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Haematology

Supplementary appendix

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Appendix to “Global, regional, and national prevalence and mortality burden of sickle cell disease among children and adults, 2000–2021: a systematic analysis from the Global Burden of Disease Study 2021”

Outline

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GATHER Checklist

Item #	Checklist item	Reported on page #
Objectives and funding		
1	Define the indicator(s), populations (including age, sex, and geographic entities), and time period(s) for which estimates were made.	Main manuscript methods dimensions and definitions section and appendix supplementary methods dimensions of GBD section
2	List the funding sources for the work.	Main manuscript funding statement
Data Inputs		
<i>For all data inputs from multiple sources that are synthesized as part of the study:</i>		
3	Describe how the data were identified and how the data were accessed.	Main manuscript methods data sources and processing section and appendix supplementary methods data identification and processing section
4	Specify the inclusion and exclusion criteria. Identify all ad-hoc exclusions.	Main manuscript methods data sources and processing section and appendix supplementary methods data identification and processing section
5	Provide information on all included data sources and their main characteristics. For each data source used, report reference information or contact name/institution, population represented, data collection method, year(s) of data collection, sex and age range, diagnostic criteria or measurement method, and sample size, as relevant.	Main manuscript methods data sources and processing section and appendix supplementary methods data identification and processing section. Detailed data sources for each component available online (https://ghdx.healthdata.org/record/ihme-data/gbd-2021-scd-birth-incidence-age-specific-prevalence-total-mortality)
6	Identify and describe any categories of input data that have potentially important biases (e.g., based on characteristics listed in item 5).	Main manuscript methods data sources and processing section and appendix supplementary methods data identification and processing section
<i>For data inputs that contribute to the analysis but were not synthesized as part of the study:</i>		
7	Describe and give sources for any other data inputs.	Main manuscript methods data sources and processing section and appendix supplementary methods data identification and processing section
<i>For all data inputs:</i>		
8	Provide all data inputs in a file format from which data can be efficiently extracted (e.g., a spreadsheet rather than a PDF), including all relevant meta-data listed in item 5. For any data inputs that cannot be shared because of ethical or legal reasons, such as third-party ownership, provide a contact name or the name of the institution that retains the right to the data.	Detailed data sources for each component available online (https://ghdx.healthdata.org/record/ihme-data/gbd-2021-scd-birth-incidence-age-specific-prevalence-total-mortality)
Data analysis		
9	Provide a conceptual overview of the data analysis method. A diagram may be helpful.	Main manuscript methods modelling strategy section and appendix supplementary methods modelling section
10	Provide a detailed description of all steps of the analysis, including mathematical formulae. This description should cover, as relevant, data cleaning, data pre-processing, data adjustments and weighting of data sources, and mathematical or statistical model(s).	Main manuscript methods data sources and processing, and modelling strategy sections and appendix supplementary methods data

		identification and processing, and modelling sections
11	Describe how candidate models were evaluated and how the final model(s) were selected.	
12	Provide the results of an evaluation of model performance, if done, as well as the results of any relevant sensitivity analysis.	
13	Describe methods for calculating uncertainty of the estimates. State which sources of uncertainty were, and were not, accounted for in the uncertainty analysis.	Main manuscript methods uncertainty section and appendix supplementary methods modelling section
14	State how analytic or statistical source code used to generate estimates can be accessed.	All statistical code for SCD-specific methods available online through our GitHub project: sickle_cell_disease_gbd_2021 (https://ghdx.healthdata.org/record/ihme-data/gbd-2021-scd-birth-incidence-age-specific-prevalence-total-mortality). Code pages for shared GBD processes will be available at https://github.com/ihmeuw/ihme-modeling/tree/master/gbd_2021/shared_code .)
Results and Discussion		
15	Provide published estimates in a file format from which data can be efficiently extracted.	Results are publicly available from the GHDx (https://ghdx.healthdata.org/record/ihme-data/gbd-2021-scd-birth-incidence-age-specific-prevalence-total-mortality)
16	Report a quantitative measure of the uncertainty of the estimates (e.g., uncertainty intervals).	Main manuscript results text includes 95% uncertainty intervals. Uncertainty intervals are also present in the online Results Tool.
17	Interpret results in light of existing evidence. If updating a previous set of estimates, describe the reasons for changes in estimates.	Main manuscript discussion section
18	Discuss limitations of the estimates. Include a discussion of any modelling assumptions or data limitations that affect interpretation of the estimates.	Main manuscript discussion section

This checklist should be used in conjunction with the GATHER statement and Explanation and Elaboration document, found on gather-statement.org

Supplementary methods

Dimensions of GBD

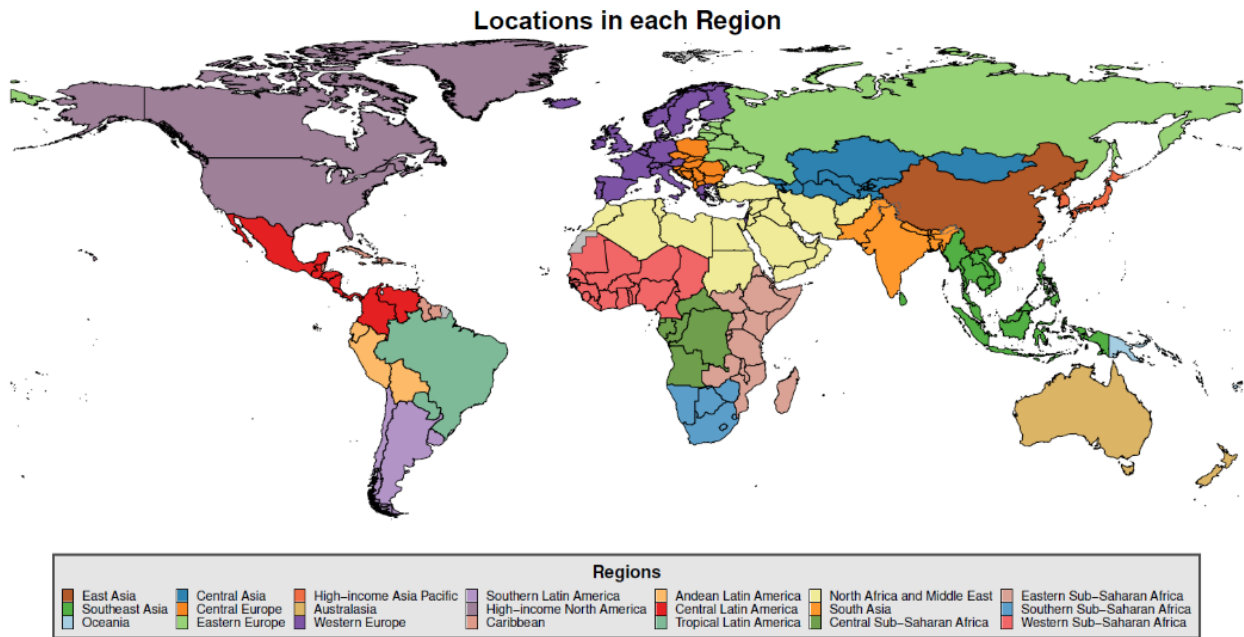
This analysis uses estimates from the 2021 Global Burden of Diseases, Injuries, and Risk Factors (GBD) Study which evaluated age, geographical, and temporal patterns for 369 diseases and injuries and 87 risks. The GBD methods and input data comply with the Guidelines for Accurate and Transparent Health Estimates Reporting (GATHER), as reported in Table S1.

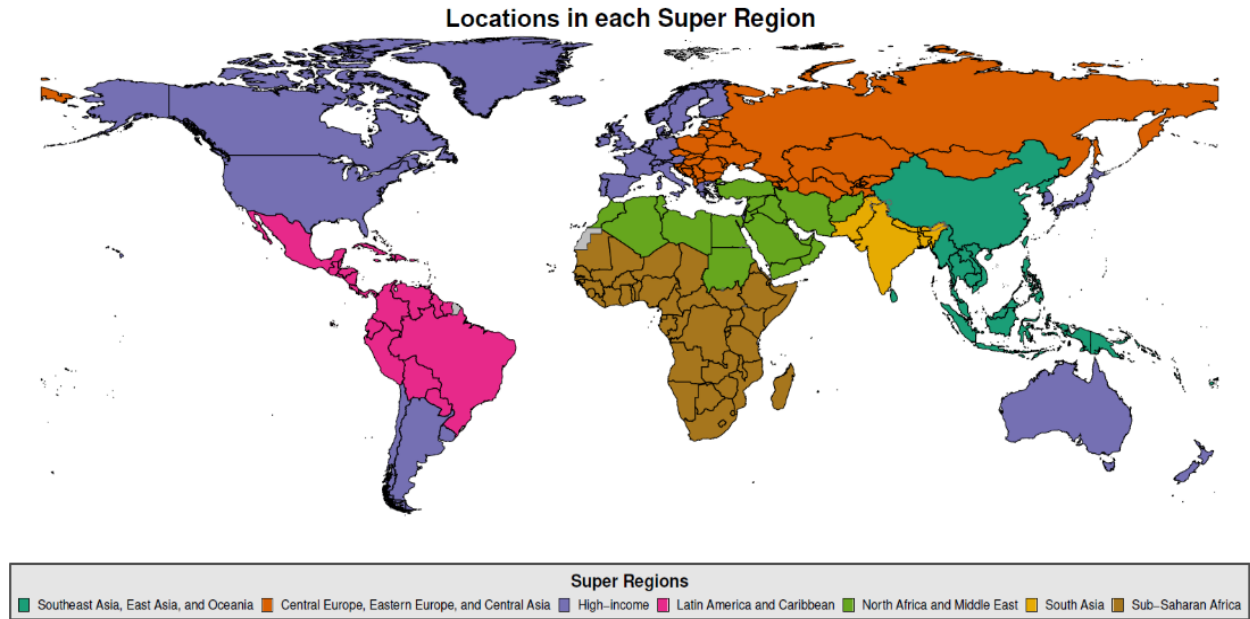
The GBD estimates health loss for 204 countries and territories grouped across 21 regions and seven super-regions, with additional subnational estimates produced for 21 countries (Italy, Nigeria, Pakistan, the Philippines, Poland, Brazil, China, Ethiopia, India, Indonesia, Iran, Japan, Kenya, Mexico, New

Zealand, Norway, Russia, South Africa, Sweden, the United Kingdom, and the United States of America) at a more granular level. The GBD produces prevalence and disability estimates between the years 2000 and 2021, and cause-specific mortality estimates for years 1980 to 2021, for 23 age groups and two sexes. We note that sex and gender are not mutually exclusive and that while sex is a biological variable most often assigned at birth, gender is a social construct. Due to limitations in data collection, data presented here refer only to males and females.

Within the GBD, diseases and injuries are organised in a tiered cause hierarchy from Level 1 being most broad to Level 4 being most specific. Sickle cell disorders are classified as “Other non-communicable diseases” and are a fourth-level cause of death and disability. All input data for all data measures used to generate estimates within the GBD are publicly available in the Global Health Data Exchange (GHDx) interactive tool, and further visualizations outside the scope of this analysis using GBD 2019 results can be viewed in the GBD Compare tool at <https://vizhub.healthdata.org/gbd-compare/>.

Figure S1. Map of locations in each GBD region and super region





Overview and definitions

Sickle cell disorders as modelled within the GBD include ICD-10 codes D57-D57.8 (excluding sickle cell trait D57.3) and ICD-9 code 282.6 as shown in Table S2. Three distinct sickle cell genotypes, each of differing severity, are together classified as sickle cell disorders in the GBD modelling framework and are referred to throughout this analysis as sickle cell genotypes: 1) homozygous sickle cell and severe sickle cell/beta thalassaemia (SS and $S\beta^0$), 2) sickle cell-haemoglobin C disease (SC), and 3) mild sickle cell/beta-thalassaemia ($S\beta^+$). Sickle cell trait is excluded from classification as a sickle cell disorder and is not covered in this paper but is included in GBD overall. Clinical data with ICD codes classified as "Other sickle-cell disorders" were mapped to $S\beta^+$.

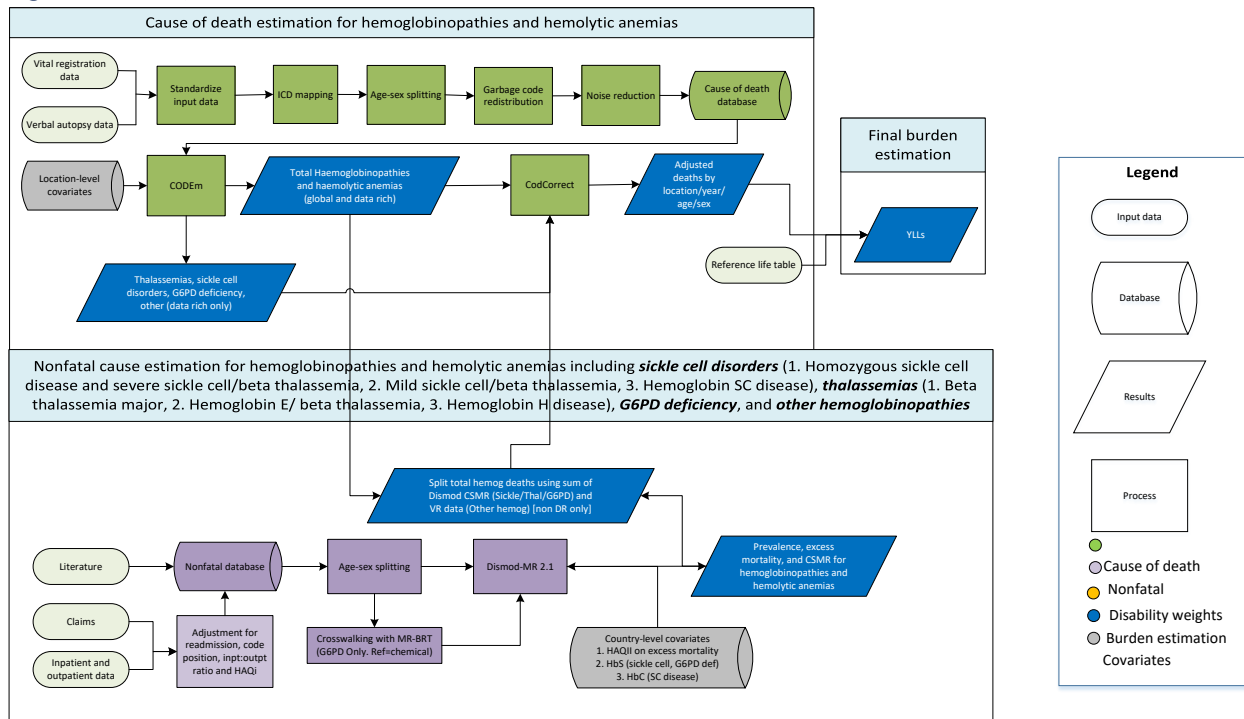
As illustrated in the estimation flowchart in Figure S2, the estimation processes for cause-specific mortality and non-fatal health outcomes from sickle cell disorders were closely linked both to each other and to estimation of burden due to the overall group of haemoglobinopathies and haemolytic anaemias. In brief, our non-fatal and mortality estimates were produced in tandem methods using two primary tools, the Cause of Death Ensemble model (CODEm), and DisMod-MR 2.1, an age-integrating mixed effects Bayesian meta-regression tool that is built on a compartmental model of disease to leverage all available input data on prevalence and survival to generate age-specific prevalence models that were internally consistent with respect to prevalence, incidence, remission, and excess mortality. We modelled non-fatal disease burden for the three sickle cell sub-causes using DisMod-MR 2.1, summing the three sub-cause estimates to create a total. CODEm was used to estimate cause-specific mortality for haemoglobinopathies overall for all GBD locations. We then developed a second set of CODEm models for each of the sub-causes of haemoglobinopathies (sickle cell disorders, thalassaemias, glucose-6-phosphate dehydrogenase (G6PD) deficiency, and other) only for "data-rich" (DR) locations with long time series of high-quality vital registration (VR) data. Final estimates for non-DR locations were generated by summing and scaling the DisMod-MR 2.1 cause-specific mortality rate (CSMR) results for three subtypes of sickle cell disorders, three subtypes of thalassaemias, and G6PD deficiency. What

follows is a more complete description of each of these steps including data identification, data processing, modelling, and processing of model results.

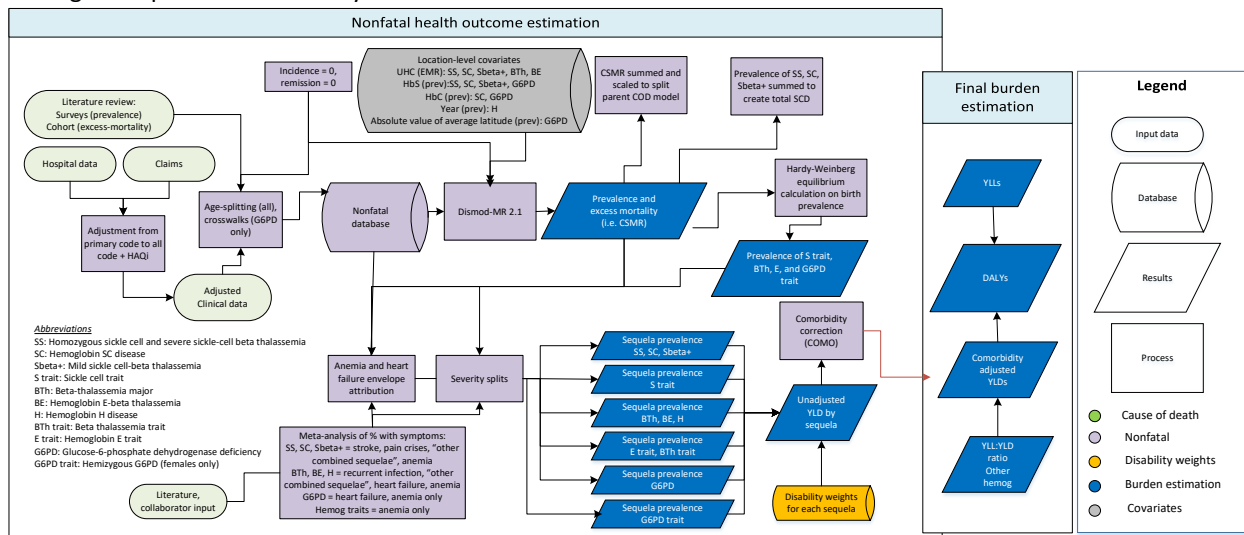
Table S1. International Classification of Diseases versions 9 and 10 (ICD-9 and ICD-10) codes used for estimation of three subtypes of sickle cell disorders

ICD-10	ICD-10 name	Causes of death (COD)	Non-fatal		
			HbSS and HbSβ°	HbSC	HbSβ+
D57	Sickle-cell disorders	x		x	
D57.0	Hb-SS disease with crisis	x	x		
D57.00	Hb-SS disease with crisis, unspecified	x	x		
D57.01	Hb-SS disease with acute chest syndrome	x	x		
D57.02	Hb-SS disease with splenic sequestration	x	x		
D57.1	Sickle-cell disease without crisis	x	x		
D57.2	Sickle-cell/Hb-C disease	x		x	
D57.20	Sickle-cell/Hb-C disease without crisis	x		x	
D57.21	Sickle-cell/Hb-C disease with crisis	x		x	
D57.211	Sickle-cell/Hb-C disease with acute chest syndrome	x		x	
D57.212	Sickle-cell/Hb-C disease with splenic sequestration	x		x	
D57.219	Sickle-cell/Hb-C disease with crisis, unspecified	x		x	
D57.3	Sickle-cell trait	x			
D57.4	Sickle-cell thalassaemia	x	x		
D57.40	Sickle-cell thalassaemia without crisis	x	x		
D57.41	Sickle-cell thalassaemia with crisis	x	x		
D57.411	Sickle-cell thalassaemia with acute chest syndrome	x	x		
D57.412	Sickle-cell thalassaemia with splenic sequestration	x	x		
D57.419	Sickle-cell thalassaemia with crisis, unspecified	x	x		
D57.8	Other sickle-cell disorders	x			x
D57.80	Other sickle-cell disorders without crisis	x			x
D57.81	Other sickle-cell disorders with crisis	x			x
D57.811	Other sickle-cell disorders with acute chest syndrome	x			x
D57.812	Other sickle-cell disorders with splenic sequestration	x			x
D57.819	Other sickle-cell disorders with crisis, unspecified	x			x
ICD-9	ICD-9 name	Causes of death (COD)	Non-fatal		
			HbSS and HbSβ°	HbSC	HbSβ+
282.41	Sickle-cell thalassaemia without crisis		x		
282.42	Sickle-cell thalassaemia with crisis		x		
282.44	Beta thalassaemia				
282.6	Sickle-cell disease	x	x		
282.61	Hb-SS disease without crisis	x	x		
282.62	Hb-SS disease with crisis	x	x		
282.63	Sickle-cell/Hb-C disease without crisis	x		x	
282.64	Sickle-cell/Hb-C disease with crisis	x		x	
282.68	Other sickle-cell disease without crisis	x			x
282.69	Other sickle cell disease with crisis	x			x

Figure S2. Analytical flowchart for the estimation of sickle cell disorders



Hemoglobinopathies and hemolytic anemias: Sickle cell disorders, Thalassemias, Glucose-6-phosphate dehydrogenase (G6PD) deficiency, Sickle cell trait, Thalassemia trait, Hemizygous G6PD deficiency, Other hemoglobinopathies and hemolytic anemias



Data identification and processing

Data inputs for cause-specific mortality models came primarily from vital registration (VR), verbal autopsy (VA), and mortality surveillance sources that were processed for all GBD causes in parallel and stored in a central Causes of Death (COD) database. Prevalence data were extracted primarily from clinical administrative data sources, published scientific literature, and a small number of household surveys and newborn screening sources. Excess mortality rate (EMR) data that were input into DisMod-

MR 2.1 models came from mortality and survival data identified and extracted from population-based registries and cohort studies for specific subtypes of sickle cell disorders. Each of the steps of data identification and processing are described in more detail below.

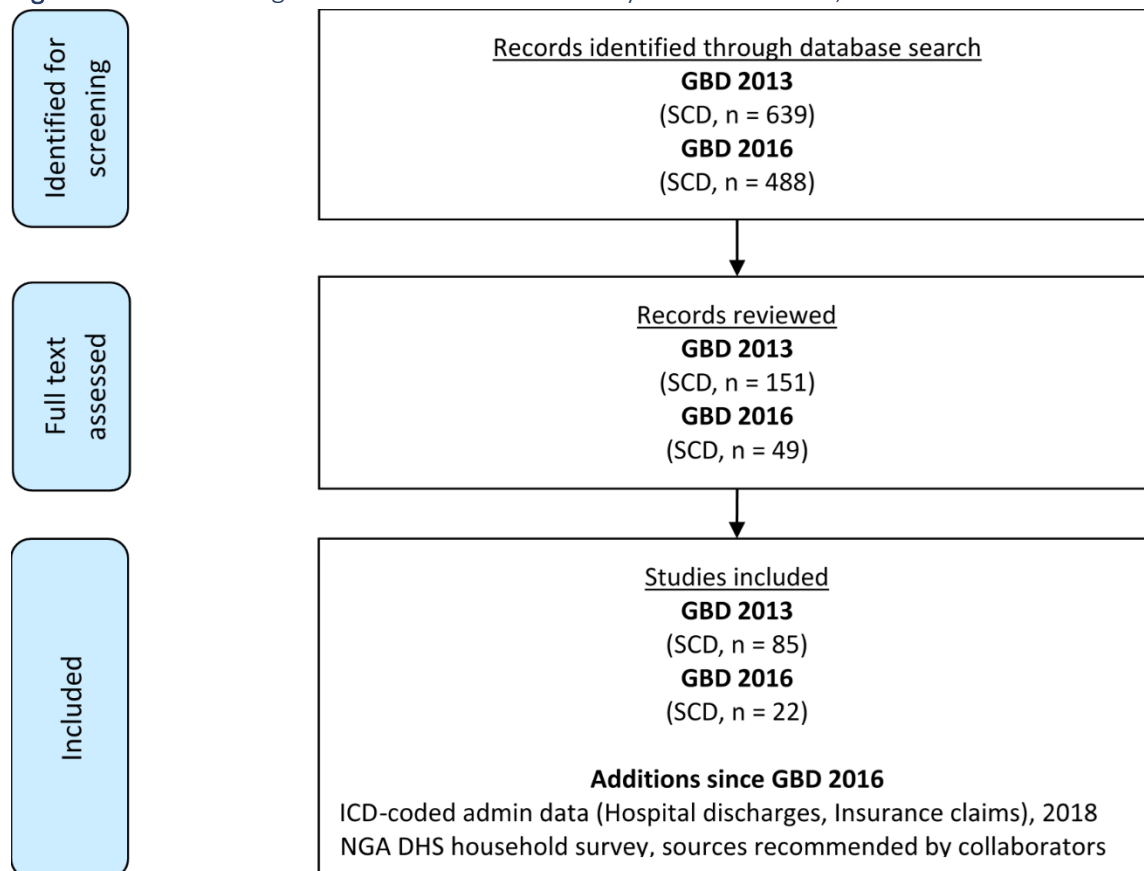
Scientific literature

We conducted a systematic review for GBD 2013 and GBD 2016 using the following search strings for sickle cell disorders:

(sickle cell[Title/Abstract] AND (mortality[Title/Abstract] OR survival[Title/Abstract] OR prevalence[Title/Abstract] OR incidence[Title/Abstract]) AND (2013/04/01[PDat] : 2016/12/31[PDat])) AND "humans"[MeSH Terms]

As shown in the PRISMA diagram in Figure S3A, for GBD 2013, a total of 639 sources were screened, 151 were selected for full text review, and 85 were extracted. For GBD 2016, a total of 488 titles and abstracts were screened in the sickle cell search; 49 were reviewed, and 22 were extracted. We extracted any data which fit our case definitions for sickle cell disorders (homozygous sickle cell, compound heterozygous HbS-thal, hemoglobin SC disease, compound heterozygous HbS-beta+), excluding any data defined as sickle cell trait, and excluding any data where the results were themselves a product of modelling. When sources reported multiple levels of granularity, data were extracted at the most granular level possible. Data measures extracted included prevalence, with-condition mortality, and excess mortality. Of note, presence of disease at birth is extracted as birth prevalence. However, we report this measure as “incidence” within the GBD outputs.

Figure S3A. Prisma diagram for sickle cell disorders systematic reviews, 2013 & 2016



Clinical administrative data

We utilised clinical administrative data extracted from hospital inpatient discharges (admission for at least one overnight stay), outpatient visits, and health insurance claims data. This process is described in more detail in the most recent GBD publication on diseases and injuries.¹ Briefly, clinical data were processed to account for five main potential sources of bias: 1) sources that do not report on population denominators, 2) multiple admissions for the same patient, 3) multiple diagnoses within a single inpatient admission, 4) ratio between outpatient cases observed for any inpatient case (accounting for cases that did not go to the hospital), and 5) population access to, and quality of, health care.

To convert discharge data without population denominators into usable fractions, we multiplied source-specific admission fractions (cause-specific admissions / total admissions) from administrative data sources by matching inpatient utilisation rates (total admissions / population) by location, year, age group, and sex. Input data were modelled using spatiotemporal Gaussian process regression (ST-GPR) to smooth over age, time, and location to complete estimates for the annual inpatient utilisation envelope. Subsequent adjustments ratios (2–4) were calculated using all clinical inpatient sources including MarketScan and Taiwan (province of China) claims data, claims and inpatient data from Singapore, the Philippines, Ecuador, New Zealand, and the Healthcare Cost Utilization Project State Inpatient Database (HCUP SID). Estimates for the log of ratios were created through a mixed-effects model using the MR-BRT (meta-regression—Bayesian, regularised, trimmed) tool to estimate the log of the ratios between non-primary to primary diagnosis, as well as outpatient to inpatient care. Finally, to account for inequitable access to health care, a scalar derived from the Healthcare Access and Quality (HAQ) Index was applied to the estimates.¹ This scalar approximates the proportion of the population that would be represented in hospital admissions based on access. A scalar of less than 1 would increase the number of admissions to account for individuals in the population who would have been represented in hospital admissions, if they had access to a facility.

The HAQ Index is estimated from causes for which disease burden is reduced with access to quality health care. These include vaccine-preventable diseases, maternal and child infectious diseases, and cancers.² With an understanding that differences in mortality exist across regions, underlying geographical variation in risk exposure is captured by standardising mortality rates by location and age. The standardised mortality rates are then log transformed and scaled from zero to 100 across the GBD estimation framework.

Household surveys

This analysis used data from the 2018 Nigeria Demographic and Health Survey (DHS) Biomarker Questionnaire, which conducted genotype testing for sickle cell disease and sickle cell trait among children ages 6–59 months and measured haemoglobin levels among women and children. The BioMedomics™ Sickle SCAN® was used as a diagnostic test, which provides rapid results within five minutes. Results were validated against a sample of confirmatory high-performance liquid chromatography testing. Microdata were extracted at the most detailed subnational level and aggregated to the national level for a total of three age groups: 6–11 months, 12–23 months, and 2–4 years. Data were age pooled in subnational locations for a single age group of 6 months to 4 years.

Age and sex splitting

All data from clinical administrative sources were age- and sex-specific. A portion of the scientific literature data were available only in broader age ranges or for both sexes combined. Based on multiple rounds of experience modelling for GBD, we have found that models perform more consistently when data are sex-specific and divided into specific age groups prior to modelling, rather than relying on DisMod-MR 2.1 to infer the relationships. When input prevalence data existed in broader age groups or aggregated over sexes rather than in GBD specific categorisations, we pulled GBD 2019 model estimates to generate age and sex weights, which we then used to split input data. We used previous round model results rather than clinical informatics data because the latter come preferentially from higher-resource settings, so is thought to not reflect as accurately the age pattern of sickle cell disorders as did previous model results.

Systematic evaluation of input data and identification of outliers

Our data processing methods for clinical administrative data are robust and were applied across all GBD causes in an equivalent manner. One notable issue identified for sickle cell disorders is that when location-specific sample sizes of uncorrected data were quite small and stochastic, the application of sequential correction factors compounded implausible age patterns, leading to apparently increasing prevalence with increasing age (which is known to be impossible). We additionally outliered data from sources with small sample sizes that reported implausibly high or low prevalence values. Examples include prevalence >2% in any location, >1% in high-income super-regions, and prevalence of 0% at birth in western and central sub-Saharan Africa. Outliered data remained in the dataset but were excluded from the model itself. Final input datasets for each of the sickle cell disorders models (3 genotypes) are illustrated in Figure S3A for prevalence and 3B for excess mortality.

Cause-specific mortality data

Sickle cell disorders in GBD are one of four sub-causes of the overall cause of “haemoglobinopathies and haemolytic anaemias.” The remaining three sub-causes are thalassaemias, G6PD deficiency, and other haemoglobinopathies and haemolytic anaemias. Data processing and modelling for each of the four sub-causes and parent cause were completed in parallel. A complete description of Cause of Death (CoD) data processing and modelling is available in the most recent GBD publication on Diseases and injuries.¹ Briefly, VR, verbal autopsy, surveillance, survey, and minimally invasive tissue sample (MITS) data were assigned to International Classification of Diseases and Injuries (ICD) codes and systematically processed and stored in the CoD database as cause-specific mortality data. Viable data from 1980 to 2019 are updated biannually or more frequently when new sources become available. Deaths from causes that cannot ultimately cause death or lack specificity are reassigned to underlying causes of death via a process of redistribution. Redistribution algorithms consist of proportionate redistribution, fixed proportion redistribution, and statistical algorithms. Causes redistributed to sickle cell disorders can be seen in Figure S4.

When data exhibit high spatial and temporal stochasticity, there is risk of inappropriate overfitting and underfitting with many modelling approaches. Additionally, observations of zero deaths are eminently possible in countries with small populations and/or for comparatively uncommon conditions, but because many modelling approaches use log- or logit-transformation, all of these observations would be ignored and lead to upward bias. To solve this, we apply an empirical Bayesian noise reduction algorithm to the CoD data such that locations with stochastic trends and smaller populations give higher weight to

the prior, and less weight to the observed value, and vice versa in larger populations. This prior is calculated via predictions from cause- and sex-specific Poisson regressions on data grouped by criteria such as source type (eg, VR), population size, and endemicity of malaria.

Additionally, if a datum was originally zero, and after noise reduction, it was adjusted to an extraordinarily small non-zero number, there is a risk of extreme downward bias in modelling approaches with log- and logit-transformed input data. To solve this, we applied a “non-zero floor” to each dataset. This floor is specific by age and sex and is the minimum cause fraction a given datapoint can be across all locations and years, determined by national-level VR data that were originally non-zero prior to noise reduction. Next, after the non-zero floor has been applied, we calculate a linear floor—or an overall minimum value for the model—by converting the non-zero cause fractions to rates per 100,000, taking the lowest non-zero floor rate across ages and calculating $e^{\ln(\text{non-zero floor})-2}$. Outliers were identified in an iterative modelling process during which model fit was evaluated for consistency with epidemiological evidence relative to age, sex, and geographical and temporal patterns. This resulted in near total outliering of data from many verbal autopsy sources in locations with sparse data coverage and low data quality. Input datasets for each of haemoglobinopathies and haemolytic anaemias and sickle cell disorders are illustrated in Figure S3 with national input data counts in Tables S2A–S2C.

Table S2A. Mortality input data source counts of nationals with subnationals

Country	Homozygous sickle cell and severe sickle cell/beta-thalassaemia	Haemoglobin SC disease	Mild sickle cell/beta-thalassaemia	Total SCD
Brazil	2	2	2	0
India	0	0	1	0
Iran	2	3	1	0
Italy	0	0	2	0
Kenya	0	0	1	0
Mexico	1	1	1	0
New Zealand Maori	18	18	18	0
New Zealand non-Maori	18	18	18	0
Nigeria	3	3	1	0
Pakistan	0	0	1	0
Philippines	3	3	3	0
Sweden	19	19	19	0
USA	25	24	24	9

Table S2B. Prevalence input data source counts of nationals with subnationals

Country	Homozygous sickle cell and severe sickle cell/beta-thalassaemia	Haemoglobin SC disease	Mild sickle cell/beta-thalassaemia	Total SCD
Brazil	2	2	2	6
Ethiopia	0	0	0	1
India	0	0	1	2
Iran	2	3	1	6
Italy	0	0	2	4
Japan	0	0	0	1
Kenya	0	0	1	2
Mexico	1	1	1	3
New Zealand Maori	18	18	18	54
New Zealand non-Maori	18	18	18	54
Nigeria	3	3	1	7
Pakistan	0	0	1	2
Philippines	3	3	3	9
Poland	0	0	0	2
South Africa	0	0	0	1
Sweden	19	19	19	57
USA	25	24	24	73

Table S2C. Cause of death mortality input data source counts of nationals with subnationals

Country	Haemoglobinopathies	Sickle cell disorders
New Zealand Maori population	36	36
New Zealand non-Maori population	36	36
Ukraine	38	7

Data citations

Table S3. Clinical data citations for SCD genotypes

Citation	NID	Type of clinical data	Locations covered	Genotype HbSS/SS and Sβ°	Hemoglobin SC disease	Mild sickle cell/ beta thalassaemia (Sβ+)
Center for Health Statistics and Information, National Health and Family Planning Commission (China), Shanghai Municipal Center for Disease Control and Prevention (Shanghai CDC), Shanghai Health Information Center. China Hospital Inpatient Data 2013-2016.	337619	inpatient	China (some subnationals)	0	1	0
Ministry of Health (Italy). Italy Hospital Inpatient Discharges 2005-2007.	334464	inpatient	Italy (all subnationals)	1	1	1
Ministry of Health (Italy). Italy Hospital Inpatient Discharges 2008-2012.	334465	inpatient	Italy (all subnationals)	1	1	1
Ministry of Health (Mexico). Mexico Ministry of Health Hospital Discharges 2013-2015	404395	inpatient	Mexico (all subnationals)	1	1	1
Nazareth Hospital, Shillong, JSS Hospital, Mysore, King George's Medical University (India). India Hospital Inpatient Data 2014-2017.	337129	inpatient	Karnataka	1	1	0
St. John's Medical College Hospital (India). India - Bangalore St. John's Medical College Hospital Inpatient Data 2017.	354896	inpatient	Karnataka, Urban	1	1	0
Department of Health Services, Ministry of Health and Population (Nepal). Nepal Hospital Inpatient Discharges 2010-2012.	292575	inpatient	Nepal	1	1	0
Department of Health Services, Ministry of Health and Population (Nepal). Nepal Hospital Inpatient Discharges 2013-2014.	292437	inpatient	Nepal	1	1	0
Directorate of Health Statistics and Information, Ministry of Health (Argentina). Argentina Public Hospital Injury Discharges, Hospital Discharges by Diagnosis and Public Hospital Discharge Statistics 2010-2012. Buenos Aires, Argentina: Directorate of Health Statistics and Information, Ministry of Health (Argentina).	433061	inpatient	Argentina	1	0	0
Federal Ministry of Health (Austria), Statistics Austria. Austria Hospital Inpatient Discharges 1989-1992.	234670	inpatient	Austria	1	1	1
Federal Ministry of Health (Austria), Statistics Austria. Austria Hospital Inpatient Discharges 1993-1997.	234671	inpatient	Austria	1	1	1
Federal Ministry of Health (Austria), Statistics Austria. Austria Hospital Inpatient Discharges 1998-2002.	234672	inpatient	Austria	1	1	1
Federal Ministry of Health (Austria), Statistics Austria. Austria Hospital Inpatient Discharges 2003-2007.	234673	inpatient	Austria	1	1	1
Federal Ministry of Health (Austria), Statistics Austria. Austria Hospital Inpatient Discharges 2008-2012.	234674	inpatient	Austria	1	1	1
Federal Ministry of Health (Austria), Statistics Austria. Austria Hospital Inpatient Discharges 2013-2014.	284419	inpatient	Austria	1	1	1
Federal Statistical Office (Germany). Germany Hospital Discharges by Diagnosis 2009. Wiesbaden, Germany: Federal Statistical Office (Germany), 2011.	67132	inpatient	Germany	1	1	1
Greece - Regional General University Hospital of Larissa Inpatient Data 2013-2017.	433059	inpatient	Greece	1	1	1
Greece - Regional General University Hospital of Larissa Inpatient Data 2018-2019.	433060	inpatient	Greece	1	1	1
Healthcare Cost and Utilization Project (HCUP), Agency for Healthcare Research and Quality (AHRQ). United States State Inpatient Databases 2003-2007.	284421	inpatient	United States of America (some subnationals)	1	1	1
Healthcare Cost and Utilization Project (HCUP), Agency for Healthcare Research and Quality (AHRQ). United States State Inpatient Databases 2008-2009.	284422	inpatient	United States of America (some subnationals)	1	1	1
Institute for Maternal and Child Health - IRCCS "Burlo Garofolo", Ministry of Health (Italy). Italy Hospital Inpatient Discharges 2018.	421047	inpatient	Italy (all subnationals)	1	1	1
Ministry of Health (Botswana). Botswana Health Management Data System 2008-2009.	411100	inpatient	Botswana	1	1	0
Ministry of Health (Brazil). Brazil Hospital Information System 1992.	104241	inpatient	Brazil (all subnationals)	1	1	1
Ministry of Health (Brazil). Brazil Hospital Information System 1993-1997.	439739	inpatient	Brazil (all subnationals)	1	1	1
Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.	234692	inpatient	Brazil (all subnationals)	1	1	1
Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.	234693	inpatient	Brazil (all subnationals)	1	1	1
Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.	234703	inpatient	Brazil (all subnationals)	1	1	1
Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.	234704	inpatient	Brazil (all subnationals)	1	1	1
Ministry of Health (Chile). Chile Hospital Discharges 2001-2002.	287201	inpatient	Chile	1	1	1
Ministry of Health (Chile). Chile Hospital Discharges 2003-2007.	287202	inpatient	Chile	1	1	1
Ministry of Health (Chile). Chile Hospital Discharges 2008-2012.	287203	inpatient	Chile	1	1	1
Ministry of Health (Chile). Chile Hospital Discharges 2013-2017. Santiago, Chile: Ministry of Health (Chile).	430710	inpatient	Chile	1	1	1
Ministry of Health (Chile). Chile Hospital Discharges 2018. Santiago, Chile: Ministry of Health (Chile).	422874	inpatient	Chile	1	1	1
Ministry of Health (Italy). Italy Hospital Inpatient Discharges 2013-2017.	439738	inpatient	Italy (all subnationals)	1	1	1
Ministry of Health (Jordan). Jordan Al-Bashir Hospital Discharges 2016.	317423	inpatient	Jordan	0	1	0
Ministry of Health (Kenya). Kenya National Inpatient Morbidity and Mortality Statistics 1999.	133665	inpatient	Kenya	0	0	1
Ministry of Health (Mexico). Mexico Ministry of Health Hospital Discharges 2000-2002.	234745	inpatient	Mexico (all subnationals)	1	1	1
Ministry of Health (Mexico). Mexico Ministry of Health Hospital Discharges 2003-2007.	234746	inpatient	Mexico (all subnationals)	1	1	1
Ministry of Health (Mexico). Mexico Ministry of Health Hospital Discharges 2008-2012.	234747	inpatient	Mexico (all subnationals)	1	1	1
Ministry of Health (New Zealand). New Zealand National Minimum Dataset 2000-2002.	284439	inpatient	New Zealand (all subnationals)	1	1	1
Ministry of Health (New Zealand). New Zealand National Minimum Dataset 2003-2007.	284440	inpatient	New Zealand (all subnationals)	1	1	1
Ministry of Health (New Zealand). New Zealand National Minimum Dataset 2008-2012.	284442	inpatient	New Zealand (all subnationals)	1	1	1
Ministry of Health (New Zealand). New Zealand National Minimum Dataset 2013-2017.	439737	inpatient	New Zealand (all subnationals)	1	1	1
Ministry of Health (Portugal). Portugal Hospital Inpatient Discharges 2015.	285520	inpatient	Portugal	1	0	0
Ministry of Health (Turkey). Turkey Diagnosis-Related Group Hospital Inpatient Database 2011-2012.	287207	inpatient	Türkiye	1	1	1
Ministry of Health and Medical Education (Iran). Iran Hospital Data 2001-2010.	331084	inpatient	Iran (Islamic Republic of)	0	1	0
Ministry of Health and Welfare (Taiwan). Taiwan National Health Insurance Claims Data 2016.	336203	claims	Taiwan (Province of China)	1	0	1
Ministry of Health, Labour and Welfare (Japan). Japan Diagnosis Procedure Combination Database 2010-2012.	336851	inpatient	Japan (all subnationals)	1	1	0
Ministry of Health, Labour and Welfare (Japan). Japan Diagnosis Procedure Combination Database 2013-2015.	336852	inpatient	Japan (all subnationals)	1	1	0
NHS England. United Kingdom - England Hospital Episode Statistics 2001-2002.	234764	inpatient	England (subnationals)	0	1	0

NHS England. United Kingdom - England Hospital Episode Statistics 2003-2007.	234762	inpatient	England (subnationals)	0	1	0
NHS England. United Kingdom - England Hospital Episode Statistics 2008-2012.	234765	inpatient	England (subnationals)	0	1	0
NHS England. United Kingdom - England Hospital Episode Statistics 2013-2014.	292577	inpatient	England (subnationals)	0	1	0
National Board of Health and Welfare (Sweden). Sweden National Patient Register 1998-2002.	234758	inpatient	Sweden	1	1	1
National Board of Health and Welfare (Sweden). Sweden National Patient Register 2003-2007.	234760	inpatient	Sweden	1	1	1
National Board of Health and Welfare (Sweden). Sweden National Patient Register 2008-2012.	234761	inpatient	Sweden	1	1	1
National Board of Health and Welfare (Sweden). Sweden National Patient Register 2013-2016.	408336	inpatient	Sweden	1	1	1
National Center for Disease Control and Public Health (Georgia). Georgia Hospital Data 2013-2014.	321359	inpatient	Georgia	1	1	0
National Center for Disease Control and Public Health (Georgia). Georgia Hospital Discharges 2016-2017.	407536	inpatient	Georgia	1	1	0
National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention (CDC). United States National Hospital Discharge Survey 1988-1992.	234766	inpatient	United States of America	1	1	1
National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention (CDC). United States National Hospital Discharge Survey 1993-1997.	234769	inpatient	United States of America	1	1	1
National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention (CDC). United States National Hospital Discharge Survey 1998-2002.	234771	inpatient	United States of America	1	1	1
National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention (CDC). United States National Hospital Discharge Survey 2003-2007.	234772	inpatient	United States of America	1	1	1
National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention (CDC). United States National Hospital Discharge Survey 2008-2010.	234774	inpatient	United States of America	1	1	1
National Health Fund (Poland). Poland National Health Fund Patient Claims 2015.	397812	claims	Poland (all subnationals)	1	1	1
National Health Fund (Poland). Poland National Health Fund Patient Claims 2016.	397813	claims	Poland (all subnationals)	1	1	1
National Health Fund (Poland). Poland National Health Fund Patient Claims 2017.	397814	claims	Poland (all subnationals)	1	1	1
National Health Fund (Poland). Poland National Health Fund Patient Claims 2018.	431674	claims	Poland (all subnationals)	1	1	1
National Institute of Statistics and Censuses (Ecuador). Ecuador Hospital Inpatient Discharges 1993-1997.	234738	inpatient	Ecuador	1	1	1
National Institute of Statistics and Censuses (Ecuador). Ecuador Hospital Inpatient Discharges 1998-2002.	234740	inpatient	Ecuador	1	1	1
National Institute of Statistics and Censuses (Ecuador). Ecuador Hospital Inpatient Discharges 2003-2007.	234741	inpatient	Ecuador	1	1	1
National Institute of Statistics and Censuses (Ecuador). Ecuador Hospital Inpatient Discharges 2008-2012.	234742	inpatient	Ecuador	1	1	1
National Institute of Statistics and Censuses (Ecuador). Ecuador Statistical Registry of Hospital Beds and Discharges 2018. Quito, Ecuador: National Institute of Statistics and Censuses (Ecuador).	422318	inpatient	Ecuador	1	1	1
National Institute of Statistics and Censuses (Ecuador). Ecuador Statistical Registry of Hospital Beds and Expenses 2013-2017.	439735	inpatient	Ecuador	1	1	1
National Statistics Institute (Spain). Spain Hospital Morbidity Survey 2015-2017. Madrid, Spain: National Statistics Institute (Spain).	433115	inpatient	Spain	1	1	1
Norwegian Directorate of Health. Norway Patient Register 2008-2012.	234750	inpatient	Norway (all subnationals)	1	1	1
Philippine Health Insurance Corporation. Philippine Health Insurance Corporation Claims 2013-2016.	292574	inpatient	Philippines	1	1	1
Regional General University Hospital of Larissa (Greece). Greece - Regional General University Hospital of Larissa Inpatient Data 2012.	432298	inpatient	Greece	1	1	1
Truven Health Analytics. United States MarketScan Claims and Medicare Data - 2000. Ann Arbor, United States: Truven Health Analytics.	244369	claims	United States of America (all subnationals)	1	1	1
Truven Health Analytics. United States MarketScan Claims and Medicare Data - 2010. Ann Arbor, United States: Truven Health Analytics.	244370	claims	United States of America (all subnationals)	1	1	1
Truven Health Analytics. United States MarketScan Claims and Medicare Data - 2012. Ann Arbor, United States: Truven Health Analytics.	244371	claims	United States of America (all subnationals)	1	1	1
Truven Health Analytics. United States MarketScan Claims and Medicare Data 2011. Ann Arbor, United States: Truven Health Analytics.	336850	claims	United States of America (all subnationals)	1	1	1
Truven Health Analytics. United States MarketScan Claims and Medicare Data 2013. Ann Arbor, United States: Truven Health Analytics.	336849	claims	United States of America (all subnationals)	1	1	1
Truven Health Analytics. United States MarketScan Claims and Medicare Data 2014. Ann Arbor, United States: Truven Health Analytics.	336848	claims	United States of America (all subnationals)	1	1	1
Truven Health Analytics. United States MarketScan Claims and Medicare Data 2015. Ann Arbor, United States: Truven Health Analytics.	336847	claims	United States of America (all subnationals)	1	1	1
Truven Health Analytics. United States MarketScan Claims and Medicare Data 2016. Ann Arbor, United States: Truven Health Analytics.	408680	claims	United States of America (all subnationals)	1	1	1
Truven Health Analytics. United States MarketScan Claims and Medicare Data 2017. Ann Arbor, United States of America: Truven Health Analytics.	433114	claims	United States of America (all subnationals)	1	1	1
World Health Organization Regional Office for Europe (WHO/Europe). European Hospital Morbidity Database, 2008. Copenhagen, Denmark: World Health Organization Regional Office for Europe (WHO/Europe).	3822	inpatient	Belgium, Switzerland, Cyprus, Czechia, Denmark, Finland, Croatia, Iceland, Lithuania, Luxembourg, Latvia, Malta, Poland, Romania, Serbia, Slovakia, Slovenia	0	1	0

* NID (node identifier) corresponds to a unique identifier assigned upon extraction and upload into the Global Health Data Exchange (GHDx). The NID can be used to search for the source on ghdx.healthdata.org. The 0 and 1 represent whether the citation applies to the genotype (1= yes, 0 = no)

Table S4. Scientific literature data citations for SCD genotypes.

Citation	NID	Locations covered	Genotype HbSS/SS and Sβ°	Hemoglobin SC disease	Mild sickle cell/ beta thalassaemia (Sβ+)
Abarca G, Navarrete M, Trejos R, de Cspedes C, Saboro M. Abnormal haemoglobins in the newborn human population of Costa Rica. <i>Rev Biol Trop.</i> 2008; 56(3): 995-1001.	116039	Costa Rica	1	1	0
Adewuyi JO, Gwanzura C. Frequency of the sickle haemoglobin gene in Zimbabwe. <i>East Afr Med J.</i> 1994; 71(3): 204-6.	142070	Zimbabwe	1	0	0
Agasa B, Bosunga K, Opara A, Tshilumba K, Dupont E, Vertongen F, Cotton F, Gulbis B. Prevalence of sickle cell disease in a northeastern region of the Democratic Republic of Congo: what impact on transfusion policy. <i>Transfus Med.</i> 2010; 20(1): 62-5.	116026	Democratic Republic of the Congo	1	0	0
Aidoo M, Terlouw DJ, Kolczak MS, McElroy PD, ter Kuile FO, Kariuki S, Nahlen BL, Lal AA, Udhayakumar V. Protective effects of the sickle cell gene against malaria morbidity and mortality. <i>Lancet.</i> 2002; 359(9314): 1311-2.	110042	Kisumu	1	0	0
Akinkugbe FM. Anaemia in a rural population in Nigeria (Ilora). <i>Ann Trop Med Parasitol.</i> 1980; 74(6): 625-33.	141384	Oyo	1	1	0
Akinyanju OO. A profile of sickle cell disease in Nigeria. <i>Ann N Y Acad Sci.</i> 1989; 565: 126-36.	96445	Lagos	1	1	0
Al Hosani H, Salah M, Osman HM, Farag HM, Anvery SM. Incidence of haemoglobinopathies detected through neonatal screening in the United Arab Emirates. <i>East Mediterr Health J.</i> 2005; 11(3): 300-7.	96446	United Arab Emirates	1	0	0
Al Hosani H, Salah M, Osman HM, El-Assiouty L, Saade D, Hertecant J. Expanding the comprehensive national neonatal screening programme in the United Arab Emirates from 1995 to 2011. <i>East Mediterr Health J.</i> 2014; 20(1): 17-23.	292589	United Arab Emirates	1	1	1
Al Kahtani MA, AlQahtani M, Alshebaily MM, Abd Elzaher M, Moawad A, Aljohani N. Morbidity and pregnancy outcomes associated with sickle cell anemia among Saudi women. <i>Int J Gynaecol Obstet.</i> 2012; 119(3): 224-6.	116024	Saudi Arabia	1	0	0
Al-Allawi O, Al-Dousky AA. Frequency of haemoglobinopathies at premarital health screening in Dohuk, Iraq: implications for a regional prevention programme. <i>East Mediterr Health J.</i> 2010; 16(4): 381-5.	116044	Iraq	0	0	1
Al-Awamy BH, Al-Muzan M, Al-Turki M, Serjeant GR. Neonatal screening for sickle cell disease in the Eastern Province of Saudi Arabia. <i>Trans R Soc Trop Med Hyg.</i> 1984; 78(6): 792-94.	142076	Saudi Arabia	1	0	0
Al-Riyami A, Ebrahim GJ. Genetic Blood Disorders Survey in the Sultanate of Oman. <i>J Trop Pediatr.</i> 2003; 49(Suppl 1): 1-20.	110030	Oman	1	0	0
Allen SJ, Bennett S, Riley EM, Rowe PA, Jakobsen PH, O'Donnell A, Greenwood BM. Morbidity from malaria and immune responses to defined Plasmodium falciparum antigens in children with sickle cell trait in The Gambia. <i>Trans R Soc Trop Med Hyg.</i> 1992; 86(5): 494-8.	142051	Gambia	1	1	0
Almeida AM, Henthorn JS, Davies SC. Neonatal screening for haemoglobinopathies: the results of a 10-year programme in an English Health Region. <i>Br J Haematol.</i> 2001; 112(1): 32-5.	96447	United Kingdom	1	1	1
Amoako N, Asante KP, Adjei G, Awandare GA, Bimi L, Owusu-Agyei S. Associations between red cell polymorphisms and Plasmodium falciparum infection in the middle belt of Ghana. <i>PLoS One.</i> 2014; 9(12): e112868.	287701	Ghana	1	1	0
Angastiniotis M, Modell B, Englezos P, Boulyjenkov V, World Health Organization (WHO). Prevention and control of haemoglobinopathies. <i>Bull World Health Organ.</i> 1995; 73(3): 375-86.	96448	Bahrain, France, Nigeria	1	1	0
Arjunan A. Prevalence of the beta-s Gene and Sickle Cell Disease in India [masters thesis]. Pittsburgh, Pennsylvania: University of Pittsburgh; 2013.	227982	Maharashtra, Urban	1	0	0
Atkinson SH, Rockett K, Sirugo G, Bejon PA, Fulford A, O'Connell MA, Bailey R, Kwiatkowski DP, Prentice AM. Seasonal childhood anaemia in West Africa is associated with the haptoglobin 2-2 genotype. <i>PLoS Med.</i> 2006; 3(5): e172.	142050	Gambia	1	0	0
Azevedo ES, Alves AF, Da Silva MC, Souza MG, Muniz Dias Lima AM, Azevedo WC. Distribution of abnormal hemoglobins and glucose-6-phosphate dehydrogenase variants in 1200 school children of Bahia, Brazil. <i>Am J Phys Anthropol.</i> 1980; 53(4): 509-12.	142040	Bahia	1	1	0
Ballardini E, Tarocco A, Marsella M, Bernardoni R, Carandina G, Melandri C, Guerra G, Patella A, Zucchelli M, Ferlini A, Bigoni S, Ravani A, Garani G, Borgna-Pignatti C. Universal neonatal screening for sickle cell disease and other haemoglobinopathies in Ferrara, Italy. <i>Blood Transfus.</i> 2013; 11(2): 245-9.	292593	Emilia-Romagna	1	1	1
Ballas SK, Park D, Wapner RJ. Neonatal screening for sickle cell disease in a metropolitan university hospital: efficacy and problems. <i>J Med Screen.</i> 1994; 1(4): 229-32.	142064	United States of America	1	0	0
Bardakdjian-Michau J, Bahuau M, Hurtrel D, Godart C, Riou J, Mathis M, Goossens M, Badens C, Ducrocq R, Elion J, Perini JM. Neonatal screening for sickle cell disease in France. <i>J Clin Pathol.</i> 2009; 62(1): 31-3.	96449	France	1	1	1
Bernstein SC, Bowman JE, Kaptue Noche L. Population studies in Cameroon: hemoglobin S, glucose-6-phosphate dehydrogenase deficiency and falciparum malaria. <i>Hum Hered.</i> 1980; 30(4): 251-8.	116020	Cameroon	1	0	0
Berthet S, Monpoux F, Soummer A-M, Brard E, Sarles J, Badens C. Neonatal screening for sickle cell disease at the Nice University Hospital: the last 8 years. <i>Arch Pediatr.</i> 2010; 17(12): 1652-6.	116040	France	1	0	1
Biondi G, Calandra PL, Coppa A, Falcone G, Rickards O, Vecchi F. Distribution of the S and C hemoglobins in Atakora District (Benin). <i>Hum Biol.</i> 1980; 52(2): 205-13.	142035	Benin	1	1	0
Bird AR, Ellis P, Wood K, Mathew C, Karabus C. Inherited haemoglobin variants in a South African population. <i>J Med Genet.</i> 1987; 24(4): 215-9.	110035	Western Cape	1	1	0
Boemer F, Vanbellinghen J-F, Bours V, Schoos R. Screening for sickle cell disease on dried blood: a new approach evaluated on 27,000 Belgian newborns. <i>J Med Screen.</i> 2006; 13(3): 132-6.	142033	Belgium	1	0	0
Bouva MJ, Mohrmann K, Brinkman HBJM, Kemper-Propert EA, Elvers B, Loeber JG, Verheul FEAM, Giordano PC. Implementing neonatal screening for haemoglobinopathies in the Netherlands. <i>J Med Screen.</i> 2010; 17(2): 58-65.	116043	Netherlands	1	1	0
Brandelise S, Pinheiro V, Gabetta CS, Hambleton I, Serjeant B, Serjeant G. Newborn screening for sickle cell disease in Brazil: the Campinas experience. <i>Clin Lab Haematol.</i> 2004; 26(1): 15-9.	110040	São Paulo	1	1	1
Buchanan JG, Jha BK, Matthews JR, Nixon AD. The prevalence and nature of anemia among apparently normal subjects in Fiji. <i>Pathology.</i> 1979; 11(3): 369-76.	227962	Fiji	1	1	1

Cardoso MA, Scopel KKG, Muniz PT, Villamor E, Ferreira MU. Underlying factors associated with anemia in Amazonian children: a population-based, cross-sectional study. PLoS One. 2012; 7(5): e36341.	116013	Acre	1	0	0
Carlos AM, Souza RA, Souza BM, Pereira Gde A, Tostes Junior S, Martins PR, Moraes-Souza H. Hemoglobinopathies in newborns in the southern region of the Triangulo Mineiro, Brazil. Cross-sectional study. Sao Paulo Med J. 2015; 133(5): 439-44.	285961	Minas Gerais	1	1	1
Cholnoky P. Is breast-feeding in Hungary satisfactory. Acta Paediatr Hung. 1984; 25(1-2): 33-8.	145045	France	1	1	0
Cresta M, Avoundgoba N. Risultati dello studio longitudinale dalla nascita a 5 anni in un gruppo di bambini di Porto Novo (Repubblica Popolare del Benin). Riv Antropol. 1980; 61: 43-132.	142037	Benin	1	1	0
Danquah I, Ziniel P, Eggelte TA, Ehrhardt S, Mockenhaupt FP. Influence of haemoglobins S and C on predominantly asymptomatic Plasmodium infections in northern Ghana. Trans R Soc Trop Med Hyg. 2010; 104(11): 713-9.	116042	Ghana	1	1	0
Dash S, Chhanhimi L, Chhakchhuak L, Zomawaia E. Screening for haemoglobinopathies and G6PD deficiency among the Mizos of Mizoram: a preliminary study. Indian J Pathol Microbiol. 2005; 48(1): 178.	291106	Mizoram	1	1	1
Day TG, Thein SL, Drasar E, Dick MC, Height SE, O'Driscoll S, Rees DC. Changing pattern of hospital admissions of children with sickle cell disease over the last 50 years. J Pediatr Hematol Oncol. 2011; 33(7): 491-5.	116037	Greater London	1	0	0
De Ara<fa>jo MCPE, Serafim ESS, de Castro Jr WAP, de Medeiros TMD. Prevalence of abnormal hemoglobins in newborns in Natal, Rio Grande do Norte, Brazil. Cad Saude Publica. 2004; 20(1): 123-8.	110020	Rio Grande do Norte	1	0	0
Delicat-Loembet LM, Elguero E, Arnathau C, Durand P, Ollomo B, Ossari S, Mezui-me-ndong J, Mbang Mboro T, Becquart P, Nkoghe D, Leroy E, Sica L, Gonzalez JP, Prugnolle F, Renaud F. Prevalence of the sickle cell trait in Gabon: a nationwide study. Infect Genet Evol. 2014; 25: 52-6.	292591	Gabon	1	1	1
Devoucoux R, Hurpin C, Baudon D, Molez JF, Roux JF, Guilloud-Bataille M, Carnevale P, Feingold J. Population genetics of abnormal haemoglobins in Burkina Faso, West Africa. Ann Hum Biol. 1991; 18(4): 295-302.	142036	Burkina Faso, Niger	1	1	0
Diniz D, Guedes C, Barbosa L, Tauil PL, Magalh<e3>es I. Prevalence of sickle cell trait and sickle cell anemia among newborns in the Federal District, Brazil, 2004 to 2006. Cad Saude Publica. 2009; 25(1): 188-94.	110021	Distrito Federal	1	0	0
El-Hazmi MAF, Warsy AS. Appraisal of sickle-cell and thalassaemia genes in Saudi Arabia. East Mediterr Health J. 1999; 5(6): 1147-53.	96451	Saudi Arabia	1	0	0
Elderderly AY, Mohamed BA, Cooper AJ, Knight G, Mills J. Tribal distribution of haemoglobinopathies in a Sudanese patient population. J Med Lab Diagn. 2011; 2(4): 317.	292787	Sudan	1	1	1
Erazo BM, Ramirez GA, Cerrato LE, Pinto LJ, Castro EJ, Yanez NJ, Montoya B, Fontecha GA. Prevalence of Hb S (HHB: c.20A > T) in a Honduran population of African descent. Hemoglobin. 2015; 39(2): 134-7.	292583	Honduras	1	1	1
Ewing N, Powars D, Hilburn J, Schroeder WA. Newborn diagnosis of abnormal hemoglobins from a large municipal hospital in Los Angeles. Am J Public Health. 1981; 71(6): 629-31.	142065	California	1	1	0
Fattoum S, Abbes S. Some data on the epidemiology of hemoglobinopathies in Tunisia. Hemoglobin. 1985; 9(4): 423-9.	110047	Tunisia	1	0	0
Federal Ministry of Health (Nigeria), ICF International, National Population Commission (NPC). Nigeria Demographic and Health Survey 2018. Fairfax, United States of America: ICF International, 2020.	408484	Nigeria (all subnationals)	1	1	0
Fernandes APPC, Janurio JN, Cangussu CB, Macedo DL de, Viana MB. Mortality of children with sickle cell disease: a population study. J Pediatr (Rio J). 2010; 86(4): 279-84.	96452	Minas Gerais	1	1	1
Fleming AF, Storey J, Molineaux L, Iroko EA, Attai ED. Abnormal haemoglobins in the Sudan savanna of Nigeria. I. Prevalence of haemoglobins and relationships between sickle cell trait, malaria and survival. Ann Trop Med Parasitol. 1979; 73(2): 16172.	138582	Kano	1	1	0
Fonseca GHH, Souza R, Salemi VMC, Jardim CVP, Gualandro SFM. Pulmonary hypertension diagnosed by right heart catheterisation in sickle cell disease. Eur Respir J. 2012; 39(1): 112-8.	116038	São Paulo	1	0	0
Footo EM, Sullivan KM, Ruth LJ, Oremo J, Sadumah I, Williams TN, Suchdev PS. Determinants of anemia among preschool children in rural, western Kenya. Am J Trop Med Hyg. 2013; 88(4): 757-64.	116022	Kisumu	1	0	0
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Torres-Guerra E, Torres-Guerra T, Valbuena G, Arteaga Vizcano M, Soto L. [Frequency of sickle-cell anemia in the population of "Cuatro Bocas," Parroquia Ricaurte, Mara municipality, Zulia state, Venezuela]. Invest Clin. 1993; 34(2): 99-105.	142068	Venezuela (Bolivarian Republic of)	1	1	0
Tshilolo L, Aissi LM, Lukusa D, Kinsiana C, Wembonyama S, Gulbis B, Vertongen F. Neonatal screening for sickle cell anaemia in the Democratic Republic of the Congo: experience from a pioneer project on 31,204 newborns. J Clin Pathol. 2009; 62(1): 35-8.	96478	Democratic Republic of the Congo	1	0	0
Tshilolo L, Gulbis B, Barlow P, Damis E, Denis-Song R, Ferster A, Haumont D, Vanderpas JB, Pardou A, Schwers J, Vokaer A, Vertongen F. [Neonatal screening for hemoglobinopathies in the Brussels region]. Rev Med Brux. 1997; 18(2): 70-3.	142034	Belgium	1	0	0
Umoh AV, Abah GM, Ekanem TI, Essien EM. Haemoglobin genotypes: a prevalence study and implications for reproductive health in Uyo, Nigeria. Niger J Med. 2010; 19(1): 36-41.	96479	Akwa Ibom	1	1	0
Uyoga S, Macharia AW, Mochamah G, Ndila CM, Nyutu G, Makale J, Tendwa M, Nyatichi E, Ojal J, Otiende M, Shebe M, Awuondo KO, Mturi N, Peshu N, Tsofa B, Maitland K, Scott JAG, Williams TN. The epidemiology of sickle cell disease in children recruited in infancy in Kilifi, Kenya: a prospective cohort study. Lancet Glob Health. 2019; 7(10): e1458-e1466.	448123	Kilifi	1	1	0
Vierin Nzame Y, Badinga BB, Koko J, Blot P, Moussavou A. [Neonatal screening of the sickle cell disease in Gabon]. Med Afr Noire. 2012; 59(2): 959.	292652	Gabon	1	1	0

Vovor A, Feteke L, Kueviakoe IM, Kpatarou L, Mawussi K, Magnang H, Segbena AY. Blood typing profile of a school-aged population of a North Togo township. Hemoglobin. 2014; 38(5): 316-8.	285969	Togo	1	1	0
Wagner SC, de Castro SM, Gonzalez TP, Santin AP, Zaleski CF, Azevedo LA, Dreau H, Henderson S, Old J, Hutz MH. Neonatal screening for hemoglobinopathies: results of a public health system in South Brazil. Genet Test Mol Biomarkers. 2010; 14(4): 565-9.	116036	Rio Grande do Sul	1	1	1
Wang Y, Liu G, Caggana M, Kennedy J, Zimmerman R, Oyeku SO, Werner EM, Grant AM, Green NS, Grosse SD. Mortality of New York children with sickle cell disease identified through newborn screening. Genet Med. 2015; 17(6): 4529.	227988	New York	1	1	0
Watanabe AM, Pianovski MAD, Zanis Neto J, Lichtvan LCL, Chautard-Freire-Maia EA, Domingos MT, Wittig EO. [Prevalence of hemoglobin S in the State of Parana, Brazil, based on neonatal screening]. Cad Saude Publica. 2008; 24(5): 9931000.	227976	Paraná	1	1	1
Weatherall D. Sickle Cell and Thalassemias Prevalence Data, Personal Correspondence with David Weatherall. [Unpublished].	96480	Angola, Albania, United Arab Emirates, Burundi, Benin, Burkina Faso, Bahrain, Bahamas, Brazil, Botswana, Central African Republic, Canada, Côte d'Ivoire, Cameroon, Democratic Republic of the Congo, Congo, Colombia, Comoros, Cabo Verde, Cuba, Germany, Dominican Republic, Algeria, Egypt, Ethiopia, France, Gabon, United Kingdom, Ghana, Guinea, Gambia, Guinea-Bissau, Equatorial Guinea, Greece, Haiti, India, Iran (Islamic Republic of), Iraq, Italy, Jamaica, Kenya, Kuwait, Lebanon, Liberia, Libya, Morocco, Madagascar, Mexico, Mali, Mozambique, Mauritania, Malawi, Namibia, Niger, Nigeria, Oman, Pakistan, Rwanda, Saudi Arabia, Sudan, Senegal, Sierra Leone, Somalia, Sao Tome and Principe, Syrian Arab Republic, Chad, Togo, Tunisia, Türkiye, United Republic of Tanzania, Uganda, United States of America, Venezuela (Bolivarian Republic of), Yemen, South Africa, Zambia, Zimbabwe	1	1	1
White JM, Byrne M, Richards R, Buchanan T, Katsoulis E, Weerasingh K. Red cell genetic abnormalities in Peninsular Arabs: sickle haemoglobin, G6PD deficiency, and alpha and beta thalassaemia. J Med Genet. 1986; 23(3): 245-51.	110043	United Arab Emirates, Oman, Yemen	1	0	0
Williams TN, Mwangi TW, Wambua S, Alexander ND, Kortok M, Snow RW, Marsh K. Sickle cell trait and the risk of Plasmodium falciparum malaria and other childhood diseases. J Infect Dis. 2005; 192(1): 178-86.	116049	Kilifi	1	0	0
Yorke D, Mitchell J, Clow C, Nuguid E, Cadogan R, Sinclair D, Luscombe S, Rozen R, Meredith P, Esseltine D. Newborn screening for sickle cell and other hemoglobinopathies: a Canadian pilot study. Clin Invest Med. 1992; 15(4): 376-83.	96482	Canada	1	0	0
Zago MA, Costa FF, Tone LG, Bottura C. Hereditary hemoglobin disorders in a Brazilian population. Hum Hered. 1983; 33(2): 125-9.	142042	São Paulo	1	0	0
el-Hazmi MA, Warsy AS, Bahakim HH, al-Swailem A. Glucose-6-phosphate dehydrogenase deficiency and the sickle cell gene in Makkah, Saudi Arabia. J Trop Pediatr. 1994; 40(1): 12-6.	128621	Saudi Arabia	1	0	0
el-Hazmi MA, Warsy AS. Interaction between glucose-6-phosphate dehydrogenase deficiency and sickle cell gene in Saudi Arabia. Trop Geogr Med. 1987; 39(1): 32-5.	141403	Saudi Arabia	1	0	0

*NID (node identifier) corresponds to a unique identifier assigned upon extraction and upload into the Global Health Data Exchange (GHDX). The NID can be used to search for the source on ghdx.healthdata.org. The 0 and 1 represent whether the citation applies to the genotype (1= yes, 0 = no)

Table S5. Cause of death cause specific mortality data citations for sickle cell disorders and haemoglobinopathies and haemolytic anaemias.

Citation	Locations covered	Data type	Haemoglobinopathies and haemolytic anaemias	Sickle cell disorders
Center for Demographic Research, New Economic School (Russia). Russia Mortality Rates by Region, 1-Year Age Groups, and Sex, 2015-2017. Moscow, Russia: Center for Demographic Research, New Economic School (Russia). http://demogr.nes.ru/index.php/ru/demogr_indicat/data	Russia (subnationals) and Ukraine	VR	1	1
Center for Demographic Research, New Economic School (Russia). Russia Mortality Rates by Region, Age, Sex, and Cause of Death 1989-1998. Moscow, Russia: Center for Demographic Research, New Economic School (Russia). http://demogr.nes.ru/index.php/ru/demogr_indicat/data	Russian Federation (some subnationals)	VR	1	1
Center for Demographic Research, New Economic School (Russia). Russia Mortality Rates by Region, Age, Sex, and Cause of Death 1999-2005. Moscow, Russia: Center for Demographic Research, New Economic School (Russia). http://demogr.nes.ru/index.php/ru/demogr_indicat/data	Russian Federation (all subnationals)	VR	1	1
Center for Demographic Research, New Economic School (Russia). Russia Mortality Rates by Region, Age, Sex, and Cause of Death 2006-2012. Moscow, Russia: Center for Demographic Research, New Economic School (Russia). http://demogr.nes.ru/index.php/ru/demogr_indicat/data	Russian Federation (all subnationals)	VR	1	1
Center for Demographic Research, New Economic School (Russia). Russia Mortality Rates by Region, Cause of Death, 5-Year Age Groups, and Sex, 2011-2014. Moscow, Russia: Center for Demographic Research, New Economic School (Russia). http://demogr.nes.ru/index.php/ru/demogr_indicat/data	Russian Federation (all subnationals)	VR	1	1
Center for Demographic Research, New Economic School (Russia). USSR - Russia Mortality Rates by Region, Age, Sex, and Cause of Death 1969-1989. Moscow, Russia: Center for Demographic Research, New Economic School (Russia). http://demogr.nes.ru/index.php/ru/demogr_indicat/data	Russian Federation (some subnationals)	VR	1	1
Centers for Disease Control and Prevention (CDC), Child Health and Mortality Prevention Surveillance (CHAMPS) Network, Deloitte Consulting LLP, Emory Global Health Institute (EGHI), International Association of National Public Health Institutes (IANPHI), Task Force for Global Health, Emory University. Child Health and Mortality Prevention Surveillance (CHAMPS) Network Program.	Ethiopia, Kenya, Mali, Kisumu, Harari	MITS	1	1
Guyana Vital Registration - Deaths 2000 ICD10 - PAHO.	Guyana	VR	1	1
Hoa NP, Rao C, Hoy DG, Hinh ND, Chuc NT, Ngo DA. Mortality measures from sample-based surveillance: evidence of the epidemiological transition in Viet Nam. Bull World Health Organ. 2012; 90(10): 764-72. [Unpublished data].	Viet Nam	VA	0	1
Hospital Mortality Data 2002-2007.	Oman	VR	1	1
INDEPTH. Tanzania - Ifakara Health and Demographic Surveillance System.	United Republic of Tanzania	VA	1	1
India SRS Verbal Autopsy 2004-2006. [Unpublished].	India (some subnationals)	VA	1	1
India SRS Verbal Autopsy 2007-2009. [Unpublished].	India (some subnationals)	VA	1	1
India SRS Verbal Autopsy 2010-2013. [Unpublished].	India (some subnationals)	VA	1	1
Iraq Causes of Death 2012. 	Iraq	VR	1	1
Iraq Causes of Death 2013. 	Iraq	VR	1	1
Iraq Causes of Death 2014. 	Iraq	VR	1	1
Iraq Causes of Death 2015. 	Iraq	VR	1	1
Iraq Causes of Death 2016. 	Iraq	VR	1	1
MRC/Wits Rural Public Health and Health Transitions Research Unit (Agincourt), INDEPTH. South Africa - Agincourt Health and Socio-Demographic Surveillance System.	South Africa (some subnationals)	VA	1	1
Muhwava W. Contributions of the Africa Centre Demographic Surveillance to the Community. Umbiko. 2011; 12. 3-4.	South Africa (some subnationals)	VA	1	1
Munthali CV, Kangoma S, Nasasara K, Zaina LM, Lupafya C, Mziya J, Harries AD, Takarinda KC, Kwataine M, Dambula I. Can a village headman use an electronic village register and a simplified community-based verbal autopsy tool to record numbers and causes of death in rural Malawi? [Unpublished data]. Front Public Health. 2018; 6(246): 1-11.	Malawi	VA	0	1
Office of Civil Service (Monaco), Government of Monaco. Monaco Vital Registration - Causes of Death 2011.	Monaco	VR	1	1
Office of Civil Service (Monaco), Government of Monaco. Monaco Vital Registration - Causes of Death 2012.	Monaco	VR	1	1
Office of Civil Service (Monaco), Government of Monaco. Monaco Vital Registration - Causes of Death 2013.	Monaco	VR	1	1
Peru Vital Statistics - Deaths 2001-2006.	Peru	VR	1	1
Porapakkham Y, Rao C, Pattaraarchachai J, Polprasert W, Vos T, Adair T, Lopez AD. Estimated causes of death in Thailand, 2005: implications for health policy. Popul Health Metr. 2010; 8:14.	Thailand	VA	1	1
Russian Fertility and Mortality database (RusFMD). Center for Demographic Research, New Economic School (Russia). Russia and regions, one-year age groups, 2015-2019. Moscow, Russia: Center for Demographic Research, New Economic School (Russia). http://demogr.nes.ru/index.php/ru/demogr_indicat/data	Russia (subnationals) and Ukraine	VR	1	1

Zimbabwe Vital Statistics - Deaths 1995.	Zimbabwe	VR	1	1
Addis Ababa University. Ethiopia - Addis Ababa Mortality Surveillance Program 2006.	Addis Ababa	VA	1	0
African Population and Health Research Center, INDEPTH. Kenya - Nairobi Urban Health and Demographic Surveillance System.	Kenya (some subnationals)	VA	1	1
Agency of Health Research and Development (Indonesia). Indonesia Basic Health Research 2007-2008.	Indonesia (some subnationals)	VA	1	1
Agency of Health Research and Development (Indonesia). Indonesia Mortality Registration System Strengthening Project.	Indonesia (some subnationals)	VA	1	1
Agency of Health Research and Development (Indonesia). Indonesia Sample Registration System - Deaths 2015.	Indonesia (some subnationals)	VA	1	1
Antigua and Barbuda Vital Statistics - Deaths 1996-1999.	Antigua and Barbuda	VR	1	1
Associates for Community and Population Research (ACPR), International Centre for Diarrhoeal Disease Research, Bangladesh (ICDDR,B), Johns Hopkins University, Mitra and Associates, National Institute of Population Research and Training (NIPORT), ORC Macro. Bangladesh Special Demographic and Health Survey 2001. Fairfax, United States of America: ICF International.	Bangladesh	VA	1	1
Australian Bureau of Statistics. Australia Vital Registration - Deaths 2005.	Australia	VR	1	1
BRAC. Bangladesh Verbal Autopsy Study 2015.	Bangladesh	VA	0	1
Baskent University, Ministry of Health (Turkey), State Institute of Statistics (Turkey). Turkey Verbal Autopsy Survey 2003.	Türkiye	VA	1	1
Births and Deaths Registry (Ghana). Ghana - Accra Births and Deaths Registry - Deaths 2000-2007.	Ghana	VR	1	1
Centers for Disease Control and Prevention (CDC), INDEPTH, International Vaccine Institute. Bangladesh - Abhoynagar, Mirsarai, and Kamalapur Health and Demographic Surveillance System.	Bangladesh	VA	1	1
Centers for Disease Control and Prevention (CDC), Kenya Medical Research Institute (KEMRI). Kenya KEMRI/CDC Health and Demographic Surveillance System.	Kenya (some subnationals)	VA	0	1
Centers for Disease Control and Prevention (CDC), MEASURE Evaluation Project, Carolina Population Center, University of North Carolina, Ministry of Health (Mozambique), National Institute of Statistics (INE) (Mozambique), United States Census Bureau (USCB). Mozambique National Survey on the Causes of Death 2007-2008.	Mozambique	VA	0	1
Central Statistical Office (Poland), National Institute of Public Health-National Institute of Hygiene (NIPH-NIH) (Poland). Poland Vital Registration - Causes of Death Data 1999.	Poland (all subnationals)	VR	1	1
Central Statistical Office (Poland), National Institute of Public Health-National Institute of Hygiene (NIPH-NIH) (Poland). Poland Vital Registration - Causes of Death Data 2000.	Poland (all subnationals)	VR	1	1
Central Statistical Office (Poland), National Institute of Public Health-National Institute of Hygiene (NIPH-NIH) (Poland). Poland Vital Registration - Causes of Death Data 2001.	Poland (all subnationals)	VR	1	1
Central Statistical Office (Poland), National Institute of Public Health-National Institute of Hygiene (NIPH-NIH) (Poland). Poland Vital Registration - Causes of Death Data 2002.	Poland (all subnationals)	VR	1	1
Central Statistical Office (Poland), National Institute of Public Health-National Institute of Hygiene (NIPH-NIH) (Poland). Poland Vital Registration - Causes of Death Data 2003.	Poland (all subnationals)	VR	1	1
Central Statistical Office (Poland), National Institute of Public Health-National Institute of Hygiene (NIPH-NIH) (Poland). Poland Vital Registration - Causes of Death Data 2004.	Poland (all subnationals)	VR	1	1
Central Statistical Office (Poland), National Institute of Public Health-National Institute of Hygiene (NIPH-NIH) (Poland). Poland Vital Registration - Causes of Death Data 2005.	Poland (all subnationals)	VR	1	1
Central Statistical Office (Poland), National Institute of Public Health-National Institute of Hygiene (NIPH-NIH) (Poland). Poland Vital Registration - Causes of Death Data 2006.	Poland (all subnationals)	VR	1	1
Central Statistical Office (Poland), National Institute of Public Health-National Institute of Hygiene (NIPH-NIH) (Poland). Poland Vital Registration - Causes of Death Data 2007.	Poland (all subnationals)	VR	1	1
Central Statistical Office (Poland), National Institute of Public Health-National Institute of Hygiene (NIPH-NIH) (Poland). Poland Vital Registration - Causes of Death Data 2008.	Poland (all subnationals)	VR	1	1
Central Statistical Office (Poland), National Institute of Public Health-National Institute of Hygiene (NIPH-NIH) (Poland). Poland Vital Registration - Causes of Death Data 2009.	Poland (all subnationals)	VR	1	1
Central Statistical Office (Poland), National Institute of Public Health-National Institute of Hygiene (NIPH-NIH) (Poland). Poland Vital Registration - Causes of Death Data 2010.	Poland (all subnationals)	VR	1	1
Central Statistical Office (Poland), National Institute of Public Health-National Institute of Hygiene (NIPH-NIH) (Poland). Poland Vital Registration - Causes of Death Data 2011.	Poland (all subnationals)	VR	1	1
Central Statistical Office (Poland), National Institute of Public Health-National Institute of Hygiene (NIPH-NIH) (Poland). Poland Vital Registration - Causes of Death Data 2012.	Poland (all subnationals)	VR	1	1
Central Statistical Office (Poland), National Institute of Public Health-National Institute of Hygiene (NIPH-NIH) (Poland). Poland Vital Registration - Causes of Death Data 2013.	Poland (all subnationals)	VR	1	1
Central Statistical Office (Poland), National Institute of Public Health-National Institute of Hygiene (NIPH-NIH) (Poland). Poland Vital Registration - Causes of Death Data 2014.	Poland (all subnationals)	VR	1	1

Department of Statistics and Health Information, Ministry of Health (Chile), National Institute of Statistics (Chile). Chile Vital Statistics - Deaths 1991. Santiago, Chile: Department of Statistics and Health Information, Ministry of Health (Chile).	Chile	VR	1	1
Department of Statistics and Health Information, Ministry of Health (Chile), National Institute of Statistics (Chile). Chile Vital Statistics - Deaths 1992. Santiago, Chile: Department of Statistics and Health Information, Ministry of Health (Chile).	Chile	VR	1	1
Department of Statistics and Health Information, Ministry of Health (Chile), National Institute of Statistics (Chile). Chile Vital Statistics - Deaths 1993. Santiago, Chile: Department of Statistics and Health Information, Ministry of Health (Chile).	Chile	VR	1	1
Department of Statistics and Health Information, Ministry of Health (Chile), National Institute of Statistics (Chile). Chile Vital Statistics - Deaths 1994. Santiago, Chile: Department of Statistics and Health Information, Ministry of Health (Chile).	Chile	VR	1	1
Department of Statistics and Health Information, Ministry of Health (Chile), National Institute of Statistics (Chile). Chile Vital Statistics - Deaths 1995. Santiago, Chile: Department of Statistics and Health Information, Ministry of Health (Chile).	Chile	VR	1	1
Department of Statistics and Health Information, Ministry of Health (Chile), National Institute of Statistics (Chile). Chile Vital Statistics - Deaths 1996. Santiago, Chile: Department of Statistics and Health Information, Ministry of Health (Chile).	Chile	VR	1	1
Directorate of Economics and Statistics, Government of Karnataka, Office of the Chief Registrar of Births and Deaths, Government of Karnataka. India - Karnataka Medical Certification of Cause of Death Report 2016. Bangalore, India: Directorate of Economics and Statistics, Government of Karnataka, 2018.	Karnataka (some subnationals)	VR	1	0
Directorate of Economics and Statistics, Government of Karnataka, Office of the Chief Registrar of Births and Deaths, Government of Karnataka. India - Karnataka Medical Certification of Cause of Death Report 2017. Bangalore, India: Directorate of Economics and Statistics, Government of Karnataka, 2018.	Karnataka (some subnationals)	VR	1	0
Directorate of Health (Iceland). Iceland Causes of Death Register 2017.	Iceland	VR	1	1
Directorate of Health (Iceland). Iceland Causes of Death Register 2018.	Iceland	VR	1	1
Directorate of Health (Iceland). Iceland Causes of Death Register 2019.	Iceland	VR	1	1
Directorate of Health (Iceland). Iceland Causes of Death Register 2020.	Iceland	VR	1	1
Ekanem EE, Asindi AA, Okoi OU. Community-based surveillance of paediatric deaths in Cross River State, Nigeria. <i>Trop Geogr Med</i>. 1994; 46(5): 305-8.	Nigeria (some subnationals)	VA	1	1
Ethiopian Public Health Association. Ethiopia Demographic Surveillance Verbal Autopsy Data 2009-2016.	Ethiopia (some subnationals)	VA	1	1
Federal Competitiveness and Statistics Authority (United Arab Emirates), Ministry of Health and Prevention (United Arab Emirates). United Arab Emirates - Abu Dhabi Causes of Death 2014.	United Arab Emirates	VR	1	1
Federal Competitiveness and Statistics Authority (United Arab Emirates), Ministry of Health and Prevention (United Arab Emirates). United Arab Emirates - Abu Dhabi Causes of Death 2015.	United Arab Emirates	VR	1	1
Federal Competitiveness and Statistics Authority (United Arab Emirates), Ministry of Health and Prevention (United Arab Emirates). United Arab Emirates - Abu Dhabi Causes of Death 2016.	United Arab Emirates	VR	1	1
Federal Competitiveness and Statistics Authority (United Arab Emirates), Ministry of Health and Prevention (United Arab Emirates). United Arab Emirates - Abu Dhabi Causes of Death 2017.	United Arab Emirates	VR	1	1
Federal Competitiveness and Statistics Authority (United Arab Emirates), Ministry of Health and Prevention (United Arab Emirates). United Arab Emirates - Abu Dhabi Causes of Death 2018.	United Arab Emirates	VR	1	1
General Directorate of Strategic Health Information (DIGIES) (Paraguay), Ministry of Health (Paraguay). Paraguay Vital Registration - Deaths 2004.	Paraguay	VR	1	1
General Directorate of Strategic Health Information (DIGIES) (Paraguay), Ministry of Health (Paraguay). Paraguay Vital Registration - Deaths 2005.	Paraguay	VR	1	1
General Directorate of Strategic Health Information (DIGIES) (Paraguay), Ministry of Health (Paraguay). Paraguay Vital Registration - Deaths 2006.	Paraguay	VR	1	1
General Directorate of Strategic Health Information (DIGIES) (Paraguay), Ministry of Health (Paraguay). Paraguay Vital Registration - Deaths 2007.	Paraguay	VR	1	1
General Directorate of Strategic Health Information (DIGIES) (Paraguay), Ministry of Health (Paraguay). Paraguay Vital Registration - Deaths 2008.	Paraguay	VR	1	1
General Directorate of Strategic Health Information (DIGIES) (Paraguay), Ministry of Health (Paraguay). Paraguay Vital Registration - Deaths 2009.	Paraguay	VR	1	1
General Directorate of Strategic Health Information (DIGIES) (Paraguay), Ministry of Health (Paraguay). Paraguay Vital Registration - Deaths 2010.	Paraguay	VR	1	1
General Directorate of Strategic Health Information (DIGIES) (Paraguay), Ministry of Health (Paraguay). Paraguay Vital Registration - Deaths 2011.	Paraguay	VR	1	1
General Directorate of Strategic Health Information (DIGIES) (Paraguay), Ministry of Health (Paraguay). Paraguay Vital Registration - Deaths 2012.	Paraguay	VR	1	1
General Directorate of Strategic Health Information (DIGIES) (Paraguay), Ministry of Health (Paraguay). Paraguay Vital Registration - Deaths 2013.	Paraguay	VR	1	1

General Directorate of Strategic Health Information (DIGIES) (Paraguay), Ministry of Health (Paraguay). Paraguay Vital Registration - Deaths 2014.	Paraguay	VR	1	1
General Directorate of Strategic Health Information (DIGIES) (Paraguay), Ministry of Health (Paraguay). Paraguay Vital Registration - Deaths 2015.	Paraguay	VR	1	1
General Directorate of Strategic Health Information (DIGIES) (Paraguay), Ministry of Health (Paraguay). Paraguay Vital Registration - Deaths 2016.	Paraguay	VR	1	1
General Directorate of Strategic Health Information (DIGIES) (Paraguay), Ministry of Health (Paraguay). Paraguay Vital Registration - Deaths 2017.	Paraguay	VR	1	1
Ghana Health Service, Ghana Statistical Service, ICF International. Ghana Special Demographic and Health Survey 2017. Fairfax, United States of America: ICF International, 2018.	Ghana	VA	1	1
Ghana Health Service, Ghana Statistical Service, Macro International, Inc. Ghana Special Demographic and Health Survey 2007-2008. Fairfax, United States of America: ICF International.	Ghana	VA	0	1
ICF International, Ministry of Health (Nepal), New ERA. Nepal Demographic and Health Survey 2016-2017. Fairfax, United States of America: ICF International, 2017.	Nepal	VA	1	1
INDEPTH, International Centre for Diarrhoeal Disease Research, Bangladesh (ICDDR,B). Bangladesh - Matlab Health and Demographic Surveillance System.	Bangladesh	VA	1	1
INDEPTH, Manhica Health Research Center (CISM). Mozambique - Manhiça Health and Demographic Surveillance System.	Mozambique	VA	0	1
INDEPTH, Nouna Health Research Center (CRSN) (Burkina Faso). Burkina Faso - Nouna Health and Demographic Surveillance System.	Burkina Faso	VA	1	1
Indian Council of Medical Research (ICMR). India Study on Causes of Death by Verbal Autopsy 2003.	India, Assam, Urban, Maharashtra, Urban, Rajasthan, Urban, Tamil Nadu, Urban, Bihar, Rural, Maharashtra, Rural, Rajasthan, Rural, Tamil Nadu, Rural	VA	1	1
Institute for Health Metrics and Evaluation (IHME). IHME GBD India - Andhra Pradesh Cause-Specific Mortality Estimates.	Andhra Pradesh	VA	1	0
Institute for Health Metrics and Evaluation (IHME). IHME GBD India - Assam Cause-Specific Mortality Estimates.	Assam	VA	1	0
Institute for Health Metrics and Evaluation (IHME). IHME GBD India - Bihar Cause-Specific Mortality Estimates.	Bihar	VA	1	0
Institute for Health Metrics and Evaluation (IHME). IHME GBD India - Gujarat Cause-Specific Mortality Estimates.	Gujarat	VA	1	0
Institute for Health Metrics and Evaluation (IHME). IHME GBD India - Haryana Cause-Specific Mortality Estimates.	Haryana	VA	1	0
Institute for Health Metrics and Evaluation (IHME). IHME GBD India - Himachal Pradesh Cause-Specific Mortality Estimates.	Himachal Pradesh	VA	1	0
Institute for Health Metrics and Evaluation (IHME). IHME GBD India - Jammu and Kashmir Cause-Specific Mortality Estimates.	Jammu & Kashmir and Ladakh	VA	1	0
Institute for Health Metrics and Evaluation (IHME). IHME GBD India - Karnataka Cause-Specific Mortality Estimates.	Karnataka	VA	1	0
Institute for Health Metrics and Evaluation (IHME). IHME GBD India - Kerala Cause-Specific Mortality Estimates.	Kerala	VA	1	0
Institute for Health Metrics and Evaluation (IHME). IHME GBD India - Madhya Pradesh Cause-Specific Mortality Estimates.	Madhya Pradesh	VA	1	0
Institute for Health Metrics and Evaluation (IHME). IHME GBD India - Maharashtra Cause-Specific Mortality Estimates.	Maharashtra	VA	1	0
Institute for Health Metrics and Evaluation (IHME). IHME GBD India - Meghalaya Cause-Specific Mortality Estimates.	Meghalaya	VA	1	0
Institute for Health Metrics and Evaluation (IHME). IHME GBD India - Odisha Cause-Specific Mortality Estimates.	Odisha	VA	1	0
Institute for Health Metrics and Evaluation (IHME). IHME GBD India - Punjab Cause-Specific Mortality Estimates.	Punjab	VA	1	0
Institute for Health Metrics and Evaluation (IHME). IHME GBD India - Rajasthan Cause-Specific Mortality Estimates.	Rajasthan	VA	1	0
Institute for Health Metrics and Evaluation (IHME). IHME GBD India - Tamil Nadu Cause-Specific Mortality Estimates.	Tamil Nadu	VA	1	0
Institute for Health Metrics and Evaluation (IHME). IHME GBD India - Telangana Cause-Specific Mortality Estimates.	Telangana	VA	1	0
Institute for Health Metrics and Evaluation (IHME). IHME GBD India - Uttar Pradesh Cause-Specific Mortality Estimates.	Uttar Pradesh	VA	1	0
Institute for Health Metrics and Evaluation (IHME). IHME GBD India - West Bengal Cause-Specific Mortality Estimates.	West Bengal	VA	1	0
Institute for Health Metrics and Evaluation (IHME). IHME GBD India Cause-Specific Mortality Estimates.	India	VA	1	0
Institute of Health Systems (India). India Cause of Death Dataset Version 1.3 1980-1998. Hyderabad, India: Institute of Health Systems (India), 2002.	India (some subnationals)	VA	1	0
International Centre for Diarrhoeal Disease Research, Bangladesh (ICDDR,B). Bangladesh - Chandpur and Comilla District Verbal Autopsy Study 2011-2014.	Bangladesh	VA	1	1
Italian National Institute of Statistics. Italy Vital Registration - Deaths 1980. Rome, Italy: Italian National Institute of Statistics.	Italy (all subnationals)	VR	1	1
Italian National Institute of Statistics. Italy Vital Registration - Deaths 1981. Rome, Italy: Italian National Institute of Statistics.	Italy (all subnationals)	VR	1	1
Italian National Institute of Statistics. Italy Vital Registration - Deaths 1982. Rome, Italy: Italian National Institute of Statistics.	Italy (all subnationals)	VR	1	1

Ministry of Health (Palestine). Palestine - Gaza Strip and West Bank Mortality by Sex, Age, and Cause 2017.	Palestine	VR	1	1
Ministry of Health (Palestine). Palestine - Gaza Strip and West Bank Mortality by Sex, Age, and Cause 2018.	Palestine	VR	1	1
Ministry of Health (Saudi Arabia). Saudi Arabia Vital Registration - Deaths 1996-2011.	Saudi Arabia	VR	1	1
Ministry of Health (Saudi Arabia). Saudi Arabia Vital Registration - Deaths 2009-2013.	Saudi Arabia	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 1980.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 1981.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 1982.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 1983.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 1984.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 1985.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 1986.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 1987.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 1988.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 1989.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 1990.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 1991.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 1992.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 1993.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 1994.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 1995.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 1996.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 1997.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 1998.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 1999.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 2000.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 2001.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 2002.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 2003.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 2004.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 2005.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 2006.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 2007.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 2008.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 2009.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 2010.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 2011.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 2012.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 2013.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 2014.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 2015.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 2016.	Singapore	VR	1	1
Ministry of Health (Singapore). Singapore Causes of Death 2017.	Singapore	VR	1	1
Ministry of Health and Medical Education (Iran). Iran Death Registration System 2001.	Iran (Islamic Republic of) (some subnationals)	VR	1	1
Ministry of Health and Medical Education (Iran). Iran Death Registration System 2002.	Iran (Islamic Republic of) (some subnationals)	VR	1	1

Palestinian Central Bureau of Statistics. Palestine - West Bank Vital Registration - Deaths 1999.	Palestine	VR	1	1
Palestinian Central Bureau of Statistics. Palestine - West Bank Vital Registration - Deaths 2000.	Palestine	VR	1	1
Palestinian Central Bureau of Statistics. Palestine - West Bank Vital Registration - Deaths 2001.	Palestine	VR	1	1
Palestinian Central Bureau of Statistics. Palestine - West Bank Vital Registration - Deaths 2002.	Palestine	VR	1	1
Palestinian Central Bureau of Statistics. Palestine - West Bank Vital Registration - Deaths 2003.	Palestine	VR	1	1
Palestinian Central Bureau of Statistics. Palestine - West Bank Vital Registration - Deaths 2004.	Palestine	VR	1	1
Palestinian Central Bureau of Statistics. Palestine - West Bank Vital Registration - Deaths 2005.	Palestine	VR	1	1
Palestinian Central Bureau of Statistics. Palestine - West Bank Vital Registration - Deaths 2007.	Palestine	VR	1	1
Philippines Statistics Authority. Philippines Vital Registration - Deaths 2013.	Philippines (some subnationals)	VR	1	1
Philippines Statistics Authority. Philippines Vital Registration - Deaths 2014.	Philippines (some subnationals)	VR	1	1
Philippines Statistics Authority. Philippines Vital Registration - Deaths 2015.	Philippines (some subnationals)	VR	1	1
Philippines Statistics Authority. Philippines Vital Registration - Deaths 2016.	Philippines (some subnationals)	VR	1	1
Philippines Statistics Authority. Philippines Vital Registration - Deaths 2017.	Philippines (some subnationals)	VR	1	1
Philippines Statistics Authority. Philippines Vital Registration - Deaths 2018.	Philippines (some subnationals)	VR	1	1
Portugal Vital Statistics - Deaths 2005-2006.	Portugal	VR	1	1
Registrar General's Department (Zimbabwe), Zimbabwe National Statistics Agency. Zimbabwe Mortality Report 2007.	Zimbabwe	VR	1	1
State Statistics Service (Ukraine). Ukraine Vital Registration - Deaths 2013.	Ukraine (all subnationals)	VR	1	1
State Statistics Service (Ukraine). Ukraine Vital Registration - Deaths 2015.	Ukraine (some subnationals)	VR	1	1
State Statistics Service (Ukraine). Ukraine Vital Registration - Deaths 2016.	Ukraine (some subnationals)	VR	1	1
Statistics Belgium. Belgium Vital Registration - Causes of Deaths 2017.	Belgium	VR	1	1
Statistics Belgium. Belgium Vital Registration - Causes of Deaths 2018.	Belgium	VR	1	1
Statistics Portugal. Portugal Vital Registration - Deaths 1980.	Portugal	VR	1	1
Statistics Portugal. Portugal Vital Registration - Deaths 1981.	Portugal	VR	1	1
Statistics Portugal. Portugal Vital Registration - Deaths 1982.	Portugal	VR	1	1
Statistics Portugal. Portugal Vital Registration - Deaths 1983.	Portugal	VR	1	1
Statistics Portugal. Portugal Vital Registration - Deaths 2004.	Portugal	VR	1	1
Suriname Vital Statistics - Deaths 2007.	Suriname	VR	1	1
World Health Organization (WHO). WHO Mortality Database Version April 2018. Geneva, Switzerland: World Health Organization (WHO).	China, Thailand, Armenia, Mongolia, Tajikistan, Croatia, Czechia, Hungary, Montenegro, Romania, Lithuania, Republic of Moldova, Belgium, Cyprus, Greece, Israel, Malta, Netherlands, Switzerland, United Kingdom, Argentina, Dominican Republic, Colombia, Bahrain, Qatar, Türkiye, Hong Kong Special Administrative Region of China, Saint Kitts and Nevis, Northern Ireland, Kazakhstan, Turkmenistan, Seychelles, San Marino	VR	1	1
World Health Organization (WHO). WHO Mortality Database Version December 2018. Geneva, Switzerland: World Health Organization (WHO).	Maldives, Armenia, Kyrgyzstan, Uzbekistan, Estonia, Lithuania, Brunei Darussalam, Republic of Korea, Australia, Austria, France, Ireland, Portugal, Spain, Argentina, Chile, Uruguay, Canada, Antigua and Barbuda, Bahamas, Belize, Cuba, Grenada, Guyana, Jamaica, Saint Vincent and the Grenadines, Trinidad and Tobago, Ecuador, Nicaragua, Panama, Türkiye, Mauritius, Bermuda, Saint Kitts and Nevis	VR	1	1
World Health Organization (WHO). WHO Mortality Database Version December 2019. Geneva, Switzerland: World Health Organization (WHO).	China (some subnationals)	VR	1	1
World Health Organization (WHO). WHO Mortality Database Version February 2014. Geneva, Switzerland: World Health Organization (WHO).	Panama	VR	1	1

World Health Organization (WHO). WHO Mortality Database Version July 2012. Geneva, Switzerland: World Health Organization (WHO).	Finland, Iceland, Cabo Verde	VR	1	0
World Health Organization (WHO). WHO Mortality Database Version June 2021. Geneva, Switzerland: World Health Organization (WHO).	United Kingdom (some subnationals)	VR	1	1
World Health Organization (WHO). WHO Mortality Database Version March 2017. Geneva, Switzerland: World Health Organization (WHO).	Armenia, Kyrgyzstan, Uzbekistan, Albania, Czechia, Hungary, North Macedonia, Romania, Serbia, Slovenia, Lithuania, Republic of Moldova, Belgium, Cyprus, Denmark, Greece, Iceland, Israel, Netherlands, Canada, Jordan, Qatar, Monaco, Saint Kitts and Nevis, San Marino	VR	1	1
World Health Organization (WHO). WHO Mortality Database Version March 2021. Geneva, Switzerland: World Health Organization (WHO).	United Kingdom (some subnationals)	VR	1	1
World Health Organization (WHO). WHO Mortality Database Version May 2019. Geneva, Switzerland: World Health Organization (WHO).	China, Kazakhstan, Bosnia and Herzegovina, Bulgaria, Czechia, Hungary, Romania, Serbia, Republic of Moldova, Australia, Belgium, Finland, Germany, Greece, Israel, Luxembourg, Switzerland, United Kingdom, Jordan, Qatar, Hong Kong Special Administrative Region of China, Northern Ireland	VR	1	1
World Health Organization (WHO). WHO Mortality Database Version November 2015. Geneva, Switzerland: World Health Organization (WHO).	China, Kiribati, Albania, Bulgaria, Croatia, Czechia, Hungary, North Macedonia, Slovakia, Slovenia, Estonia, Lithuania, Australia, Austria, Belgium, France, Germany, Greece, Iceland, Ireland, Israel, Luxembourg, Malta, Netherlands, Portugal, Spain, United Kingdom, Canada, Cuba, Dominica, Dominican Republic, Guyana, Saint Vincent and the Grenadines, Ecuador, Guatemala, Mauritius, Macao Special Administrative Region of China, San Marino, Northern Ireland, Scotland, Sri Lanka, Armenia, Azerbaijan, Kazakhstan, Turkmenistan, Belarus, Ukraine, Brunei Darussalam, Oman, Syrian Arab Republic, Seychelles, Republic of Crimea, Sevastopol, Ukraine (without Crimea & Sevastopol)	VR	1	1
World Health Organization (WHO). WHO Mortality Database Version October 2017. Geneva, Switzerland: World Health Organization (WHO).	China, Malaysia, Maldives, Sri Lanka, Thailand, Fiji, Kiribati, Armenia, Azerbaijan, Georgia, Kazakhstan, Kyrgyzstan, Uzbekistan, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Hungary, North Macedonia, Montenegro, Romania, Serbia, Slovakia, Slovenia, Estonia, Latvia, Lithuania, Republic of Moldova, Brunei Darussalam, Republic of Korea, Australia, Austria, Belgium, Cyprus, Denmark, Finland, France, Germany, Iceland, Ireland, Israel, Luxembourg, Malta, Netherlands, Portugal, Spain, Switzerland, United Kingdom, Argentina, Chile, Uruguay, Canada, Antigua and Barbuda, Bahamas, Barbados, Belize, Cuba, Dominica, Dominican Republic, Grenada, Guyana, Jamaica, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, Ecuador, Peru, Colombia, Costa Rica, El Salvador, Guatemala, Nicaragua, Panama, Venezuela (Bolivarian Republic of), Paraguay, Bahrain, Iraq, Jordan, Kuwait, Palestine, Qatar, Syrian Arab Republic, Türkiye, Mauritius, Cabo Verde, Bermuda, Hong Kong Special Administrative Region of China, Northern Ireland, Scotland, Andorra	VR	1	1
World Health Organization (WHO). WHO Mortality Database Version September 2016. Geneva, Switzerland: World Health Organization (WHO).	China, Albania, Bosnia and Herzegovina, Bulgaria, North Macedonia, Romania, Lithuania, Republic	VR	1	0

	of Moldova, Republic of Korea, Austria, Belgium, Finland, Germany, Greece, Iceland, Israel, Luxembourg, Argentina, Chile, Uruguay, Canada, Grenada, Saint Vincent and the Grenadines, Ecuador, Peru, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Paraguay, Bahrain, Egypt, Kuwait, Mauritius, Zimbabwe, Puerto Rico, United States Virgin Islands			
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*The 0 and 1 represent whether the citation applies to the cause (1= yes, 0 = no)

Figure S3B. Data availability maps showing number of sources of prevalence and mortality data for homozygous sickle cell and severe sickle cell/beta-thalassaemia (A, B), haemoglobin SC disease (C, D), and mild sickle cell disease (E, F).

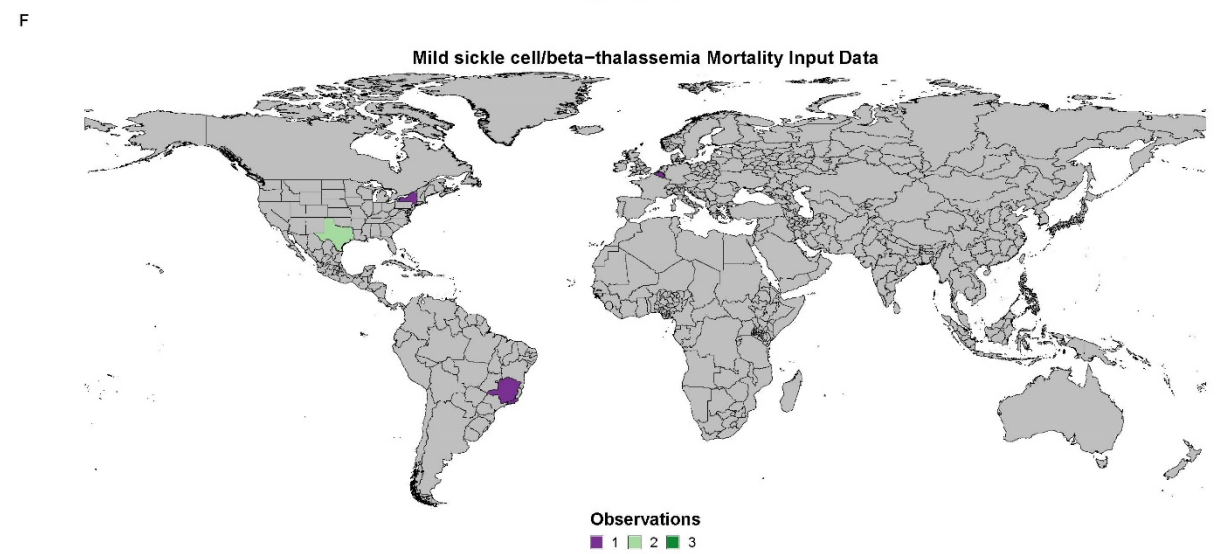
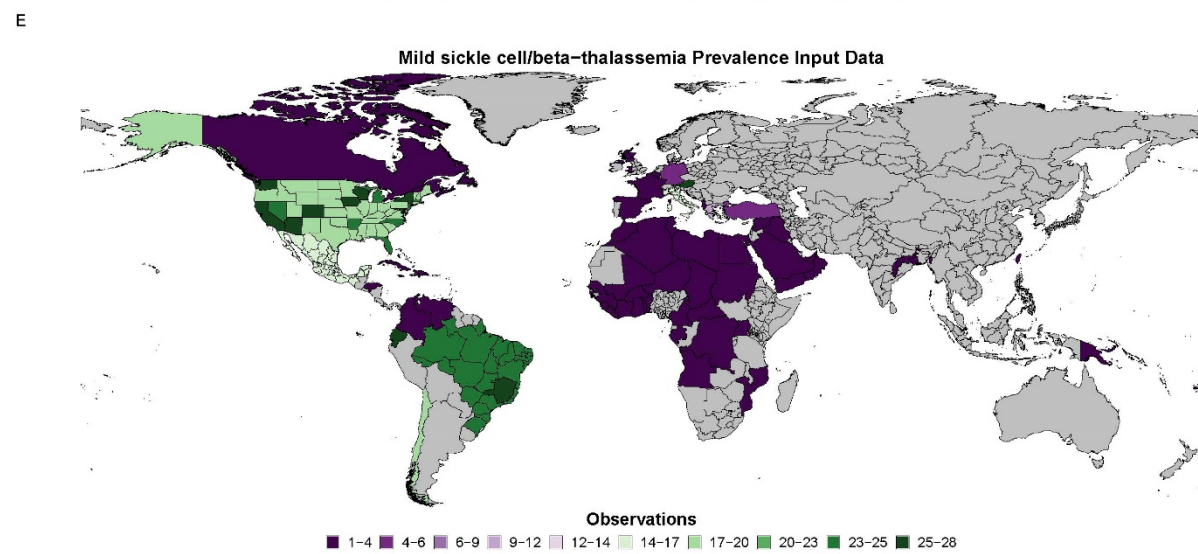
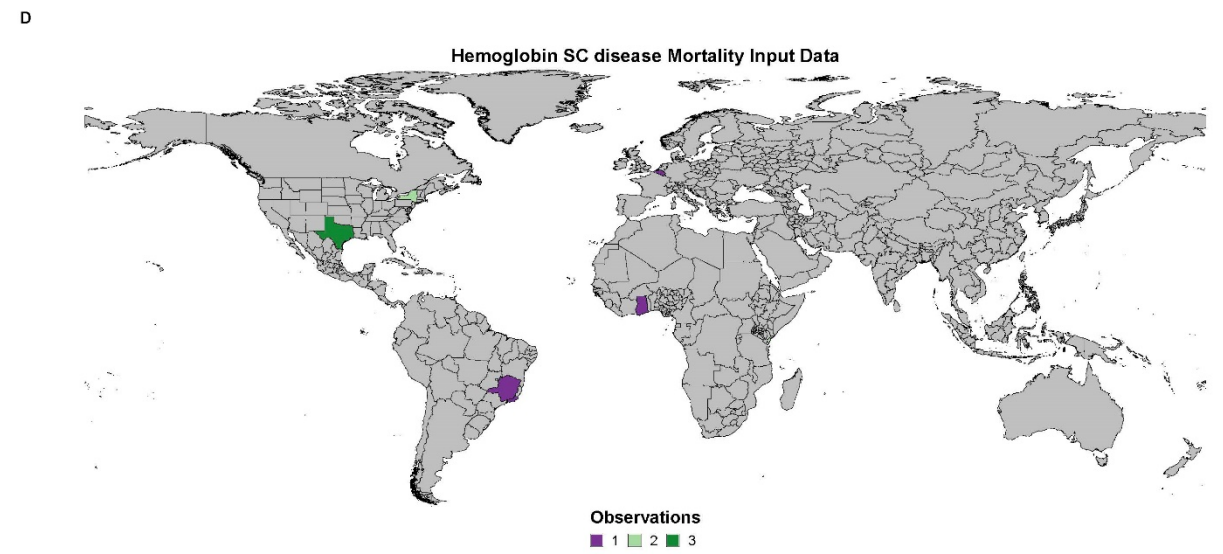
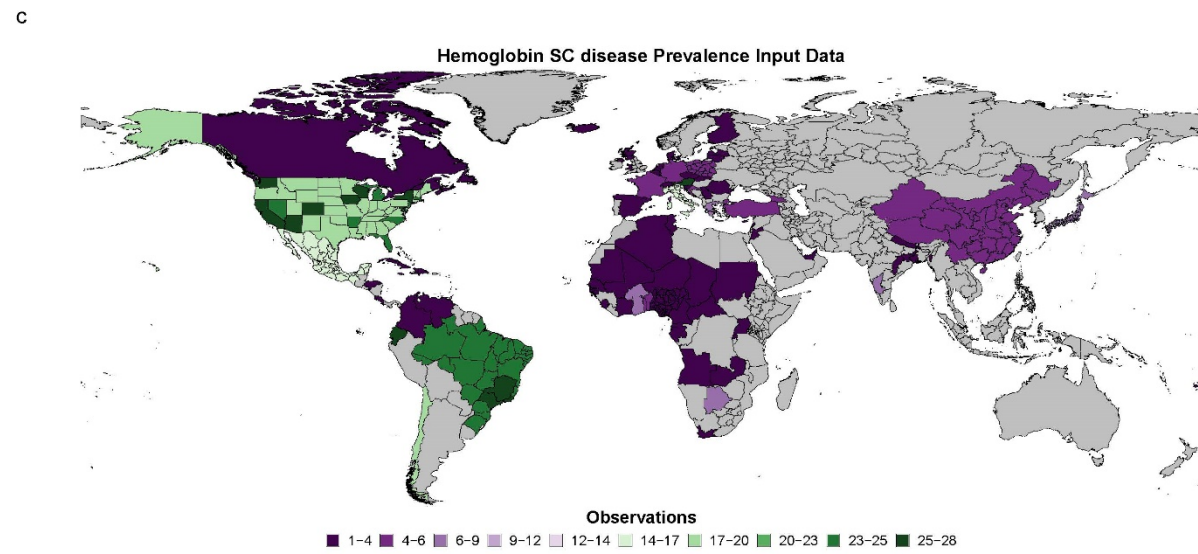
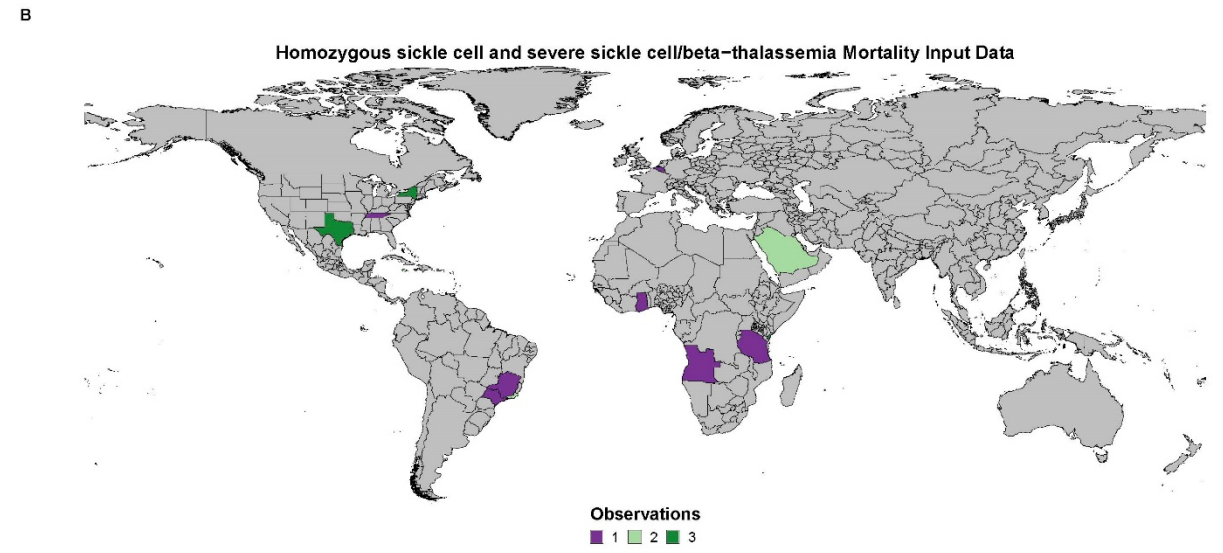
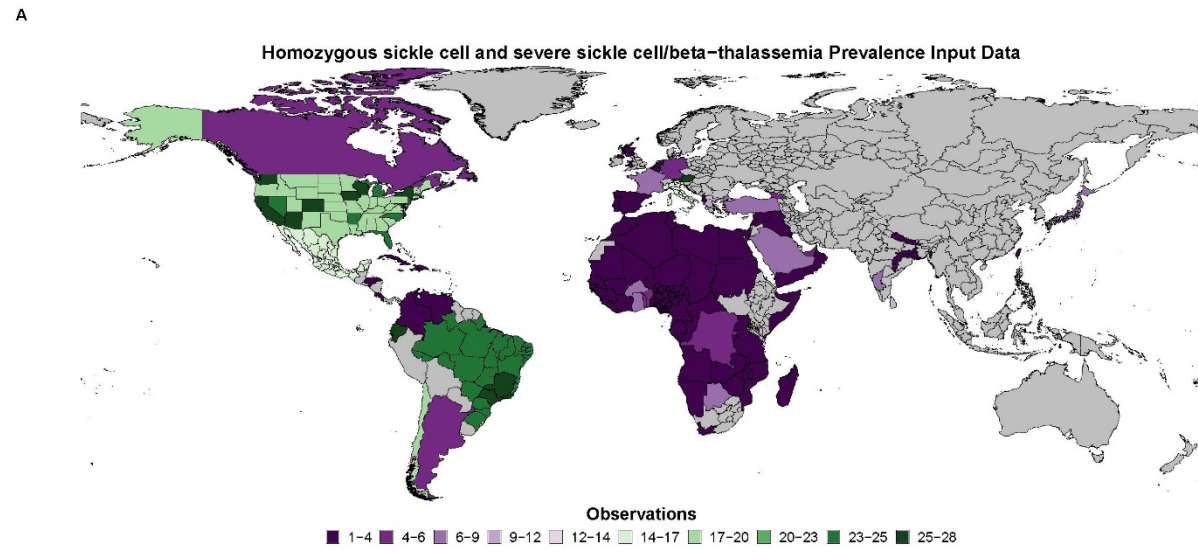
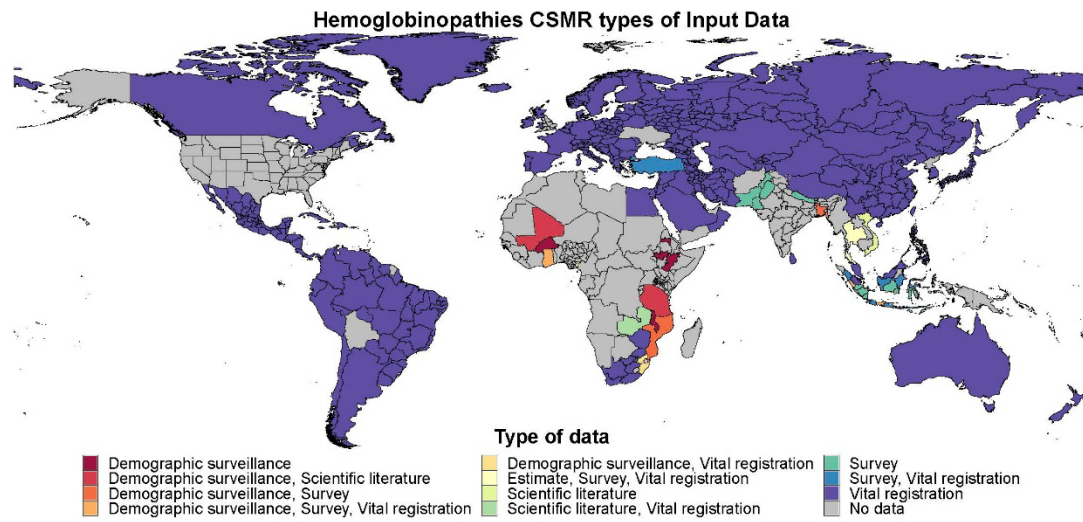
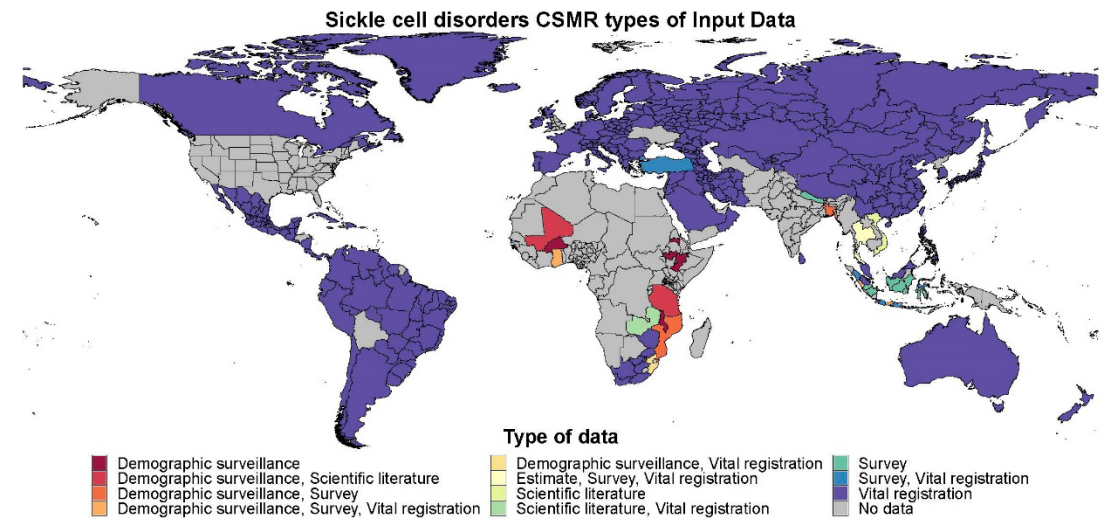


Figure S3C. Data availability maps showing types of cause-specific mortality data input sources including demographic surveillance, scientific literature, survey, vital registration, verbal autopsy, and estimates, for haemoglobinopathies and hemolytic anaemias (F) and sickle cell disorders (I).

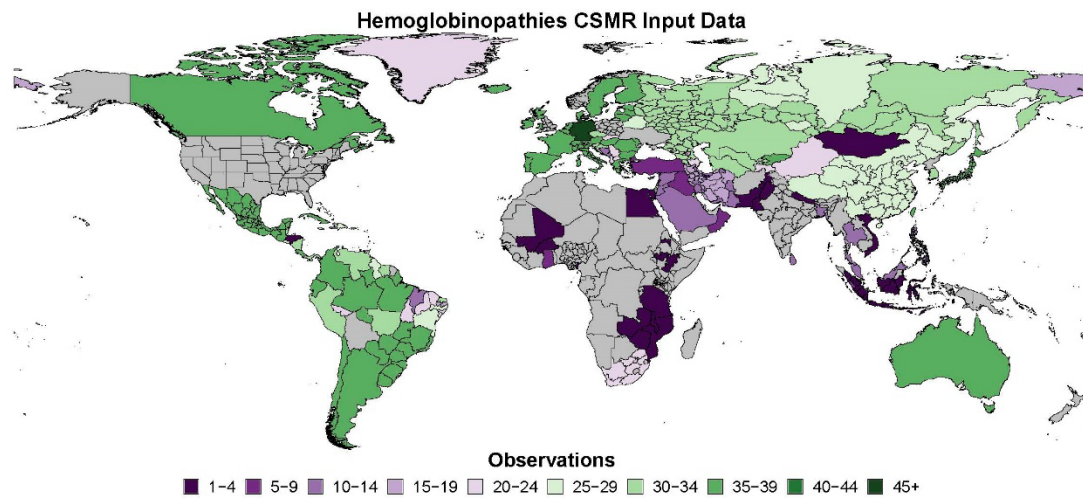
A



B



C



D

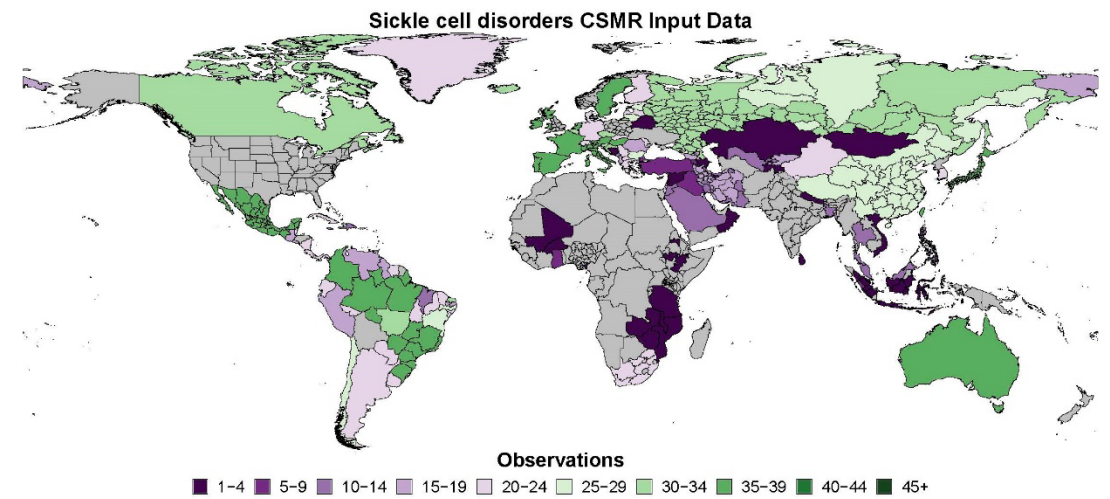


Figure S4. Sankey diagram showing cause-specific mortality due to sickle cell disease before and after garbage code redistribution of International Classification of Diseases (ICD) version 9 and version 10 codes for all years, all age groups, and both sexes combined for selected examples including global ICD-10 (A), USA ICD-9 (B), USA ICD-10 (C), Ghana ICD-10 (D), South Africa ICD-10 (E), and India ICD-10 (F).

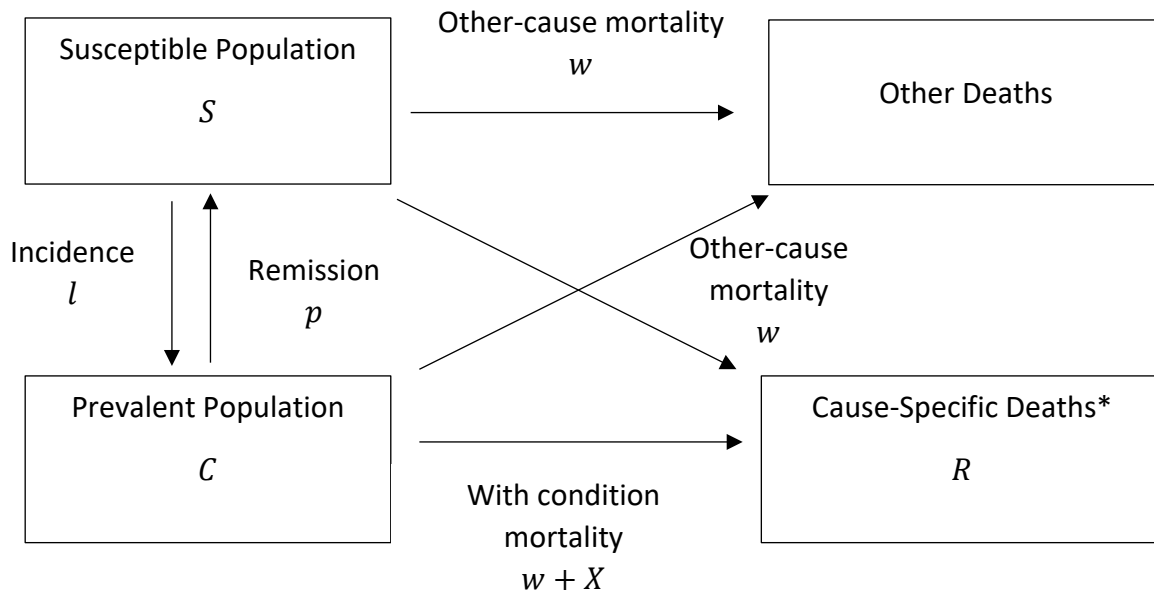


Modelling

DisMod-MR 2.1

DisMod-MR 2.1 is a compartmental model that describes how a population is affected by a single disease, as well as mortality from other causes. Using specified priors, the model considers input data to balance linked equations, which calculate the value of four log rates as a function of age: incidence, prevalence, remission, and mortality (Figure S5). These four rates define how for a given disease, people move between three states: a disease susceptible state, to the prevalent diseased population, to death (or remit back to the susceptible population).

Figure S5. Compartmental model of disease that describes how a population moves from health to a diseased state, to death (or back to health).



*Mortality from all other causes is assumed to be independent from the disease of interest which means that in the model, cause-specific deaths actually represent all excess mortality caused by the disease, which may differ from statistical accounting of cause-specific mortality from national and multinational offices.

The DisMod-MR 2.1 process model is described by the ordinary differential equation as follows:

$$S'(a) = -(l(a) + w(a))S(a) + p(a)C(a)$$

$$C'(a) = l(a)S(a) - (p(a) + X(a) + w(a))C(a)$$

Where,

$S(a)$ = the population susceptible to the condition

$C(a)$ = those with the condition

$l(a)$ - Incidence rate as a function of age

$p(a)$ - Remission as a function of age

$X(a)$ - Excess mortality as a function of age

$w(a)$ - Other-cause mortality as a function of age

Assuming candidate rates of $l(a)$, $p(a)$, $X(a)$, and $w(a)$, the data model assigns a likelihood to each input data value given area effects and the x-covariate effect. The total effect u_i can be defined as:

$$u_i = t_i + r_i + s_i + \sum_j x_{ij}\beta_{ji}$$

t_i =the sub-region random effect

r_i =the region random effect

s_i =the super-region random effect

The input data value and its standard deviation are scaled by the total effect and the residual is then computed against the expected mean using the following equation (written below in the linear case for ease of interpretation):

$$residual = \frac{y_i e^{-u_i} - v_i}{\sigma_i e^{-u_i} + \sum_k z_{ik} \zeta_{ki}}$$

Where,

$z\zeta$ = z covariates and multiplier zeta

Ultimately, for each measure, DisMod-MR 2.1 produces an internally consistent estimation for each GBD location, age, sex, and year.¹ Estimation occurs in a geographical cascade at five levels: global, super-region, region, country, and subnational location (where available). Beginning at the highest tier, priors are generated for the next tier down in a mixed effect, non-linear regression, using all non-excluded input data. The global fit informs the super-region fit, which informs the regional fit, and so on. Random effects are included at the super-region-, region-, and country-level estimates, and due to computational limitations, are imitated for the subnational level by adjusting based on an average of the residuals between the subnational-level data and its prior. Country covariates are estimated in the same geographical hierarchy where the coefficient is calculated using both data and priors in a given location, and when data is absent, the coefficient of the parent location is used. Further details on the DisMod-MR 2.1 computational process can be found in the 2003 open access paper by Barendregt and colleagues.³ Further details on the use of DisMod in the GBD modeling framework, including the log-Gaussian equation for the likelihood function, can be found in Appendix 1, Section 4.5 of the GBD 2019 diseases and injuries capstone.¹

We ran three models in DisMod-MR 2.1 to estimate three mutually exclusive sickle cell disorders: homozygous sickle cell disease and severe sickle cell/beta thalassaemia (SS and $S\beta^0$), sickle cell-haemoglobin C disease (SC), and mild sickle cell/beta thalassaemia ($S\beta^+$). These models contained prevalence data and genotype-specific EMR data. We then summed these three genotype modelled estimates across location, age, sex, and year, to create a fourth model estimate for total sickle cell disorders.

We established priors for all sickle cell models for zero incidence as sickle cell is a genetic condition, with zero remission for the same logic. A prior on excess mortality was set for the neonatal period (up to 27 days) with a maximum of 1% mortality per person-year. All models except haemoglobin SC disease also had an additional excess mortality prior from 28 days to 100 years of 40% mortality per person-year. A coefficient of variation (which determines the uncertainty around priors) of 0.8 was also supplied across all three genotype models such that in data sparse areas the model could pull strength from the priors.

Further information on simulation testing for the coefficient of variation can be in Appendix 1, Section 4.5 of the GBD 2019 diseases and injuries capstone.¹

Prevalence of haemoglobin S trait and haemoglobin C trait are strong predictive covariates for sickle cell disorders and were included from invariant age and temporal estimates by the Malaria Atlas Project. Universal health coverage index (UHC) was also included as a predictive covariate. UHC is a performance metric for the number of people covered by health services within a country and is estimated within the GBD. Effective coverage indicators were based on the level of implementation of a health-improving intervention, or outcome measures such as mortality-to-incidence ratio. The UHC index weighted each effective coverage input indicator based on the number of disability-adjusted life-years (DALYs). Further information on UHC can be found elsewhere.⁴ Covariate betas for each of the included factors for each of the models can be seen in Table S3.

Table S6. DisMod-MR 2.1 covariate betas

Covariate name	Measure	Beta value	Exponentiated value
Homozygous sickle cell and severe sickle cell/beta-thalassaemia (HbSS and HbSβ ^o)			
Haemoglobin S (sickle type S) trait	Prevalence	49.97 (49.90 to 50.00)	5.02e+21 (4.69e+21 to 5.18e+21)
Universal health coverage index	Excess mortality rate	-0.028 (-0.048 to -0.0036)	0.97 (0.95 to 1.00)
Haemoglobin SC Disease (HbSC)			
Haemoglobin C (sickle type C) trait	Prevalence	10.00 (9.99 to 10.00)	2.19e+4 (2.18e+4 to 2.20e+4)
Haemoglobin S (sickle type S) trait	Prevalence	19.99 (19.98 to 20.00)	4.82e+8 (4.76e+8 to 4.85e+8)
Universal health coverage	Excess mortality rate	-0.024 (-0.046 to -0.0038)	0.98 (0.96 to 1.00)
Mild sickle cell/beta-thalassaemia (HbSβ ⁺)			
Haemoglobin S (sickle type S) trait	Prevalence	19.99 (19.97 to 20.00)	4.80e+8 (4.71e+8 to 4.85e+8)
Universal health coverage	Excess mortality rate	-0.025 (-0.048 to -0.0029)	0.98 (0.95 to 1.00)

Causes of Death Ensemble modelling (CODEm)

Mortality estimates due to sickle cell disorders estimates were generated using Cause of Death Ensemble modelling (CODEm). CODEm uses input data, ranked covariates, and combinations of two model types and two outcome measures, to generate death estimates in every location, age, sex, and year within the GBD estimation framework.¹ The ensemble model ultimately selected by CODEm is determined by the out-of-sample predictive validity, or how well the model developed on a training dataset fits a hold-out test dataset.

The two model families used in the ensemble are linear mixed effects models and spatiotemporal models. The linear mixed effects models facilitate the selection of covariates and drive differences in geographical location, while spatiotemporal models add an additional component that allows us to increase “smoothing” of estimates when data are sparse and adjust “smoothing” down when data are expected to vary more across time, space, and age. Additionally, spatiotemporal models incorporate Gaussian process regression in the final step, which allows for the estimation of uncertainty over time, increasing the accuracy of temporal trend estimates. The two outcome measures are cause fractions, modelled using a logit transformation, and death rates, modelled using the natural logarithm. Both outcome estimates are assessed using out-of-sample predictive validity in natural log rate space.

Covariates are pre-selected and are used to inform estimates where data are lacking. Then CODEm software selects a combination of covariates based on statistical significance and epidemiological plausibility. Generating different hold-out datasets, CODEm iterates through this process multiple times,

creating a set of submodels consisting of both linear mixed effects and spatiotemporal submodels. Each submodel is then weighted with respect to the out-of-sample predictive validity, and ensemble models are created from a set of submodels. After two more iterations of weighting both submodels and ensemble models, the final model is selected based on highest performance over the domains of root mean square error, correct prediction of temporal trend, and accuracy of prediction uncertainty (test data coverage in the 95% prediction interval).

Typically, for each modelled cause, we run a pair of data-rich and global models for each sex. Running a data-rich model allows us to avoid unnecessarily inflating uncertainty in locations with higher-quality VR data, and running a global model with all available data allows us to pull strength from those high-quality VR locations to inform more data-sparse locations. The data-rich and global models are then hybridised so that data-rich estimates replace the global estimates where applicable. However, a global model for sickle cell disease produces implausible patterns of mortality; therefore, in addition to the data-rich CODEm model for sickle cell disease, we used a custom hybridization approach.

Hybridization approach for final cause-specific mortality estimates

In order to generate mortality estimates for sickle cell disease in data-sparse locations, we assembled three inputs: 1) VR CSMR data from the CoD database coded as “Other haemoglobinopathies,” 2) CSMR estimates from the seven non-fatal DisMod-MR 2.1 haemoglobinopathy models (beta-thalassaemia major, haemoglobin E/beta-thalassaemia, haemoglobin H disease, homozygous sickle cell and severe sickle cell/beta-thalassaemia, haemoglobin SC disease, mild sickle cell/beta-thalassaemia, and G6PD deficiency), and 3) CSMR estimates from the single parent haemoglobinopathies CODEm model. Details for estimation of all non-sickle cell models can be found elsewhere.¹ First, we pooled “other haemoglobinopathies” CSMR data across ten-year spans to obtain mortality rates specific by age and sex, averaged across data-rich locations. Next, we interpolated DisMod model results from all causes classified as haemoglobinopathies to obtain a set of complete estimation years (1980–2022). We then summed all interpolated haemoglobinopathies model estimates, plus the “other haemoglobinopathies” year-pooled, data-rich average mortality rate, to obtain a total haemoglobinopathies estimate. We next summed the sickle cell model estimates and calculated the proportion of total haemoglobinopathies attributable to sickle cell disease. Finally, we then applied this proportion to the CODEm parent haemoglobinopathies estimates to create a set of scaled results attributable to sickle cell disorders in data-sparse locations.

Covariates used in modelling

Covariates used in the parent haemoglobinopathies and haemolytic anaemias and the sickle cell disorders CODEm models, along with their level and direction, are shown in Tables S4 and S5. Level indicates the strength of correlation, where 1 is most highly correlated and 3 is less correlated, and direction indicates the positive or negative correlation with mortality due to sickle cell disorders. Prevalence of haemoglobin S trait⁵ and haemoglobin C trait⁶ have a strong positive correlation with mortality due to sickle cell disorders and were included from estimates by the Malaria Atlas Project. Malaria lysenko holoendemicity⁷ has long been shown to follow a similar global geographical distribution as prevalence of sickle cell disorders and thalassaemias. This trend is a result of the protective interaction of the heterozygous genotype (HbAS) associated with sickle cell trait and malaria. Healthcare Access and Quality (HAQ) Index and maternal care and immunization (MCI) were included as level 2 covariates and have a negative correlation with mortality due to sickle cell disorders. This trend is

associated with whether a patient can access high-quality medical care, including both preventive care such as immunisations and adequate maternal care, as well as life-saving drugs and surgical interventions. A weak (level 3) negative correlation was specified for education, log-transformed lag-distributed income⁸ (LDI), and Socio-demographic Index (SDI),⁸ as there is some evidence to show improved levels across these categories would reduce mortality due to sickle cell disorders. Finally, we specified a level 3 negative correlation with the proportion of population living in the latitudinal ranges of under 15 and 15–30 for the decreased likelihood of malaria holoendemicity at these latitudes, and a level 3 positive correlation with the proportion of population living in the latitudinal ranges of 30–45, and over 45 for the increased likelihood of malaria holoendemicity. Covariates were retained in the model when the relationship with observed data was statistically significant at the $p < 0.05$ level and in the prior specified direction.

Table S7. Covariates, including level and direction, used in Cause of Death Ensemble modelling of haemoglobinopathies and haemolytic anaemia

Covariate	Transformation	Level*	Direction*
Sickle C trait from Malaria Atlas Project	Squared	1	1
Sickle S trait from Malaria Atlas Project	Squared	1	1
Malaria Lysenko PFPR 1 (Holoendemic)	None	1	1
Healthcare Access and Quality (HAQ) Index	None	2	-1
Maternal care and immunization (MCI)	None	2	-1
Education (years per capita)	None	3	-1
LDI (lag distributed income per capita)	Log	3	-1
Latitude under 15 (proportion)	None	3	1
Latitude 15 to 30 (proportion)	None	3	1
Latitude 30 to 45 (proportion)	None	3	-1
Latitude over 45 (proportion)	None	3	-1
Socio-demographic Index	None	3	-1

*Level refers to the likelihood of strength in correlation between the covariate and mortality (1 = more likely; 3 = less likely); direction refers to the direction of the relationship (1 = positive correlation; -1 = negative correlation).

Table S8. Covariates, including level and direction, used in Cause of Death Ensemble modelling of sickle cell disorders

Covariate	Transformation	Level*	Direction*
Sickle C trait from Malaria Atlas Project	None	1	1
Sickle S trait from Malaria Atlas Project	None	1	1
Haemoglobinopathies (sum of prevalence * excess-mortality from DisMod)	None	1	1
Healthcare Access and Quality (HAQ) Index	None	2	-1
Maternal care and immunization	None	2	-1
Education (years per capita)	None	3	-1
LDI (lag distributed income per capita)	Log	3	-1
Latitude under 15 (proportion)	None	3	1
Latitude 15 to 30 (proportion)	None	3	1
Latitude over 45 (proportion)	None	3	-1
Socio-demographic Index	None	3	-1
Malaria Lysenko PFPR 1 (Holoendemic)	None	3	1
Proportion of the population with at least 6 years of education	None	3	-1
Proportion of the population with at least 12 years of education	None	3	-1

*Level refers to the likelihood of strength in correlation between the covariate and mortality (1 = more likely; 3 = less likely); direction refers to the direction of the relationship (1 = positive correlation; -1 = negative correlation).

Anaemia causal attribution

Prevalence estimates of sickle cell disease and other diseases that cause anaemia were used to estimate the prevalence of anaemia attributable to each cause. To calculate the total prevalence of anaemia, mean haemoglobin concentration and prevalence of severe, moderate and severe combined, and total anaemia were modeled in ST-GPR.¹¹ These estimates were then used to generate distributions of haemoglobin concentration by location, year, age, and sex, from which estimates of mild, moderate, severe, and total anaemia were calculated using the World Health Organization (WHO) anaemia thresholds.¹² To calculate the proportion of anaemia attributable to a given disease, we used haemoglobin shifts associated with each disease from published literature and expert knowledge. For each cause shift, we adjusted our estimated haemoglobin distribution by the cause prevalence-weighted haemoglobin shift, resulting in a counterfactual distribution representing the anaemia prevalence in the absence of the given cause. The difference between the anaemia prevalence estimates from our original distribution and those from this counterfactual distribution represent the prevalence of anaemia attributed to this disease. After this process was completed for each cause of anaemia, estimates of attributable mild, moderate, severe, and total anaemia were squeezed to the original prevalence totals so that the attributable prevalence across all causes was equal to the total estimated anaemia prevalence.

Decomposition Analysis

Decomposition of change from 2000 to 2021 was analyzed by demographic and epidemiological factors including total population size, change in population age and sex structure, and change in rates of disease frequency by age and sex. The counterfactual mortality estimates were generated using two scenarios developed in GBD 2010¹³: (1) A population growth scenario in which population age-sex structure and age-sex disease frequency rates remained the same as 2000 but population size increased to that of 2021 and (2) a population growth and population aging scenario in which age-sex disease frequency rates remained the same as 2000 but population age-sex structure and population size changed to that of 2021. The difference in 2000 mortality results and scenario 1 is the change in deaths due to only population growth. The difference in mortality from scenario 1 and scenario 2 is the change due to aging of the population and population growth. Finally, the difference between 2010 mortality results and scenario 2 is the change due to epidemiological changes in rates of disease frequency by age and sex. The differences are reported as a percent change relative to the 2000 number.

CoDCorrect

To ensure internal consistency across mortality estimation of all GBD causes, that is, to ensure that summed cause-specific modelled estimates did not exceed all-cause mortality estimates, a core algorithm was used in the process known as CoDCorrect. Level 1 causes were rescaled to match all-cause mortality estimates; Level 2 causes were rescaled to match the rescaled Level 1 causes, and so on.

$$CD_{lyasjd} = D_{lyasjd} \left(\frac{PD_{lyasjd}}{\sum_{j=i}^{j=k} D_{lyasjd}} \right)$$

Where:

CD_{lyasjd} is the corrected number of deaths for a location l , year y , age a , sex s , cause j , and draw d

PD_{lyasjd} is the parent CoD for a location l , year y , age a , sex s , cause j , and draw d

D_{lyasjd} is the uncorrected number of deaths estimated from a cause-specific model for a location l , year y , age a , sex s , cause j , and draw d

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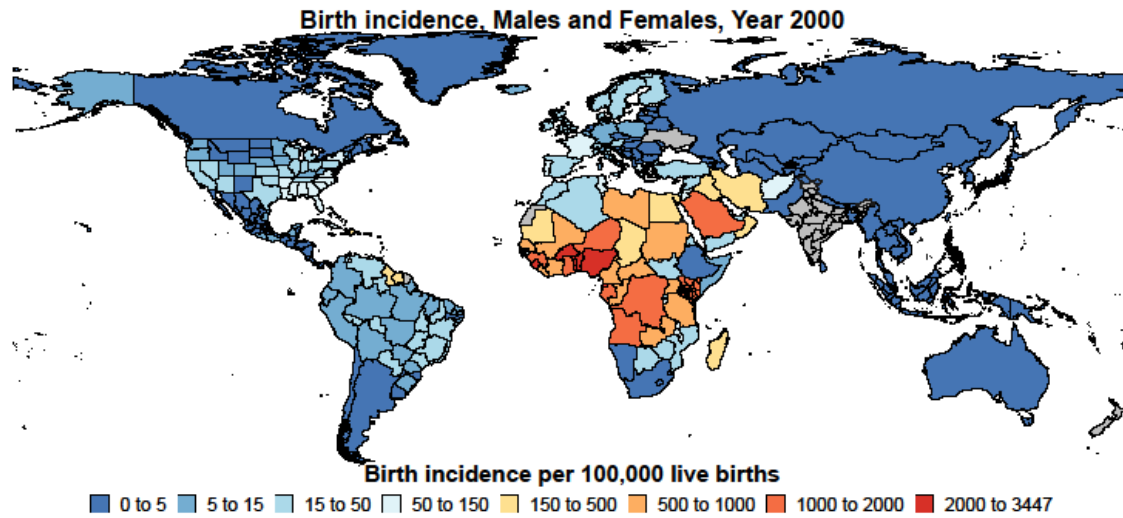
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Supplemental Results: Figures

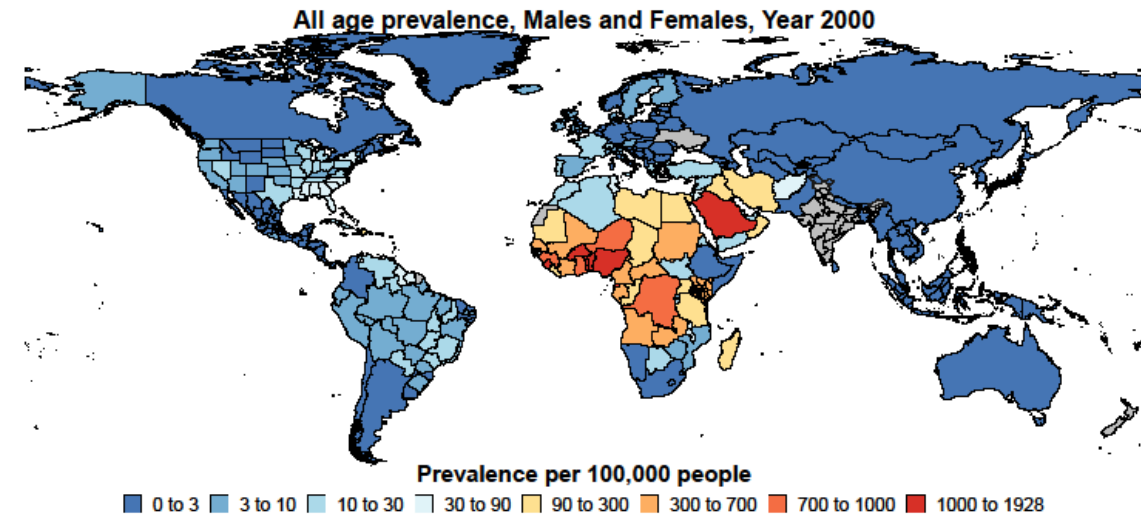
Figure S6. Geographical distribution of total sickle cell disease death and disability burden (per 100,000) in males and females combined in 2000 by four measures: birth incidence (A), all-ages prevalence (B), all-ages cause-specific mortality (C) and total SCD mortality (D)

This figure demonstrates four different lenses on geographical distribution of sickle cell disease. These include incidence rate at birth in panel A, prevalence across all age groups in the population in panel B, all-ages cause-specific mortality in panel C, and all-ages SCD-associated mortality rate in panel D. Panels A and B demonstrate highest birth incidence and all-age prevalence rates in 2000 were concentrated in sub-Saharan Africa and south Asia (India). Panels C and D show all age cause-specific and total SCD mortality rates followed a similar geographical distribution but are particularly high in western and central sub-Saharan Africa. These patterns align with the highest death and disability burden in 2021.

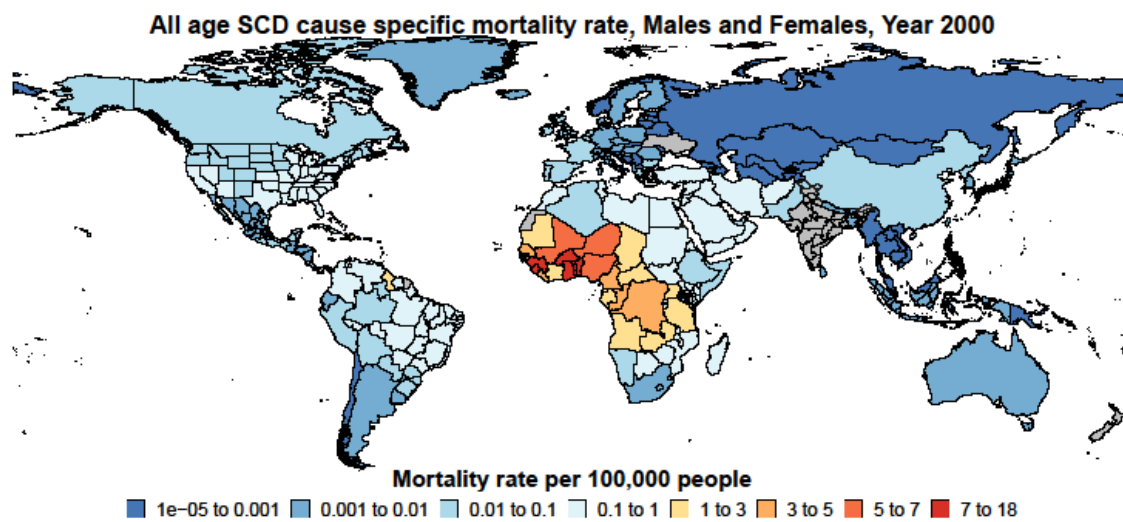
A



B



C



D

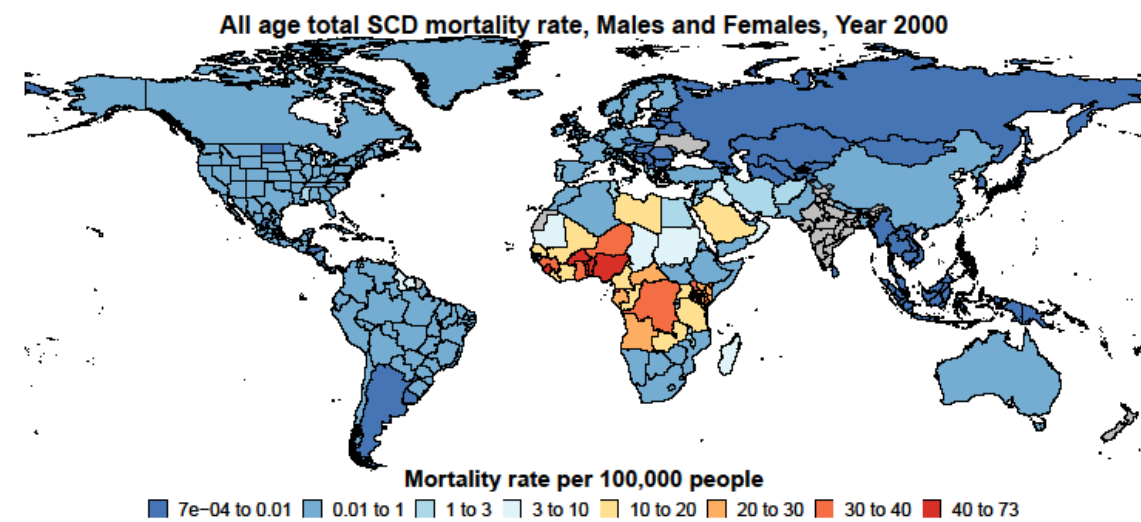
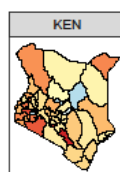
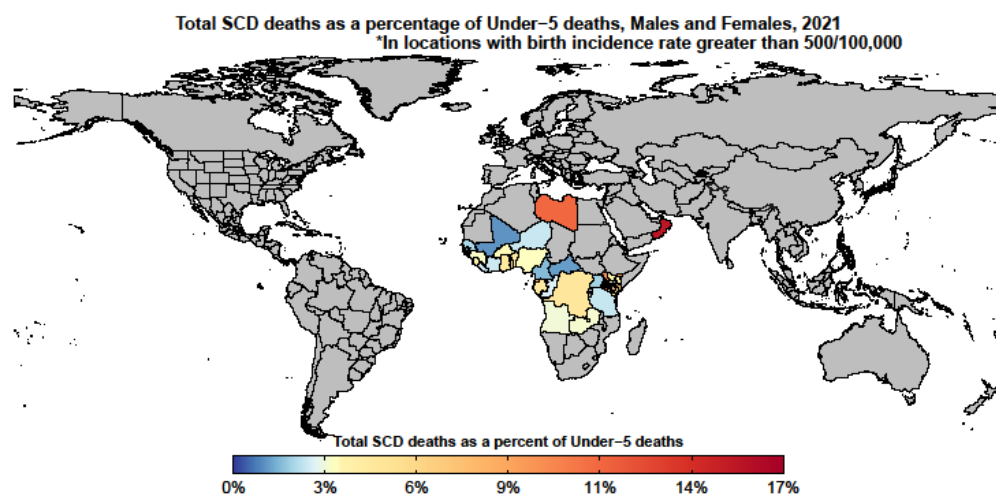


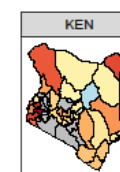
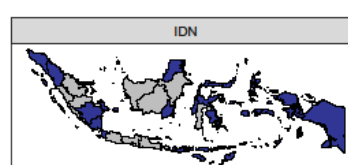
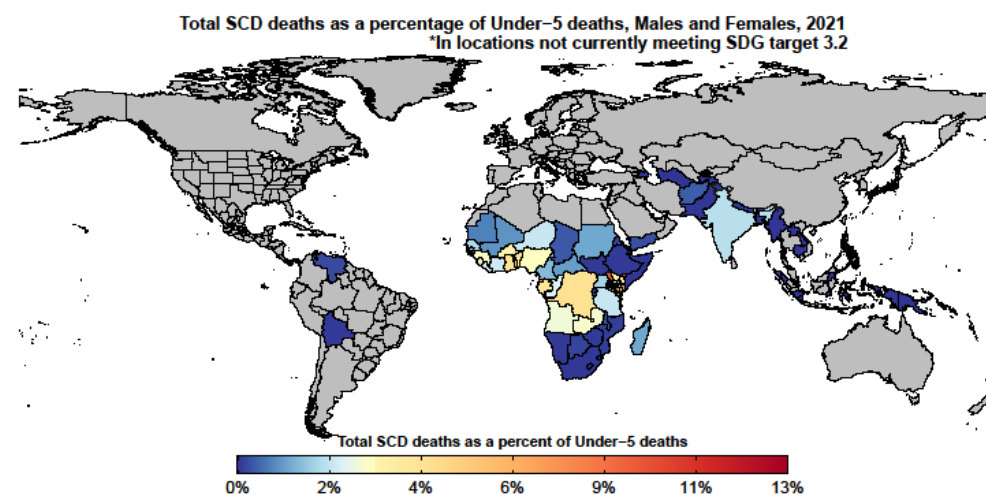
Figure S7. Among males and females combined in 2021, in locations with birth incidence rate above 500 per 100,000 livebirths, total SCD deaths as a percentage of under-5 deaths (A), in locations not currently meeting Sustainable Development Goal 3.2 for U5MR (under-5 mortality rate), total SCD deaths as a percentage of under-5 deaths (B), U5MR attributed to total SCD deaths alone (C), and in locations with over 10,000 incident malaria cases per 100,000, total SCD deaths as a percentage of under-5 deaths.

This figure shows the percentage of under-5 total SCD deaths in locations with SCD birth incidence above 500 per 100,000 livebirths in panel A, the under-5 total SCD deaths in locations not currently meeting SDG 3.2 (U5MR below 25 under-5 deaths per 1000 livebirths) in panel B, the U5MR from total SCD deaths alone in panel C, and the percentage of under-5 total SCD deaths in locations with malaria all-age incidence rate above 10,000 per 100,000 livebirths. Examining only locations with high sickle cell disease birth incidence and locations suffering from high numbers of deaths in children under 5 per 1000 livebirths, these maps indicate that sickle cell disease has the greatest impact on mortality in countries in western and central sub-Saharan Africa.

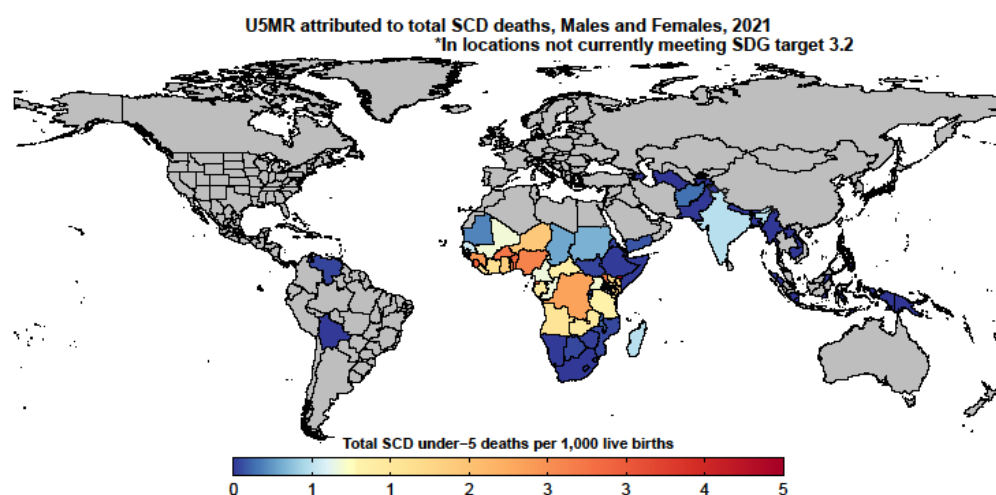
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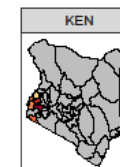
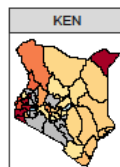
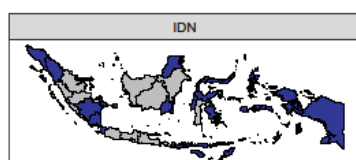
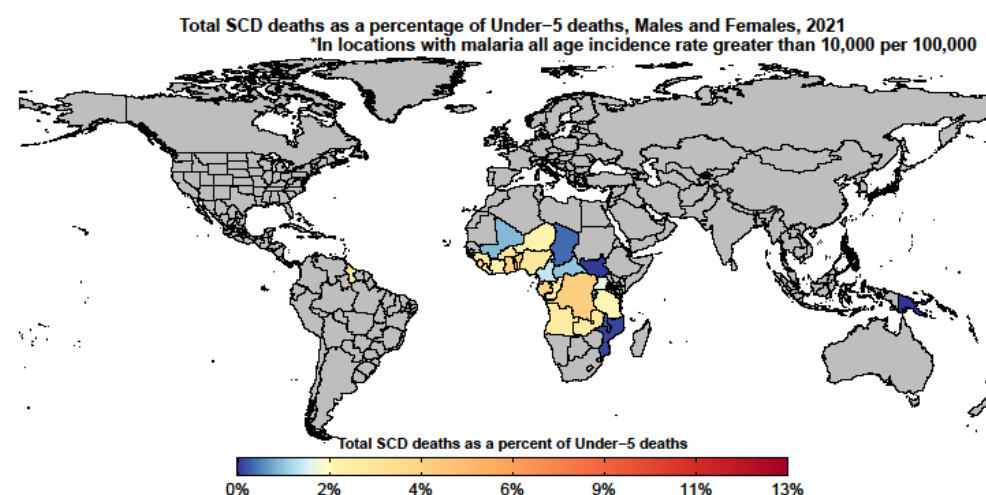


Figure S8. Total sickle cell disease deaths ranked by super-region and country as a proportion of all-cause mortality in children under 5 years (A and B) and cause-specific mortality rate compared to total SCD mortality rate in 5-14 years age group and 15-49 years age group (C and D).

This figure shows the 2000 ranking of total SCD deaths as a proportion of all-cause mortality, with warmer colors indicating countries with a higher rank. In 2000 total SCD was ranked higher than cause-specific deaths. Compared to 2021, these rankings have increased, demonstrating the increasing burden of sickle cell disease to childhood mortality. Similarly, in the 5-14 years age group and 15-49 years age group in 2000, panels C and D show that total SCD mortality rates exceeds cause-specific mortality rates across all locations.

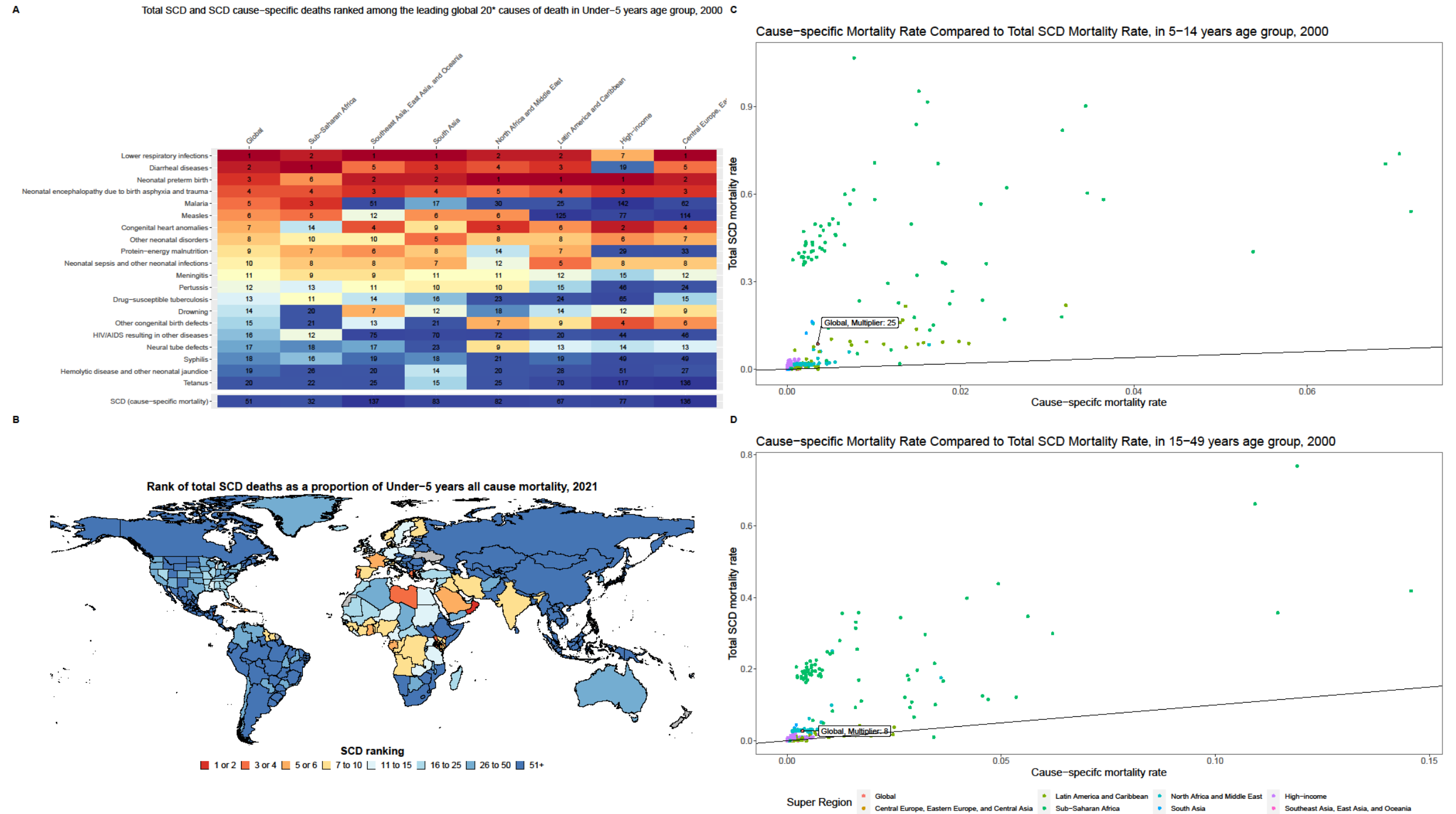
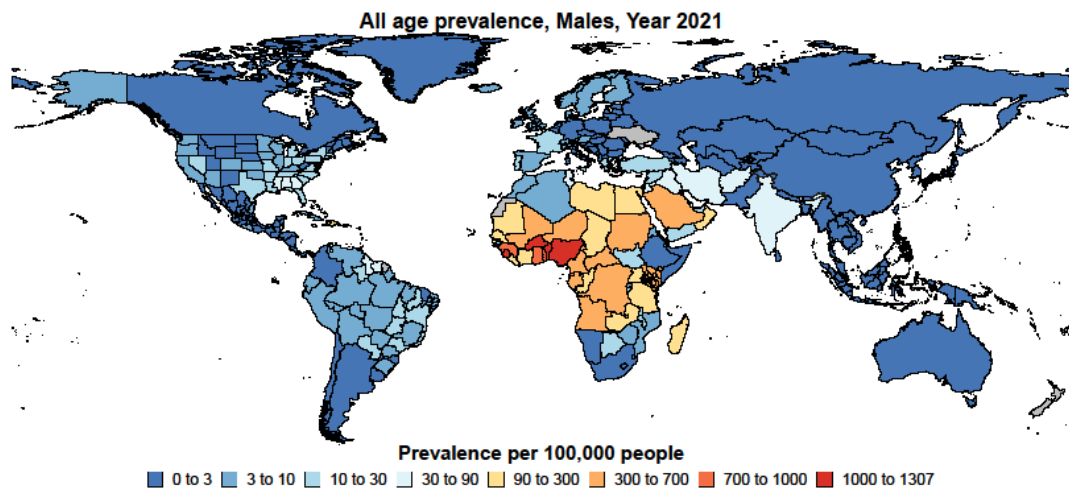


Figure S8. Contribution of sickle cell disease to all-cause child mortality in 2000

Figure S9. Geographical distribution of total sickle cell disease all-age prevalence (per 100,000) in males (A) and females (B)

This figure shows the 2021 all age prevalence for males and females.

A



B

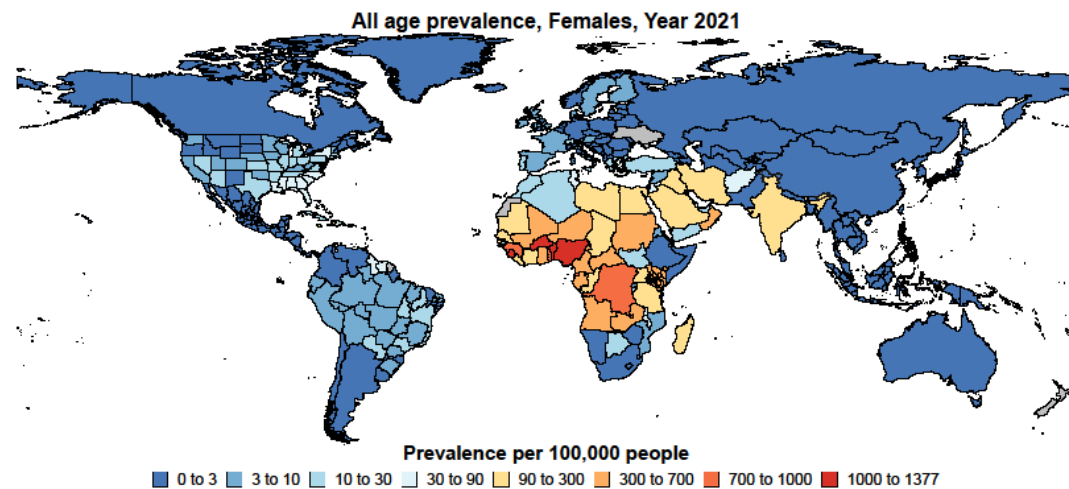


Table S9: Number of births, cases, total deaths, and under-5 deaths for sickle cell disease, 2000 - 2021

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Global	453,000 (370,000-542,000)	515,000 (425,000-614,000)	13.7 (11.1-16.5)	5,460,000 (4,620,000-6,450,000)	7,740,000 (6,510,000-9,200,000)	41.4 (38.3-44.9)	28,400 (22,100-34,500)	34,400 (25,000-45,200)	20.8 (-5.3-57.6)	262,000 (211,000-327,000)	376,000 (303,000-467,000)	43.4 (39.8-47.3)	11,600 (7,590-16,900)	10,800 (6,720-14,600)	-7.1 (-33.8-34.6)	65,200 (47,200-87,600)	81,100 (58,800-108,000)	24.4 (19.7-29.3)	0.1 (0.1-0.2)	0.7 (0.5-0.9)	0.2 (0.2-0.3)	1.7 (1.1-2.3)	51	40	22	12
Central Europe, Eastern Europe, and Central Asia	45 (32-62)	31 (23-40)	-31 (-38.4--24.3)	425 (345-507)	285 (232-340)	-33.3 (-37.9--28.9)	5 (4-5)	3 (3-3)	-32.2 (-38.1--26.8)	55 (39-76)	35 (26-46)	-36.5 (-43.3--28.7)	0 (0-0)	0 (0-0)	-57.3 (-71.4--36)	29 (19-43)	20 (13-29)	-31.2 (-40.4--19.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	136	81	72
Central Asia	1 (1-2)	1 (1-3)	17.9 (4.2-21.7)	8 (4-12)	9 (4-14)	15.7 (-0.2-23.6)	0 (0-0)	0 (0-0)	36.1 (-19.5-134)	1 (0-2)	1 (1-3)	18.5 (-9.6-22.8)	0 (0-0)	0 (0-0)	7.2 (-43.8-98)	1 (0-2)	1 (0-2)	22.4 (-7.4-27.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	135	126	118
Armenia	0 (0-0)	0 (0-0)	-20.3 (-29.4--11.3)	0 (0-1)	0 (0-0)	-20.9 (-27--11.8)	0 (0-0)	0 (0-0)	47.1 (-17.1-136)	0 (0-0)	0 (0-0)	-17.7 (-36.9--7.6)	0 (0-0)	0 (0-0)	-43.1 (-72.8-26.9)	0 (0-0)	0 (0-0)	-11.1 (-32.3--1.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	132	132	106	100
Azerbaijan	0 (0-0)	0 (0-0)	-5.6 (-25.9--2.5)	1 (0-1)	1 (0-1)	0.8 (-10.9-8.7)	0 (0-0)	0 (0-0)	-46.5 (-72.9-12.7)	0 (0-0)	0 (0-0)	-0.9 (-29.9-5.4)	0 (0-0)	0 (0-0)	-49.3 (-79.2-19.1)	0 (0-0)	0 (0-0)	0.6 (-28-5.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	127	119	107
Georgia	0 (0-0)	0 (0-0)	-14.2 (-23.8--9.9)	0 (0-1)	0 (0-1)	-27.4 (-44.2--19.7)	0 (0-0)	0 (0-0)	-29.9 (-50.6--8.1)	0 (0-0)	0 (0-0)	-21.3 (-38.3--17.9)	0 (0-0)	0 (0-0)	-68.8 (-81.1--51.7)	0 (0-0)	0 (0-0)	-11.6 (-31.7--6.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	135	108	100
Kazakhstan	0 (0-0)	0 (0-1)	45.5 (20.8-100)	1 (0-2)	2 (1-3)	33.1 (8.6-97.1)	0 (0-0)	0 (0-0)	190 (129-256)	0 (0-0)	0 (0-1)	43.3 (12.1-82.8)	0 (0-0)	0 (0-0)	212 (46.5-586)	0 (0-0)	0 (0-0)	57.8 (24.7-94.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	132	115	104
Kyrgyzstan	0 (0-0)	0 (0-0)	40.4 (8.2-44.9)	1 (0-1)	1 (0-1)	34.6 (9.5-47.8)	0 (0-0)	0 (0-0)	61 (25.4-105)	0 (0-0)	0 (0-0)	39.9 (6.3-44.7)	0 (0-0)	0 (0-0)	-44.8 (-58.4--30.2)	0 (0-0)	0 (0-0)	46.9 (12.5-54.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	134	114	111
Mongolia	0 (0-0)	0 (0-0)	33.9 (4.8-42.3)	0 (0-0)	0 (0-1)	30.8 (1-46.3)	0 (0-0)	0 (0-0)	-37.8 (-71.8-61)	0 (0-0)	0 (0-0)	40.6 (6.1-47.1)	0 (0-0)	0 (0-0)	-45.7 (-82.1-64.3)	0 (0-0)	0 (0-0)	49.9 (9-58.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	128	124	110
Tajikistan	0 (0-0)	0 (0-0)	34.8 (8.6-40.3)	1 (0-1)	1 (0-2)	35.3 (18.1-43)	0 (0-0)	0 (0-0)	7.1 (-47.2-132)	0 (0-0)	0 (0-0)	33.3 (2.8-38.5)	0 (0-0)	0 (0-0)	15 (-48.6-172)	0 (0-0)	0 (0-0)	34.6 (3.9-40.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	129	116	114
Turkmenistan	0 (0-0)	0 (0-0)	7.2 (-17.8-11.3)	0 (0-1)	0 (0-1)	5.5 (-16.5-14.5)	0 (0-0)	0 (0-0)	166 (56.9-370)	0 (0-0)	0 (0-0)	8 (-19.7-11.5)	0 (0-0)	0 (0-0)	79 (-0.6-254)	0 (0-0)	0 (0-0)	10.9 (-17-16.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	129	121	113
Uzbekistan	0 (0-1)	1 (0-1)	10.2 (-13.7-15.8)	3 (1-4)	3 (2-5)	16.4 (-3.5-27.3)	0 (0-0)	0 (0-0)	427 (276-655)	0 (0-1)	1 (0-1)	19 (-10.3-24.3)	0 (0-0)	0 (0-0)	314 (183-472)	0 (0-1)	0 (0-1)	24.4 (-7.3-32)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	132	125	113	111
Central Europe	41 (29-58)	26 (19-36)	-35.1 (-41.3--28.1)	361 (284-454)	226 (180-277)	-37.6 (-42.5--32.8)	4 (3-4)	2 (2-3)	-39.1 (-45--32.4)	50 (35-70)	30 (22-41)	-40.3 (-47.2--33.4)	0 (0-0)	0 (0-0)	-78.4 (-86.4--66.6)	27 (17-41)	17 (11-26)	-35.4 (-44.1--25.1)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.3 (0.2-0.5)	122	126	45	32
Albania	0 (0-1)	0 (0-0)	-39.5 (-45.1--37.6)	3 (2-4)	2 (1-2)	-41.9 (-51.7--37.9)	0 (0-0)	0 (0-0)	-88.4 (-94.1--74.1)	0 (0-1)	0 (0-0)	-44.7 (-49.7--42.3)	0 (0-0)	0 (0-0)	-92 (-97.5--76.1)	0 (0-0)	0 (0-0)	-45.3 (-50.2--43.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	102	110	88	71
Bosnia and Herzegovina	0 (0-0)	0 (0-0)	-40.3 (-45.1--34.1)	2 (1-3)	1 (1-2)	-38.3 (-44.6--32.2)	0 (0-0)	0 (0-0)	-57.2 (-79--14.3)	0 (0-0)	0 (0-0)	-35.8 (-45.8--30.5)	0 (0-0)	0 (0-0)	-84.5 (-96.5--50.6)	0 (0-0)	0 (0-0)	-43.4 (-51--39.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	123	127	97	89
Bulgaria	0 (0-0)	0 (0-0)	-20.7 (-31.7--18.6)	3 (2-4)	2 (2-3)	-25 (-35.9--19.2)	1 (1-1)	1 (1-1)	-22.1 (-36.3--0.5)	0 (0-0)	0 (0-0)	-22.1 (-39.6--16.8)	0 (0-0)	0 (0-0)	-58.5 (-71.9--37)	0 (0-0)	0 (0-0)	-9.4 (-28.5--1.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	109	108	101	80
Croatia	1 (0-1)	0 (0-1)	-25.6 (-33.6--16)	18 (14-22)	13 (11-17)	-24.5 (-32.1--15.6)	0 (0-0)	0 (0-0)	-6.1 (-25-15.2)	1 (1-1)	1 (0-1)	-24.7 (-31.9--17.2)	0 (0-0)	0 (0-0)	-40.9 (-61.4--16.3)	0 (0-0)	0 (0-0)	-37.2 (-45.4--29.5)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	118	113	56	50
Czechia	0 (0-0)	0 (0-0)	17.4 (3.5-23.3)	1 (1-2)	1 (1-2)	-5.6 (-12.6-4.3)	0 (0-0)	0 (0-0)	-37.5 (-50.2--19.9)	0 (0-0)	0 (0-0)	2.3 (-14.5-13.2)	0 (0-0)	0 (0-0)	-38.2 (-56.1--17)	0 (0-0)	0 (0-0)	26.5 (7.1-39.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	122	119	105	83
Hungary	0 (0-0)	0 (0-0)	-21.1 (-36--17.2)	4 (3-6)	3 (2-5)	-21.4 (-42.7--16.2)	0 (0-0)	0 (0-0)	-26.2 (-48.2--7.2)	0 (0-0)	0 (0-0)	-20.1 (-38.4--16.2)	0 (0-0)	0 (0-0)	-48.2 (-68.4--24.6)	0 (0-0)	0 (0-0)	-15.3 (-31.3--9.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	115	101	85
Montenegro	0 (0-0)	0 (0-0)	-24.5 (-31.9--17.4)	0 (0-0)	0 (0-0)	-18.6 (-28.4--14.2)	0 (0-0)	0 (0-0)	-55 (-75.1--15.8)	0 (0-0)	0 (0-0)	-17.4 (-34.3--8.2)	0 (0-0)	0 (0-0)	-75.5 (-95.2--12.6)	0 (0-0)	0 (0-0)	-24.7 (-39.4--9.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	119	117	95	71
North Macedonia	0 (0-0)	0 (0-0)	-13.9 (-27.6--1.3)	1 (1-2)	1 (1-1)	-11.8 (-29-4.1)	0 (0-0)	0 (0-0)	-55.3 (-74.2--19.7)	0 (0-0)	0 (0-0)	-9.9 (-30.5--2.5)	0 (0-0)	0 (0-0)	-92.8 (-98.4--78.8)	0 (0-0)	0 (0-0)	-15.3 (-34.2--6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	121	123	99	64
Poland	38 (26-55)	24 (17-34)	-36.1 (-42.7--28.5)	292 (217-381)	174 (130-226)	-40.9 (-46.3--35.5)	1 (1-1)	1 (1-1)	-52.1 (-56.3--47.1)	46 (32-66)	26 (19-38)	-42.3 (-49.6--35)	0 (0-0)	0 (0-0)	-63.6 (-71.4--55.7)	25 (16-40)	16 (10-25)	-36.8 (-45.9--26.2)	0 (0-0)	0.7 (0.5-1.1)	0 (0-0)	1 (0.6-1.6)	117	115	19	13
Romania	1 (1-2)	1 (1-1)	-26 (-31.4--9.3)	27 (20-34)	19 (14-26)	-29.3 (-36.9--11.9)	0 (0-1)	0 (0-0)	-29.4 (-45.1--11.2)	2 (1-2)	1 (1-2)	-25.2 (-30.1--8.4)	0 (0-0)	0 (0-0)	-59.5 (-72.6--44.2)	1 (0-1)	0 (0-1)	-19.2 (-28.2-2.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	123	124	92	70
Serbia	0 (0-0)	0 (0-0)	-25.4 (-28.9--4.4)	1 (0-2)	1 (0-1)	-23.1 (-32.1--17.5)	0 (0-0)	0 (0-0)	-68.1 (-83.2--46.7)	0 (0-0)	0 (0-0)	-27.3 (-31.1--15.2)	0 (0-0)	0 (0-0)	-87.5 (-95.9--62.3)	0 (0-0)	0 (0-0)	-33.4 (-36.1--27)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	130	131	115	92
Slovakia	0 (0-0)	0 (0-0)	-0.8 (-21.1-21.7)	7 (5-8)	5 (4-7)	-19.5 (-36.1--2.8)	0 (0-0)	0 (0-0)	-58.7 (-77.2--22.1)	0 (0-0)	0 (0-0)	-16.2 (-33-5.7)	0 (0-0)	0 (0-0)	-73.5 (-92.3--15.4)	0 (0-0)	0 (0-0)	-5.3 (-24.9-18.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	120	124	82	70
Slovenia	0 (0-0)	0 (0-0)	-1.3 (-24.8-5.2)	2 (1-2)	2 (1-2)	-13.2 (-32.8--5)	0 (0-0)	0 (0-0)	-60 (-70--48.2)	0 (0-0)	0 (0-0)	-8.3 (-35--1.6)	0 (0-0)	0 (0-0)	-64 (-75.6--49.3)	0 (0-0)	0 (0-0)	1.8 (-24.9-13.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	125	82	63
Eastern Europe	3 (2-4)	3 (2-5)	9.1 (4.3-11)	56 (41-74)	50 (36-66)	-11.6 (-17.7--7.1)	1 (1-1)	1 (1-1)	-7.3 (-15.9-2.1)	4 (2-5)	4 (2-6)	-0.3 (-9.5-6.5)	0 (0-0)	0 (0-0)	-13 (-41.2-23.8)	1 (1-2)	2 (1-3)	22.9 (17.9-25.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	132	130	115	91
Belarus	0 (0-0)	0 (0-0)	2.6 (-18.4-6.1)	3 (2-4)	2 (1-3)	-16.9 (-45.1--9.5)	0 (0-0)	0 (0-0)	73.5 (12.5-187)	0 (0-0)	0 (0-0)	-4.3 (-22.3-1.8)	0 (0-0)	0 (0-0)	-16.8 (-64.2-107)	0 (0-0)	0 (0-0)	15.3 (3-20.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	135	106	84
Estonia	0 (0-0)	0 (0-0)	0.6 (-25.3-4.6)	0 (0-0)	0 (0-0)	-16.6 (-48.7--9.2)	0 (0-0)	0 (0-0)	-19.1 (-39.2-7.5)	0 (0-0)	0 (0-0)	-9.3 (-27.6--4.5)	0 (0-0)	0 (0-0)	-48.3 (-66.2--24.5)	0 (0-0)	0 (0-0)	7.2 (-7.3-12.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	132	104	82

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Latvia	0 (0-0)	0 (0-0)	-12.1 (-45.8--2.5)	1 (1-1)	1 (0-1)	-32.6 (-60.2--26.3)	0 (0-0)	0 (0-0)	-46.2 (-65.1--18.5)	0 (0-0)	0 (0-0)	-23.3 (-47.5--16.5)	0 (0-0)	0 (0-0)	-77.8 (-84.8--69.5)	0 (0-0)	0 (0-0)	2.9 (-19.7-9.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	135	109	81
Lithuania	0 (0-0)	0 (0-0)	-19.3 (-25.6-12.7)	2 (1-2)	1 (1-2)	-34.5 (-39.5--3)	0 (0-0)	0 (0-0)	-23.1 (-43.9-4.8)	0 (0-0)	0 (0-0)	-28.6 (-32.4--10)	0 (0-0)	0 (0-0)	-70.6 (-80.4--60.5)	0 (0-0)	0 (0-0)	-24.4 (-30.1--10.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	129	101	75
Republic of Moldova	0 (0-0)	0 (0-0)	-35.1 (-46.2--32.8)	1 (1-2)	1 (1-1)	-34.3 (-49.7--26)	0 (0-0)	0 (0-0)	-29.1 (-40.2--11.9)	0 (0-0)	0 (0-0)	-31.4 (-41.6--26.7)	0 (0-0)	0 (0-0)	-62.9 (-76.3--43.4)	0 (0-0)	0 (0-0)	-33.9 (-41.5--30.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	135	110	101
Russian Federation	2 (1-3)	2 (1-4)	19.6 (13.6-21.8)	37 (26-50)	35 (25-46)	-5.4 (-11.6-0.4)	1 (1-1)	1 (1-1)	-9.1 (-16.8--0.5)	2 (2-4)	3 (2-4)	7.6 (-4.2-16.6)	0 (0-0)	0 (0-0)	55.2 (28.4-87.3)	1 (0-2)	1 (0-2)	37.4 (31.2-39.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	133	117	90
Ukraine	1 (0-1)	1 (0-1)	-13.8 (-20.1--11.4)	12 (9-17)	10 (7-13)	-21.7 (-31.3--18.3)	0 (0-0)	0 (0-0)	2.3 (-28.3-39.4)	1 (0-1)	1 (0-1)	-16.3 (-27.2--13)	0 (0-0)	0 (0-0)	-29 (-58.3-16.6)	0 (0-1)	0 (0-1)	-8.4 (-15.9--4.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	122	119	98	89
High-income	2,860 (2,550-3,190)	2,530 (2,250-2,830)	-11.5 (-12.8--9.8)	79,800 (73,200-86,500)	84,100 (77,800-90,600)	5.2 (3.6-6.6)	622 (609-633)	596 (578-614)	-4.1 (-7.6--1.1)	2,720 (2,440-3,060)	2,720 (2,450-3,040)	-0.1 (-1.9-1.8)	37 (36-38)	22 (19-23)	-41.3 (-47.9--36.1)	729 (587-886)	578 (461-718)	-20.6 (-24--17)	0 (0-0)	0.8 (0.7-1)	0 (0-0)	1.2 (0.9-1.5)	77	76	21	17
Australasia	6 (5-8)	8 (6-10)	31.5 (23-42.9)	123 (100-155)	148 (120-188)	20.2 (14-28)	1 (1-1)	0 (0-0)	-66.1 (-71.4--58.1)	6 (5-8)	8 (6-10)	23.4 (15.2-34)	0 (0-0)	0 (0-0)	-85.7 (-89.8--81.1)	3 (2-4)	3 (2-5)	21 (10.1-35.5)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.3 (0.2-0.4)	102	113	44	39
Australia	4 (3-5)	5 (4-7)	29.5 (17.6-42.1)	81 (64-105)	98 (78-128)	20.9 (11.7-32)	1 (1-1)	0 (0-0)	-69.5 (-74.8--61.9)	4 (3-6)	5 (4-7)	22 (11.9-35.1)	0 (0-0)	0 (0-0)	-90.6 (-93.7--87.1)	2 (1-3)	2 (2-3)	19.8 (6.4-37.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.3 (0.2-0.4)	102	114	46	37
New Zealand	2 (2-2)	3 (2-3)	35.5 (24.6-49.2)	43 (35-50)	51 (42-62)	18.9 (9.8-28.8)	0 (0-0)	0 (0-0)	40.8 (16.8-74.1)	2 (2-2)	3 (2-3)	26.5 (11.9-41.5)	0 (0-0)	0 (0-0)	17.8 (-23.3-64.8)	1 (1-1)	1 (1-1)	24.3 (4.4-44)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.3 (0.2-0.4)	102	99	40	35
High-income Asia Pacific	6 (4-7)	4 (3-5)	-26.7 (-31.2--23.4)	109 (81-147)	93 (69-123)	-15.8 (-20.2--11.9)	6 (5-7)	2 (2-2)	-67.5 (-71.7--62.8)	7 (5-9)	5 (4-7)	-16.2 (-22.4--9.9)	1 (0-1)	0 (0-0)	-86.5 (-92.8--71)	3 (2-4)	2 (2-3)	-27 (-33.4--21.2)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	109	110	87	66
Brunei Darussalam	0 (0-0)	0 (0-0)	-11.3 (-19.7--2)	0 (0-1)	0 (0-1)	10.1 (0.4-26)	0 (0-0)	0 (0-0)	46.7 (-18.1-145)	0 (0-0)	0 (0-0)	-2.4 (-14.2-8.2)	0 (0-0)	0 (0-0)	-5.8 (-75.3-172)	0 (0-0)	0 (0-0)	-14 (-27--4.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	101	94	84	77
Japan	3 (2-4)	2 (1-3)	-24.5 (-29.3--18.5)	58 (37-90)	49 (33-73)	-15.6 (-20.4--9.3)	5 (4-5)	1 (1-1)	-69.2 (-70.7--67.4)	3 (2-5)	3 (2-4)	-14.1 (-20.1--7.4)	0 (0-0)	0 (0-0)	-79.9 (-82.3--77.3)	1 (1-2)	1 (1-1)	-21.3 (-27.2--14.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	109	82	72
Aichi	1 (1-1)	1 (0-1)	-22.4 (-32--11.5)	18 (14-24)	16 (12-21)	-10.3 (-21.5-1.6)	0 (0-0)	0 (0-0)	-69 (-73.6--64.2)	1 (1-1)	1 (1-1)	-9.2 (-20.7-3.2)	0 (0-0)	0 (0-0)	-77.4 (-83.7--71.1)	0 (0-0)	0 (0-0)	-18.9 (-31.8--5.4)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.3)	106	108	58	44
Akita	0 (0-0)	0 (0-0)	-49.2 (-50.1--48.3)	0 (0-1)	0 (0-0)	-42.9 (-47.7--37.8)	0 (0-0)	0 (0-0)	-68.5 (-73.6--60.3)	0 (0-0)	0 (0-0)	-42.8 (-48.8--40.4)	0 (0-0)	0 (0-0)	-84.7 (-89--79)	0 (0-0)	0 (0-0)	-49 (-53.1--46)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	112	92	78
Aomori	0 (0-0)	0 (0-0)	-44.4 (-44.6--43.7)	0 (0-1)	0 (0-0)	-38.6 (-43.2--34.5)	0 (0-0)	0 (0-0)	-70.6 (-75.4--63.5)	0 (0-0)	0 (0-0)	-37.9 (-40.6--36.4)	0 (0-0)	0 (0-0)	-83.4 (-87.8--77.6)	0 (0-0)	0 (0-0)	-43.8 (-46.7--40.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	106	92	78
Chiba	0 (0-0)	0 (0-0)	-27.8 (-32.8--15.3)	5 (3-7)	4 (3-6)	-17.8 (-25.4--5.4)	0 (0-0)	0 (0-0)	-68.7 (-72.5--63.7)	0 (0-0)	0 (0-0)	-15.1 (-18.9-4.6)	0 (0-0)	0 (0-0)	-77.4 (-81.6--72.4)	0 (0-0)	0 (0-0)	-23.6 (-31.4--6.7)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	106	107	74	64
Ehime	0 (0-0)	0 (0-0)	-38.4 (-46--36.7)	0 (0-1)	0 (0-1)	-29.2 (-41--24.8)	0 (0-0)	0 (0-0)	-71.2 (-74.7--66.5)	0 (0-0)	0 (0-0)	-29.2 (-39.1--26.9)	0 (0-0)	0 (0-0)	-82.8 (-87.3--77.3)	0 (0-0)	0 (0-0)	-35.2 (-40.2--31.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	106	108	94	81
Fukui	0 (0-0)	0 (0-0)	-34.1 (-48.7--29)	0 (0-0)	0 (0-0)	-24.8 (-44.5--16.5)	0 (0-0)	0 (0-0)	-67.6 (-73.1--61.3)	0 (0-0)	0 (0-0)	-25.9 (-29.6--23.6)	0 (0-0)	0 (0-0)	-79.6 (-86--72.2)	0 (0-0)	0 (0-0)	-34.1 (-39--30.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	109	87	84
Fukuoka	0 (0-0)	0 (0-0)	-17.1 (-19.3--12.6)	1 (0-2)	1 (0-2)	-13.8 (-20.1--5.6)	0 (0-0)	0 (0-0)	-70.2 (-74.9--64.9)	0 (0-0)	0 (0-0)	-11 (-15.3--10)	0 (0-0)	0 (0-0)	-74.2 (-80.7--65.7)	0 (0-0)	0 (0-0)	-12.4 (-18.4--8.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	108	109	93	84
Fukushima	0 (0-0)	0 (0-0)	-44.3 (-46.2--41.1)	0 (0-1)	0 (0-1)	-37.1 (-42.1--31.3)	0 (0-0)	0 (0-0)	-69 (-73.9--61.7)	0 (0-0)	0 (0-0)	-36.3 (-40.2--33.5)	0 (0-0)	0 (0-0)	-82.1 (-87--76.5)	0 (0-0)	0 (0-0)	-42.3 (-45.3--39)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	108	110	92	84
Gifu	0 (0-0)	0 (0-0)	-37.5 (-42.4--33.1)	0 (0-1)	0 (0-1)	-25.4 (-33.3--17.5)	0 (0-0)	0 (0-0)	-71.2 (-76.6--66.1)	0 (0-0)	0 (0-0)	-26.8 (-32.7--23.5)	0 (0-0)	0 (0-0)	-82.3 (-86.4--76.3)	0 (0-0)	0 (0-0)	-34.6 (-38.6--30.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	106	107	90	80
Gunma	0 (0-0)	0 (0-0)	-39.3 (-39.2--34.9)	0 (0-1)	0 (0-1)	-25.4 (-31.1--18.1)	0 (0-0)	0 (0-0)	-68.4 (-73.4--62.8)	0 (0-0)	0 (0-0)	-26.9 (-31.5--23.5)	0 (0-0)	0 (0-0)	-84 (-88.7--79.3)	0 (0-0)	0 (0-0)	-36.5 (-40.2--32.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	108	109	94	81
Hiroshima	0 (0-0)	0 (0-0)	-28.2 (-29.2--26.1)	1 (0-1)	1 (0-1)	-17.7 (-22.7--12.2)	0 (0-0)	0 (0-0)	-70.7 (-74.9--64.9)	0 (0-0)	0 (0-0)	-17.9 (-21.5--15.7)	0 (0-0)	0 (0-0)	-77.7 (-84.6--69.3)	0 (0-0)	0 (0-0)	-24.2 (-28.8--19.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	105	88	79
Hokkaidō	0 (0-0)	0 (0-0)	-39.9 (-44.2--35)	1 (0-3)	1 (0-2)	-32.4 (-37.7--25.1)	0 (0-0)	0 (0-0)	-69.6 (-76--62.4)	0 (0-0)	0 (0-0)	-31.1 (-61--22.9)	0 (0-0)	0 (0-0)	-78 (-84.1--71.2)	0 (0-0)	0 (0-0)	-36.2 (-60.9--28.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	109	92	87
Hyōgo	0 (0-0)	0 (0-0)	-30.6 (-41.8--28.4)	2 (1-4)	2 (1-3)	-22.1 (-36.5--10.1)	0 (0-0)	0 (0-0)	-69.6 (-74.5--63.4)	0 (0-0)	0 (0-0)	-21.3 (-43.7--17.5)	0 (0-0)	0 (0-0)	-81 (-86.2--74.6)	0 (0-0)	0 (0-0)	-28.9 (-50.5--23)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	106	107	82	73
Ibaraki	0 (0-0)	0 (0-0)	-38.4 (-55.5--36)	2 (2-4)	2 (1-3)	-26.8 (-41.2--17)	0 (0-0)	0 (0-0)	-68 (-72.8--61.4)	0 (0-0)	0 (0-0)	-26.9 (-48.8--22.1)	0 (0-0)	0 (0-0)	-79.3 (-84.7--71.4)	0 (0-0)	0 (0-0)	-35.5 (-57.9--27.9)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	106	107	72	64
Ishikawa	0 (0-0)	0 (0-0)	-31.7 (-33.3--29)	0 (0-1)	0 (0-0)	-22.1 (-28.1--14.5)	0 (0-0)	0 (0-0)	-71.5 (-75.9--66.9)	0 (0-0)	0 (0-0)	-22.5 (-25.3--16.5)	0 (0-0)	0 (0-0)	-83.8 (-88.3--74.7)	0 (0-0)	0 (0-0)	-29.5 (-34--23.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	104	108	88	79
Iwate	0 (0-0)	0 (0-0)	-43.2 (-45.4--41.1)	0 (0-1)	0 (0-0)	-33.3 (-38.1--29.2)	0 (0-0)	0 (0-0)	-73 (-76.8--67)	0 (0-0)	0 (0-0)	-33.2 (-35.9--31.2)	0 (0-0)	0 (0-0)	-82.7 (-87.2--77.6)	0 (0-0)	0 (0-0)	-40 (-43.6--36)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	108	90	77
Kagawa	0 (0-0)	0 (0-0)	-36.7 (-64.9--24.6)	0 (0-1)	0 (0-0)	-25.2 (-58.1--5.7)	0 (0-0)	0 (0-0)	-70.4 (-74.4--65.5)	0 (0-0)	0 (0-0)	-26.3 (-30--22.3)	0 (0-0)	0 (0-0)	-78.1 (-84.2--71.1)	0 (0-0)	0 (0-0)	-33.8 (-40.4--28.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	105	90	80

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Kagoshima	0 (0-0)	0 (0-0)	-29.5 (-31.4--27.4)	0 (0-1)	0 (0-1)	-29.1 (-33.4--23.6)	0 (0-0)	0 (0-0)	-67.9 (-72.2--64)	0 (0-0)	0 (0-0)	-26.2 (-27.4--24.2)	0 (0-0)	0 (0-0)	-81 (-85.4--75.1)	0 (0-0)	0 (0-0)	-26.5 (-33.2--21.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	109	109	95	83
Kanagawa	0 (0-0)	0 (0-0)	-27.6 (-36.5--23.2)	3 (1-7)	3 (1-6)	-15.2 (-23.2--6.8)	0 (0-0)	0 (0-0)	-67.6 (-72.5--61.4)	0 (0-0)	0 (0-0)	-12.7 (-31.3--8.2)	0 (0-0)	0 (0-0)	-81.7 (-85.3--76.7)	0 (0-0)	0 (0-0)	-21.1 (-41.4--12.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	108	112	87	74
Kōchi	0 (0-0)	0 (0-0)	-39.2 (-44--13.5)	0 (0-0)	0 (0-0)	-32.4 (-39.6-1.1)	0 (0-0)	0 (0-0)	-70.4 (-74.5--65.4)	0 (0-0)	0 (0-0)	-31.9 (-34.8--29.6)	0 (0-0)	0 (0-0)	-79.8 (-84.6--70.9)	0 (0-0)	0 (0-0)	-36.1 (-39.4--31.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	106	109	88	81
Kumamoto	0 (0-0)	0 (0-0)	-27.7 (-39.1--23.6)	0 (0-1)	0 (0-1)	-24.7 (-38.5--16.9)	0 (0-0)	0 (0-0)	-69.5 (-74.7--64)	0 (0-0)	0 (0-0)	-21.9 (-50.5--18)	0 (0-0)	0 (0-0)	-76.9 (-83.4--67.2)	0 (0-0)	0 (0-0)	-22.6 (-51.8--15.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	104	108	95	84
Kyōto	0 (0-0)	0 (0-0)	-25.9 (-28.4--17.3)	1 (0-1)	0 (0-1)	-19 (-26.3--4.1)	0 (0-0)	0 (0-0)	-70.2 (-75--62.8)	0 (0-0)	0 (0-0)	-18.2 (-32--3.9)	0 (0-0)	0 (0-0)	-80.9 (-86.8--74.6)	0 (0-0)	0 (0-0)	-24.1 (-37.9--12.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	110	92	79
Mie	0 (0-0)	0 (0-0)	-35.8 (-41.6--24.1)	0 (0-1)	0 (0-1)	-24.1 (-32.3--10.6)	0 (0-0)	0 (0-0)	-71 (-77.2--64.8)	0 (0-0)	0 (0-0)	-24.7 (-28.4--21.1)	0 (0-0)	0 (0-0)	-82.3 (-87.6--76.7)	0 (0-0)	0 (0-0)	-33.1 (-37--25.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	108	109	94	80
Miyagi	0 (0-0)	0 (0-0)	-33 (-50--23.8)	1 (0-1)	0 (0-1)	-23.8 (-48.6--14.4)	0 (0-0)	0 (0-0)	-68.5 (-74.1--62.2)	0 (0-0)	0 (0-0)	-22 (-24.8--18.9)	0 (0-0)	0 (0-0)	-78.5 (-84.1--72.2)	0 (0-0)	0 (0-0)	-28.3 (-31.7--24.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	106	89	79
Miyazaki	0 (0-0)	0 (0-0)	-34.5 (-37.2--29.4)	0 (0-1)	0 (0-0)	-27.3 (-33.4--20.8)	0 (0-0)	0 (0-0)	-67.4 (-72.2--62.1)	0 (0-0)	0 (0-0)	-27 (-28.9--25.2)	0 (0-0)	0 (0-0)	-77.3 (-83.5--68.6)	0 (0-0)	0 (0-0)	-31.2 (-36--24.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	109	112	92	85
Nagano	0 (0-0)	0 (0-0)	-39.8 (-46.3--37.8)	0 (0-1)	0 (0-1)	-27.3 (-36.9--20)	0 (0-0)	0 (0-0)	-70.8 (-75.2--65.8)	0 (0-0)	0 (0-0)	-28.6 (-33.5--25.9)	0 (0-0)	0 (0-0)	-80.2 (-84.5--73.1)	0 (0-0)	0 (0-0)	-36.9 (-45--32.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	108	92	78
Nagasaki	0 (0-0)	0 (0-0)	-35.5 (-49.3--32.3)	0 (0-1)	0 (0-1)	-32.7 (-50.9--23.6)	0 (0-0)	0 (0-0)	-71.2 (-76.6--65.1)	0 (0-0)	0 (0-0)	-31.1 (-45.6--28.4)	0 (0-0)	0 (0-0)	-79.7 (-85.7--72.6)	0 (0-0)	0 (0-0)	-34.4 (-46.1--29.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	110	114	94	83
Nara	0 (0-0)	0 (0-0)	-38.4 (-39.4--35.7)	0 (0-1)	0 (0-1)	-28.9 (-34.2--23.5)	0 (0-0)	0 (0-0)	-69 (-74.3--63.3)	0 (0-0)	0 (0-0)	-28.7 (-32.1--26.8)	0 (0-0)	0 (0-0)	-77.8 (-84--69)	0 (0-0)	0 (0-0)	-34.8 (-39.3--31.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	102	104	90	83
Niigata	0 (0-0)	0 (0-0)	-37.1 (-38.9--35)	1 (0-1)	0 (0-1)	-28.2 (-33.1--20.2)	0 (0-0)	0 (0-0)	-70.2 (-75.2--63.5)	0 (0-0)	0 (0-0)	-28.4 (-32.2--13.3)	0 (0-0)	0 (0-0)	-84.8 (-88.2--80.9)	0 (0-0)	0 (0-0)	-35.3 (-40.6--15.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	110	91	76
Ōita	0 (0-0)	0 (0-0)	-31.4 (-49.9--23.1)	0 (0-1)	0 (0-0)	-25.7 (-48.9--14.6)	0 (0-0)	0 (0-0)	-70.3 (-75.2--65.2)	0 (0-0)	0 (0-0)	-24.8 (-32.8--21.7)	0 (0-0)	0 (0-0)	-80.2 (-85.7--72.9)	0 (0-0)	0 (0-0)	-28.2 (-37.7--23)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	108	109	93	81
Okayama	0 (0-0)	0 (0-0)	-28.2 (-30.4--26.7)	0 (0-1)	0 (0-1)	-19.5 (-23.8--13.5)	0 (0-0)	0 (0-0)	-69.8 (-75--63.5)	0 (0-0)	0 (0-0)	-20.1 (-22.2--17.5)	0 (0-0)	0 (0-0)	-81.1 (-85.6--74.5)	0 (0-0)	0 (0-0)	-25.4 (-29.4--20.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	106	92	78
Okinawa	0 (0-0)	0 (0-0)	-12.5 (-17.3--9.6)	1 (0-1)	1 (0-1)	-9.1 (-19.9--0.2)	0 (0-0)	0 (0-0)	-64.7 (-70.4--57.5)	0 (0-0)	0 (0-0)	-5.6 (-19.5--2)	0 (0-0)	0 (0-0)	-75.9 (-82.3--67.5)	0 (0-0)	0 (0-0)	-7.5 (-24.1-3.1)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	110	114	84	75
Ōsaka	0 (0-0)	0 (0-0)	-30.6 (-31.8--28.9)	3 (1-6)	2 (1-4)	-20.3 (-26.8--10.7)	0 (0-0)	0 (0-0)	-69.7 (-73.5--64.5)	0 (0-0)	0 (0-0)	-20 (-23--16.8)	0 (0-0)	0 (0-0)	-79.9 (-85.3--72.8)	0 (0-0)	0 (0-0)	-27.8 (-31.7--22.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	106	107	87	80
Saga	0 (0-0)	0 (0-0)	-31.9 (-32.3--31.1)	0 (0-0)	0 (0-0)	-25.1 (-30.9--20.1)	0 (0-0)	0 (0-0)	-69.5 (-74.4--61.6)	0 (0-0)	0 (0-0)	-24.4 (-26.2--23)	0 (0-0)	0 (0-0)	-82.8 (-88.1--76.7)	0 (0-0)	0 (0-0)	-29.5 (-33.6--26)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	110	108	95	81
Saitama	0 (0-0)	0 (0-0)	-28.3 (-28.6--24.5)	2 (0-4)	1 (0-3)	-18.6 (-24.4--11.2)	0 (0-0)	0 (0-0)	-68.5 (-73.3--64)	0 (0-0)	0 (0-0)	-17.4 (-21.2--13.9)	0 (0-0)	0 (0-0)	-83.2 (-87.2--77.3)	0 (0-0)	0 (0-0)	-23.9 (-28.6--17.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	107	92	79
Shiga	0 (0-0)	0 (0-0)	-28.3 (-39.7--23.4)	0 (0-1)	0 (0-1)	-15.6 (-28.9--5)	0 (0-0)	0 (0-0)	-66.9 (-72.2--61)	0 (0-0)	0 (0-0)	-16.2 (-50.4--11.4)	0 (0-0)	0 (0-0)	-81.3 (-86.9--73.3)	0 (0-0)	0 (0-0)	-24.2 (-53.5--17.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	107	91	78
Shimane	0 (0-0)	0 (0-0)	-29.3 (-34.6--7)	0 (0-0)	0 (0-0)	-24.4 (-31.9-4.1)	0 (0-0)	0 (0-0)	-73.8 (-76.8--68.8)	0 (0-0)	0 (0-0)	-23.5 (-27.2--5.4)	0 (0-0)	0 (0-0)	-81.7 (-87.2--74.1)	0 (0-0)	0 (0-0)	-26 (-31.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	104	106	90	78
Shizuoka	0 (0-0)	0 (0-0)	-35 (-41.2--32.3)	1 (0-2)	1 (0-1)	-25.3 (-33.6--19.7)	0 (0-0)	0 (0-0)	-68.3 (-73.5--63.1)	0 (0-0)	0 (0-0)	-25 (-27.4--21.9)	0 (0-0)	0 (0-0)	-78.1 (-82.7--70.7)	0 (0-0)	0 (0-0)	-31.4 (-36.5--27.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	105	108	90	84
Tochigi	0 (0-0)	0 (0-0)	-33.9 (-34.5--33.5)	0 (0-1)	0 (0-1)	-23 (-27.5--18.2)	0 (0-0)	0 (0-0)	-67.8 (-74.2--60.4)	0 (0-0)	0 (0-0)	-22.6 (-25.5--20.2)	0 (0-0)	0 (0-0)	-81.7 (-86.5--75.4)	0 (0-0)	0 (0-0)	-28.7 (-31.9--24.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	108	92	80
Tokushima	0 (0-0)	0 (0-0)	-36.7 (-57.5--29.5)	0 (0-0)	0 (0-0)	-31.7 (-53.8--20)	0 (0-0)	0 (0-0)	-68.5 (-74--62.3)	0 (0-0)	0 (0-0)	-30.4 (-45--27)	0 (0-0)	0 (0-0)	-81.4 (-87.2--73.3)	0 (0-0)	0 (0-0)	-33.4 (-42.5--28)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	110	93	83
Tōkyō	0 (0-0)	0 (0-0)	5.7 (-18.5-10.3)	8 (4-13)	8 (4-13)	-0.1 (-21.6-10.2)	0 (0-0)	0 (0-0)	-67.3 (-72.6--60.2)	0 (0-1)	0 (0-1)	8.5 (-16.4-22.1)	0 (0-0)	0 (0-0)	-77.4 (-83.7--69.5)	0 (0-0)	0 (0-0)	11 (-19.8-23.5)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	110	112	76	65
Tottori	0 (0-0)	0 (0-0)	-30.7 (-31.9--29.9)	0 (0-0)	0 (0-0)	-25.3 (-30.1--20.9)	0 (0-0)	0 (0-0)	-70.9 (-76.6--64.2)	0 (0-0)	0 (0-0)	-24.1 (-26.2--22.7)	0 (0-0)	0 (0-0)	-75.8 (-82.4--65.2)	0 (0-0)	0 (0-0)	-26.9 (-31.2--22.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	109	89	81
Toyama	0 (0-0)	0 (0-0)	-38.4 (-39.3--34.4)	0 (0-1)	0 (0-0)	-25.3 (-33.2--17.6)	0 (0-0)	0 (0-0)	-68.9 (-73.8--63.3)	0 (0-0)	0 (0-0)	-26 (-29.6--23.5)	0 (0-0)	0 (0-0)	-83.2 (-88.9--78.4)	0 (0-0)	0 (0-0)	-32.8 (-36.4--28.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	107	87	79
Wakayama	0 (0-0)	0 (0-0)	-41.1 (-43--40.5)	0 (0-1)	0 (0-0)	-32.4 (-36.5--27.4)	0 (0-0)	0 (0-0)	-72.7 (-76.2--68.2)	0 (0-0)	0 (0-0)	-32.4 (-34.5--30.1)	0 (0-0)	0 (0-0)	-80.1 (-86.6--74)	0 (0-0)	0 (0-0)	-38.9 (-41.9--34.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	106	106	91	81
Yamagata	0 (0-0)	0 (0-0)	-41 (-42.1--37.1)	0 (0-1)	0 (0-0)	-32.3 (-40--25.1)	0 (0-0)	0 (0-0)	-66.9 (-72.1--62.5)	0 (0-0)	0 (0-0)	-32.8 (-48.3--17.2)	0 (0-0)	0 (0-0)	-80.9 (-85.8--75.5)	0 (0-0)	0 (0-0)	-39.2 (-56.8--18.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	108	90	76
Yamaguchi	0 (0-0)	0 (0-0)	-37.3 (-59.2--9.4)	0 (0-1)	0 (0-1)	-29.1 (-57.2--5.8)	0 (0-0)	0 (0-0)	-71.7 (-77.6--65.4)	0 (0-0)	0 (0-0)	-29 (-42.1--26.3)	0 (0-0)	0 (0-0)	-78.9 (-85.2--71.6)	0 (0-0)	0 (0-0)	-33.4 (-41.3--27.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	111	94	84

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Yamanashi	0 (0-0)	0 (0-0)	-40 (-42.3--38.3)	0 (0-0)	0 (0-0)	-29.9 (-34.4--24.4)	0 (0-0)	0 (0-0)	-67.4 (-72.7--59.3)	0 (0-0)	0 (0-0)	-31.2 (-40.6--28.3)	0 (0-0)	0 (0-0)	-85.4 (-89.5--80.5)	0 (0-0)	0 (0-0)	-40.9 (-46.3--37)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	104	104	90	77
Republic of Korea	3 (2-4)	2 (1-3)	-30.6 (-38.8--28.6)	46 (33-60)	38 (26-50)	-18.8 (-29.9--11.6)	1 (1-2)	0 (0-1)	-63 (-78.2--36.6)	3 (2-4)	3 (2-3)	-21 (-31.5--9.6)	0 (0-1)	0 (0-0)	-91.7 (-98.6--58.9)	2 (1-3)	1 (1-2)	-33.8 (-43.3--24.3)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.3 (0.2-0.4)	103	99	81	39
Singapore	0 (0-0)	0 (0-0)	-7.6 (-14.7--0.9)	5 (3-6)	5 (4-7)	10.2 (-2.1-20.1)	0 (0-0)	0 (0-0)	-65.7 (-73.2--55.9)	0 (0-0)	0 (0-0)	21.8 (8.2-36.4)	0 (0-0)	0 (0-0)	-74.5 (-85.4--60.8)	0 (0-0)	0 (0-0)	19.8 (6.7-38.2)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	116	116	74	50
High-income North America	1,480 (1,380-1,580)	1,260 (1,170-1,340)	-14.9 (-16--13.3)	54,500 (50,800-57,900)	59,400 (56,200-63,400)	8.9 (6.9-10.6)	546 (535-558)	517 (500-535)	-5.3 (-9.2--1.7)	1,290 (1,190-1,390)	1,300 (1,210-1,400)	1.2 (-1.4-4)	29 (28-30)	16 (14-17)	-45.4 (-51.8--40.5)	277 (230-334)	152 (124-184)	-45 (-48.6--41.7)	0.1 (0.1-0.1)	0.8 (0.7-0.9)	0.1 (0.1-0.1)	0.6 (0.5-0.8)	57	63	22	23
Canada	6 (4-7)	3 (2-4)	-45.6 (-59.9--26.4)	146 (119-176)	130 (96-166)	-10.9 (-37.9-13.5)	14 (13-15)	13 (12-14)	-7.5 (-16.2-5.3)	6 (5-8)	4 (3-5)	-42.2 (-58.8--20.6)	1 (1-1)	0 (0-0)	-46.4 (-60--32.1)	3 (2-5)	1 (1-1)	-75.3 (-83.6--60.6)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	73	77	45	62
Greenland	0 (0-0)	0 (0-0)	-16.9 (-25.5--6.3)	0 (0-0)	0 (0-0)	-13.6 (-22.1-8)	0 (0-0)	0 (0-0)	-30.5 (-60.3-23.8)	0 (0-0)	0 (0-0)	-12.1 (-21.4-1)	0 (0-0)	0 (0-0)	-58.1 (-88.6-21.8)	0 (0-0)	0 (0-0)	-17.4 (-28.7--1.9)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	103	104	63	48
United States of America	1,470 (1,370-1,560)	1,220 (1,130-1,290)	-17.3 (-18.4--15.9)	54,300 (50,600-57,600)	59,800 (56,600-63,900)	10.3 (8.2-12)	533 (521-544)	505 (486-522)	-5.3 (-9.2--1.7)	1,280 (1,180-1,380)	1,310 (1,220-1,410)	2.6 (0.1-5.4)	28 (27-30)	16 (14-17)	-45.4 (-51.6--40.7)	273 (226-328)	153 (125-186)	-43.8 (-47.5--40.4)	0.1 (0.1-0.1)	0.8 (0.7-1)	0.1 (0.1-0.1)	0.7 (0.5-0.9)	57	63	22	23
Alabama	48 (44-52)	40 (37-43)	-16.7 (-20.5--12.9)	1,650 (1,530-1,780)	1,760 (1,640-1,930)	6.6 (0-13.1)	18 (17-19)	17 (14-20)	-8 (-24.6-8.1)	43 (40-47)	42 (38-45)	-4.2 (-9.2-1.2)	1 (1-1)	1 (1-1)	-35.1 (-45.4--25.3)	11 (9-13)	6 (5-8)	-44 (-51.4--35.9)	0.1 (0.1-0.1)	1.6 (1.3-1.9)	0.1 (0.1-0.1)	1.3 (0.9-1.7)	51	54	14	18
Alaska	1 (1-1)	1 (1-1)	-22.8 (-28.9--16.8)	40 (29-53)	40 (29-53)	2.1 (-4.6-9.3)	0 (0-0)	0 (0-0)	4.8 (-13.8-24.1)	1 (1-1)	1 (1-1)	-1.8 (-10.6-6.9)	0 (0-0)	0 (0-0)	-40.6 (-55.2--9.4)	0 (0-0)	0 (0-0)	-32.1 (-47.7--19.6)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	85	87	55	56
Arizona	15 (14-16)	14 (13-15)	-6.2 (-11.4--0.2)	496 (453-536)	700 (636-751)	41.1 (33.3-49.3)	5 (5-6)	6 (5-7)	16.7 (-2.9-39.5)	11 (10-12)	16 (14-17)	39.6 (32.6-47.4)	0 (0-0)	0 (0-0)	-43.7 (-56.8--31.5)	2 (2-3)	2 (2-2)	-19.3 (-27.9--9.8)	0 (0-0.1)	0.3 (0.3-0.4)	0 (0-0)	0.4 (0.3-0.5)	71	75	35	35
Arkansas	19 (17-20)	14 (12-15)	-27.4 (-31.2--23.2)	633 (573-683)	641 (581-703)	1.2 (-5.2-6.9)	8 (7-8)	8 (7-10)	4.7 (-13.3-24.4)	17 (15-19)	14 (13-16)	-16 (-21.2--11.2)	0 (0-0)	0 (0-0)	-39.1 (-52.3--23.1)	5 (4-6)	2 (1-2)	-60 (-65.3--54.2)	0.1 (0.1-0.1)	1.2 (0.9-1.5)	0.1 (0.1-0.1)	0.7 (0.4-0.9)	55	58	18	25
California	84 (78-90)	62 (58-66)	-26.5 (-29.6--21.7)	3,140 (2,920-3,370)	3,350 (3,130-3,580)	6.8 (2.6-11.6)	40 (38-42)	35 (29-39)	-12.7 (-29.4-1)	64 (59-70)	68 (63-73)	5.4 (0.5-11.5)	2 (2-3)	1 (1-1)	-63.4 (-70.3--56)	13 (11-16)	7 (6-9)	-45.6 (-52--38.1)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0 (0-0.1)	0.4 (0.3-0.5)	60	71	33	30
Colorado	7 (7-8)	6 (5-7)	-16.1 (-20.7--11.9)	256 (226-286)	287 (245-330)	12 (6-18.2)	3 (3-4)	4 (3-4)	9.1 (-10.4-30.6)	6 (5-7)	7 (6-8)	5.4 (-1.4-12.5)	0 (0-0)	0 (0-0)	-41.4 (-55.7--27.2)	1 (1-2)	1 (1-1)	-42.1 (-49.5--34)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.2 (0.2-0.3)	73	76	37	40
Connecticut	16 (15-17)	11 (10-12)	-33 (-36.3--28.9)	645 (590-685)	615 (565-666)	-4.7 (-9-0.9)	5 (5-5)	4 (3-5)	-20 (-35.3--7.9)	16 (14-17)	14 (13-16)	-9.2 (-13.6--3.8)	0 (0-0)	0 (0-0)	-58.5 (-67.8--46.9)	3 (2-4)	1 (1-2)	-54.1 (-60.3--47.4)	0.1 (0.1-0.1)	1 (0.8-1.2)	0.1 (0-0.1)	1 (0.7-1.3)	56	66	17	17
Delaware	9 (9-10)	9 (8-10)	-5.4 (-10.4--1.2)	333 (304-357)	402 (370-431)	20.5 (15.1-26.9)	2 (2-2)	2 (1-2)	1.1 (-13.3-18.5)	8 (8-9)	10 (9-11)	16.6 (10.7-23.2)	0 (0-0)	0 (0-0)	-21.6 (-39.8-4)	2 (2-2)	1 (1-2)	-25.7 (-35.7--15.8)	0.1 (0.1-0.1)	1.7 (1.3-2.1)	0.1 (0.1-0.1)	1.7 (1.2-2.2)	52	56	11	13
District of Columbia	12 (10-13)	11 (9-12)	-7.6 (-14--0.1)	346 (302-390)	362 (310-411)	4.7 (-1.8-12.8)	4 (3-4)	2 (2-3)	-36.8 (-44.4--28.3)	11 (9-12)	10 (8-11)	-8.7 (-16.1--1.6)	0 (0-0)	0 (0-0)	-49 (-63--30.6)	3 (2-4)	2 (1-2)	-43.6 (-52.9--33.8)	0.2 (0.1-0.2)	2.5 (1.9-3.1)	0.1 (0.1-0.2)	2.4 (1.5-3.3)	45	49	11	11
Florida	142 (133-150)	134 (126-143)	-5.8 (-9.2--1)	5,540 (5,180-5,930)	7,070 (6,650-7,540)	27.6 (22.2-34.4)	38 (37-41)	47 (41-54)	21.3 (1.3-42.8)	133 (123-144)	160 (149-171)	20.8 (15.1-26.6)	2 (2-2)	1 (1-1)	-44.5 (-53.3--35.8)	23 (20-28)	16 (14-20)	-29.1 (-37--20.4)	0.1 (0.1-0.1)	1.3 (1.1-1.5)	0.1 (0.1-0.1)	1.2 (1-1.5)	51	56	16	16
Georgia	96 (90-103)	87 (81-93)	-10 (-13.3--6.3)	3,270 (3,030-3,510)	4,130 (3,890-4,440)	26.3 (21-31.6)	30 (28-31)	31 (27-36)	3.8 (-9.7-23.5)	76 (70-83)	90 (84-97)	18.8 (12.6-24.9)	2 (2-2)	1 (1-1)	-38 (-49.4--26.7)	17 (14-21)	12 (10-15)	-30 (-39.4--19.3)	0.1 (0.1-0.1)	1.3 (1.1-1.6)	0.1 (0.1-0.1)	1.3 (1-1.6)	50	53	16	16
Hawaii	1 (1-1)	0 (0-1)	-49.9 (-72.5--34.4)	29 (16-46)	21 (10-38)	-26.3 (-64--3.2)	1 (1-1)	0 (0-1)	-11.8 (-28.8-11.8)	1 (0-1)	0 (0-1)	-34.3 (-63.1--13.3)	0 (0-0)	0 (0-0)	-45.3 (-60--25.6)	0 (0-0)	0 (0-0)	-64.9 (-82.2--47.5)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	84	89	48	56
Idaho	1 (0-1)	1 (1-1)	11.8 (3.1-21.3)	19 (15-25)	27 (22-34)	39.7 (28.1-50.4)	0 (0-0)	0 (0-1)	14.4 (-7.8-40.5)	1 (0-1)	1 (1-1)	29.3 (17.7-41.8)	0 (0-0)	0 (0-0)	-42.7 (-58.7--22.1)	0 (0-0)	0 (0-0)	-17.5 (-30.1--3.4)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	86	86	65	64
Illinois	53 (49-58)	28 (26-30)	-47.5 (-50.1--44.5)	1,750 (1,600-1,920)	1,510 (1,400-1,640)	-13.7 (-18.4--8.8)	27 (26-29)	22 (18-25)	-21.7 (-34--8)	45 (41-50)	33 (30-36)	-27.2 (-31.3--22.3)	2 (1-2)	1 (0-1)	-65.6 (-71.5--57.7)	13 (10-16)	4 (3-5)	-70 (-74.9--64.1)	0.1 (0.1-0.1)	0.7 (0.6-0.9)	0.1 (0.1-0.1)	0.5 (0.4-0.7)	54	60	22	24
Indiana	23 (21-24)	19 (17-20)	-18.5 (-22.7--15.4)	807 (745-874)	839 (778-903)	4 (-1.6-8.8)	10 (9-11)	10 (8-12)	-1.1 (-17.6-18.1)	20 (18-22)	19 (18-21)	-5.2 (-10.1-0.2)	1 (1-1)	0 (0-0)	-40.1 (-51.2--24)	5 (4-6)	3 (2-3)	-43.2 (-50.3--35)	0.1 (0.1-0.1)	0.6 (0.5-0.7)	0.1 (0.1-0.1)	0.5 (0.3-0.6)	59	64	25	31
Iowa	6 (5-6)	5 (4-6)	-9.6 (-14.3--4.4)	230 (201-254)	244 (212-276)	6 (0.3-11.9)	2 (2-2)	2 (2-2)	-9.4 (-25.6-8.9)	5 (4-6)	5 (4-6)	-2.1 (-7.5-4.1)	0 (0-0)	0 (0-0)	-38.5 (-53.1--15.4)	1 (1-1)	0 (0-1)	-42.7 (-49.2--35.5)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	70	75	36	43
Kansas	8 (7-9)	5 (4-6)	-34.1 (-38.9--30.5)	266 (233-303)	241 (208-280)	-9.4 (-16.6--2.9)	4 (4-4)	4 (3-5)	-8.2 (-26-11.9)	7 (6-8)	5 (5-6)	-20.2 (-25.3--14.1)	0 (0-0)	0 (0-0)	-55.2 (-65.3--41.5)	2 (1-2)	1 (1-1)	-52.9 (-59.4--45.9)	0.1 (0.1-0.1)	0.5 (0.4-0.7)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	57	67	26	32
Kentucky	8 (7-8)	6 (6-7)	-15.3 (-18.3--11.7)	266 (234-297)	284 (245-316)	6.7 (2.3-12.2)	6 (6-7)	7 (6-8)	6.3 (-11.7-23.4)	7 (6-8)	7 (6-8)	-3.3 (-8.7-2)	0 (0-0)	0 (0-0)	-40.4 (-52.2--23.6)	2 (1-2)	1 (1-1)	-41.9 (-48.1--34.4)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0-0.1)	0.3 (0.2-0.4)	65	70	32	36
Louisiana	44 (40-47)	30 (28-33)	-30.3 (-34--26.2)	1,390 (1,290-1,500)	1,260 (1,170-1,360)	-9.1 (-13.4--4.2)	18 (18-19)	16 (14-19)	-12.8 (-25.5-1.9)	37 (34-41)	29 (27-32)	-21.8 (-26.3--17)	1 (1-1)	1 (1-1)	-46.6 (-56--35.8)	11 (9-14)	5 (4-6)	-55.5 (-62.1--47.6)	0.1 (0.1-0.2)	1.5 (1.2-1.8)	0.1 (0.1-0.1)	1 (0.8-1.2)	49	54	14	18
Maine	0 (0-0)	0 (0-0)	-50.4 (-66.6--29.7)	12 (8-19)	7 (4-10)	-43.7 (-64.8--17.1)	0 (0-1)	0 (0-1)	-1.9 (-20.3-19.6)	0 (0-0)	0 (0-0)	-40.3 (-61.5--16.5)	0 (0-0)	0 (0-0)	-45.2 (-61.9--21.1)	0 (0-0)	0 (0-0)	-55.2 (-79.4--41)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	82	84	69	77
Maryland	67 (62-72)	57 (53-61)	-15.1 (-19.1--11.4)	2,600 (2,430-2,800)	2,850 (2,660-3,060)	9.6 (4.8-15)	16 (15-16)	13 (11-16)	-15 (-28.9--0.5)	59 (54-65)	62 (58-67)	4.5 (-0.9-10.3)	1 (1-1)	0 (0-0)	-48.3 (-57.2--37.2)	12 (10-15)	7 (6-9)	-41 (-48.8--32.4)	0.1 (0.1-0.1)	1.9 (1.5-2.3)	0.1 (0.1-0.1)	1.9 (1.4-2.4)	50	55	11	12
Massachusetts	25 (22-26)	19 (18-21)	-21.9 (-25--17.4)	986 (908-1,050)	993 (904-1,070)	0.7 (-4.1-6)	7 (6-7)	5 (4-6)	-22.3 (-36.5--4)	24 (22-26)	23 (21-25)	-3.2 (-8.4-2)	0 (0-0)	0 (0-0)	-50.2 (-62.9--33.8)	4 (4-6)	2 (2-3)	-48.1 (-54.9--40.7)	0.1 (0-0.1)	1 (0.8-1.2)	0 (0-0.1)	0.8 (0.6-1.1)	63	70	17	18

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Michigan	53 (49-57)	38 (36-40)	-28.5 (-31.7--25.4)	1,980 (1,830-2,110)	1,790 (1,700-1,920)	-9.4 (-14.5--4.9)	20 (18-21)	16 (14-19)	-17.9 (-29.6--3.6)	48 (44-52)	41 (38-44)	-15.7 (-20--11.1)	1 (1-1)	1 (0-1)	-48.1 (-57.9--39)	11 (9-14)	5 (4-6)	-55.7 (-62.5--49.1)	0.1 (0.1-0.1)	0.9 (0.7-1.1)	0.1 (0.1-0.1)	0.7 (0.5-0.8)	54	59	19	22
Minnesota	9 (8-10)	8 (7-9)	-15.2 (-19.8--9.7)	354 (304-398)	374 (322-428)	5.5 (-0.3-13.1)	4 (4-4)	4 (3-5)	-4.3 (-23-15.4)	8 (7-9)	8 (7-9)	-0.2 (-7.2-8)	0 (0-0)	0 (0-0)	-36.4 (-52.7--18)	2 (1-2)	1 (1-1)	-42.6 (-50.2--34.9)	0.1 (0-0.1)	0.4 (0.3-0.5)	0 (0-0.1)	0.3 (0.2-0.4)	67	74	33	38
Mississippi	41 (38-44)	27 (25-29)	-33.9 (-36.4--30.7)	1,220 (1,120-1,290)	1,130 (1,040-1,220)	-7.1 (-11--2.5)	13 (12-13)	12 (10-13)	-7.4 (-19.4-8.4)	35 (32-38)	28 (25-30)	-20.7 (-24.9--16.1)	1 (1-1)	0 (0-0)	-54.1 (-63--44.7)	11 (9-13)	5 (4-6)	-55.9 (-62.2--49.3)	0.1 (0.1-0.2)	2 (1.6-2.4)	0.1 (0.1-0.1)	1.6 (1.1-2.1)	48	53	13	15
Missouri	28 (26-31)	22 (20-23)	-23.9 (-27.4--19.9)	1,000 (921-1,090)	1,000 (932-1,080)	0.4 (-3.7-6.3)	11 (10-12)	11 (9-13)	-2.4 (-17.8-15.8)	26 (24-28)	23 (21-25)	-9.7 (-14.2--4.8)	1 (0-1)	0 (0-0)	-31.8 (-45.1--19.5)	6 (5-8)	3 (3-4)	-48.5 (-55.1--41.5)	0.1 (0.1-0.1)	1 (0.8-1.1)	0.1 (0.1-0.1)	0.7 (0.5-0.8)	54	62	20	25
Montana	0 (0-0)	0 (0-0)	-4.1 (-34.6-31.8)	4 (2-7)	5 (3-8)	9.7 (-23.9-52)	0 (0-0)	0 (0-0)	7.5 (-9.9-27.9)	0 (0-0)	0 (0-0)	6.9 (-23.4-42.5)	0 (0-0)	0 (0-0)	-34.6 (-52.3--13.2)	0 (0-0)	0 (0-0)	-27.1 (-65.7-1.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	87	87	94	92
Nebraska	3 (3-4)	2 (2-3)	-25.4 (-32.1--18.5)	109 (89-134)	100 (78-126)	-8.2 (-16.4--0.9)	2 (2-2)	2 (1-2)	-8.1 (-21.8-6.7)	3 (2-3)	2 (2-3)	-17.7 (-25--9.8)	0 (0-0)	0 (0-0)	-26.3 (-46.6-3.1)	1 (0-1)	0 (0-1)	-47.5 (-54.9--39.6)	0 (0-0.1)	0.3 (0.2-0.5)	0 (0-0.1)	0.2 (0.2-0.4)	68	73	34	40
Nevada	10 (9-11)	9 (8-10)	-3.6 (-9-2.7)	340 (309-376)	512 (460-572)	50.5 (41.2-61.4)	3 (3-3)	3 (3-4)	10.3 (-6.2-26.2)	8 (7-9)	11 (10-12)	39.1 (31.6-46.8)	0 (0-0)	0 (0-0)	-37.9 (-52.8--22.3)	2 (1-2)	1 (1-2)	-26 (-36.2--15.4)	0.1 (0.1-0.1)	0.7 (0.6-1)	0.1 (0-0.1)	0.7 (0.5-1)	66	71	23	24
New Hampshire	0 (0-1)	0 (0-0)	-22 (-32.6--12.3)	19 (14-25)	19 (14-25)	-0.6 (-10.7-12.9)	0 (0-0)	0 (0-1)	-0.5 (-17.7-20.3)	1 (0-1)	1 (0-1)	-1.3 (-15.9-11.6)	0 (0-0)	0 (0-0)	-44.1 (-58.5--20.1)	0 (0-0)	0 (0-0)	-50.1 (-64.3--38.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	80	85	49	57
New Jersey	57 (53-62)	44 (41-47)	-22.7 (-26.1--19.1)	2,200 (2,050-2,380)	2,230 (2,080-2,400)	1.3 (-2.9-5.9)	18 (17-19)	13 (10-15)	-28.1 (-41--15.2)	51 (47-55)	48 (45-52)	-4.4 (-9-0.3)	1 (1-1)	0 (0-0)	-64.4 (-72.2--56.9)	10 (8-12)	5 (4-6)	-48.1 (-54.4--41.1)	0.1 (0.1-0.1)	1.1 (0.9-1.3)	0.1 (0.1-0.1)	1.3 (1-1.7)	52	57	15	14
New Mexico	1 (1-1)	1 (1-1)	-26.1 (-32.1--18.2)	36 (26-47)	38 (27-50)	5 (-2.5-16.5)	1 (1-1)	1 (1-2)	16.6 (-4.5-40.5)	1 (1-1)	1 (1-1)	5.1 (-4-18.1)	0 (0-0)	0 (0-0)	-54.4 (-65.7--38.9)	0 (0-0)	0 (0-0)	-27.3 (-40.4--12.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	80	83	79	77
New York	144 (135-155)	116 (108-123)	-19.8 (-23.8--16.4)	6,390 (6,030-6,840)	6,440 (6,060-6,910)	0.8 (-3.2-5.4)	43 (40-45)	33 (28-39)	-22.5 (-34.8--8.7)	124 (113-136)	124 (115-135)	0.4 (-5.5-5.8)	2 (2-2)	1 (1-1)	-62.6 (-68.3--54.2)	17 (13-21)	9 (7-11)	-48.1 (-55.8--39.9)	0.1 (0.1-0.1)	0.9 (0.7-1.1)	0.1 (0.1-0.1)	0.9 (0.7-1.2)	54	59	22	18
North Carolina	69 (64-73)	61 (57-65)	-11.3 (-15.1--7.5)	2,480 (2,300-2,660)	2,990 (2,820-3,190)	20.3 (15.1-25.8)	22 (20-23)	23 (20-27)	5 (-9.1-24.5)	59 (54-64)	66 (61-71)	12.2 (6.2-18.1)	1 (1-1)	1 (1-1)	-33.1 (-43.8--22.4)	12 (10-15)	8 (6-10)	-34.7 (-43.5--25.7)	0.1 (0.1-0.1)	1 (0.9-1.3)	0.1 (0.1-0.1)	0.9 (0.7-1.2)	52	58	17	19
North Dakota	0 (0-0)	0 (0-0)	21.7 (-36.9-40.6)	3 (1-5)	3 (1-6)	12 (-36.6-33.4)	0 (0-0)	0 (0-0)	18.1 (-3.8-37.3)	0 (0-0)	0 (0-0)	6.2 (-44.6-24.1)	0 (0-0)	0 (0-0)	-0.8 (-26.1-33.5)	0 (0-0)	0 (0-0)	-12.8 (-62.9-18.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	76	82	89	94
Ohio	44 (41-48)	34 (32-36)	-23.3 (-26.2--19.5)	1,640 (1,510-1,770)	1,590 (1,490-1,710)	-2.8 (-6.9-1.3)	21 (19-22)	20 (17-23)	-0.9 (-16.1-15.4)	41 (37-45)	36 (33-39)	-12.2 (-17.4--7.2)	1 (1-1)	1 (1-1)	-36.3 (-46.9--21.8)	10 (8-12)	5 (4-6)	-53.4 (-60.3--45.5)	0.1 (0.1-0.1)	0.7 (0.6-0.9)	0.1 (0.1-0.1)	0.4 (0.3-0.6)	54	59	21	30
Oklahoma	10 (9-11)	7 (6-7)	-34.4 (-38.3--29)	311 (274-349)	279 (243-317)	-10.3 (-15.4--2.4)	6 (6-6)	6 (5-7)	-3.2 (-19.6-9.9)	9 (8-10)	7 (6-8)	-26.1 (-31.7--20.5)	0 (0-0)	0 (0-0)	-35.6 (-46.2--20.6)	3 (2-3)	1 (1-2)	-57.2 (-63.3--50.6)	0.1 (0.1-0.1)	0.5 (0.4-0.7)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	62	67	24	38
Oregon	3 (3-4)	3 (3-4)	-12.6 (-16.7--6.5)	125 (104-146)	146 (122-173)	16.8 (11-25.7)	2 (1-2)	2 (1-2)	-0.2 (-17.9-24.5)	3 (3-4)	4 (3-4)	11.5 (4-19.8)	0 (0-0)	0 (0-0)	-48.8 (-62.6--28)	1 (0-1)	0 (0-1)	-39 (-45.3--31)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.3)	80	84	39	42
Pennsylvania	38 (36-41)	30 (28-33)	-20.1 (-23.5--15.8)	1,520 (1,410-1,650)	1,500 (1,390-1,600)	-1.2 (-6.2-3.2)	21 (20-22)	18 (15-20)	-17.5 (-32.3--3.1)	39 (36-43)	36 (33-38)	-9.4 (-14.1--4.3)	1 (1-1)	1 (0-1)	-37.8 (-49.7--25)	8 (7-10)	4 (3-5)	-48.8 (-56.9--40.5)	0.1 (0.1-0.1)	0.7 (0.6-0.9)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	55	60	21	27
Rhode Island	4 (4-5)	3 (2-3)	-36.6 (-42--30.4)	179 (157-207)	152 (130-176)	-15 (-20.5--7.5)	1 (1-1)	1 (1-1)	-33.1 (-44.4--17.9)	4 (3-5)	3 (3-4)	-23.7 (-31--14.5)	0 (0-0)	0 (0-0)	-44.9 (-60.2--24.4)	1 (1-1)	0 (0-0)	-73.7 (-78.1--67.7)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.3 (0.2-0.4)	68	72	19	33
South Carolina	39 (36-42)	32 (30-34)	-17.5 (-21.3--13.1)	1,420 (1,300-1,540)	1,550 (1,450-1,670)	9.4 (5.9-13.3)	18 (17-19)	19 (16-22)	6.3 (-11-22.4)	35 (32-38)	34 (32-37)	-2.2 (-7.3-3.5)	1 (1-1)	0 (0-1)	-35.2 (-46.1--23.5)	8 (7-10)	4 (3-5)	-48.2 (-55.2--39.9)	0.1 (0.1-0.1)	1.4 (1.2-1.7)	0.1 (0.1-0.1)	1.1 (0.8-1.4)	51	52	14	17
South Dakota	0 (0-0)	0 (0-0)	-5.3 (-25.9-11.4)	9 (5-15)	10 (6-16)	12.6 (-0.8-28.8)	0 (0-0)	0 (0-1)	-2.7 (-17.8-16.6)	0 (0-0)	0 (0-0)	-0.1 (-25.3-19.9)	0 (0-0)	0 (0-0)	-22.6 (-42.9-1.9)	0 (0-0)	0 (0-0)	-38.8 (-68--9.2)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	77	81	69	77
Tennessee	36 (33-39)	33 (31-35)	-8.6 (-13.8--3.3)	1,220 (1,130-1,320)	1,380 (1,280-1,470)	12.8 (7.8-18)	14 (13-15)	15 (13-18)	8.7 (-10.5-26.2)	33 (30-36)	34 (31-37)	2.5 (-2.6-7.6)	1 (1-1)	0 (0-1)	-32.4 (-43.2--18.1)	8 (7-10)	5 (4-7)	-36.6 (-46.4--27.3)	0.1 (0.1-0.1)	1 (0.8-1.2)	0.1 (0.1-0.1)	0.8 (0.6-1.1)	54	63	19	20
Texas	118 (109-126)	122 (113-132)	3.9 (-1.6-9.2)	3,980 (3,690-4,250)	5,630 (5,280-6,040)	41.4 (34.3-47.4)	38 (36-40)	42 (36-47)	9.1 (-7.6-26.7)	83 (76-92)	113 (104-123)	35.7 (28.8-43.1)	2 (2-3)	2 (1-2)	-30.4 (-41.2--18.4)	16 (13-20)	13 (10-16)	-21.5 (-33.2--8.9)	0.1 (0.1-0.1)	0.6 (0.5-0.8)	0.1 (0.1-0.1)	0.5 (0.4-0.7)	56	64	25	27
Utah	2 (2-3)	2 (2-3)	-11.5 (-17.2--4)	67 (54-83)	91 (74-112)	35.2 (26.5-46.9)	1 (1-1)	1 (1-1)	8.8 (-9.3-26.3)	1 (1-2)	2 (1-2)	22.3 (9.8-33)	0 (0-0)	0 (0-0)	-36.6 (-54.4--9.1)	0 (0-1)	0 (0-0)	-36.1 (-49.1--24.6)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	77	81	54	57
Vermont	0 (0-1)	0 (0-0)	-21.9 (-35.8--6)	20 (13-30)	20 (13-30)	-2.1 (-13.3-15.5)	0 (0-0)	0 (0-0)	-10 (-24.8-8.3)	0 (0-1)	0 (0-1)	-1.5 (-23.2-19.1)	0 (0-0)	0 (0-0)	-47.4 (-61.4--20.9)	0 (0-0)	0 (0-0)	-61.6 (-83.3--25)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0.1 (0-0.1)	85	87	58	68
Virginia	50 (47-54)	43 (40-46)	-14.5 (-18.6--10.1)	1,860 (1,740-1,990)	2,130 (1,990-2,280)	14.8 (9.8-20.2)	16 (16-17)	15 (13-17)	-6.1 (-21.5-9.5)	45 (41-49)	47 (43-51)	4.3 (-1.1-9.9)	1 (1-1)	0 (0-1)	-37.3 (-45.9--26.5)	11 (9-13)	6 (5-8)	-43.6 (-52.3--33.9)	0.1 (0.1-0.1)	1.3 (1.1-1.6)	0.1 (0.1-0.1)	1 (0.8-1.3)	52	58	15	17
Washington	9 (8-10)	9 (8-10)	0.7 (-4.3-5.4)	381 (337-418)	456 (405-498)	19.5 (14.4-26.4)	4 (4-4)	4 (3-5)	6.7 (-11-26.2)	9 (8-10)	10 (9-11)	17.4 (11.1-24.4)	0 (0-0)	0 (0-0)	-36.1 (-52.4--17.8)	1 (1-2)	1 (1-1)	-28.1 (-34.7--21)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.3)	73	78	35	40
West Virginia	1 (1-2)	1 (1-1)	-31.7 (-36.6--27.2)	64 (50-80)	55 (44-68)	-13.3 (-19.8--6.8)	2 (2-2)	2 (2-3)	6.2 (-13.3-28.1)	2 (1-2)	1 (1-2)	-19.8 (-25.5--12.6)	0 (0-0)	0 (0-0)	-36.9 (-53.9--13.6)	0 (0-0)	0 (0-0)	-53.3 (-60.3--45)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	70	77	45	56
Wisconsin	15 (14-17)	11 (10-12)	-28.7 (-32.4--24.7)	609 (549-667)	551 (498-606)	-9.6 (-15.1--4.7)	7 (6-7)	6 (5-7)	-8.2 (-23.9-8.2)	15 (13-16)	13 (11-14)	-14.9 (-19.4--9.8)	0 (0-0)	0 (0-0)	-45 (-58.9--29.1)	3 (2-4)	1 (1-2)	-51.7 (-57.4--45.1)	0.1 (0.1-0.1)	0.6 (0.4-0.7)	0.1 (0-0.1)	0.4 (0.3-0.5)	61	70	25	32
Wyoming	0 (0-0)	0 (0-0)	-51.7 (-66.1--38.6)	13 (8-22)	8 (4-16)	-36.6 (-53.2--22.1)	0 (0-0)	0 (0-0)	-4.6 (-20.9-13.5)	0 (0-0)	0 (0-0)	-42.2 (-61.7--25.8)	0 (0-0)	0 (0-0)	-43.2 (-57.9--20.9)	0 (0-0)	0 (0-0)	-70.7 (-88.9--37.9)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	80	84	67	78

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Southern Latin America	6 (5-8)	7 (6-9)	17.9 (8.1-36.7)	68 (50-87)	91 (70-114)	34.3 (22-50.7)	1 (1-1)	1 (0-1)	-2.4 (-17.8-12.8)	6 (4-8)	8 (6-9)	27.6 (14.5-54)	0 (0-0)	0 (0-0)	-63.8 (-77.2--47.2)	4 (3-5)	5 (4-6)	19.9 (5.5-48.5)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	127	130	81	57
Argentina	3 (2-4)	3 (2-4)	-1.2 (-10.6-32)	26 (18-36)	29 (20-41)	12.2 (-1.4-35.5)	0 (0-0)	0 (0-0)	-12.2 (-29-6.8)	2 (2-3)	3 (2-4)	3.6 (-9.8-37.4)	0 (0-0)	0 (0-0)	-69.2 (-80.9--50.8)	2 (1-2)	2 (1-2)	-1.5 (-14.6-33)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	129	93	74
Chile	3 (2-4)	4 (4-6)	34.5 (16.7-63)	40 (29-52)	60 (47-75)	50.7 (32.1-78.6)	0 (0-0)	0 (0-0)	-41.8 (-53.3--27.8)	3 (2-4)	5 (4-6)	47.9 (27.2-96)	0 (0-0)	0 (0-0)	-73.1 (-82.4--58.7)	2 (1-3)	3 (2-4)	39.9 (18-89)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.3 (0.2-0.4)	132	132	63	33
Uruguay	0 (0-0)	0 (0-0)	-13.8 (-16.3--1)	2 (1-3)	2 (1-3)	-6.8 (-19.1-9)	0 (0-0)	0 (0-0)	52.3 (20.2-89.4)	0 (0-0)	0 (0-0)	-12 (-21.1--4.7)	0 (0-0)	0 (0-0)	-36.5 (-67.1-16.1)	0 (0-0)	0 (0-0)	-15.5 (-23--8.3)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	108	102	88	67
Western Europe	1,360 (1,130-1,630)	1,250 (1,030-1,480)	-8.1 (-10.5--5.4)	24,900 (21,700-28,400)	24,400 (21,100-27,900)	-2.3 (-4.4--0.5)	68 (66-71)	76 (73-80)	11.5 (6.7-15.6)	1,420 (1,210-1,680)	1,400 (1,190-1,650)	-1.2 (-3.6-1.5)	7 (7-8)	6 (5-6)	-19.9 (-28.9--8.1)	442 (337-568)	416 (319-534)	-5.9 (-9.7--1.7)	0 (0-0)	1.8 (1.4-2.2)	0 (0-0)	2.8 (2.1-3.6)	80	72	14	10
Andorra	0 (0-0)	0 (0-0)	-16.2 (-22--9.6)	3 (2-3)	3 (2-3)	8.8 (1.7-14.9)	0 (0-0)	0 (0-0)	-28.4 (-56.4-13.1)	0 (0-0)	0 (0-0)	6.4 (-0.9-14.6)	0 (0-0)	0 (0-0)	-78.2 (-93.3--46.6)	0 (0-0)	0 (0-0)	-27.4 (-34.4--19.7)	0.1 (0.1-0.3)	1.9 (1.2-2.7)	0.1 (0.1-0.3)	5.6 (3.3-8.4)	55	56	16	5
Austria	12 (11-14)	21 (18-23)	64.1 (52.6-76.5)	303 (273-334)	376 (337-421)	23.9 (19.1-30.5)	1 (1-1)	1 (1-1)	22.7 (9.7-39.5)	15 (13-17)	22 (19-24)	44.7 (34.1-55.7)	0 (0-0)	0 (0-0)	-10.8 (-35.8-14.8)	3 (3-4)	6 (4-7)	62.7 (43.7-83.4)	0 (0-0)	0.8 (0.6-1)	0 (0-0)	2.4 (1.8-3)	85	80	21	11
Belgium	15 (12-19)	15 (12-20)	-0.2 (-8.3-8.3)	222 (183-266)	231 (192-275)	3.9 (-3-11.3)	2 (2-2)	2 (2-3)	22.8 (8-38.5)	16 (13-20)	16 (13-21)	3.1 (-4.5-13.1)	0 (0-0)	0 (0-0)	-23.5 (-42.3-2)	6 (4-8)	6 (4-8)	-0.8 (-12.9-11.7)	0 (0-0)	0.8 (0.6-1.2)	0 (0-0)	1.4 (0.9-2.1)	74	72	23	17
Cyprus	6 (5-7)	9 (7-10)	41 (31.1-52.5)	137 (120-156)	166 (145-189)	21.3 (14.9-29)	1 (1-1)	1 (0-1)	-46.2 (-61.1--28.6)	7 (6-8)	9 (8-11)	27.9 (18.5-38.4)	0 (0-0)	0 (0-0)	-57.6 (-75.1--16.4)	2 (2-3)	3 (2-4)	34.1 (18.8-52.8)	0 (0-0)	3 (2.2-3.8)	0 (0-0)	8.2 (5.3-11.2)	77	77	10	4
Denmark	16 (13-20)	16 (13-19)	-1.3 (-9.3-5.5)	310 (264-363)	312 (266-358)	0.3 (-5.8-6.9)	0 (0-0)	0 (0-0)	15.6 (-0.2-37.7)	16 (13-19)	16 (14-20)	1.2 (-5.8-7.8)	0 (0-0)	0 (0-0)	-16.9 (-45.2-14)	5 (4-7)	5 (4-6)	-7.7 (-16.9-1.9)	0 (0-0)	1.4 (1-1.8)	0 (0-0)	2 (1.4-2.7)	104	93	14	9
Finland	13 (10-15)	10 (8-13)	-17.5 (-25.3--11.6)	266 (227-304)	243 (203-284)	-8.8 (-14.6--4)	0 (0-0)	0 (0-0)	26 (9.7-39.1)	14 (12-17)	13 (11-16)	-7.7 (-14.3--1)	0 (0-0)	0 (0-0)	-17.8 (-41.6-4)	4 (3-5)	3 (2-4)	-17.4 (-26.3--7.9)	0 (0-0)	1.6 (1.1-2)	0 (0-0)	3 (2.1-4.1)	104	95	14	10
France	450 (384-531)	374 (312-442)	-17 (-22.6--10.5)	6,650 (5,690-7,700)	6,570 (5,540-7,720)	-1.3 (-6.4-4.4)	19 (18-20)	23 (21-25)	19.6 (7.6-33.1)	437 (371-518)	412 (347-488)	-5.8 (-11.6-0.3)	2 (2-2)	2 (2-2)	-5.8 (-25.7-18)	157 (120-202)	134 (104-172)	-14.8 (-22.4--6.8)	0.1 (0-0.1)	3.8 (3-4.9)	0.1 (0.1-0.1)	4.9 (3.6-6.3)	68	61	7	6
Germany	98 (83-115)	98 (83-113)	0.2 (-5.7-6.4)	2,340 (2,020-2,760)	2,240 (1,910-2,600)	-4.8 (-8.8-0.3)	6 (6-7)	8 (8-9)	35.5 (21.4-49.5)	116 (99-135)	114 (97-132)	-1.6 (-8.4-5)	1 (1-1)	1 (1-1)	-2.4 (-21.4-18.5)	30 (23-38)	31 (24-40)	3.8 (-5.9-14.9)	0 (0-0)	0.7 (0.6-0.9)	0 (0-0)	1.2 (0.9-1.5)	86	76	23	15
Greece	97 (79-120)	74 (61-88)	-23.9 (-32.9--13.2)	2,550 (2,200-2,950)	1,920 (1,680-2,160)	-24.8 (-28.9--19)	4 (4-4)	6 (5-7)	54.2 (33.8-79.8)	114 (94-141)	91 (76-108)	-20.8 (-29.8--11.4)	0 (0-0)	0 (0-0)	-12.2 (-31.2-10)	30 (21-42)	25 (18-34)	-18.8 (-31.3--4.7)	0 (0-0)	4.8 (3.3-6.6)	0.1 (0-0.1)	6.8 (4.7-9.7)	63	57	4	4
Iceland	1 (0-1)	1 (0-1)	3.4 (-5.1-13.1)	9 (7-11)	10 (8-13)	10.5 (2.6-18.4)	0 (0-0)	0 (0-0)	74.3 (51.1-105)	1 (0-1)	1 (0-1)	8.7 (0-19.7)	0 (0-0)	0 (0-0)	-20 (-40.2-7.9)	0 (0-0)	0 (0-0)	-4.6 (-14.2-8.7)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1.2 (0.7-2)	82	78	21	16
Ireland	10 (8-13)	11 (8-14)	4.1 (-5.4-12.8)	176 (142-211)	204 (162-242)	15.6 (9.3-23.4)	1 (0-1)	1 (0-1)	4 (-12-20.4)	10 (8-12)	12 (9-15)	17.6 (8-26.9)	0 (0-0)	0 (0-0)	-29.3 (-46.7--9.8)	3 (2-4)	3 (2-5)	11.4 (-0.9-25.2)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	2 (1.4-2.9)	82	66	21	14
Israel	62 (49-78)	70 (55-87)	12.9 (-1.5-23.8)	667 (558-799)	835 (675-1,010)	25 (14.1-32.7)	1 (1-2)	2 (2-2)	28.9 (13.4-50.9)	52 (41-68)	58 (45-75)	10.5 (-3.4-27)	0 (0-0)	0 (0-0)	-35.2 (-53.5--16.4)	24 (16-33)	25 (18-35)	7.2 (-9.7-28.5)	0 (0-0)	2.6 (1.8-3.5)	0.1 (0-0.1)	6.7 (4.5-9.7)	71	66	9	5
Italy	109 (93-126)	90 (77-102)	-17.4 (-19.4--14.7)	2,620 (2,270-2,970)	2,630 (2,310-3,000)	0.2 (-3.1-2.9)	5 (5-6)	3 (3-3)	-39.7 (-45.9--33.3)	117 (101-136)	124 (108-144)	6 (3-9.6)	1 (1-1)	0 (0-0)	-59.5 (-68.4--51.5)	23 (18-29)	21 (17-26)	-8.3 (-12.1--4.3)	0 (0-0)	0.8 (0.6-1)	0 (0-0)	1.8 (1.4-2.2)	83	81	21	11
Abruzzo	1 (1-1)	1 (1-1)	-11.9 (-22.8--2.3)	19 (14-25)	18 (14-24)	-3.6 (-14.6-5.9)	0 (0-0)	0 (0-0)	-42.4 (-50.3--32.3)	1 (1-1)	1 (1-1)	0 (-9.8-11.3)	0 (0-0)	0 (0-0)	-56.9 (-69.8--43.1)	0 (0-0)	0 (0-0)	-6.1 (-18.8-8.1)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.6 (0.4-0.9)	89	85	36	26
Basilicata	0 (0-0)	0 (0-0)	-13.3 (-23-0.8)	9 (6-12)	9 (6-12)	-1 (-11.7-10.5)	0 (0-0)	0 (0-0)	-46.2 (-55.2--37.6)	0 (0-1)	0 (0-1)	-0.7 (-12.9-14.8)	0 (0-0)	0 (0-0)	-61.4 (-75.1--38)	0 (0-0)	0 (0-0)	-11.6 (-26.6-7)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.5 (0.3-0.8)	86	85	47	29
Calabria	5 (4-5)	3 (3-4)	-25.5 (-31.7--17.8)	142 (123-162)	118 (103-136)	-16.7 (-22--10)	0 (0-0)	0 (0-0)	-34.8 (-45.1--18.8)	6 (5-7)	5 (4-5)	-18 (-25.4--10.3)	0 (0-0)	0 (0-0)	-59.1 (-69.2--41.5)	1 (1-1)	1 (1-1)	-24.8 (-34.5--14.5)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	1.2 (0.9-1.5)	76	79	16	12
Campania	7 (6-8)	5 (5-6)	-19.6 (-25.9--13.5)	168 (144-193)	167 (144-191)	-0.5 (-7.5-5.5)	0 (0-0)	0 (0-0)	-40.7 (-50--24.4)	7 (6-9)	7 (6-9)	0.2 (-6.6-8.1)	0 (0-0)	0 (0-0)	-64.6 (-73--52.9)	2 (1-2)	1 (1-2)	-14.8 (-22.5--5.4)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	1 (0.7-1.4)	84	84	27	14
Emilia-Romagna	17 (14-20)	16 (14-18)	-7.7 (-15.5--1.4)	319 (283-359)	378 (336-419)	18.1 (11.9-24.8)	0 (0-0)	0 (0-0)	-39.3 (-51.6--29)	17 (14-19)	22 (19-24)	29.6 (21.1-38.9)	0 (0-0)	0 (0-0)	-54.2 (-67.3--38.4)	3 (3-4)	4 (3-5)	15.5 (4.8-28.7)	0 (0-0)	2 (1.6-2.5)	0 (0-0)	4.8 (3.7-6.1)	84	81	11	7
Friuli-Venezia Giulia	3 (3-4)	3 (2-3)	-21.6 (-27.5--10.4)	66 (56-76)	66 (56-75)	-0.1 (-7.9-9.1)	0 (0-0)	0 (0-0)	-48.8 (-56.9--39.2)	4 (3-4)	4 (3-4)	5.9 (-2.4-15.4)	0 (0-0)	0 (0-0)	-45.8 (-63.5--19.1)	1 (0-1)	1 (0-1)	-10.4 (-19.7--0.2)	0 (0-0)	1.9 (1.4-2.7)	0 (0-0)	3.3 (2.4-4.5)	90	82	13	9
Lazio	7 (6-8)	7 (6-8)	-1.3 (-7.3-6.9)	169 (146-196)	195 (169-224)	14.8 (9.4-23)	0 (0-0)	0 (0-0)	-39.5 (-50--27.1)	7 (6-9)	9 (8-10)	21.7 (14-30.9)	0 (0-0)	0 (0-0)	-63.5 (-72.8--53.1)	1 (1-2)	1 (1-2)	8.7 (-1.8-20.4)	0 (0-0)	0.5 (0.4-0.6)	0 (0-0)	1.5 (1.1-2)	81	83	27	13
Liguria	4 (3-5)	3 (3-4)	-17.7 (-23.3--12.4)	102 (89-115)	100 (89-112)	-3 (-7.9-2.3)	0 (0-0)	0 (0-0)	-46.3 (-56.5--36.4)	5 (4-5)	5 (4-6)	2.9 (-4-9.7)	0 (0-0)	0 (0-0)	-56.5 (-68.8--36.1)	1 (1-1)	1 (1-1)	-2.9 (-14.2-9.6)	0 (0-0)	1.5 (1.1-1.9)	0 (0-0)	3.5 (2.6-4.5)	80	79	11	9
Lombardia	11 (9-14)	10 (9-12)	-11.1 (-18.4--4.6)	281 (237-329)	304 (266-351)	7.7 (-0.1-15.2)	1 (1-1)	0 (0-0)	-43.1 (-53.5--30)	12 (10-14)	14 (12-16)	15.7 (5.9-25.7)	0 (0-0)	0 (0-0)	-53 (-68.6--37.9)	2 (2-3)	2 (2-3)	4 (-6.4-16.3)	0 (0-0)	0.6 (0.4-0.7)	0 (0-0)	1.2 (0.9-1.5)	86	85	23	16
Marche	4 (3-4)	3 (2-3)	-18 (-23.9--11.6)	77 (65-90)	80 (70-95)	3.3 (-2.1-9)	0 (0-0)	0 (0-0)	-41.3 (-52.5--28)	4 (3-5)	4 (3-5)	8.5 (0.6-17.1)	0 (0-0)	0 (0-0)	-61.6 (-71.6--52.2)	1 (1-1)	1 (1-1)	-6.5 (-16.1-3.9)	0 (0-0)	1.2 (0.9-1.5)	0 (0-0)	2.9 (2.1-3.7)	85	80	19	9
Molise	0 (0-1)	0 (0-0)	-34.3 (-40.6--25.8)	9 (6-13)	7 (5-9)	-25.2 (-31--17.2)	0 (0-0)	0 (0-0)	-48.5 (-57.8--39.8)	0 (0-1)	0 (0-1)	-25.3 (-32.6--16.5)	0 (0-0)	0 (0-0)	-61.9 (-76.8--41.9)	0 (0-0)	0 (0-0)	-32.8 (-42.2--23.3)	0 (0-0)	0.5 (0.3-0.9)	0 (0-0)	1 (0.6-1.7)	97	94	25	17

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Piemonte	7 (6-8)	6 (5-7)	-10.3 (-16.3--4.7)	133 (112-156)	140 (120-161)	5.7 (-0.8-11.1)	0 (0-0)	0 (0-0)	-46.3 (-54.5--36.3)	7 (6-9)	9 (7-10)	15.4 (7.5-24.4)	0 (0-0)	0 (0-0)	-54.6 (-71.1--34.6)	1 (1-2)	1 (1-2)	4.4 (-6.9-17.1)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	2.1 (1.5-2.6)	92	89	22	11
Provincia autonoma di Bolzano	1 (1-1)	1 (1-1)	-8.8 (-17.2-5.2)	16 (12-20)	17 (13-21)	5.9 (-0.6-15.1)	0 (0-0)	0 (0-0)	-48.1 (-56.8--34.1)	1 (1-1)	1 (1-1)	8.7 (-1.5-21.3)	0 (0-0)	0 (0-0)	-47.7 (-66.2--19.9)	0 (0-0)	0 (0-0)	-6.3 (-17.1-7.9)	0 (0-0)	0.7 (0.4-1)	0 (0-0)	1.2 (0.7-1.7)	91	91	24	16
Provincia autonoma di Trento	1 (1-1)	1 (0-1)	-10.9 (-20.9--1.8)	14 (11-18)	15 (12-19)	8.2 (-1.2-17.7)	0 (0-0)	0 (0-0)	-39.8 (-49.6--23.8)	1 (0-1)	1 (1-1)	13.5 (2.2-26)	0 (0-0)	0 (0-0)	-48.3 (-66.6--27.3)	0 (0-0)	0 (0-0)	-4.8 (-17.9-10)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	1.2 (0.8-1.7)	86	84	24	19
Puglia	4 (3-4)	2 (2-3)	-36.5 (-43.3--30)	94 (75-115)	77 (63-89)	-18.7 (-26--11.3)	0 (0-0)	0 (0-0)	-39.5 (-49.2--26.2)	4 (3-5)	3 (3-4)	-18.5 (-26.8--9.4)	0 (0-0)	0 (0-0)	-69.7 (-77.6--57.7)	1 (0-1)	0 (0-1)	-34 (-42.9--24.2)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.6 (0.4-0.7)	88	85	35	25
Sardegna	1 (1-1)	1 (1-1)	-28 (-35.1--16.3)	27 (20-34)	22 (17-28)	-16.2 (-21.9--8.8)	0 (0-0)	0 (0-0)	-28 (-44.3--9.9)	1 (1-2)	1 (1-1)	-12.1 (-20.6--1.6)	0 (0-0)	0 (0-0)	-64.1 (-75.6--47)	0 (0-0)	0 (0-0)	-21.1 (-32.9--7.8)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.7 (0.4-1)	88	89	35	21
Sicilia	21 (18-24)	14 (12-16)	-32.7 (-36.8--28.6)	601 (529-693)	522 (466-584)	-13.3 (-17.8--8.8)	1 (1-1)	1 (1-1)	-34.3 (-45.2--19.9)	23 (20-26)	19 (17-22)	-16.2 (-21.5--10.6)	0 (0-0)	0 (0-0)	-59.6 (-71--45.5)	5 (4-7)	4 (3-4)	-31.5 (-38.8--23.9)	0 (0-0.1)	1.3 (1-1.7)	0 (0-0.1)	2.3 (1.8-3.2)	64	68	11	10
Toscana	4 (3-5)	4 (3-5)	-11.5 (-18.8--1.8)	94 (78-110)	98 (84-116)	3.2 (-4.6-11.3)	0 (0-0)	0 (0-0)	-40.7 (-51.9--29.5)	5 (4-6)	5 (4-6)	14.1 (5.2-24.8)	0 (0-0)	0 (0-0)	-62.9 (-75.2--50.6)	1 (1-1)	1 (1-1)	3.8 (-7.7-17.5)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	1.6 (1.1-2.1)	87	88	23	11
Umbria	1 (1-2)	1 (1-2)	-9.7 (-17.3--0.9)	31 (26-36)	34 (29-40)	9.8 (2.3-16.4)	0 (0-0)	0 (0-0)	-44 (-53.4--30.4)	2 (1-2)	2 (1-2)	15.3 (6.3-25.6)	0 (0-0)	0 (0-0)	-64.7 (-75.7--48.2)	0 (0-0)	0 (0-0)	6.3 (-5.9-20.7)	0 (0-0)	0.9 (0.7-1.3)	0 (0-0)	2.3 (1.5-3)	68	73	20	11
Valle d'Aosta	0 (0-0)	0 (0-0)	-31.6 (-43.7--18.8)	2 (1-2)	1 (1-2)	-11.1 (-22.2-2.9)	0 (0-0)	0 (0-0)	-57.5 (-65.2--50.1)	0 (0-0)	0 (0-0)	-3.9 (-17-8.5)	0 (0-0)	0 (0-0)	-57.7 (-70.8--37.2)	0 (0-0)	0 (0-0)	-21.2 (-33.1--7.8)	0 (0-0)	0.4 (0.2-0.7)	0 (0-0)	1.1 (0.5-1.8)	95	95	32	25
Veneto	11 (9-12)	9 (8-10)	-14.9 (-21.5--10.7)	248 (219-277)	265 (236-294)	6.7 (-0.5-11.5)	0 (0-0)	0 (0-0)	-44.3 (-54--32.2)	11 (10-13)	13 (11-15)	13.3 (6.7-20.5)	0 (0-0)	0 (0-0)	-52.9 (-67.1--37.6)	2 (2-3)	2 (2-3)	-5.3 (-13.8-4.1)	0 (0-0)	1.3 (1.1-1.7)	0 (0-0)	2.6 (2-3.3)	86	85	13	10
Luxembourg	5 (4-5)	5 (4-6)	10.7 (1.7-20.2)	103 (90-118)	130 (114-152)	26.2 (18.9-34.3)	0 (0-0)	0 (0-0)	28.3 (13-49.5)	5 (4-5)	6 (5-7)	31.4 (22.3-42.9)	0 (0-0)	0 (0-0)	8.4 (-19.8-59.8)	1 (1-2)	2 (1-2)	11.3 (-1.6-27.2)	0 (0-0)	5.7 (4.1-7.3)	0 (0-0)	6.7 (4.3-9.8)	76	68	6	5
Malta	1 (1-1)	1 (1-1)	2.9 (-3.2-10.5)	28 (23-33)	24 (20-28)	-12.8 (-17.2--8)	0 (0-0)	0 (0-0)	56.2 (30.2-91.7)	1 (1-2)	1 (1-2)	-10.3 (-15.8--3.4)	0 (0-0)	0 (0-0)	16.8 (-19-83)	0 (0-1)	0 (0-1)	-5.8 (-14.1-4.4)	0 (0-0)	1.3 (1-1.7)	0 (0-0)	1.7 (1.1-2.4)	84	72	12	12
Monaco	0 (0-0)	0 (0-0)	-4.2 (-11.1-5.8)	1 (1-1)	1 (1-1)	13.2 (7.8-20.6)	0 (0-0)	0 (0-0)	-11.4 (-36.7-35.6)	0 (0-0)	0 (0-0)	17.1 (8.7-26.8)	0 (0-0)	0 (0-0)	-69.3 (-88.8--13)	0 (0-0)	0 (0-0)	19.9 (7.4-35.3)	0 (0-0.1)	1.2 (0.8-1.8)	0 (0-0.1)	3.5 (2.4-5)	67	70	16	7
Netherlands	5 (4-6)	4 (4-5)	-11.7 (-18.2--3.3)	78 (64-98)	74 (60-93)	-5 (-10.4-1.8)	4 (3-4)	4 (4-4)	10.5 (-0.5-22.6)	5 (4-6)	5 (4-6)	-3.3 (-9.9-7.2)	0 (0-1)	0 (0-0)	-38.7 (-53.1--21.1)	2 (1-2)	2 (1-2)	-10.1 (-18.6-2.7)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0.1)	0.2 (0.2-0.3)	70	69	45	33
Norway	10 (7-14)	9 (6-14)	-4.3 (-8.4-0.1)	109 (78-153)	116 (83-162)	6.5 (2.8-9.9)	0 (0-0)	0 (0-0)	-43.3 (-49.6--37.2)	10 (6-15)	10 (6-15)	4.7 (0.1-10.4)	0 (0-0)	0 (0-0)	-59.5 (-68.5--47.7)	4 (2-7)	4 (2-6)	-5.6 (-11.9-1.3)	0 (0-0)	1.4 (0.7-2.3)	0 (0-0)	3.5 (1.8-5.8)	101	100	13	9
Agder	1 (0-1)	1 (0-1)	-7.5 (-21.9-5)	7 (5-10)	7 (5-10)	2.4 (-6.6-11.8)	0 (0-0)	0 (0-0)	-50.8 (-59.1--36.3)	1 (0-1)	1 (0-1)	1.3 (-11.8-16.2)	0 (0-0)	0 (0-0)	-64.5 (-74.6--52.2)	0 (0-0)	0 (0-0)	-11.1 (-27.9-6.8)	0 (0-0)	1.4 (0.7-2.3)	0 (0-0)	3.2 (1.5-5.5)	107	110	15	9
Innlandet	1 (0-1)	1 (0-1)	-20.7 (-31.5--7.9)	8 (6-12)	7 (5-10)	-11 (-19.9--1.9)	0 (0-0)	0 (0-0)	-51 (-61.9--36.3)	1 (0-1)	1 (0-1)	-12.2 (-24.5-1.1)	0 (0-0)	0 (0-0)	-64.6 (-72.7--51.4)	0 (0-1)	0 (0-0)	-22 (-38.2--4.2)	0 (0-0)	1.5 (0.7-2.4)	0 (0-0)	3.6 (1.9-6.1)	106	109	14	8
Møre og Romsdal	1 (0-1)	0 (0-1)	-17.9 (-28.2--4.1)	6 (4-8)	6 (4-8)	-5.2 (-14.8-3.2)	0 (0-0)	0 (0-0)	-43.8 (-55.1--26.9)	1 (0-1)	1 (0-1)	-6.6 (-17.5-6.2)	0 (0-0)	0 (0-0)	-58.1 (-69.8--42)	0 (0-0)	0 (0-0)	-16.5 (-32.5-2.7)	0 (0-0)	1.6 (0.8-2.7)	0 (0-0)	3.5 (1.6-5.7)	103	104	14	9
Nordland	0 (0-0)	0 (0-0)	-18.2 (-27.6--7.6)	6 (4-8)	5 (3-7)	-16 (-23.5--7.9)	0 (0-0)	0 (0-0)	-36.1 (-50.2--17.6)	1 (0-1)	0 (0-1)	-18.5 (-28.2--8.4)	0 (0-0)	0 (0-0)	-53.7 (-68.3--36.2)	0 (0-0)	0 (0-0)	-27.9 (-39.9--13.1)	0 (0-0)	1.6 (0.8-2.7)	0 (0-0)	3 (1.6-4.8)	103	102	12	9
Oslo	1 (1-2)	2 (1-3)	24.9 (12.1-38.7)	12 (8-16)	16 (11-22)	38.3 (28.3-46.7)	0 (0-0)	0 (0-0)	-51.7 (-63.3--34.7)	1 (1-1)	1 (1-2)	38.2 (22.4-57.2)	0 (0-0)	0 (0-0)	-51.9 (-67.5--31.5)	0 (0-1)	1 (0-1)	31.1 (9.1-57.5)	0 (0-0)	1.1 (0.6-1.7)	0 (0-0)	4.1 (2-7.1)	108	107	16	7
Rogaland	1 (1-1)	1 (1-1)	-3.2 (-14.4-9.8)	10 (7-14)	11 (8-16)	12.3 (3.1-23.5)	0 (0-0)	0 (0-0)	-36.4 (-49.6--21.8)	1 (1-1)	1 (1-2)	10.9 (-3.6-28)	0 (0-0)	0 (0-0)	-59 (-70.4--44.6)	0 (0-1)	0 (0-1)	-1.3 (-19.2-22.6)	0 (0-0)	1.3 (0.7-2.2)	0 (0-0)	3.5 (1.7-6)	91	87	14	8
Troms og Finnmark	1 (1-1)	1 (0-1)	-20.9 (-32.9--7.1)	6 (4-8)	5 (4-7)	-11 (-21.8--0.8)	0 (0-0)	0 (0-0)	-48.1 (-59.6--30.9)	1 (0-1)	0 (0-1)	-14.5 (-25.7-0.1)	0 (0-0)	0 (0-0)	-66.1 (-76.7--51.5)	0 (0-0)	0 (0-0)	-24.1 (-39.1--2.8)	0 (0-0)	1.5 (0.7-2.4)	0 (0-0)	3.4 (1.7-5.8)	101	99	15	9
Trøndelag	1 (0-1)	1 (0-1)	4.5 (-10.8-23.4)	10 (7-13)	10 (7-14)	6.2 (-4.5-16.9)	0 (0-0)	0 (0-0)	-37.2 (-52.8--15.1)	1 (0-1)	1 (1-1)	3.6 (-10.6-19.7)	0 (0-0)	0 (0-0)	-54.5 (-66.2--34.7)	0 (0-1)	0 (0-1)	-6.1 (-24.3-17.1)	0 (0-0)	1.6 (0.8-2.7)	0 (0-0)	3.7 (1.8-6.5)	104	104	13	8
Vestfold og Telemark	1 (0-1)	1 (0-1)	-14.1 (-23.8--1.8)	9 (6-13)	9 (6-12)	-3.5 (-10.5-5.4)	0 (0-0)	0 (0-0)	-59.2 (-66.8--48.3)	1 (0-1)	1 (0-1)	-4.8 (-16.3-8.4)	0 (0-0)	0 (0-0)	-65 (-74.3--48.7)	0 (0-1)	0 (0-0)	-16.1 (-30.8-5)	0 (0-0)	1.4 (0.7-2.3)	0 (0-0)	3.5 (1.8-5.9)	89	90	14	9
Vestland	1 (1-2)	1 (1-2)	-4 (-15.1-9.4)	14 (10-19)	14 (10-20)	4.9 (-3.3-16.2)	0 (0-0)	0 (0-0)	-36.8 (-48.3--18.5)	1 (1-2)	1 (1-2)	3 (-10.6-17.2)	0 (0-0)	0 (0-0)	-44.9 (-59.8--24.6)	0 (0-1)	0 (0-1)	-5.7 (-23.5-16)	0 (0-0)	1.5 (0.8-2.5)	0 (0-0)	3.2 (1.6-5)	107	100	14	9
Viken	2 (1-3)	2 (1-3)	-4.1 (-20.3-9.4)	23 (16-32)	26 (19-36)	14 (3.7-25.4)	0 (0-0)	0 (0-0)	-42.7 (-53--29)	2 (1-3)	2 (1-4)	13.4 (-3.7-29.5)	0 (0-0)	0 (0-0)	-46.9 (-61.4--22.2)	1 (0-1)	1 (0-1)	0 (-22.4-22.3)	0 (0-0)	1.4 (0.7-2.3)	0 (0-0)	3.5 (1.7-6.1)	106	105	13	9
Portugal	115 (90-147)	69 (54-89)	-39.6 (-46.9--30.4)	2,170 (1,860-2,500)	1,520 (1,260-1,820)	-30 (-38.6--24.6)	4 (4-4)	3 (3-3)	-17.3 (-23.8--9.1)	119 (94-150)	87 (69-111)	-26.7 (-35--16.6)	0 (0-0)	0 (0-0)	-54.1 (-67.6--41.4)	40 (27-56)	26 (18-38)	-33.2 (-44.7--19.7)	0 (0-0.1)	4.7 (3.2-6.6)	0.1 (0.1-0.1)	10.2 (6.4-14.6)	76	68	6	3
San Marino	0 (0-0)	0 (0-0)	-4.1 (-11-4.4)	1 (1-1)	1 (1-1)	8.9 (2.2-15.9)	0 (0-0)	0 (0-0)	-30.1 (-55.7-23.9)	0 (0-0)	0 (0-0)	7.7 (-1.1-16.8)	0 (0-0)	0 (0-0)	-78.6 (-94.5--43.4)	0 (0-0)	0 (0-0)	-6.1 (-15.7-5.6)	0.1 (0-0.2)	1.2 (0.8-1.8)	0.1 (0-0.2)	6.5 (4.1-9.9)	63	62	22	3
Spain	96 (80-115)	84 (68-101)	-12.9 (-21.1--5.3)	1,840 (1,540-2,140)	1,870 (1,590-2,170)	1.5 (-5.5-8.5)	5 (4-5)	5 (5-6)	17.2 (3-31.2)	105 (88-124)	111 (92-134)	5.5 (-3.3-16.3)	0 (0-1)	0 (0-0)	-15.3 (-32.3-6.2)	26 (19-35)	26 (19-35)	0.5 (-12.1-15.8)	0 (0-0)	1.2 (0.9-1.6)	0 (0-0)	2.8 (2.1-3.9)	84	74	16	10

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Sweden	16 (12-21)	22 (16-29)	41.8 (28.9-55.8)	365 (296-449)	455 (353-565)	24.1 (16.6-32.5)	0 (0-0)	0 (0-0)	140 (101-182)	18 (14-24)	23 (17-30)	26.4 (15-38.1)	0 (0-0)	0 (0-0)	49.8 (19-95.5)	4 (2-5)	5 (4-8)	44.3 (29.7-60.2)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	2.1 (1.4-3.1)	90	81	16	13
Stockholm	4 (3-5)	5 (4-7)	41.4 (29.7-55.6)	76 (60-94)	109 (85-134)	43.8 (34.8-53.6)	0 (0-0)	0 (0-0)	74.6 (40.1-117)	4 (3-5)	5 (4-7)	48.3 (33.6-63.8)	0 (0-0)	0 (0-0)	24.6 (-6.5-68.5)	1 (1-1)	1 (1-2)	55.3 (35.5-77.8)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	2.4 (1.4-3.5)	89	82	17	12
Sweden except Stockholm	12 (9-16)	17 (13-22)	41.9 (27.7-61.8)	290 (233-357)	345 (268-430)	18.9 (10.6-29.5)	0 (0-0)	0 (0-0)	165 (115-208)	14 (11-19)	18 (13-23)	20.9 (7.8-35.6)	0 (0-0)	0 (0-0)	59.1 (19.4-105)	3 (2-4)	4 (3-6)	41.1 (23.3-59.7)	0 (0-0)	1.1 (0.7-1.5)	0 (0-0)	2.1 (1.4-3)	91	82	17	14
Switzerland	36 (33-42)	44 (40-49)	20.6 (14.9-27.5)	919 (848-998)	1,030 (942-1,120)	11.6 (6-17.4)	0 (0-1)	1 (1-1)	17.5 (2.5-36)	43 (38-48)	50 (44-56)	17.2 (10.9-23.7)	0 (0-0)	0 (0-0)	-8.9 (-40.3-23.2)	10 (8-13)	12 (10-16)	21.7 (8-37)	0 (0-0)	2.2 (1.7-2.7)	0 (0-0)	4 (3-5.1)	87	77	12	8
United Kingdom	182 (148-224)	219 (179-271)	20.5 (19.1-21.9)	3,020 (2,410-3,630)	3,400 (2,700-4,120)	12.2 (10.8-14)	16 (15-16)	16 (16-17)	3.5 (0.4-6.9)	193 (152-238)	216 (169-266)	12 (10.1-14.1)	1 (1-1)	1 (1-1)	-13.6 (-19.9--7.1)	66 (49-87)	75 (55-100)	14.3 (11.3-17.2)	0 (0-0)	1.5 (1.1-2)	0 (0-0)	2 (1.4-2.6)	76	70	13	11
England	162 (131-198)	198 (160-243)	22.4 (21-23.8)	2,620 (2,070-3,180)	3,010 (2,370-3,660)	14.4 (12.8-16.3)	12 (12-12)	12 (12-13)	1.5 (-2.3-5.3)	170 (133-209)	194 (150-238)	14.1 (12.2-16.2)	1 (1-1)	1 (1-1)	-8.1 (-14.8--1.4)	59 (43-78)	69 (50-91)	17 (14.2-19.9)	0 (0-0)	1.6 (1.1-2.1)	0 (0-0)	2 (1.4-2.7)	77	69	13	11
East Midlands	9 (7-12)	12 (9-15)	25.5 (21.1-30.8)	151 (118-185)	174 (137-211)	14.8 (11.2-20.6)	1 (0-1)	1 (1-1)	12.5 (3-24)	10 (8-13)	12 (9-15)	14.5 (9.8-19.8)	0 (0-0)	0 (0-0)	11.7 (-1.2-28.4)	3 (2-5)	4 (3-5)	16.9 (11.1-24)	0 (0-0)	1.2 (0.8-1.6)	0 (0-0)	1.5 (1.1-2)	90	80	14	12
Derby	1 (0-1)	1 (1-1)	18.6 (7.1-31.5)	9 (7-12)	11 (8-14)	17.1 (8.4-26.1)	0 (0-0)	0 (0-0)	8.6 (-3.6-23.2)	1 (0-1)	1 (1-1)	17.3 (5.9-28.4)	0 (0-0)	0 (0-0)	81.4 (43.7-132)	0 (0-0)	0 (0-0)	14.7 (-0.5-29.4)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1 (0.7-1.5)	79	68	14	14
Derbyshire	1 (1-1)	1 (1-1)	6.6 (-5.2-18.5)	12 (9-16)	12 (9-16)	-3.4 (-11.1-10.8)	0 (0-0)	0 (0-0)	32.1 (10.8-58.1)	1 (1-1)	1 (1-1)	-5.6 (-16.2-6.2)	0 (0-0)	0 (0-0)	23.5 (-2.6-58.5)	0 (0-1)	0 (0-0)	-7.5 (-21.5-8.8)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.3)	95	85	17	19
Leicester	1 (1-2)	2 (1-2)	36.5 (27.9-47.4)	20 (15-26)	27 (21-35)	32.7 (23.6-42.2)	0 (0-0)	0 (0-0)	6.7 (-6.4-23.4)	1 (1-2)	2 (1-2)	33 (22.1-44.8)	0 (0-0)	0 (0-0)	30.4 (-3.8-79.3)	0 (0-1)	1 (0-1)	31.8 (18.3-46.8)	0 (0-0)	1.2 (0.8-1.7)	0 (0-0)	1.4 (1-1.9)	77	72	13	14
Leicestershire	1 (0-1)	1 (1-1)	14.4 (0.9-32.4)	10 (7-13)	10 (8-14)	3.6 (-5.8-20)	0 (0-0)	0 (0-0)	39.2 (16.8-65.6)	1 (1-1)	1 (1-1)	1.7 (-9.8-18.6)	0 (0-0)	0 (0-0)	37.2 (15.3-71.9)	0 (0-0)	0 (0-0)	1.6 (-13.7-22.1)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.4-1.2)	103	97	17	20
Lincolnshire	1 (0-1)	1 (1-1)	33.1 (15.8-54.6)	10 (8-14)	12 (9-15)	11.1 (0.7-36.2)	0 (0-0)	0 (0-0)	47 (21.9-75.1)	1 (1-1)	1 (1-1)	8 (-5.6-27)	0 (0-0)	0 (0-0)	18.9 (-7.3-45.1)	0 (0-0)	0 (0-1)	11.8 (-4-33.6)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1 (0.6-1.5)	104	98	18	17
Northamptonshire	3 (2-3)	3 (2-4)	23 (13.6-32.5)	47 (36-62)	53 (41-68)	11.7 (2.9-20.1)	0 (0-0)	0 (0-0)	1.9 (-13.2-18.5)	3 (2-4)	3 (2-4)	13.4 (5.6-21.6)	0 (0-0)	0 (0-0)	-47.8 (-59.5--35.2)	1 (1-1)	1 (1-1)	17.1 (6.2-28.9)	0 (0-0)	1.9 (1.3-2.5)	0 (0-0)	5 (3.5-7.1)	79	71	9	5
Nottingham	2 (1-2)	2 (2-3)	39.7 (31.3-49.7)	29 (22-37)	36 (28-47)	25.3 (17.1-33.2)	0 (0-0)	0 (0-0)	8.6 (-5.3-25.7)	2 (1-2)	2 (2-3)	29.6 (19.1-40.4)	0 (0-0)	0 (0-0)	25.7 (-1.6-49.7)	1 (0-1)	1 (1-1)	38.9 (21.7-56.3)	0 (0-0)	2.1 (1.4-2.8)	0 (0-0)	3 (2-4.2)	89	80	9	5
Nottinghamshire	1 (1-1)	1 (1-1)	13.3 (3.3-29.6)	12 (9-16)	13 (10-16)	1.9 (-4.6-11.3)	0 (0-0)	0 (0-0)	14.3 (-2.3-33.8)	1 (1-1)	1 (1-1)	0.7 (-9.3-15)	0 (0-0)	0 (0-0)	25.6 (-2.8-59.2)	0 (0-1)	0 (0-1)	1.7 (-11.3-20.6)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.3)	95	89	17	19
Rutland	0 (0-0)	0 (0-0)	19.4 (3.4-41.5)	1 (0-1)	1 (0-1)	5.2 (-7.5-33.9)	0 (0-0)	0 (0-0)	-0.8 (-20.5-21.4)	0 (0-0)	0 (0-0)	1.6 (-10.9-22)	0 (0-0)	0 (0-0)	-55 (-70.4--32.2)	0 (0-0)	0 (0-0)	0.9 (-14.3-21.4)	0.1 (0-0.1)	1.1 (0.6-1.7)	0 (0-0.1)	2.4 (1.3-3.6)	68	65	19	11
East of England	14 (11-18)	16 (12-20)	12.5 (8.3-15.8)	242 (184-304)	252 (188-318)	3.8 (0.4-6.9)	1 (1-1)	1 (1-1)	15.8 (6.8-25.9)	15 (12-20)	16 (12-21)	4.2 (0.6-7.7)	0 (0-0)	0 (0-0)	22.1 (8.8-35.8)	5 (3-7)	5 (4-7)	3.5 (-1.1-8.1)	0 (0-0)	1.5 (1-2.1)	0 (0-0)	1.6 (1.1-2.1)	84	74	13	12
Bedford	1 (1-1)	1 (1-1)	-3.5 (-12.3-5.4)	14 (10-19)	12 (8-16)	-12.9 (-21--4.3)	0 (0-0)	0 (0-0)	10.4 (-6.9-27.8)	1 (1-1)	1 (1-1)	-13.3 (-20.5-5.2)	0 (0-0)	0 (0-0)	20.5 (-13.3-54)	0 (0-1)	0 (0-0)	-13.5 (-23.7--1.7)	0 (0-0)	2.9 (1.8-4.1)	0 (0-0)	2.3 (1.4-3.1)	78	75	7	11
Cambridgeshire	1 (1-1)	1 (1-1)	26.6 (16.2-39.3)	14 (11-19)	17 (12-22)	17.1 (8.3-27)	0 (0-0)	0 (0-0)	27.9 (8.7-47.8)	1 (1-1)	1 (1-2)	16.1 (5.7-27.2)	0 (0-0)	0 (0-0)	19.2 (-9.3-55.1)	0 (0-0)	0 (0-1)	14.4 (0.8-30.1)	0 (0-0)	1.1 (0.7-1.6)	0 (0-0)	1.3 (0.8-1.9)	95	86	17	14
Central Bedfordshire	0 (0-0)	0 (0-0)	16.6 (5.7-35.3)	4 (3-6)	4 (3-6)	7.7 (-1.1-28.6)	0 (0-0)	0 (0-0)	6.7 (-8.6-26.1)	0 (0-0)	0 (0-0)	6.1 (-3.5-20.4)	0 (0-0)	0 (0-0)	62.3 (24.7-107)	0 (0-0)	0 (0-0)	4.8 (-9.7-22.6)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.2)	87	75	18	22
Essex	3 (2-4)	4 (3-5)	18.8 (10.3-25.8)	57 (41-74)	60 (43-77)	5.8 (-0.8-11.1)	0 (0-0)	0 (0-0)	24.2 (6.6-41.4)	4 (3-5)	4 (3-5)	6.1 (-1.7-13.2)	0 (0-0)	0 (0-0)	17.9 (-7.2-47.4)	1 (1-2)	1 (1-2)	6.4 (-5.6-17.6)	0 (0-0)	1.5 (1-2.1)	0 (0-0)	1.6 (1.1-2.4)	84	71	13	11
Hertfordshire	3 (2-3)	3 (2-4)	18.4 (10.8-25.6)	46 (34-59)	52 (39-68)	13.1 (6.3-19.3)	0 (0-0)	0 (0-0)	7.4 (-6.3-22.4)	3 (2-4)	3 (2-4)	13.8 (6.4-22.9)	0 (0-0)	0 (0-0)	19.4 (-5.5-59)	1 (1-1)	1 (1-1)	13 (2-26.1)	0 (0-0)	1.5 (1-2)	0 (0-0)	1.6 (1.1-2.3)	83	70	14	12
Luton	1 (1-1)	1 (1-1)	21 (14.1-28)	12 (8-16)	14 (10-19)	20.5 (14.8-27.2)	0 (0-0)	0 (0-0)	3.7 (-9-18.7)	1 (1-1)	1 (1-1)	21.7 (13-30.5)	0 (0-0)	0 (0-0)	15.4 (-8.2-43.2)	0 (0-0)	0 (0-1)	24.7 (12.4-36.2)	0 (0-0.1)	1.3 (0.8-1.8)	0.1 (0-0.1)	1.6 (1-2.2)	65	64	14	12
Norfolk	1 (1-2)	1 (1-2)	19.8 (11-30.7)	21 (16-27)	23 (18-30)	8.8 (2.4-15.7)	0 (0-0)	0 (0-0)	25.8 (7-50)	1 (1-2)	2 (1-2)	8.3 (0-18)	0 (0-0)	0 (0-0)	10.6 (-19.2-42)	0 (0-1)	0 (0-1)	7.9 (-4.7-21.8)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1.2 (0.9-1.9)	104	97	17	14
Peterborough	0 (0-0)	1 (0-1)	52.2 (40-67.9)	4 (3-6)	6 (4-9)	42.5 (30.6-53.7)	0 (0-0)	0 (0-0)	64.6 (42-94.1)	0 (0-0)	0 (0-1)	41.5 (29.1-55.7)	0 (0-0)	0 (0-0)	37.3 (2.7-80.1)	0 (0-0)	0 (0-0)	44 (26.7-64.4)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	1.2 (0.8-1.8)	102	92	18	13
Southend-on-Sea	0 (0-0)	0 (0-0)	18.5 (8-34.1)	3 (2-4)	3 (2-4)	14.7 (4.5-29.5)	0 (0-0)	0 (0-0)	4 (-12.1-20.7)	0 (0-0)	0 (0-0)	12.8 (1.8-27.2)	0 (0-0)	0 (0-0)	5.1 (-19.9-53.4)	0 (0-0)	0 (0-0)	9.9 (-5.1-27.4)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	1.1 (0.6-1.7)	84	77	18	18
Suffolk	3 (2-4)	2 (2-3)	-14.9 (-25--4.7)	53 (39-70)	43 (30-56)	-19.2 (-28.4--10.8)	0 (0-0)	0 (0-0)	26 (7.3-45.4)	3 (2-4)	3 (2-3)	-20.2 (-28.6--11.7)	0 (0-0)	0 (0-0)	19.2 (-6.1-48.7)	1 (1-1)	1 (1-1)	-25.3 (-35.8--13.7)	0 (0-0)	2.9 (2-4.1)	0 (0-0)	2.3 (1.5-3.1)	84	76	7	9
Thurrock	1 (1-1)	1 (1-1)	23.1 (14.5-30.2)	14 (10-18)	16 (11-22)	18.8 (9.8-28.6)	0 (0-0)	0 (0-0)	10.9 (-4.9-28.4)	1 (1-1)	1 (1-1)	19.3 (10.4-27.6)	0 (0-0)	0 (0-0)	43.3 (13.6-77.5)	0 (0-0)	0 (0-1)	20.4 (8.8-31.2)	0.1 (0.1-0.1)	2.7 (1.8-3.8)	0.1 (0.1-0.1)	2.6 (1.7-3.5)	65	60	8	9
Greater London	69 (56-85)	88 (71-108)	26.7 (24-29.1)	1,100 (895-1,370)	1,340 (1,080-1,670)	21.7 (19.4-24.4)	6 (5-6)	5 (4-5)	-14.4 (-20.7--8.3)	66 (52-80)	80 (63-98)	22.2 (19.2-25.3)	1 (1-1)	0 (0-0)	-27 (-32.3--20.6)	23 (17-30)	29 (22-39)	27.5 (23.7-31.3)	0.1 (0.1-0.1)	3.1 (2.3-4.2)	0.1 (0.1-0.1)	5.2 (3.9-6.8)	58	58	8	5

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Barking and Dagenham	2 (2-2)	3 (2-4)	55.1 (43.3-67.2)	33 (27-40)	48 (39-58)	43.4 (32.9-52.9)	0 (0-0)	0 (0-0)	1.8 (-7.2-13.9)	2 (2-2)	3 (2-3)	41.6 (31-53.2)	0 (0-0)	0 (0-0)	14.3 (-4.4-32)	1 (1-1)	1 (1-1)	51.6 (35.4-69.7)	0.1 (0.1-0.1)	4.5 (3.2-6)	0.1 (0.1-0.1)	5.5 (3.9-7.3)	55	55	7	5
Barnet	2 (2-3)	3 (2-4)	32.1 (21.8-41.1)	44 (35-55)	54 (42-68)	22.9 (15.8-33.1)	0 (0-0)	0 (0-0)	-7.9 (-18.6-2)	2 (2-3)	3 (2-4)	23.4 (15.2-32.9)	0 (0-0)	0 (0-0)	1.1 (-15.2-22.5)	1 (1-1)	1 (1-1)	31.8 (18.2-47.8)	0.1 (0-0.1)	3.3 (2.4-4.4)	0.1 (0.1-0.1)	4.7 (3.3-6.4)	58	55	7	5
Bexley	1 (1-1)	1 (1-2)	15.3 (6.1-26)	20 (14-26)	20 (14-26)	0.3 (-8.2-10.2)	0 (0-0)	0 (0-0)	-10 (-22.4-3.6)	1 (1-1)	1 (1-1)	1.9 (-5.8-10.6)	0 (0-0)	0 (0-0)	20.3 (-2.4-47.4)	0 (0-0)	0 (0-0)	4.3 (-6.3-17)	0.1 (0-0.1)	2.5 (1.7-3.5)	0.1 (0-0.1)	2.2 (1.4-3.1)	66	61	9	10
Brent	2 (2-3)	3 (2-4)	40.3 (29.2-52.9)	33 (27-42)	45 (36-57)	34.1 (25.5-47.3)	0 (0-0)	0 (0-0)	0 (-11.9-9.7)	2 (2-3)	3 (2-3)	37 (26.6-48.9)	0 (0-0)	0 (0-0)	-11.3 (-26-1.3)	1 (1-1)	1 (1-2)	52.6 (36-73.2)	0.1 (0.1-0.1)	2.1 (1.5-2.9)	0.1 (0.1-0.1)	4.2 (3-5.8)	55	51	10	6
Bromley	1 (1-1)	1 (1-2)	25.1 (16.9-34.7)	20 (13-27)	22 (14-29)	10.4 (2.3-19.9)	0 (0-0)	0 (0-0)	-14.7 (-26.4--4)	1 (1-1)	1 (1-2)	11.9 (4.6-20.3)	0 (0-0)	0 (0-0)	2.6 (-14.9-21.2)	0 (0-0)	0 (0-1)	14.1 (2.6-26.7)	0 (0-0)	1.9 (1.3-2.7)	0 (0-0)	2.5 (1.6-3.6)	72	68	11	8
Camden	2 (1-2)	1 (1-2)	-11.3 (-17.3--3.2)	26 (20-34)	22 (18-29)	-12.7 (-19.3--5.5)	0 (0-0)	0 (0-0)	-4.1 (-40.4-21.8)	2 (1-2)	1 (1-2)	-14 (-20.9--7)	0 (0-0)	0 (0-0)	-35.7 (-49.5--20.7)	0 (0-1)	0 (0-1)	-13.6 (-22.5--3.2)	0.1 (0-0.1)	2.9 (2.1-4)	0.1 (0.1-0.1)	4.7 (3.3-6.5)	68	62	8	5
Croydon	3 (2-3)	4 (3-5)	40 (29.9-49.8)	50 (40-63)	63 (51-78)	24.7 (15.1-34.3)	0 (0-0)	0 (0-0)	-1.9 (-14.5-8.8)	3 (2-4)	4 (3-5)	27.5 (18.9-38.3)	0 (0-0)	0 (0-0)	-10.6 (-24.8-3.4)	1 (1-1)	1 (1-2)	39.4 (25-54.8)	0.1 (0.1-0.1)	2.9 (2.2-4)	0.1 (0.1-0.1)	5 (3.5-6.8)	59	55	8	5
Ealing	2 (1-2)	2 (2-2)	12.9 (5.5-22.4)	28 (21-37)	31 (24-39)	9.3 (4-17.8)	0 (0-0)	0 (0-0)	-7.2 (-16.1-2.6)	2 (1-2)	2 (1-2)	11.1 (3.8-19.5)	0 (0-0)	0 (0-0)	-11.2 (-24.1-9.9)	1 (0-1)	1 (0-1)	19.2 (7.9-31.8)	0.1 (0.1-0.1)	2 (1.5-2.8)	0.1 (0.1-0.1)	3.3 (2.3-4.6)	59	52	10	7
Enfield	5 (4-6)	6 (5-8)	28.4 (17.9-39)	92 (77-112)	117 (96-144)	26.6 (17.1-36)	0 (0-0)	0 (0-0)	-3.3 (-17.8-11)	5 (4-6)	6 (5-8)	26.1 (16.3-35.4)	0 (0-0)	0 (0-0)	-9 (-22-10.2)	2 (1-2)	2 (1-3)	32.8 (18.6-50.5)	0.1 (0.1-0.1)	5.9 (4.1-7.8)	0.1 (0.1-0.1)	8.7 (6.3-11.6)	53	52	5	2
Greenwich	2 (2-3)	3 (3-4)	50.9 (39.5-61)	36 (29-45)	51 (42-64)	40.7 (31.8-51.3)	0 (0-0)	0 (0-0)	-2.2 (-14.2-8.2)	2 (2-3)	3 (2-4)	41.4 (30.8-51.9)	0 (0-0)	0 (0-0)	19.3 (6.3-37.9)	1 (1-1)	1 (1-1)	47.5 (33.1-61.5)	0.1 (0.1-0.1)	3.3 (2.4-4.5)	0.1 (0.1-0.1)	4.3 (3.1-5.7)	63	57	8	5
Hackney	7 (6-9)	9 (7-11)	22.1 (11.3-33.3)	101 (83-123)	126 (102-153)	24.2 (15.1-36)	0 (0-0)	0 (0-0)	-27.8 (-38.9--16.6)	6 (5-7)	7 (6-9)	24.2 (14.2-35.6)	0 (0-0)	0 (0-0)	-66.7 (-71.9--60.4)	2 (2-3)	3 (2-4)	20.2 (7.2-34.9)	0.1 (0.1-0.1)	6 (4.4-8)	0.1 (0.1-0.2)	21.7 (15.2-30.8)	45	48	5	2
Hammersmith and Fulham	1 (1-2)	1 (1-2)	-5.5 (-13-3.4)	20 (15-28)	19 (14-26)	-7.2 (-15.4-0.8)	0 (0-0)	0 (0-0)	-32.6 (-42.8--25.4)	1 (1-2)	1 (1-2)	-7.4 (-14.6-1.3)	0 (0-0)	0 (0-0)	-28.4 (-39.5--12.9)	0 (0-1)	0 (0-1)	-0.5 (-10.2-10.7)	0.1 (0.1-0.1)	2.6 (1.8-3.7)	0.1 (0.1-0.1)	4.2 (2.8-5.9)	55	51	9	6
Haringey	7 (5-8)	7 (6-9)	9.2 (1.5-17.7)	101 (83-123)	119 (99-148)	18.5 (10.2-30.4)	0 (0-0)	0 (0-0)	-11.4 (-20.8--2.2)	6 (5-7)	7 (6-9)	16.2 (7.7-26.5)	0 (0-0)	0 (0-0)	-48.8 (-56.6--39.3)	2 (2-3)	2 (2-3)	17.5 (5.3-31.3)	0.1 (0.1-0.1)	6.6 (4.5-9.3)	0.1 (0.1-0.1)	14.7 (10.3-20.5)	48	52	3	2
Harrow	0 (0-1)	1 (0-1)	59 (45.8-73.5)	6 (4-8)	8 (6-12)	41.7 (31-54.7)	0 (0-0)	0 (0-0)	16.2 (1.2-33)	0 (0-1)	1 (0-1)	44.8 (32.6-56.7)	0 (0-0)	0 (0-0)	41.7 (18.1-72.8)	0 (0-0)	0 (0-0)	56.1 (38.2-75.7)	0 (0-0)	0.7 (0.5-1.1)	0 (0-0.1)	1 (0.6-1.5)	65	61	21	18
Havering	0 (0-1)	1 (1-1)	57.9 (44.8-72.2)	9 (6-14)	11 (7-17)	19.9 (11.6-27.9)	0 (0-0)	0 (0-0)	24.4 (6.6-44.6)	1 (0-1)	1 (0-1)	21.6 (12.8-32)	0 (0-0)	0 (0-0)	14.4 (-16.1-56)	0 (0-0)	0 (0-0)	38.5 (23.9-54.9)	0 (0-0)	1.4 (0.9-2.1)	0 (0-0)	2 (1.2-3)	82	75	12	11
Hillingdon	1 (0-1)	1 (1-2)	54 (41-66.1)	11 (7-16)	15 (10-22)	36.5 (24-47.6)	0 (0-0)	0 (0-0)	17.5 (1-35.5)	1 (0-1)	1 (1-1)	37.7 (27.9-47.6)	0 (0-0)	0 (0-0)	34.1 (1.6-64.6)	0 (0-0)	0 (0-1)	44.6 (29.5-60.4)	0 (0-0)	1.3 (0.8-2)	0 (0-0)	1.8 (1.1-2.7)	94	83	13	11
Hounslow	1 (1-2)	2 (1-2)	41.8 (29.3-54.7)	19 (13-26)	26 (19-34)	36 (23.1-49.5)	0 (0-0)	0 (0-0)	-4.3 (-19.3-13.5)	1 (1-2)	2 (1-2)	37.2 (26.3-48.4)	0 (0-0)	0 (0-0)	26.9 (3.2-57)	0 (0-1)	1 (0-1)	45.5 (32.3-61.5)	0 (0-0)	1.9 (1.3-2.8)	0 (0-0)	2.5 (1.7-3.6)	76	66	10	8
Islington	1 (1-1)	1 (1-2)	40.2 (30.7-51.7)	12 (8-16)	15 (10-20)	22.9 (12.8-30.3)	0 (0-0)	0 (0-0)	-29.8 (-38.8--19.9)	1 (1-1)	1 (1-1)	26.1 (16.5-36)	0 (0-0)	0 (0-0)	-39.9 (-47.3--26.5)	0 (0-0)	0 (0-1)	32.5 (19.8-46.7)	0.1 (0.1-0.1)	1.6 (1.1-2.2)	0.1 (0.1-0.1)	3.9 (2.5-5.3)	65	59	13	6
Kensington and Chelsea	0 (0-0)	0 (0-0)	-8.3 (-19.1-3.2)	3 (2-4)	2 (2-3)	-9.1 (-16.5-8)	0 (0-0)	0 (0-0)	-35.9 (-44.9--28.3)	0 (0-0)	0 (0-0)	-10.1 (-20.4-4.2)	0 (0-0)	0 (0-0)	-29.8 (-43.9--14.7)	0 (0-0)	0 (0-0)	-17.2 (-29.3--1.5)	0.1 (0.1-0.1)	0.8 (0.5-1.3)	0.1 (0.1-0.1)	1.3 (0.8-2)	67	60	24	16
Kingston upon Thames	0 (0-1)	1 (0-1)	36.7 (25.4-49.1)	8 (6-10)	9 (7-12)	14.4 (4.4-25.8)	0 (0-0)	0 (0-0)	22.4 (6.8-41.8)	0 (0-1)	1 (0-1)	16 (7-26.7)	0 (0-0)	0 (0-0)	74.2 (15.6-137)	0 (0-0)	0 (0-0)	26.5 (13.1-42.1)	0 (0-0)	1.8 (1.2-2.8)	0 (0-0)	1.9 (1.4-2.6)	93	83	12	12
Lambeth	6 (5-7)	6 (5-8)	7 (-1.4-15.8)	91 (75-110)	96 (78-119)	6 (-1-14)	0 (0-0)	0 (0-0)	-31.2 (-41.8--21.6)	5 (4-7)	6 (5-7)	5.5 (-3-14.1)	0 (0-0)	0 (0-0)	-48.4 (-56.5--38.4)	2 (1-2)	2 (1-3)	8.1 (-3.5-20.6)	0.1 (0.1-0.1)	4.8 (3.5-6.5)	0.1 (0.1-0.1)	9.4 (6.7-12.4)	47	51	7	2
Lewisham	4 (3-5)	5 (4-6)	24.6 (16.9-33.5)	62 (53-76)	71 (59-86)	13.4 (6.5-23.6)	0 (0-0)	0 (0-0)	-22.7 (-33.4--11.8)	4 (3-4)	4 (3-5)	13.9 (5-22.4)	0 (0-0)	0 (0-0)	-22.5 (-35--6.1)	1 (1-2)	2 (1-2)	22.8 (9.3-36.9)	0.1 (0.1-0.1)	4 (2.9-5.4)	0.1 (0.1-0.1)	6.5 (4.8-8.7)	53	52	7	3
Merton	1 (1-2)	2 (1-2)	28 (20.3-37.4)	21 (16-29)	24 (18-32)	12.1 (4.5-21.7)	0 (0-0)	0 (0-0)	-7.4 (-20.3-8.3)	1 (1-2)	1 (1-2)	12.8 (4.7-23)	0 (0-0)	0 (0-0)	8.7 (-13.6-42.5)	0 (0-1)	1 (0-1)	23.1 (11.6-35.8)	0 (0-0)	2.9 (2-4)	0 (0-0)	4.3 (3-6)	74	66	8	6
Newham	4 (3-4)	5 (4-7)	44.4 (35-54.1)	51 (43-63)	73 (60-89)	41.7 (33-52.1)	0 (0-0)	0 (0-0)	-3.2 (-14.4-7.4)	3 (3-4)	5 (4-6)	43.7 (32.9-55.7)	0 (0-0)	0 (0-0)	-26.8 (-36.9--13.7)	1 (1-2)	2 (1-3)	41.2 (26.1-57.4)	0.1 (0.1-0.1)	3.1 (2.3-4.1)	0.1 (0.1-0.2)	6.4 (4.8-8.4)	48	49	9	3
Redbridge	1 (1-1)	2 (1-2)	66 (55.4-78.1)	18 (13-24)	27 (19-36)	51.1 (41.1-61)	0 (0-0)	0 (0-0)	5.2 (-11.6-17.3)	1 (1-1)	2 (1-2)	52.3 (42.1-65.1)	0 (0-0)	0 (0-0)	13.3 (-5.2-41.2)	0 (0-1)	1 (0-1)	62.8 (49.3-79.3)	0 (0-0.1)	1.8 (1.1-2.4)	0.1 (0-0.1)	2.9 (1.9-4)	66	62	12	7
Richmond upon Thames	1 (0-1)	1 (0-1)	9.4 (0.2-14.8)	9 (6-13)	11 (7-15)	15.6 (6.3-24.1)	0 (0-0)	0 (0-0)	1.4 (-15.7-17.4)	1 (0-1)	1 (0-1)	15.5 (7-23.3)	0 (0-0)	0 (0-0)	-4 (-25.3-19.2)	0 (0-0)	0 (0-0)	11.6 (0.9-22.6)	0 (0-0)	1.7 (1.1-2.5)	0 (0-0)	2.5 (1.6-3.8)	93	85	13	8
Southwark	5 (4-6)	6 (5-8)	28.7 (20-37.8)	74 (60-92)	90 (74-109)	19.8 (12.6-27.6)	0 (0-0)	0 (0-0)	-26.4 (-34.3--17.5)	5 (4-6)	6 (4-7)	22.4 (13.9-32.6)	0 (0-0)	0 (0-0)	-56.3 (-62.9--48.6)	2 (1-2)	2 (2-3)	27.6 (14.7-42.6)	0.1 (0.1-0.1)	4.2 (3-5.7)	0.1 (0.1-0.1)	11.2 (7.9-15.5)	45	48	7	2
Sutton	0 (0-1)	1 (0-1)	25.9 (16.9-36.5)	7 (5-9)	8 (6-10)	7.6 (-0.6-17.8)	0 (0-0)	0 (0-0)	-14.7 (-25.9-0.8)	0 (0-1)	0 (0-1)	9.6 (1.3-19.1)	0 (0-0)	0 (0-0)	24.2 (-3.1-52.1)	0 (0-0)	0 (0-0)	12.2 (0.2-25.3)	0 (0-0)	1.3 (0.8-1.9)	0 (0-0)	1.4 (1-2)	81	73	15	14
Tower Hamlets	1 (1-2)	2 (1-2)	32.9 (19.1-45.8)	16 (13-21)	20 (16-27)	24.1 (11.7-39.4)	0 (0-0)	0 (0-0)	-10.9 (-20.6-1.2)	1 (1-1)	1 (1-2)	26.5 (13.3-41.9)	0 (0-0)	0 (0-0)	-13.5 (-29.8-4.8)	0 (0-1)	1 (0-1)	28.5 (12.6-46.8)	0 (0-0.1)	1.8 (1.2-2.4)	0.1 (0-0.1)	2.8 (2-3.9)	72	63	12	6

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Waltham Forest	3 (2-3)	4 (3-5)	41.6 (32.4-51)	40 (31-51)	55 (43-70)	36 (25.8-46.3)	0 (0-0)	0 (0-0)	-11 (-23.8-0.7)	3 (2-3)	3 (3-4)	36.6 (26.2-48.4)	0 (0-0)	0 (0-0)	-24 (-34.5--11.8)	1 (1-1)	1 (1-2)	43.8 (27.2-60.1)	0.1 (0.1-0.1)	3.2 (2.3-4.4)	0.1 (0.1-0.1)	6.1 (4.3-8.4)	46	51	8	5
Wandsworth	2 (1-2)	2 (2-3)	37.4 (28.4-45.6)	22 (16-30)	29 (22-38)	30.5 (20.5-41.3)	0 (0-0)	0 (0-0)	-29.4 (-41.9--17.8)	1 (1-2)	2 (1-2)	31.2 (21.9-42.5)	0 (0-0)	0 (0-0)	-34.2 (-45.2--19.3)	0 (0-1)	1 (0-1)	45.5 (33.3-59.4)	0.1 (0.1-0.1)	1.8 (1.3-2.4)	0.1 (0.1-0.1)	4.2 (2.9-5.7)	57	53	11	5
Westminster	1 (0-1)	1 (0-1)	-9.2 (-21.4-2.6)	10 (7-13)	9 (6-13)	-9.7 (-22-2.5)	0 (0-0)	0 (0-0)	-26.5 (-40.4--17.1)	1 (0-1)	1 (0-1)	-8.8 (-20.5-2.1)	0 (0-0)	0 (0-0)	-39.7 (-52.4--24)	0 (0-0)	0 (0-0)	-5.6 (-19.8-8.8)	0.1 (0.1-0.1)	1.3 (0.8-1.9)	0.1 (0.1-0.1)	2.7 (1.8-4)	65	57	15	9
North East England	4 (3-6)	5 (4-6)	11.9 (7.7-15.8)	72 (55-91)	72 (55-93)	0 (-3.7-4.1)	0 (0-0)	0 (0-0)	37.2 (26.5-48.6)	5 (4-7)	5 (4-7)	-0.2 (-3.7-3.9)	0 (0-0)	0 (0-0)	8.4 (-14.4-32.1)	2 (1-3)	2 (1-3)	2.2 (-2.9-7.1)	0 (0-0)	1.1 (0.7-1.5)	0 (0-0)	1.5 (1-2.1)	107	101	15	14
County Durham	1 (0-1)	1 (0-1)	9 (-1.7-27.2)	8 (6-11)	8 (6-11)	-0.7 (-9.4-14.2)	0 (0-0)	0 (0-0)	39.6 (16.9-63.9)	1 (0-1)	1 (0-1)	-2.3 (-11.7-15.7)	0 (0-0)	0 (0-0)	15.6 (-14.2-58.3)	0 (0-0)	0 (0-0)	-2 (-16-17)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.9 (0.5-1.4)	103	101	19	19
Darlington	0 (0-0)	0 (0-0)	9.8 (-3.8-26)	2 (1-2)	2 (1-3)	9.1 (-1.2-27.6)	0 (0-0)	0 (0-0)	60.2 (36.6-89.1)	0 (0-0)	0 (0-0)	6.6 (-6.3-23)	0 (0-0)	0 (0-0)	-11.5 (-36.9-32.2)	0 (0-0)	0 (0-0)	2.9 (-13.3-21.6)	0 (0-0)	0.8 (0.4-1.3)	0 (0-0)	1 (0.6-1.5)	103	96	21	16
Gateshead	0 (0-1)	0 (0-1)	11.9 (2.1-20.7)	7 (5-9)	7 (5-10)	4.3 (-3.5-14.5)	0 (0-0)	0 (0-0)	37.6 (17.3-59.7)	0 (0-1)	0 (0-1)	4.2 (-4.7-13.2)	0 (0-0)	0 (0-0)	28.4 (-7.1-87.3)	0 (0-0)	0 (0-0)	1.9 (-10.7-14.5)	0 (0-0)	1.1 (0.7-1.6)	0 (0-0)	1.4 (0.9-2.1)	104	96	14	13
Hartlepool	0 (0-0)	0 (0-0)	2.3 (-8.6-26.4)	2 (1-2)	2 (1-2)	-4.6 (-13-30.7)	0 (0-0)	0 (0-0)	56.4 (19.5-99)	0 (0-0)	0 (0-0)	-8.6 (-20.7-11.2)	0 (0-0)	0 (0-0)	14.1 (-13.9-54.8)	0 (0-0)	0 (0-0)	-10 (-24.5-14)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	1.3 (0.8-1.9)	104	98	18	17
Middlesbrough	1 (0-1)	1 (0-1)	9.3 (0.3-18.8)	8 (6-10)	7 (5-10)	-6.8 (-15.6-1.1)	0 (0-0)	0 (0-0)	31.5 (5.6-53.4)	1 (0-1)	1 (0-1)	-2.3 (-9.9-6.8)	0 (0-0)	0 (0-0)	7.8 (-24.6-46.9)	0 (0-0)	0 (0-0)	6.5 (-4.2-19.5)	0 (0-0)	1.7 (1.1-2.4)	0 (0-0)	2.4 (1.5-3.3)	99	95	12	11
Newcastle upon Tyne	1 (1-1)	1 (1-2)	29.9 (21.5-38.9)	16 (12-22)	18 (13-25)	11.1 (4.2-18)	0 (0-0)	0 (0-0)	23.1 (5.4-44.5)	1 (1-1)	1 (1-2)	13.9 (6-21.8)	0 (0-0)	0 (0-0)	37 (5.2-81)	0 (0-0)	0 (0-1)	20.5 (9.9-31.8)	0 (0-0)	1.9 (1.2-2.8)	0 (0-0)	2.5 (1.6-3.5)	103	101	12	10
North Tyneside	0 (0-1)	1 (0-1)	14.6 (5-24.3)	9 (6-11)	9 (6-12)	1.8 (-7.6-10.4)	0 (0-0)	0 (0-0)	30.2 (9.1-55.2)	1 (0-1)	1 (0-1)	3.9 (-3.8-12.6)	0 (0-0)	0 (0-0)	-4.6 (-37.8-27.3)	0 (0-0)	0 (0-0)	7.7 (-2.7-20.1)	0 (0-0)	1.8 (1.1-2.5)	0 (0-0)	2.6 (1.7-3.6)	98	99	10	9
Northumberland	0 (0-0)	0 (0-0)	0.8 (-10.2-16.9)	5 (4-7)	5 (3-6)	-7.6 (-16.4-9.2)	0 (0-0)	0 (0-0)	30.8 (12.6-53.5)	0 (0-1)	0 (0-0)	-8.9 (-18.6-4.1)	0 (0-0)	0 (0-0)	-8.5 (-36.9-32.9)	0 (0-0)	0 (0-0)	-11.3 (-24.8-4.3)	0 (0-0)	0.8 (0.4-1.2)	0 (0-0)	1 (0.6-1.6)	109	104	17	18
Redcar and Cleveland	0 (0-0)	0 (0-0)	-1.6 (-13.7-12.5)	2 (2-3)	2 (2-3)	-14 (-22--2)	0 (0-0)	0 (0-0)	73.5 (43.3-118)	0 (0-0)	0 (0-0)	-16.1 (-25.9--3)	0 (0-0)	0 (0-0)	-15.7 (-41-8.2)	0 (0-0)	0 (0-0)	-12.7 (-26.4-4.6)	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	1.2 (0.7-1.9)	101	94	18	16
South Tyneside	0 (0-0)	0 (0-0)	3.8 (-7.8-18.9)	3 (2-4)	2 (2-3)	-12.2 (-20.1-4.2)	0 (0-0)	0 (0-0)	13.3 (-5.3-36.4)	0 (0-0)	0 (0-0)	-14.6 (-24-0.3)	0 (0-0)	0 (0-0)	12 (-20.4-64.2)	0 (0-0)	0 (0-0)	-11.2 (-24.5-7.7)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	1 (0.6-1.5)	101	100	18	17
Stockton-on-Tees	0 (0-0)	0 (0-1)	13.1 (2.1-23)	6 (4-8)	6 (4-8)	1.1 (-8.4-10.3)	0 (0-0)	0 (0-0)	53.2 (25.1-80.3)	0 (0-1)	0 (0-1)	1.2 (-7.7-9.9)	0 (0-0)	0 (0-0)	8.5 (-23.9-43.7)	0 (0-0)	0 (0-0)	0.1 (-12.2-12.1)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1.2 (0.8-1.7)	104	100	15	14
Sunderland	0 (0-0)	0 (0-0)	-6.6 (-16.1-6.1)	5 (4-7)	4 (3-6)	-16.5 (-24.6--3.6)	0 (0-0)	0 (0-0)	31 (14-51.5)	0 (0-1)	0 (0-0)	-17.5 (-26--6.7)	0 (0-0)	0 (0-0)	-1.5 (-25.2-32)	0 (0-0)	0 (0-0)	-15.2 (-27.1--2.7)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1.1 (0.6-1.6)	103	100	18	16
North West England	17 (14-22)	22 (17-27)	24.1 (20.5-28.1)	281 (222-340)	314 (248-381)	11.5 (7.7-15.1)	1 (1-1)	1 (1-1)	10.3 (3.3-17.6)	20 (15-25)	22 (17-27)	11.3 (7.6-15.6)	0 (0-0)	0 (0-0)	26.9 (11.5-41.4)	7 (5-9)	8 (6-11)	15.1 (9.5-21.5)	0 (0-0)	1.3 (0.9-1.7)	0 (0-0)	1.5 (1.1-2)	88	73	13	12
Blackburn with Darwen	1 (0-1)	1 (0-1)	1.3 (-6.2-11.1)	8 (5-10)	8 (6-10)	2.6 (-3.7-10)	0 (0-0)	0 (0-0)	11.1 (-1.6-29.9)	1 (0-1)	1 (0-1)	1.2 (-6.5-9.4)	0 (0-0)	0 (0-0)	-5.1 (-25.5-23.2)	0 (0-0)	0 (0-0)	-5.9 (-15.4-5)	0 (0-0)	1.1 (0.8-1.6)	0 (0-0.1)	1.4 (1-2)	73	67	16	13
Blackpool	0 (0-0)	0 (0-1)	12.9 (4.7-20.2)	5 (3-6)	5 (3-6)	-0.5 (-7.8-5.3)	0 (0-0)	0 (0-0)	36.8 (18.3-64.8)	0 (0-1)	0 (0-1)	0.1 (-8-8.1)	0 (0-0)	0 (0-0)	28.3 (3.5-73.6)	0 (0-0)	0 (0-0)	2.3 (-8.1-13.4)	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1.3 (0.9-1.8)	88	77	14	14
Bolton	1 (1-1)	1 (1-2)	19.4 (10.3-29.7)	15 (11-20)	17 (12-22)	7.7 (-0.7-17.7)	0 (0-0)	0 (0-0)	11.5 (-4.7-32.9)	1 (1-1)	1 (1-2)	8.4 (0.1-17.6)	0 (0-0)	0 (0-0)	37.7 (1.6-77.1)	0 (0-1)	0 (0-1)	9.8 (-1.5-22.2)	0 (0-0)	1.7 (1.2-2.4)	0 (0-0)	1.8 (1.2-2.5)	100	91	12	11
Bury	0 (0-0)	0 (0-1)	12.8 (0.4-26.3)	5 (3-6)	5 (3-7)	2.5 (-7.5-10.8)	0 (0-0)	0 (0-0)	15 (1.5-32.1)	0 (0-1)	0 (0-1)	2.3 (-7.1-12.1)	0 (0-0)	0 (0-0)	58.8 (18.9-97)	0 (0-0)	0 (0-0)	3.8 (-9.1-18.7)	0 (0-0)	1.2 (0.8-1.7)	0 (0-0)	1 (0.7-1.5)	77	68	14	19
Cheshire East	0 (0-1)	1 (0-1)	9.9 (0.5-22.5)	8 (6-10)	8 (6-10)	-0.7 (-6.3-6.8)	0 (0-0)	0 (0-0)	20.1 (1.6-38)	1 (0-1)	1 (0-1)	-2.4 (-11.5-7.1)	0 (0-0)	0 (0-0)	47.1 (18.9-89)	0 (0-0)	0 (0-0)	-5.3 (-16.8-8.2)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1 (0.6-1.5)	96	86	16	18
Cheshire West and Chester	0 (0-1)	0 (0-1)	7.4 (-6.3-20.5)	5 (4-7)	5 (4-7)	-6.2 (-14.8-10.4)	0 (0-0)	0 (0-0)	19.2 (1.4-40.7)	0 (0-1)	0 (0-1)	-9.6 (-21.1-3.2)	0 (0-0)	0 (0-0)	59 (20-120)	0 (0-0)	0 (0-0)	-8.6 (-23.8-10.7)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.4)	102	95	18	20
Cumbria	1 (0-1)	1 (0-1)	1.7 (-6.5-13.1)	10 (8-14)	10 (7-13)	-7.5 (-15.3-0.8)	0 (0-0)	0 (0-0)	36.6 (18.7-55.5)	1 (1-1)	1 (1-1)	-8.9 (-16.7-0.6)	0 (0-0)	0 (0-0)	10.8 (-17-51.5)	0 (0-0)	0 (0-0)	-9.4 (-19.3-5)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1.1 (0.8-1.7)	106	96	16	16
Halton	0 (0-0)	0 (0-0)	3.9 (-5.4-19.7)	2 (2-3)	2 (2-3)	1.5 (-6.3-15.3)	0 (0-0)	0 (0-0)	23 (2.8-43.7)	0 (0-0)	0 (0-0)	0.6 (-10.8-15.3)	0 (0-0)	0 (0-0)	12.5 (-18.5-56.5)	0 (0-0)	0 (0-0)	-1.4 (-15.7-17.1)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1 (0.6-1.5)	104	98	22	20
Knowsley	0 (0-0)	0 (0-0)	6.4 (-6.7-27.2)	3 (2-4)	3 (2-3)	-11.3 (-19.5-6.3)	0 (0-0)	0 (0-0)	7 (-12.1-21.5)	0 (0-0)	0 (0-0)	-13 (-22.6-0.7)	0 (0-0)	0 (0-0)	-0.9 (-28.7-33.1)	0 (0-0)	0 (0-0)	-5.7 (-20-11.4)	0 (0-0)	0.8 (0.5-1.1)	0 (0-0)	0.8 (0.5-1.3)	100	94	20	22
Lancashire	2 (1-2)	2 (1-2)	2.6 (-7-15.9)	24 (19-32)	22 (16-28)	-11.8 (-20.1--3.9)	0 (0-0)	0 (0-0)	35.1 (20.5-53.7)	2 (1-3)	2 (1-2)	-10.3 (-19.1--1.1)	0 (0-0)	0 (0-0)	24.9 (-9.3-67.9)	1 (0-1)	1 (0-1)	-9 (-20.2-4.2)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.4)	96	83	18	20
Liverpool	2 (1-2)	2 (2-3)	25.1 (16.1-35.1)	31 (23-41)	32 (24-43)	3.1 (-3.1-11.1)	0 (0-0)	0 (0-0)	-8.6 (-19-3.5)	2 (1-3)	2 (2-3)	6.7 (-0.6-14.7)	0 (0-0)	0 (0-0)	41.3 (8.3-82.3)	1 (0-1)	1 (1-1)	15.2 (4.9-26.6)	0 (0-0)	1.8 (1.2-2.4)	0 (0-0)	1.8 (1.2-2.5)	73	68	11	12
Manchester	4 (3-5)	6 (5-8)	58.4 (47.7-69.5)	66 (52-82)	95 (76-118)	44.1 (34.8-53.6)	0 (0-0)	0 (0-0)	1.6 (-9.9-15)	4 (3-5)	6 (5-8)	48 (37.5-58.1)	0 (0-0)	0 (0-0)	14.6 (-10.6-42.8)	1 (1-2)	2 (2-3)	57.3 (40.9-73.8)	0 (0-0.1)	2.6 (1.9-3.6)	0 (0-0.1)	3.6 (2.6-5.1)	66	62	8	6

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Oldham	0 (0-1)	1 (0-1)	14.2 (5.7-22.3)	6 (4-8)	6 (5-8)	7.4 (0.9-15.5)	0 (0-0)	0 (0-0)	25 (11.2-39.7)	0 (0-1)	0 (0-1)	7 (-3.6-16.9)	0 (0-0)	0 (0-0)	32.9 (7.3-68.3)	0 (0-0)	0 (0-0)	5.4 (-9.7-19.5)	0 (0-0)	0.7 (0.5-1.1)	0 (0-0)	0.7 (0.4-1)	74	70	19	22
Rochdale	0 (0-0)	0 (0-1)	13.3 (5-25)	4 (3-5)	4 (3-5)	1.1 (-6.1-10.7)	0 (0-0)	0 (0-0)	38.7 (17.4-57.3)	0 (0-1)	0 (0-0)	-0.3 (-10.2-10.9)	0 (0-0)	0 (0-0)	62.8 (25.5-111)	0 (0-0)	0 (0-0)	0.3 (-11.7-16.1)	0 (0-0)	0.7 (0.4-1)	0 (0-0)	0.7 (0.4-1.1)	101	93	20	23
Salford	2 (1-2)	2 (2-3)	42.4 (27.4-52.6)	28 (22-35)	34 (27-43)	22.3 (11-31.3)	0 (0-0)	0 (0-0)	7.9 (-6.5-27)	2 (1-2)	2 (2-3)	24.9 (15.3-36.8)	0 (0-0)	0 (0-0)	127 (80.3-187)	1 (0-1)	1 (1-1)	40.1 (26.6-57)	0 (0-0)	2.9 (2-4)	0 (0-0)	3 (2.1-4.1)	85	69	8	7
Sefton	0 (0-0)	0 (0-0)	2.5 (-6.5-18)	5 (4-7)	4 (3-6)	-14.6 (-23.4-2.9)	0 (0-0)	0 (0-0)	11.1 (-4.8-30.2)	0 (0-1)	0 (0-0)	-16.7 (-25.6--3.9)	0 (0-0)	0 (0-0)	7.5 (-20.9-38.6)	0 (0-0)	0 (0-0)	-10.5 (-24.8-5.6)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.2)	85	77	18	22
St Helens	0 (0-0)	0 (0-0)	3.9 (-8.6-15.7)	3 (2-4)	3 (2-4)	-10.8 (-19--0.4)	0 (0-0)	0 (0-0)	35.5 (13.2-62.8)	0 (0-0)	0 (0-0)	-12.3 (-22.1--1.1)	0 (0-0)	0 (0-0)	2.7 (-28.9-44.7)	0 (0-0)	0 (0-0)	-8.3 (-22.9-7.6)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1 (0.6-1.5)	99	93	20	19
Stockport	0 (0-1)	1 (0-1)	9.6 (0.4-20.7)	8 (6-11)	8 (6-10)	-4.6 (-10.7-4.2)	0 (0-0)	0 (0-0)	3.2 (-13.7-21)	1 (0-1)	1 (0-1)	-3.8 (-10.9-5)	0 (0-0)	0 (0-0)	40.8 (14.1-76)	0 (0-0)	0 (0-0)	0.2 (-10.9-12.9)	0 (0-0)	1.1 (0.8-1.7)	0 (0-0)	1.1 (0.7-1.6)	88	76	13	17
Tameside	1 (1-1)	1 (1-1)	15.6 (7.2-25.2)	17 (12-22)	17 (12-22)	0.8 (-5.5-8.1)	0 (0-0)	0 (0-0)	43.1 (20.3-71.2)	1 (1-1)	1 (1-1)	3 (-3.8-10.2)	0 (0-0)	0 (0-0)	22.4 (-7.3-65)	0 (0-1)	0 (0-1)	7.8 (-1.3-18.1)	0 (0-0)	2.2 (1.5-3.1)	0 (0-0)	2.7 (1.8-3.7)	99	95	8	9
Trafford	0 (0-0)	0 (0-0)	13.2 (0.8-24.8)	4 (3-5)	4 (3-6)	16.1 (4.4-36.6)	0 (0-0)	0 (0-0)	-14.3 (-29.2-1.4)	0 (0-0)	0 (0-0)	17.3 (2.6-33)	0 (0-0)	0 (0-0)	8.7 (-14.3-42.2)	0 (0-0)	0 (0-0)	13.7 (-4.2-33.4)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	1.1 (0.7-1.7)	86	77	19	15
Warrington	0 (0-0)	0 (0-0)	3 (-6.4-15.7)	3 (3-5)	3 (3-5)	0.9 (-6.4-10.7)	0 (0-0)	0 (0-0)	3.7 (-10.9-21.5)	0 (0-0)	0 (0-0)	-1.6 (-11.5-10.8)	0 (0-0)	0 (0-0)	25.7 (-6.3-60.4)	0 (0-0)	0 (0-0)	-6.1 (-19.3-8.2)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	1 (0.6-1.5)	86	75	17	18
Wigan	1 (1-1)	1 (1-1)	7.9 (-1.7-17.3)	12 (9-16)	13 (9-17)	1.9 (-5.8-11.3)	0 (0-0)	0 (0-0)	41.2 (19.8-65.3)	1 (1-1)	1 (1-1)	2.3 (-5.5-11.1)	0 (0-0)	0 (0-0)	27.2 (-8.2-68.5)	0 (0-0)	0 (0-0)	0.2 (-11.1-14.4)	0 (0-0)	1.1 (0.8-1.6)	0 (0-0)	1.3 (0.8-1.8)	99	91	15	16
Wirral	1 (0-1)	1 (0-1)	-4.3 (-12.6-7.7)	9 (7-11)	7 (6-10)	-15.1 (-22.6--5.3)	0 (0-0)	0 (0-0)	12.3 (-1.7-25.6)	1 (0-1)	1 (0-1)	-13 (-21--4.4)	0 (0-0)	0 (0-0)	14 (-13.3-47)	0 (0-0)	0 (0-0)	-12.2 (-23.3--0.3)	0 (0-0)	0.9 (0.6-1.4)	0 (0-0)	0.9 (0.6-1.4)	82	70	17	20
South East England	16 (13-22)	19 (15-25)	16.9 (13.6-20.1)	278 (214-353)	306 (237-385)	9.9 (7.3-13)	1 (1-1)	1 (1-1)	16.5 (6.2-26.4)	18 (14-24)	20 (15-26)	10.2 (6.7-13.4)	0 (0-0)	0 (0-0)	16.5 (6.2-29.1)	6 (4-8)	7 (5-9)	9.9 (5.2-14.3)	0 (0-0)	1.3 (0.9-1.8)	0 (0-0)	1.5 (1-2)	86	79	14	12
Bracknell Forest	0 (0-0)	0 (0-0)	-1.7 (-15.4-12.2)	2 (2-3)	2 (2-3)	-1.7 (-12-20.2)	0 (0-0)	0 (0-0)	-14.3 (-29.9-1)	0 (0-0)	0 (0-0)	-2.2 (-15.4-14.7)	0 (0-0)	0 (0-0)	-54.2 (-66.5--40.8)	0 (0-0)	0 (0-0)	-8.3 (-23.4-10.1)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1.8 (1-2.8)	76	74	19	12
Brighton and Hove	0 (0-1)	1 (0-1)	12.7 (4.5-23.8)	7 (5-10)	8 (6-12)	18 (11.2-25.3)	0 (0-0)	0 (0-0)	-2.4 (-18.7-15.3)	0 (0-1)	1 (0-1)	15.5 (6.2-25.8)	0 (0-0)	0 (0-0)	-26.9 (-45.8--1.6)	0 (0-0)	0 (0-0)	5.7 (-6.7-20.4)	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	1.7 (1.1-2.5)	90	79	18	11
Buckinghamshire	1 (1-2)	1 (1-2)	9.4 (0.5-17.6)	23 (16-31)	24 (16-32)	3.5 (-3.9-10.2)	0 (0-0)	0 (0-0)	4.8 (-14.2-24.3)	1 (1-2)	1 (1-2)	4.4 (-2.6-12.3)	0 (0-0)	0 (0-0)	28.4 (1-55.2)	0 (0-1)	0 (0-1)	0.4 (-9.7-11.2)	0 (0-0)	1.5 (1-2.2)	0 (0-0)	1.4 (0.9-2)	94	84	13	13
East Sussex	1 (0-1)	1 (0-1)	14.4 (0.3-30.8)	8 (6-10)	8 (6-11)	3.5 (-8.6-18.7)	0 (0-0)	0 (0-0)	17.2 (-0.7-35.6)	1 (0-1)	1 (0-1)	-1 (-13-13.4)	0 (0-0)	0 (0-0)	-0.7 (-26.3-32.3)	0 (0-0)	0 (0-0)	-4.7 (-19.9-12.8)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	1 (0.6-1.6)	91	78	18	17
Hampshire	2 (2-3)	3 (2-3)	9.7 (2.1-19.5)	43 (33-54)	44 (34-56)	1.5 (-5-9.4)	0 (0-0)	0 (0-0)	25.7 (10.4-45.8)	3 (2-4)	3 (2-4)	1.8 (-6.5-10.3)	0 (0-0)	0 (0-0)	34.3 (3.2-80.8)	1 (1-1)	1 (1-1)	-2.6 (-15.2-9.4)	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1.1 (0.8-1.7)	98	88	14	14
Isle of Wight	0 (0-0)	0 (0-0)	19.4 (6.1-38.9)	2 (1-3)	2 (2-3)	-1.1 (-10.5-15.5)	0 (0-0)	0 (0-0)	39.7 (15.4-63.1)	0 (0-0)	0 (0-0)	-4.6 (-14.8-9.7)	0 (0-0)	0 (0-0)	-16 (-39.8-18.7)	0 (0-0)	0 (0-0)	-2.7 (-17.6-16.7)	0 (0-0)	1.1 (0.6-1.6)	0 (0-0)	1.4 (0.9-2.3)	102	97	17	12
Kent	3 (2-4)	4 (3-5)	16.8 (6.8-28.8)	55 (40-72)	58 (44-74)	4.5 (-4.3-16.1)	0 (0-0)	0 (0-0)	39.6 (18.9-56.9)	4 (3-5)	4 (3-5)	5.7 (-4.2-15.9)	0 (0-0)	0 (0-0)	40.6 (8.3-85.8)	1 (1-2)	1 (1-2)	5.9 (-7.2-19.4)	0 (0-0)	1.6 (1-2.2)	0 (0-0)	1.4 (1-2)	86	77	13	13
Medway	1 (1-1)	1 (1-1)	22.4 (11.8-33.9)	12 (9-16)	12 (9-16)	5.6 (-4.4-13.1)	0 (0-0)	0 (0-0)	14.1 (-2.5-31.3)	1 (1-1)	1 (1-1)	7.1 (-1.3-15.6)	0 (0-0)	0 (0-0)	5 (-22.6-37.4)	0 (0-0)	0 (0-0)	9.3 (-2.2-21.9)	0 (0-0)	1.3 (0.9-1.7)	0 (0-0)	1.7 (1.1-2.4)	91	77	15	14
Milton Keynes	1 (1-2)	2 (2-2)	27.6 (19.1-37.7)	27 (21-34)	34 (26-45)	26.9 (17.9-38.1)	0 (0-0)	0 (0-0)	17.9 (2.1-36.5)	2 (1-2)	2 (2-3)	27.4 (18.3-35.8)	0 (0-0)	0 (0-0)	1.8 (-27.1-31.9)	1 (0-1)	1 (1-1)	33.7 (21.1-48.8)	0 (0-0)	2.5 (1.9-3.5)	0 (0-0)	3.6 (2.4-4.8)	80	75	8	6
Oxfordshire	1 (1-2)	2 (1-2)	13.6 (6.8-22.1)	24 (17-31)	26 (19-35)	8.8 (2.2-15.9)	0 (0-0)	0 (0-0)	3.3 (-11-21.9)	2 (1-2)	2 (1-2)	8.7 (1.7-16)	0 (0-0)	0 (0-0)	-0.2 (-18.8-32.2)	0 (0-1)	1 (0-1)	7.3 (-3.5-19.2)	0 (0-0)	1.4 (1-2.1)	0 (0-0)	1.9 (1.3-2.7)	80	76	14	12
Portsmouth	0 (0-0)	0 (0-0)	27.4 (16.2-41.5)	3 (2-5)	4 (3-5)	20.9 (10.9-36.5)	0 (0-0)	0 (0-0)	7.3 (-9.8-24.7)	0 (0-0)	0 (0-0)	20.9 (9.1-36)	0 (0-0)	0 (0-0)	-6.4 (-25.3-24.3)	0 (0-0)	0 (0-0)	21.9 (5.7-42.7)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1.4 (0.8-2.1)	103	91	19	14
Reading	0 (0-0)	0 (0-0)	30 (15.2-50.8)	3 (2-4)	3 (2-5)	26.8 (15.6-43.9)	0 (0-0)	0 (0-0)	9.4 (-6-25)	0 (0-0)	0 (0-0)	32 (16.6-58.1)	0 (0-0)	0 (0-0)	9.6 (-17-39.1)	0 (0-0)	0 (0-0)	36.5 (15.6-69.6)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.9 (0.5-1.4)	74	72	25	18
Slough	1 (0-1)	1 (1-1)	40 (31.3-50)	9 (6-12)	14 (9-18)	48.3 (38.1-64.8)	0 (0-0)	0 (0-0)	-7 (-17.6-3.4)	1 (0-1)	1 (1-1)	48.8 (39.2-59.8)	0 (0-0)	0 (0-0)	49.2 (19.9-93.3)	0 (0-0)	0 (0-1)	57 (44.7-71.7)	0.1 (0.1-0.1)	1.9 (1.2-2.8)	0.1 (0.1-0.1)	2 (1.4-2.9)	64	61	11	10
Southampton	1 (0-1)	1 (0-1)	37.2 (26.6-48.5)	8 (6-11)	9 (7-13)	16.8 (6.7-26.3)	0 (0-0)	0 (0-0)	4.7 (-8.8-19.9)	1 (0-1)	1 (0-1)	22 (12.6-33)	0 (0-0)	0 (0-0)	8.8 (-20.4-58)	0 (0-0)	0 (0-0)	34.8 (19.6-51.8)	0 (0-0)	1.3 (0.8-1.9)	0 (0-0)	1.8 (1.1-2.6)	88	78	14	12
Surrey	2 (1-2)	2 (2-3)	13.8 (4.3-24.2)	30 (23-38)	33 (26-41)	11.3 (3.1-19.1)	0 (0-0)	0 (0-0)	9.9 (-4.1-25.7)	2 (1-3)	2 (2-3)	11.4 (2-21.2)	0 (0-0)	0 (0-0)	22.3 (-5.2-48.9)	1 (0-1)	1 (0-1)	8.4 (-5.2-21.9)	0 (0-0)	1.3 (0.8-1.8)	0 (0-0)	1.4 (0.9-2)	91	78	14	14
West Berkshire	0 (0-0)	0 (0-0)	1.6 (-8.9-18.7)	3 (2-3)	3 (2-4)	2.9 (-6-16.9)	0 (0-0)	0 (0-0)	18.4 (0.6-38.6)	0 (0-0)	0 (0-0)	3.9 (-7.1-17.8)	0 (0-0)	0 (0-0)	23.2 (-10-67)	0 (0-0)	0 (0-0)	-2 (-17.5-14.4)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	1.1 (0.6-1.6)	102	98	18	18
West Sussex	1 (1-1)	1 (1-2)	17.2 (4.8-29.2)	15 (11-20)	17 (12-22)	9.4 (2.3-20.1)	0 (0-0)	0 (0-0)	29 (14.7-49.9)	1 (1-2)	1 (1-2)	7.4 (-4.6-20.7)	0 (0-0)	0 (0-0)	13.5 (-10.7-38.7)	0 (0-1)	0 (0-1)	5.2 (-10-22.7)	0 (0-0)	1 (0.7-1.6)	0 (0-0)	1 (0.7-1.5)	77	71	17	17

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Windsor and Maidenhead	0 (0-0)	0 (0-0)	7.4 (-4.8-23.3)	2 (2-3)	3 (2-4)	11.8 (1.6-28.4)	0 (0-0)	0 (0-0)	0.2 (-14-15.1)	0 (0-0)	0 (0-0)	11.2 (-1.6-28.7)	0 (0-0)	0 (0-0)	-1.5 (-26.3-27.7)	0 (0-0)	0 (0-0)	2.5 (-13.3-19.7)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	1.2 (0.7-1.8)	78	72	21	17
Wokingham	0 (0-0)	0 (0-0)	-5.9 (-18.1-7.2)	3 (2-4)	3 (2-4)	-4.3 (-12.8-7.2)	0 (0-0)	0 (0-0)	33.7 (13.8-54.1)	0 (0-0)	0 (0-0)	-2.5 (-12.9-10.3)	0 (0-0)	0 (0-0)	19.1 (-10-61)	0 (0-0)	0 (0-0)	-9.2 (-22.7-4.3)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1 (0.6-1.5)	81	73	16	17
South West England	8 (6-10)	9 (7-12)	20.2 (16.2-26.8)	131 (104-165)	141 (111-177)	7.1 (3.5-14.7)	0 (0-0)	1 (0-1)	21.2 (11.1-31.9)	9 (7-12)	10 (7-13)	5.8 (1.8-11.7)	0 (0-0)	0 (0-0)	-4.4 (-20.6-12.3)	3 (2-4)	3 (2-5)	8 (2.6-14.2)	0 (0-0)	1.1 (0.7-1.5)	0 (0-0)	1.5 (1-2)	93	88	17	12
Bath and North East Somerset	0 (0-0)	0 (0-1)	17.2 (5.9-24.3)	7 (5-9)	7 (5-9)	2.3 (-5.5-10.2)	0 (0-0)	0 (0-0)	-15.2 (-28.6--0.3)	0 (0-1)	0 (0-1)	2.3 (-6.7-10.1)	0 (0-0)	0 (0-0)	-12.7 (-34.4-6.9)	0 (0-0)	0 (0-0)	3 (-9.8-14.1)	0 (0-0)	1.8 (1.1-2.5)	0 (0-0)	2.4 (1.5-3.3)	84	77	12	12
Boumemouth	1 (0-1)	1 (0-1)	19.3 (5.3-34.9)	11 (8-14)	11 (8-14)	-1.8 (-13.1-8.9)	0 (0-0)	0 (0-0)	4.7 (-14-29.6)	1 (0-1)	1 (0-1)	-1.8 (-14.4-12.1)	0 (0-0)	0 (0-0)	-56.6 (-70--36.8)	0 (0-0)	0 (0-0)	9.6 (-7.4-28.6)	0 (0-0)	1.8 (1.2-2.5)	0 (0-0)	5.7 (3.5-8.3)	102	92	11	5
Bristol, City of	2 (2-2)	3 (2-3)	28.9 (19.7-39.6)	36 (28-46)	41 (32-52)	13.6 (5.1-24.2)	0 (0-0)	0 (0-0)	16.7 (2.3-31.4)	2 (2-3)	2 (2-3)	14.3 (5.6-22.7)	0 (0-0)	0 (0-0)	3.8 (-19.9-34.2)	1 (0-1)	1 (1-1)	21.5 (8.5-34.8)	0 (0-0)	2.3 (1.6-3)	0 (0-0)	3.6 (2.4-4.7)	78	68	8	7
Comwall	1 (0-1)	1 (0-1)	21.2 (3.5-45.3)	8 (6-10)	8 (6-11)	5.3 (-5.8-23.8)	0 (0-0)	0 (0-0)	49.9 (26.3-78.1)	1 (0-1)	1 (0-1)	1.6 (-10.9-18.4)	0 (0-0)	0 (0-0)	16.3 (-10.9-46.6)	0 (0-0)	0 (0-0)	0.9 (-16.2-22.3)	0 (0-0)	0.8 (0.5-1.4)	0 (0-0)	0.9 (0.6-1.4)	106	103	17	17
Devon	1 (0-1)	1 (1-1)	16 (1.4-37.9)	11 (8-14)	11 (8-15)	2.9 (-8.7-23.2)	0 (0-0)	0 (0-0)	34.3 (9.9-54.9)	1 (1-1)	1 (1-1)	0.4 (-10.8-18)	0 (0-0)	0 (0-0)	5.7 (-21.6-49.6)	0 (0-0)	0 (0-0)	2 (-14.2-21.6)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	1 (0.6-1.4)	93	88	17	16
Dorset	0 (0-0)	0 (0-1)	9.6 (-5.2-23.6)	6 (4-8)	6 (4-8)	-1.3 (-11.2-17.2)	0 (0-0)	0 (0-0)	16 (-3.1-42.7)	0 (0-1)	0 (0-1)	-3.8 (-15.3-11.3)	0 (0-0)	0 (0-0)	-0.2 (-22.8-35.1)	0 (0-0)	0 (0-0)	-4 (-18.1-16.3)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	1.2 (0.8-1.9)	104	99	18	13
Gloucestershire	1 (1-1)	1 (1-1)	16.5 (4-29.6)	15 (11-20)	16 (12-21)	3.9 (-5.1-12.3)	0 (0-0)	0 (0-0)	29.9 (9.4-51.5)	1 (1-1)	1 (1-1)	3.1 (-6.8-13.3)	0 (0-0)	0 (0-0)	-2.9 (-24.9-29.5)	0 (0-0)	0 (0-1)	1.9 (-12.5-16)	0 (0-0)	1 (0.7-1.4)	0 (0-0)	1.2 (0.8-1.7)	81	75	17	15
North Somerset	0 (0-0)	0 (0-0)	21.2 (8.7-33.9)	3 (2-4)	3 (2-5)	8.6 (0.6-20.5)	0 (0-0)	0 (0-0)	18.5 (1.3-44.4)	0 (0-0)	0 (0-0)	8.1 (-3.9-20.5)	0 (0-0)	0 (0-0)	-3.6 (-26.8-29.1)	0 (0-0)	0 (0-0)	6.5 (-8.9-23.3)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	1.2 (0.7-1.9)	102	93	19	15
Plymouth	0 (0-0)	0 (0-1)	22.9 (4.6-45.4)	4 (3-6)	5 (3-6)	9.8 (-1.1-28.5)	0 (0-0)	0 (0-0)	33.6 (15.3-62.3)	0 (0-0)	0 (0-0)	7.1 (-4.8-22.8)	0 (0-0)	0 (0-0)	1.1 (-24.1-37.3)	0 (0-0)	0 (0-0)	13.3 (-2.9-33.8)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1.2 (0.7-1.7)	103	96	20	15
Poole	0 (0-0)	0 (0-0)	13.9 (3.4-29.5)	2 (2-3)	2 (2-3)	10.5 (2.5-28.3)	0 (0-0)	0 (0-0)	-5 (-23.8-19.7)	0 (0-0)	0 (0-0)	8.9 (-2-24.7)	0 (0-0)	0 (0-0)	-76.9 (-83.3--67.3)	0 (0-0)	0 (0-0)	8 (-7.5-29.1)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	3.4 (1.8-5)	79	77	21	9
Somerset	1 (0-1)	1 (0-1)	17.8 (1.8-39.5)	8 (6-11)	8 (6-11)	4.1 (-6.2-24.8)	0 (0-0)	0 (0-0)	23.3 (5.8-44.6)	1 (0-1)	1 (0-1)	1.6 (-10.4-19.6)	0 (0-0)	0 (0-0)	6.2 (-30.2-45.5)	0 (0-0)	0 (0-0)	1.9 (-14.4-24.3)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.9 (0.6-1.4)	93	88	17	18
South Gloucestershire	1 (0-1)	1 (0-1)	15.9 (5.9-26.2)	8 (6-11)	9 (6-12)	6.6 (-1.5-15.2)	0 (0-0)	0 (0-0)	1.7 (-12.5-18.5)	1 (0-1)	1 (0-1)	5.7 (-3.5-14.5)	0 (0-0)	0 (0-0)	28.6 (-1.9-59.2)	0 (0-0)	0 (0-0)	7.8 (-5.3-20.8)	0 (0-0)	1.4 (0.9-1.9)	0 (0-0)	1.7 (1.1-2.4)	101	92	13	12
Swindon	0 (0-0)	0 (0-0)	33.2 (22.3-52.2)	3 (2-5)	4 (3-6)	29 (17.9-41.3)	0 (0-0)	0 (0-0)	25.9 (8.3-51.8)	0 (0-0)	0 (0-0)	27.3 (15.3-44.4)	0 (0-0)	0 (0-0)	9.3 (-18.8-49.6)	0 (0-0)	0 (0-0)	24.8 (9.2-48.7)	0 (0-0)	0.8 (0.5-1.1)	0 (0-0)	1.3 (0.7-1.9)	106	97	18	14
Torbay	0 (0-0)	0 (0-0)	17.5 (4.2-33.4)	2 (1-3)	2 (2-3)	-0.7 (-11.2-16.5)	0 (0-0)	0 (0-0)	30 (11.2-51.4)	0 (0-0)	0 (0-0)	-1.2 (-12.8-14.4)	0 (0-0)	0 (0-0)	-0.2 (-25.9-47.2)	0 (0-0)	0 (0-0)	5.1 (-11.7-24.8)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	1.4 (0.8-2)	103	99	20	15
Wiltshire	1 (0-1)	1 (0-1)	9 (-2.9-29)	7 (5-10)	8 (6-11)	7.1 (-2.8-30)	0 (0-0)	0 (0-0)	28 (6.9-46.2)	1 (0-1)	1 (0-1)	4.7 (-7.5-22.7)	0 (0-0)	0 (0-0)	49.2 (9.8-97.7)	0 (0-0)	0 (0-0)	-3.3 (-16.7-15)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.8 (0.5-1.3)	108	99	18	21
West Midlands	15 (12-18)	18 (14-22)	19.8 (15.8-24.7)	234 (185-287)	261 (209-319)	11.3 (7.9-16.5)	2 (2-2)	2 (2-2)	11.4 (4.1-20.3)	16 (12-20)	18 (14-22)	11.2 (7.2-15.4)	0 (0-0)	0 (0-0)	10.8 (-0.6-24.6)	6 (4-8)	6 (5-9)	11.6 (6.1-17.4)	0 (0-0)	1.2 (0.9-1.6)	0 (0-0)	1.2 (0.9-1.7)	75	68	14	14
Birmingham	6 (5-7)	8 (6-10)	30.5 (22.1-42.5)	96 (76-120)	121 (97-154)	25.8 (19.2-39.8)	1 (1-1)	1 (1-1)	11.5 (1-25.3)	6 (5-7)	8 (6-9)	26.3 (18.1-36.2)	0 (0-0)	0 (0-0)	4.8 (-13-25)	2 (2-3)	3 (2-4)	24.5 (12.8-38)	0 (0-0.1)	1.5 (1.1-2)	0 (0-0)	1.8 (1.3-2.4)	66	57	13	10
Coventry	1 (1-2)	2 (1-2)	31.1 (23.4-41.4)	20 (14-27)	22 (16-30)	11.4 (2.3-18.7)	0 (0-0)	0 (0-0)	12.8 (-0.3-26.8)	1 (1-2)	2 (1-2)	14.2 (6.6-22)	0 (0-0)	0 (0-0)	20.7 (0.4-46.8)	0 (0-1)	1 (0-1)	22.2 (11.3-34.3)	0 (0-0)	1.5 (1.1-2.2)	0 (0-0)	2.1 (1.3-3)	73	71	13	10
Dudley	1 (1-1)	1 (1-1)	-7.3 (-16.5-5)	16 (12-22)	14 (10-18)	-16.5 (-24.6--6.2)	0 (0-0)	0 (0-0)	15.3 (-1.3-35.1)	1 (1-1)	1 (1-1)	-13.5 (-21.8--4.8)	0 (0-0)	0 (0-0)	25.6 (-1.3-53)	0 (0-0)	0 (0-0)	-11.4 (-21.8-1)	0 (0-0)	1.4 (1-1.9)	0 (0-0)	1.4 (0.9-1.9)	82	72	14	14
Herefordshire, County of	0 (0-0)	0 (0-0)	11.2 (1.2-27.1)	3 (2-4)	3 (2-4)	-2 (-10.8-12.6)	0 (0-0)	0 (0-0)	72.3 (47.9-113)	0 (0-0)	0 (0-0)	-6.1 (-17.3-8.1)	0 (0-0)	0 (0-0)	47.6 (3.3-88.5)	0 (0-0)	0 (0-0)	-8 (-21.8-10.2)	0 (0-0)	1.1 (0.6-1.8)	0 (0-0)	0.9 (0.5-1.4)	102	95	16	22
Sandwell	2 (1-2)	2 (1-2)	11.2 (4.1-21.1)	24 (18-32)	26 (19-34)	7.1 (0.7-14.9)	0 (0-0)	0 (0-0)	5.3 (-5.5-16.3)	2 (1-2)	2 (1-2)	7.1 (0.1-15.5)	0 (0-0)	0 (0-0)	9.3 (-6-29.5)	1 (0-1)	1 (0-1)	6 (-2.8-16.5)	0 (0-0.1)	1.8 (1.2-2.4)	0 (0-0.1)	1.6 (1.1-2.3)	64	58	11	12
Shropshire	0 (0-0)	0 (0-0)	8.9 (-2-22.2)	5 (3-6)	5 (3-6)	1.8 (-7-19.4)	0 (0-0)	0 (0-0)	35.5 (16.8-57.7)	0 (0-1)	0 (0-1)	-1.6 (-11.1-11)	0 (0-0)	0 (0-0)	28.2 (-1-64.9)	0 (0-0)	0 (0-0)	-5.7 (-19.3-11.5)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.6-1.5)	104	96	20	19
Solihull	0 (0-0)	0 (0-1)	20.6 (11.4-35.7)	7 (5-9)	7 (5-9)	1.4 (-7.4-10.9)	0 (0-0)	0 (0-0)	11.3 (-3.7-29.9)	0 (0-1)	0 (0-1)	1.5 (-7.6-11.9)	0 (0-0)	0 (0-0)	21.3 (-6.9-68.9)	0 (0-0)	0 (0-0)	3.8 (-8.3-19)	0 (0-0)	1.2 (0.8-1.8)	0 (0-0)	1 (0.6-1.5)	86	79	14	17
Staffordshire	1 (1-1)	1 (1-1)	1.9 (-6.4-16.1)	17 (13-23)	16 (12-20)	-10.4 (-18.1-4.9)	0 (0-0)	0 (0-0)	13.4 (-3.2-32.5)	1 (1-2)	1 (1-2)	-9.1 (-18.9-4.4)	0 (0-0)	0 (0-0)	35.6 (12.6-59)	0 (0-1)	0 (0-1)	-9.7 (-23.9-8)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.6 (0.4-1)	85	75	17	23
Stoke-on-Trent	0 (0-0)	0 (0-1)	15.7 (2.1-34.4)	4 (3-6)	5 (3-6)	9.1 (-0.4-25.7)	0 (0-0)	0 (0-0)	53.6 (27.2-78.4)	0 (0-1)	0 (0-1)	10.8 (-1.3-27.9)	0 (0-0)	0 (0-0)	71.3 (25-132)	0 (0-0)	0 (0-0)	12 (-3.4-35.2)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.7)	104	102	21	26
Telford and Wrekin	1 (1-1)	1 (1-1)	9 (-2-19.2)	11 (9-15)	11 (9-15)	-1.3 (-11.4-9.4)	0 (0-0)	0 (0-0)	32.6 (12.4-55.1)	1 (1-1)	1 (1-1)	-0.9 (-9.4-8.4)	0 (0-0)	0 (0-0)	20.5 (-9.2-56)	0 (0-0)	0 (0-0)	-0.2 (-11.9-13.6)	0 (0-0)	2.2 (1.5-3)	0 (0-0)	2.5 (1.7-3.6)	97	91	9	8

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Walsall	0 (0-1)	0 (0-1)	21.5 (10.6-37.4)	5 (4-6)	5 (4-7)	12.2 (2.8-30.7)	0 (0-0)	0 (0-0)	-0.7 (-14.3-14)	0 (0-1)	0 (0-1)	11.4 (-1.5-27.2)	0 (0-0)	0 (0-0)	27.2 (3.4-49.2)	0 (0-0)	0 (0-0)	11.8 (-6-31.8)	0 (0-0)	0.7 (0.4-1)	0 (0-0)	0.6 (0.4-1)	81	74	20	25
Warwickshire	1 (0-1)	1 (0-1)	17.6 (6.8-34.4)	8 (6-11)	9 (7-12)	7.3 (-3.3-26)	0 (0-0)	0 (0-0)	43.9 (22.1-70.3)	1 (0-1)	1 (1-1)	5.9 (-4.7-23.1)	0 (0-0)	0 (0-0)	61.5 (24.6-109)	0 (0-0)	0 (0-0)	5.1 (-8.7-25.7)	0 (0-0)	0.8 (0.4-1.3)	0 (0-0)	0.7 (0.4-1)	93	82	18	23
Wolverhampton	1 (0-1)	1 (1-1)	20.8 (11.8-29)	8 (6-11)	9 (7-12)	11.6 (4.7-19.7)	0 (0-0)	0 (0-0)	-6.4 (-15.2-6.4)	1 (0-1)	1 (0-1)	12.5 (3.5-22.5)	0 (0-0)	0 (0-0)	-11.5 (-28.5-6)	0 (0-0)	0 (0-0)	16.9 (4-31.6)	0.1 (0-0.1)	0.8 (0.6-1.1)	0.1 (0-0.1)	1 (0.7-1.5)	63	58	16	17
Worcestershire	1 (0-1)	1 (0-1)	6.6 (-3.5-25.4)	9 (7-12)	9 (6-12)	-2.5 (-11.6-13.7)	0 (0-0)	0 (0-0)	49.2 (29.6-73.4)	1 (1-1)	1 (0-1)	-4 (-14.6-12.6)	0 (0-0)	0 (0-0)	20 (-4.6-54.2)	0 (0-0)	0 (0-0)	-5.6 (-19.9-16)	0 (0-0)	0.7 (0.5-1.2)	0 (0-0)	0.7 (0.5-1.2)	96	84	20	22
Yorkshire and the Humber	9 (7-12)	11 (8-14)	19.8 (14.9-24.7)	136 (106-174)	150 (115-193)	9.4 (5.8-14.3)	1 (1-1)	1 (1-1)	24.4 (14.4-33.2)	10 (8-13)	11 (8-14)	8.1 (4.1-12.3)	0 (0-0)	0 (0-0)	3.7 (-7.6-15.8)	4 (2-5)	4 (3-6)	9.5 (4.2-15)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	1.1 (0.8-1.6)	90	77	17	17
Bamsley	0 (0-0)	0 (0-0)	19.1 (8.2-34.3)	4 (3-5)	4 (3-6)	5.6 (-2.1-16.5)	0 (0-0)	0 (0-0)	55.4 (31.2-81.6)	0 (0-0)	0 (0-0)	3.7 (-6.8-16)	0 (0-0)	0 (0-0)	23 (-7.5-59.2)	0 (0-0)	0 (0-0)	3.7 (-11.6-19.8)	0 (0-0)	0.7 (0.5-1.1)	0 (0-0)	0.9 (0.5-1.3)	102	95	20	20
Bradford	1 (1-2)	2 (1-2)	14.3 (3.9-27.2)	18 (13-22)	22 (16-28)	22.7 (11.1-36.1)	0 (0-0)	0 (0-0)	49.1 (28.4-72.2)	1 (1-2)	2 (1-2)	20.5 (10-32.1)	0 (0-0)	0 (0-0)	6.3 (-18.3-41.4)	1 (0-1)	1 (0-1)	14.2 (0.8-29.8)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	1 (0.7-1.5)	84	71	20	18
Calderdale	0 (0-0)	0 (0-0)	10.9 (-2.2-23.8)	3 (3-5)	4 (3-5)	3.3 (-6.3-17.4)	0 (0-0)	0 (0-0)	37.1 (16.2-65.6)	0 (0-0)	0 (0-0)	0.9 (-11.2-13.6)	0 (0-0)	0 (0-0)	5.1 (-23.9-38)	0 (0-0)	0 (0-0)	-2.8 (-17.7-13.3)	0 (0-0)	0.6 (0.4-1)	0 (0-0)	1 (0.6-1.5)	101	93	21	17
Doncaster	0 (0-1)	0 (0-1)	10.7 (-1.6-24.2)	5 (4-7)	5 (4-7)	3.6 (-5.8-23.5)	0 (0-0)	0 (0-0)	49.5 (27.8-74.8)	0 (0-1)	0 (0-1)	1.6 (-9-15.9)	0 (0-0)	0 (0-0)	29 (-3-70.1)	0 (0-0)	0 (0-0)	0.8 (-12.9-17.9)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.8 (0.5-1.1)	103	98	20	21
East Riding of Yorkshire	0 (0-0)	0 (0-0)	5.9 (-8.2-18.9)	5 (4-7)	5 (4-7)	-4.3 (-13.1-12.5)	0 (0-0)	0 (0-0)	14.5 (-5.4-42.2)	0 (0-1)	0 (0-1)	-6.7 (-17.9-5.3)	0 (0-0)	0 (0-0)	-6.8 (-30.6-23.2)	0 (0-0)	0 (0-0)	-8.6 (-23.4-5.8)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	1.1 (0.6-1.7)	107	102	19	18
Kingston upon Hull, City of	1 (0-1)	1 (1-1)	16.7 (7.7-24.6)	12 (8-16)	12 (8-18)	4.4 (-4.4-11.2)	0 (0-0)	0 (0-0)	12.6 (-8.8-30.9)	1 (1-1)	1 (1-1)	6.1 (-1.1-13.1)	0 (0-0)	0 (0-0)	1.4 (-24.2-29)	0 (0-0)	0 (0-0)	13.5 (3.4-23.2)	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1.8 (1.1-2.6)	86	76	15	12
Kirklees	1 (0-1)	1 (0-1)	8.8 (-1.5-25.7)	7 (5-9)	8 (6-10)	8.4 (-1.6-25.9)	0 (0-0)	0 (0-0)	23.2 (5.5-44.3)	1 (0-1)	1 (0-1)	5.7 (-6.8-22.5)	0 (0-0)	0 (0-0)	16.6 (-5.8-47)	0 (0-0)	0 (0-0)	-0.3 (-15.7-18.1)	0 (0-0)	0.6 (0.4-1)	0 (0-0)	0.8 (0.5-1.1)	84	71	20	20
Leeds	2 (2-3)	3 (2-4)	36.1 (27.4-46)	38 (27-49)	42 (30-54)	10.7 (2.1-20.4)	0 (0-0)	0 (0-0)	20.4 (4.4-34.6)	2 (2-3)	3 (2-3)	12.8 (5.5-20.4)	0 (0-0)	0 (0-0)	2.9 (-17.1-25.9)	1 (1-1)	1 (1-1)	25 (14-37.5)	0 (0-0)	1.3 (0.9-1.7)	0 (0-0)	1.7 (1.2-2.5)	78	69	13	11
North East Lincolnshire	0 (0-0)	0 (0-0)	9.4 (-3.5-26.9)	3 (2-4)	3 (2-4)	-5.4 (-14.4-10.1)	0 (0-0)	0 (0-0)	20.5 (3.1-38.6)	0 (0-0)	0 (0-0)	-8.3 (-18.8-6.3)	0 (0-0)	0 (0-0)	8.8 (-16.2-43.9)	0 (0-0)	0 (0-0)	-6.2 (-21-11)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	1 (0.6-1.5)	100	95	19	19
North Lincolnshire	0 (0-0)	0 (0-0)	19.7 (8.7-33.6)	3 (2-4)	3 (2-4)	10.7 (3-23.1)	0 (0-0)	0 (0-0)	6.9 (-11.5-24)	0 (0-0)	0 (0-0)	9.3 (-1.2-21.9)	0 (0-0)	0 (0-0)	0.5 (-25.5-34.4)	0 (0-0)	0 (0-0)	8.2 (-5.8-25.3)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1.2 (0.7-1.9)	105	97	21	16
North Yorkshire	1 (0-1)	1 (0-1)	6.3 (-8.9-25.8)	9 (7-12)	9 (7-12)	-1.6 (-10.9-20.6)	0 (0-0)	0 (0-0)	18.2 (-1.9-41.3)	1 (1-1)	1 (0-1)	-3.5 (-15.5-11.5)	0 (0-0)	0 (0-0)	-9.4 (-30.1-27.5)	0 (0-0)	0 (0-0)	-5 (-21.2-13)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	1.1 (0.7-1.8)	94	85	18	15
Rotherham	0 (0-0)	0 (0-1)	12.2 (0.6-26.9)	4 (3-6)	4 (3-6)	-0.1 (-9.5-17)	0 (0-0)	0 (0-0)	24.4 (4.5-47)	0 (0-1)	0 (0-1)	-2.4 (-12.6-10.6)	0 (0-0)	0 (0-0)	-25.6 (-43.1--1.2)	0 (0-0)	0 (0-0)	-2.9 (-17.7-14.3)	0 (0-0)	0.7 (0.4-1)	0 (0-0)	1 (0.6-1.4)	88	80	21	18
Sheffield	1 (1-1)	1 (1-2)	27.7 (17.2-38.5)	18 (13-24)	21 (15-29)	17.5 (7.4-30.1)	0 (0-0)	0 (0-0)	12.4 (-1.2-28.7)	1 (1-2)	1 (1-2)	15.9 (6.3-26.1)	0 (0-0)	0 (0-0)	-5.7 (-24.8-19.2)	0 (0-1)	0 (0-1)	16.2 (1.9-31.4)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	1.4 (0.9-2)	77	69	17	16
Wakefield	0 (0-1)	0 (0-1)	13.9 (1.1-29.7)	6 (4-7)	6 (4-8)	-0.2 (-8.7-19.2)	0 (0-0)	0 (0-0)	31.1 (14.4-49.6)	0 (0-1)	0 (0-1)	-1.4 (-13.4-10.9)	0 (0-0)	0 (0-0)	27.7 (-3.8-58.5)	0 (0-0)	0 (0-0)	0.6 (-14.6-18.6)	0 (0-0)	0.7 (0.4-1)	0 (0-0)	0.8 (0.5-1.3)	90	79	19	22
York	0 (0-0)	0 (0-0)	23.3 (8.9-36.3)	3 (2-4)	3 (2-4)	11.6 (0.1-27.9)	0 (0-0)	0 (0-0)	44.3 (23.7-73.1)	0 (0-0)	0 (0-0)	8 (-4.9-20.3)	0 (0-0)	0 (0-0)	-14.7 (-36.4-14.9)	0 (0-0)	0 (0-0)	8.1 (-8.1-25.5)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1.3 (0.8-2.1)	105	97	22	15
Northern Ireland	4 (3-5)	5 (4-6)	14.9 (4.6-22.9)	76 (60-91)	78 (63-93)	2.6 (-5.3-8.4)	1 (1-1)	1 (1-1)	4.7 (-5.5-17)	4 (3-6)	5 (4-6)	1.8 (-5.7-10.2)	0 (0-0)	0 (0-0)	-49.3 (-60.4-33.9)	1 (1-2)	1 (1-2)	-2 (-11.4-9.7)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1.9 (1.3-2.6)	71	63	14	10
Scotland	10 (8-13)	10 (8-13)	0.1 (-7.9-8)	204 (168-246)	196 (155-234)	-4.3 (-10.5-3)	2 (2-2)	2 (2-2)	14.1 (-0.8-26.1)	12 (9-15)	11 (9-14)	-5.2 (-12.2-1.9)	0 (0-0)	0 (0-0)	-39.5 (-56.3-21.5)	4 (3-5)	3 (2-4)	-12.2 (-21.4--2.7)	0 (0-0)	1 (0.7-1.4)	0 (0-0)	1.7 (1.2-2.4)	70	64	15	12
Wales	6 (5-7)	6 (5-8)	7.7 (-2.5-17.1)	124 (100-148)	123 (101-149)	-0.8 (-7.5-1)	1 (1-1)	1 (1-1)	6.2 (-2.6-16.9)	7 (6-9)	7 (5-9)	-2 (-11.1-7.6)	0 (0-0)	0 (0-0)	-35.5 (-46.6-22.6)	2 (2-3)	2 (1-3)	-4.9 (-16.5-6.9)	0 (0-0)	1.1 (0.8-1.4)	0 (0-0)	1.5 (1.1-2.1)	71	64	13	10
Latin America and Caribbean	4,110 (3,580-4,630)	4,340 (3,800-4,960)	5.6 (2.1-10.5)	51,800 (44,400-58,800)	56,700 (48,400-64,900)	9.2 (6.4-12.1)	1,050 (926-1,200)	1,330 (1,160-1,550)	26.6 (14-44.4)	3,460 (2,960-3,990)	4,080 (3,480-4,710)	17.9 (13.8-22.6)	262 (196-346)	200 (118-288)	-23.7 (-45.2-0)	1,070 (854-1,290)	1,250 (983-1,550)	16.9 (10-25.4)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.2)	0.7 (0.5-0.9)	67	59	35	21
Andean Latin America	133 (105-163)	145 (113-179)	9.4 (3.5-15.9)	2,080 (1,700-2,550)	2,570 (2,090-3,120)	23.5 (17.6-28.9)	22 (14-32)	17 (12-26)	-22.1 (-48.2-22.9)	93 (72-121)	116 (90-149)	24.3 (15.8-32.7)	1 (0-2)	0 (0-1)	-59.3 (-80.6-21.9)	8 (5-11)	9 (6-13)	18.3 (9.3-29.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	124	128	97	74
Bolivia (Plurinational State of)	30 (22-39)	38 (28-51)	24.3 (12-38.1)	429 (328-553)	559 (423-715)	30.2 (19.9-41.3)	8 (5-12)	6 (4-11)	-26.4 (-51.2-28.6)	20 (14-28)	25 (18-36)	25.1 (10.7-39.2)	0 (0-1)	0 (0-0)	-63.8 (-85.4-24.8)	2 (1-3)	3 (2-4)	32.1 (14.2-54.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	124	123	99	77
Ecuador	34 (30-36)	40 (36-44)	20 (12.3-27.4)	566 (513-613)	723 (655-797)	27.9 (18.5-35.2)	1 (1-1)	4 (3-5)	415 (306-554)	24 (22-28)	34 (30-38)	39.4 (29.5-52.5)	0 (0-0)	0 (0-0)	151 (40.7-313)	2 (1-2)	2 (2-3)	17.4 (4.1-32.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	129	114	93	67
Peru	69 (51-91)	67 (49-89)	-2.4 (-12.8-5.2)	1,110 (865-1,430)	1,280 (981-1,630)	15.2 (5.1-23)	13 (9-20)	7 (4-12)	-45.4 (-68.6-8.2)	50 (35-69)	56 (40-77)	13.5 (1.7-25.5)	1 (0-1)	0 (0-0)	-78.1 (-92.7-55.4)	4 (3-6)	4 (3-6)	6.9 (-6.4-22.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	122	129	95	74
Caribbean	2,950 (2,550-3,360)	3,210 (2,750-3,690)	8.6 (3.5-15.1)	29,800 (25,300-34,400)	31,700 (26,400-37,300)	6.1 (2-9.8)	556 (424-711)	586 (434-780)	5.3 (-13.8-31.5)	2,460 (2,080-2,840)	2,910 (2,480-3,370)	18.1 (12.9-24.1)	148 (74-228)	122 (51-203)	-17.9 (-47.2-23.7)	922 (736-1,110)	1,110 (867-1,380)	20.5 (12.6-30.2)	0.3 (0.2-0.5)	2.1 (1.7-2.6)	0.4 (0.2-0.6)	3.2 (2.3-4)	33	31	12	9

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Antigua and Barbuda	2 (2-3)	2 (1-2)	-25.9 (-34.2--16.8)	37 (28-47)	31 (23-39)	-15.9 (-24.2--8.4)	2 (1-2)	2 (2-2)	19.7 (6.2-32.3)	2 (2-3)	2 (2-3)	2.8 (-8.8-16.1)	0 (0-0)	0 (0-0)	-47.5 (-64.3--23.7)	0 (0-1)	0 (0-1)	7.1 (-13.6-30.6)	0.8 (0.7-0.8)	2.1 (1.3-3.1)	1 (0.9-1.1)	5.7 (3.1-8.4)	18	16	11	5
Bahamas	15 (11-20)	14 (11-18)	-7.8 (-19.2-5.6)	266 (196-338)	249 (191-306)	-6.7 (-17.9-4.9)	6 (5-6)	7 (5-8)	20 (-6.2-55.1)	17 (12-23)	19 (14-25)	13.2 (-2.1-30)	0 (0-0)	0 (0-0)	-35.7 (-55.4-5.9)	2 (1-3)	2 (2-4)	28 (8-55.5)	0.4 (0.4-0.5)	3 (2-3.9)	0.5 (0.4-0.5)	6.3 (3.6-8.9)	24	28	8	8
Barbados	7 (5-8)	5 (4-7)	-17.3 (-25.9--8.4)	107 (82-133)	93 (69-116)	-13.2 (-21.5--5)	3 (3-3)	2 (2-3)	-27.6 (-43.7--5.5)	6 (5-8)	7 (5-9)	6 (-7.1-19.2)	0 (0-0)	0 (0-0)	-63 (-74.3--47.7)	1 (1-2)	1 (1-2)	9.1 (-11.6-32.8)	0.3 (0.3-0.3)	2.1 (1.3-2.9)	0.2 (0.2-0.2)	4.4 (2.4-6.5)	32	38	10	7
Belize	16 (13-21)	23 (17-29)	41.7 (25.6-61)	189 (146-238)	266 (200-342)	40 (24.6-55)	2 (1-2)	2 (2-3)	50.1 (32.9-74.4)	15 (11-19)	24 (18-32)	65.2 (47.5-86.7)	0 (0-0)	0 (0-0)	-36.7 (-50.9--17.9)	5 (4-8)	9 (6-14)	63 (33-99.2)	0.2 (0.1-0.2)	2.8 (1.7-4)	0.2 (0.2-0.2)	8.1 (5-12.1)	47	43	8	4
Bermuda	1 (1-1)	1 (0-1)	-34.4 (-43.2--23.4)	20 (15-24)	14 (11-18)	-29.7 (-35.4--21.2)	1 (1-1)	1 (1-1)	4.1 (-10-29.5)	1 (1-1)	1 (1-1)	-10.2 (-20.8-2.5)	0 (0-0)	0 (0-0)	-54.1 (-69.9--27.3)	0 (0-0)	0 (0-0)	-10.6 (-28.8-9.6)	0.6 (0.5-0.7)	2 (1.3-2.8)	0.8 (0.7-1.1)	5 (3-7.5)	24	21	12	5
Cuba	91 (76-107)	97 (78-119)	6.2 (-5.9-21)	1,520 (1,260-1,860)	1,400 (1,130-1,740)	-8.4 (-17.2-3.6)	43 (42-45)	43 (36-49)	0 (-17.2-13)	100 (83-121)	116 (93-142)	15.4 (1.7-30.8)	2 (2-3)	1 (1-1)	-52.9 (-66.2--37.7)	27 (20-34)	34 (23-47)	26.3 (6.5-53.7)	0.2 (0.2-0.2)	2.1 (1.6-2.7)	0.2 (0.2-0.3)	6.8 (4.3-9.8)	42	40	10	5
Dominica	2 (2-3)	2 (1-2)	-30.4 (-38.1--23)	35 (27-45)	25 (19-32)	-29.9 (-35.3--22.4)	1 (1-1)	1 (1-1)	-7.5 (-31.1-21.3)	2 (2-3)	2 (1-3)	-18 (-28.2--7.8)	0 (0-0)	0 (0-0)	-23 (-55.4-26.3)	1 (0-1)	0 (0-1)	-19.2 (-34.1--3)	0.4 (0.3-0.6)	2.4 (1.5-3.3)	0.4 (0.3-0.6)	2.6 (1.4-3.8)	28	27	10	8
Dominican Republic	892 (730-1,040)	927 (771-1,100)	3.9 (-6-12.8)	8,000 (6,290-9,530)	8,600 (6,810-10,400)	7.4 (-3-16.4)	98 (76-119)	75 (60-96)	-23.6 (-42.3--3.8)	714 (568-859)	814 (656-971)	14 (4.5-25.6)	32 (24-43)	13 (8-21)	-59.2 (-73.7--36.4)	292 (215-381)	340 (257-436)	16.4 (3.1-35)	0.4 (0.3-0.4)	3.3 (2.2-4.3)	0.2 (0.1-0.3)	6.2 (4.5-8.1)	30	29	7	5
Grenada	4 (3-5)	3 (2-4)	-21.7 (-31--13.1)	57 (44-72)	43 (32-55)	-25.2 (-32.8--17.2)	3 (2-3)	3 (3-3)	18 (2.1-33.9)	4 (3-5)	3 (2-4)	-13.6 (-24.3--2.2)	0 (0-0)	0 (0-0)	-50.6 (-62.4--35.2)	1 (1-1)	1 (1-1)	-6.4 (-21.3-12.9)	0.6 (0.6-0.7)	2.4 (1.4-3.2)	0.7 (0.6-0.8)	5.1 (3-7.3)	19	19	7	7
Guyana	37 (28-48)	34 (25-44)	-8.7 (-19.2-2.6)	512 (394-668)	411 (310-529)	-20 (-28.8--10.5)	17 (14-19)	14 (11-18)	-14.5 (-34.6-15.6)	34 (25-44)	32 (24-42)	-6.6 (-16.5-4.9)	2 (2-3)	1 (1-2)	-49.7 (-66.7--28.2)	9 (6-13)	9 (6-13)	0.9 (-16.7-21.1)	0.3 (0.2-0.3)	1.2 (0.7-1.6)	0.3 (0.3-0.4)	2.9 (1.7-4.1)	26	27	12	8
Haiti	1,360 (1,180-1,540)	1,690 (1,440-1,900)	24.4 (15.6-36.8)	11,400 (9,690-13,300)	15,100 (12,500-17,500)	31.7 (22.5-45.2)	287 (164-424)	346 (216-515)	20.5 (-10.5-74.4)	1,030 (875-1,180)	1,440 (1,230-1,630)	39.4 (30.1-51.1)	98 (29-170)	99 (31-176)	1.2 (-35.7-91.2)	417 (327-503)	570 (458-698)	36.7 (24.1-53)	0.3 (0.1-0.6)	1.5 (1.1-1.8)	0.4 (0.1-0.7)	2.2 (1.6-2.8)	33	30	14	11
Jamaica	277 (263-291)	200 (174-228)	-27.9 (-36.3--17)	3,980 (3,600-4,390)	2,590 (2,220-3,080)	-35.1 (-42.5--26.8)	44 (42-48)	40 (31-51)	-9.2 (-29-13.8)	298 (276-321)	229 (197-263)	-23.2 (-32.6--13.9)	5 (4-6)	2 (1-2)	-67.7 (-76.1--53.3)	112 (97-126)	83 (64-104)	-25.9 (-39.4--11.2)	0.4 (0.4-0.5)	10.2 (7.7-13.1)	0.3 (0.3-0.4)	17.1 (11.7-23.7)	20	25	3	2
Puerto Rico	77 (56-102)	33 (24-45)	-56.6 (-61.5--51.6)	1,490 (1,110-1,870)	834 (623-1,070)	-44.1 (-50.5--38.8)	6 (6-6)	5 (4-6)	-11.6 (-28.8-4.9)	79 (55-107)	56 (39-76)	-29.2 (-37.3--19.2)	0 (0-0)	0 (0-0)	-77.6 (-84.8--68.4)	7 (5-10)	4 (3-6)	-44.2 (-53.9--34.8)	0.1 (0-0.1)	1.1 (0.8-1.6)	0.1 (0.1-0.1)	4.1 (2.5-5.7)	65	56	13	6
Saint Kitts and Nevis	1 (1-2)	1 (1-2)	-9.6 (-22.1-1)	24 (18-30)	22 (17-28)	-9.4 (-19.3-0.4)	1 (1-1)	1 (1-1)	13 (-7.8-36)	2 (1-2)	2 (1-2)	3.6 (-8.2-16.5)	0 (0-0)	0 (0-0)	-53.6 (-67.9--31.7)	0 (0-0)	0 (0-1)	10.4 (-6.9-34)	0.4 (0.4-0.5)	1.7 (1.1-2.4)	0.5 (0.4-0.5)	4.5 (2.5-6.6)	23	26	11	6
Saint Lucia	6 (4-8)	4 (3-5)	-34.4 (-41.4--26.8)	94 (74-120)	65 (50-82)	-31.6 (-38.6--25.2)	3 (3-3)	3 (3-4)	6 (-11.4-27.2)	6 (5-8)	5 (4-6)	-20.2 (-28.4--9.2)	0 (0-0)	0 (0-0)	-64.9 (-75.8--45.7)	1 (1-2)	1 (1-2)	-20.4 (-33.2--3.8)	0.5 (0.5-0.6)	2.9 (1.7-4.4)	0.4 (0.3-0.4)	4.8 (2.7-7.5)	18	24	8	6
Saint Vincent and the Grenadines	4 (3-6)	3 (3-4)	-24.7 (-32.6--14.9)	65 (51-85)	48 (37-62)	-26.9 (-34--19.3)	2 (2-2)	2 (2-3)	2.3 (-10.5-20.4)	4 (3-6)	4 (3-5)	-16.3 (-25.2--5.6)	0 (0-0)	0 (0-0)	-61.5 (-73.3--44.7)	1 (1-2)	1 (1-1)	-10.9 (-24.7-6.4)	0.4 (0.4-0.4)	2 (1.4-2.9)	0.4 (0.4-0.5)	5.4 (3.1-8.1)	24	26	11	6
Suriname	21 (16-26)	21 (16-26)	-0.9 (-10.7-9.3)	256 (196-324)	276 (212-358)	7.7 (-2-18.1)	3 (2-4)	4 (3-4)	2.6 (-19.8-28.9)	18 (14-24)	22 (17-29)	20.6 (8.4-34.6)	1 (0-1)	1 (0-1)	-23.3 (-50.8-29.6)	5 (3-7)	7 (4-9)	27.6 (7.5-48.4)	0.2 (0.1-0.2)	1.4 (0.9-2)	0.2 (0.1-0.3)	2.7 (1.7-3.9)	38	39	13	9
Trinidad and Tobago	35 (27-44)	32 (24-41)	-8.5 (-23.4-4.6)	650 (496-826)	532 (410-682)	-18.5 (-27.4--8.2)	17 (16-17)	14 (11-18)	-13.2 (-32.5-8.5)	45 (33-60)	39 (29-52)	-12.6 (-24.9--1.5)	1 (1-2)	1 (0-1)	-58.5 (-70.6--40.5)	8 (5-11)	9 (6-14)	17.5 (-2.1-39.2)	0.3 (0.2-0.3)	1.7 (1.1-2.4)	0.3 (0.2-0.3)	4.6 (2.6-6.5)	31	32	12	7
United States Virgin Islands	3 (2-4)	2 (2-3)	-31.5 (-37.9--23.9)	49 (38-62)	34 (25-44)	-31.7 (-38.3--24.1)	0 (0-1)	0 (0-0)	-32.3 (-51.1-0.2)	3 (2-4)	2 (2-3)	-21.1 (-30.2--11.3)	0 (0-0)	0 (0-0)	-81.6 (-90.6--63.7)	0 (0-1)	0 (0-0)	-11.9 (-26.3-4.4)	0.1 (0.1-0.2)	1.6 (1-2.1)	0.2 (0.1-0.2)	7.7 (4.3-11)	46	53	14	4
Central Latin America	280 (232-332)	180 (146-218)	-35.9 (-40.2--31)	3,720 (2,990-4,470)	2,000 (1,580-2,600)	-46.4 (-51.6--40.8)	102 (97-106)	133 (112-153)	30.1 (11.2-50.7)	239 (195-291)	179 (142-220)	-25 (-30.4--19)	17 (15-19)	13 (9-17)	-27.1 (-44.6--0.1)	96 (71-124)	83 (61-109)	-13.8 (-21.3--4.2)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	102	95	71	52
Colombia	56 (41-71)	48 (37-64)	-13.9 (-24.7--1.1)	205 (170-244)	179 (145-223)	-12.9 (-19.3--1.4)	42 (39-46)	50 (42-59)	18.6 (-0.1-45)	54 (39-69)	47 (35-62)	-12.3 (-20.6--0.4)	7 (6-8)	4 (2-5)	-44.6 (-66.1--9.7)	45 (32-61)	40 (28-54)	-12.6 (-22.5-0.8)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0.1)	0.5 (0.3-0.8)	87	75	38	27
Costa Rica	0 (0-0)	0 (0-0)	-9.3 (-15.9-11)	2 (1-3)	2 (1-3)	-3.1 (-12.7-12.8)	3 (3-3)	5 (4-5)	50.7 (29.3-69.6)	0 (0-0)	0 (0-0)	-3.3 (-11.5-26.4)	0 (0-0)	0 (0-0)	-50.5 (-62--35.8)	0 (0-0)	0 (0-0)	-8.4 (-17.8-37)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	77	75	105	90
El Salvador	1 (1-1)	1 (0-1)	-17.7 (-24.3-10)	4 (2-5)	3 (2-5)	-15.7 (-28.1-6.7)	0 (0-0)	0 (0-0)	-64.1 (-80--30.1)	1 (1-1)	1 (1-1)	-17.8 (-28.9-21.8)	0 (0-0)	0 (0-0)	-77.3 (-90.5--41.3)	1 (1-1)	1 (0-1)	-19.2 (-31.4-23.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	121	121	84	67
Guatemala	2 (2-3)	3 (2-4)	22.3 (7.7-87.4)	7 (4-10)	7 (4-10)	0.3 (-18.3-35.9)	0 (0-0)	0 (0-1)	18.9 (-2.5-42.2)	2 (2-4)	2 (1-3)	-7.3 (-20.1-35.7)	0 (0-0)	0 (0-0)	-41.5 (-64.4--16.1)	2 (1-3)	2 (1-3)	-9.8 (-22.7-36.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	123	88	75
Honduras	0 (0-1)	0 (0-1)	33.3 (8.8-154)	1 (1-2)	2 (1-3)	37.7 (14.8-127)	0 (0-0)	0 (0-0)	-49.2 (-76.4-26.8)	0 (0-1)	0 (0-1)	36.4 (1.1-156)	0 (0-0)	0 (0-0)	-62.9 (-91.2-4.7)	0 (0-0)	0 (0-1)	34.7 (-2-170)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	126	116	95
Mexico	65 (49-86)	54 (40-74)	-16.5 (-20.1--12.1)	1,100 (838-1,500)	1,080 (808-1,500)	-1.6 (-5.5-2.5)	11 (10-12)	15 (14-17)	42.4 (28.5-57.4)	50 (36-71)	53 (38-76)	5.3 (0.3-11.5)	4 (3-4)	2 (2-3)	-44.8 (-57.1--27)	5 (3-7)	5 (3-7)	-6.6 (-16-12.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	112	103	109	91
Aguascalientes	0 (0-0)	0 (0-0)	13.5 (-7.6-225)	1 (0-3)	1 (0-3)	29.6 (2.8-489)	0 (0-0)	0 (0-0)	82.3 (47.5-118)	0 (0-0)	0 (0-0)	35.9 (4.9-229)	0 (0-0)	0 (0-0)	-24.8 (-48.9-10.7)	0 (0-0)	0 (0-0)	22.8 (-5.7-239)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	120	113	116	102
Baja California	1 (1-2)	2 (1-2)	14.3 (3.5-41.4)	24 (13-38)	33 (18-52)	37.9 (24.8-71.6)	0 (0-0)	0 (0-1)	124 (85.6-162)	1 (1-2)	2 (1-3)	53.7 (41.3-83.9)	0 (0-0)	0 (0-0)	-28.8 (-49.6--1.5)	0 (0-0)	0 (0-0)	25 (5.4-85.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	110	104	105	93
Baja California Sur	0 (0-1)	1 (0-1)	32.4 (16.7-47.5)	9 (5-13)	14 (9-21)	61.6 (47.1-80.2)	0 (0-0)	0 (0-0)	112 (81.6-148)	0 (0-1)	1 (0-1)	79.2 (59.5-99.6)	0 (0-0)	0 (0-0)	-17 (-45-19)	0 (0-0)	0 (0-0)	41.6 (20.3-88.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	97	94	97	85

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Campeche	1 (1-1)	1 (1-1)	-0.2 (-7.9-12.5)	16 (11-23)	18 (12-25)	7.3 (-2.1-18)	0 (0-0)	0 (0-0)	60.4 (30.5-102)	1 (0-1)	1 (1-1)	11.9 (-1.1-26.7)	0 (0-0)	0 (0-0)	-38.1 (-58.4--10.6)	0 (0-0)	0 (0-0)	5.3 (-11.4-39.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	103	94	100	84
Chiapas	4 (3-5)	4 (3-6)	7.7 (-4.3-21)	59 (42-81)	69 (50-96)	16.7 (4.7-25.8)	1 (1-1)	1 (1-2)	32.5 (5.8-59.9)	3 (2-4)	3 (2-5)	18.6 (4.7-33.1)	0 (0-0)	0 (0-0)	-24.6 (-46.1-11.6)	0 (0-0)	0 (0-1)	20.3 (-1.3-77.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	109	100	112	95
Chihuahua	1 (0-1)	1 (0-1)	-13.7 (-29.1-26.3)	14 (7-26)	15 (7-27)	3.4 (-12.9-56.4)	0 (0-0)	0 (0-1)	63.9 (36.2-101)	1 (0-1)	1 (0-1)	12.8 (-4-74.9)	0 (0-0)	0 (0-0)	-28.3 (-55.2--0.2)	0 (0-0)	0 (0-0)	-5 (-25.9-85.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	115	111	116	107
Coahuila	1 (1-1)	1 (1-1)	9.1 (-0.4-34.7)	16 (10-23)	19 (12-28)	20.4 (11.1-37.7)	0 (0-0)	0 (0-0)	59.2 (38.9-83.6)	1 (0-1)	1 (1-1)	29.6 (13.7-64.1)	0 (0-0)	0 (0-0)	-28.7 (-54.1-10.2)	0 (0-0)	0 (0-0)	21.6 (-4-122)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	108	106	91
Colima	0 (0-0)	0 (0-0)	-3.4 (-35.1-13.9)	4 (2-9)	4 (2-10)	10.2 (-31.1-26.2)	0 (0-0)	0 (0-0)	89.5 (53.9-129)	0 (0-0)	0 (0-0)	17.2 (-18.4-37.6)	0 (0-0)	0 (0-0)	-51 (-66.8--26.6)	0 (0-0)	0 (0-0)	7.6 (-17.2-66.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	104	101	116	94
Durango	1 (0-1)	1 (0-1)	-9 (-25.6-16.1)	10 (4-19)	11 (4-22)	11.3 (-9.2-50.2)	0 (0-0)	0 (0-0)	17.2 (-0.4-43.4)	0 (0-1)	0 (0-1)	18.9 (0.3-50.8)	0 (0-0)	0 (0-0)	-51.6 (-69.8--31.8)	0 (0-0)	0 (0-0)	-1.9 (-20.4-57.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	118	113	114	99
Guanajuato	2 (1-3)	1 (1-2)	-19.4 (-46.5-21.1)	25 (15-37)	24 (15-38)	-3.5 (-36.8-39.2)	0 (0-0)	0 (0-1)	94.1 (57.5-141)	1 (1-2)	1 (1-2)	7.9 (-24-56.8)	0 (0-0)	0 (0-0)	-43.6 (-59.9--25.1)	0 (0-0)	0 (0-0)	-1.7 (-26.9-80)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	115	110	104	91
Guerrero	7 (5-9)	5 (4-6)	-30.3 (-36.7--24.7)	100 (79-121)	86 (68-109)	-13.8 (-21.5--7.4)	1 (1-1)	1 (1-1)	-3.1 (-27.8-24.8)	4 (3-6)	4 (3-5)	-9.7 (-18.2-0)	1 (0-1)	0 (0-0)	-52.3 (-73--12.3)	1 (0-1)	0 (0-1)	-21.6 (-34.7-4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	105	95	108	89
Hidalgo	1 (0-1)	1 (0-1)	-10.6 (-22.8-16.7)	12 (6-22)	13 (6-24)	10.5 (-4-35.1)	0 (0-0)	0 (0-0)	42.4 (17.7-71.4)	1 (0-1)	1 (0-1)	18.3 (-0.1-52.9)	0 (0-0)	0 (0-0)	-51.3 (-66.2--29.9)	0 (0-0)	0 (0-0)	-0.4 (-21.1-104)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	119	109	113	95
Jalisco	3 (2-4)	2 (1-3)	-26.8 (-51--11.9)	52 (32-78)	42 (23-68)	-19.5 (-44.2--3.5)	0 (0-1)	1 (1-1)	68.3 (40.5-106)	2 (1-4)	2 (1-4)	-8.2 (-33.5-6.8)	0 (0-0)	0 (0-0)	-33.7 (-53.9--10.2)	0 (0-0)	0 (0-0)	-11.7 (-34.1-42.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	110	106	109	98
México	2 (1-4)	2 (1-4)	4 (-19.4-142)	29 (10-53)	35 (13-74)	22.9 (-3.7-215)	1 (1-1)	1 (1-1)	42.6 (22.7-65.6)	1 (1-2)	2 (1-4)	30.5 (7.6-202)	0 (0-0)	0 (0-0)	-61.3 (-73.7--42.5)	0 (0-0)	0 (0-1)	16.4 (-7.7-151)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	105	110	93
Mexico City	3 (2-4)	2 (1-2)	-36.2 (-42--24.3)	50 (35-67)	40 (29-52)	-20.1 (-26.7--8.8)	0 (0-0)	1 (0-1)	50.1 (24.9-85.1)	2 (2-3)	2 (1-3)	-14.1 (-22.8-2.7)	0 (0-0)	0 (0-0)	-35.6 (-56.8--4.8)	0 (0-0)	0 (0-0)	-25.8 (-39-6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	116	106	94	87
Michoacán de Ocampo	2 (1-3)	1 (1-2)	-19.2 (-36.8--1)	29 (17-50)	27 (15-47)	-7.3 (-27.6-17.2)	0 (0-0)	0 (0-0)	41.8 (20.2-72.1)	1 (1-3)	1 (1-2)	-4 (-23.1-18.6)	0 (0-0)	0 (0-0)	-34.9 (-56.7--9.3)	0 (0-0)	0 (0-0)	-10 (-28.6-47.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	117	112	114	99
Morelos	1 (0-1)	1 (0-1)	-20.1 (-45.6--5)	12 (5-25)	11 (5-24)	-14.2 (-46.7-8.8)	0 (0-0)	0 (0-0)	88.5 (45.6-140)	1 (0-1)	1 (0-1)	-4.9 (-35.6-11.8)	0 (0-0)	0 (0-0)	-46.6 (-62--23.2)	0 (0-0)	0 (0-0)	-4.8 (-29.8-65.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	111	106	106	91
Nayarit	0 (0-1)	0 (0-1)	4.5 (-10.5-21.9)	9 (5-16)	11 (5-20)	17.2 (-0.4-33.7)	0 (0-0)	0 (0-0)	44.9 (20.1-75.7)	0 (0-1)	0 (0-1)	24.1 (7.6-48.6)	0 (0-0)	0 (0-0)	-43.5 (-61.9--14.2)	0 (0-0)	0 (0-0)	11.2 (-10.8-80.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	109	111	95
Nuevo León	3 (2-4)	2 (2-3)	-26.3 (-33.8--19.1)	58 (40-81)	53 (36-75)	-8.4 (-17-1.7)	0 (0-0)	1 (0-1)	89.8 (60.4-126)	2 (2-3)	2 (2-3)	-0.8 (-13.2-10.6)	0 (0-0)	0 (0-0)	-21.3 (-48.9-25.7)	0 (0-0)	0 (0-0)	-13.2 (-29.3-21.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	107	109	95
Oaxaca	6 (4-7)	4 (3-6)	-22.9 (-28.2--15.9)	90 (71-116)	80 (62-102)	-11.6 (-18.2--5.4)	1 (1-1)	1 (1-1)	1.4 (-16.1-24.2)	4 (3-6)	4 (3-5)	-6.6 (-14.4-2.3)	0 (0-0)	0 (0-0)	-54 (-69.8--26.9)	0 (0-1)	0 (0-0)	-16.7 (-29.2-10.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	105	98	100	85
Puebla	1 (1-3)	1 (1-2)	-6.4 (-22.4-73.8)	19 (10-37)	21 (11-40)	10 (-8.7-96.2)	0 (0-1)	1 (1-1)	24.3 (4.5-50.4)	1 (1-2)	1 (1-2)	16.7 (-3.5-98.7)	0 (0-0)	0 (0-0)	-47.2 (-64--19)	0 (0-0)	0 (0-0)	2.3 (-18.5-102)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	116	109	117	98
Querétaro	0 (0-0)	0 (0-0)	18.4 (-2.6-151)	1 (0-4)	2 (0-5)	32.5 (5.8-339)	0 (0-0)	0 (0-0)	99.2 (64.6-139)	0 (0-0)	0 (0-0)	39.1 (8.9-242)	0 (0-0)	0 (0-0)	-10.6 (-36.2-34.9)	0 (0-0)	0 (0-0)	27.9 (-1.9-242)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	105	112	102
Quintana Roo	1 (1-2)	1 (1-2)	27 (14.2-43.3)	19 (12-28)	28 (17-42)	44.4 (32-61.7)	0 (0-0)	0 (0-0)	135 (81.1-205)	1 (1-1)	1 (1-2)	55.7 (42.9-73.5)	0 (0-0)	0 (0-0)	-9.5 (-37.6-42.1)	0 (0-0)	0 (0-0)	40.6 (19.1-99.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	106	99	100	90
San Luis Potosí	1 (0-2)	1 (0-2)	-18.1 (-32.7-19.9)	18 (8-32)	18 (8-32)	-2.9 (-18.5-43.7)	0 (0-0)	0 (0-0)	39.7 (18-71.1)	1 (0-2)	1 (0-2)	3.7 (-12-33.5)	0 (0-0)	0 (0-0)	-56.6 (-69--39.3)	0 (0-0)	0 (0-0)	-10.5 (-26.1-57.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	113	104	111	93
Sinaloa	2 (1-3)	1 (1-2)	-23 (-30.3--15.3)	34 (22-49)	30 (20-44)	-9.8 (-20.5--1.8)	0 (0-0)	0 (0-0)	31.6 (12.6-55.3)	1 (1-2)	1 (1-2)	-3.2 (-13.7-9.8)	0 (0-0)	0 (0-0)	-54.3 (-68--35)	0 (0-0)	0 (0-0)	-18.9 (-32.8-12.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	119	113	109	91
Sonora	1 (1-2)	1 (1-1)	-30.5 (-45.6--18.1)	21 (13-33)	18 (11-30)	-15.4 (-28.2--2.3)	0 (0-0)	0 (0-0)	88.6 (60.4-129)	1 (1-2)	1 (1-2)	-7.7 (-31.3-10.6)	0 (0-0)	0 (0-0)	-50.8 (-65.4--33)	0 (0-0)	0 (0-0)	-16.6 (-35.9-30)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	115	111	109	94
Tabasco	6 (5-7)	5 (4-7)	-9.1 (-15.9--0.4)	108 (91-128)	110 (92-130)	1.9 (-5.4-9.5)	1 (1-1)	1 (1-1)	74 (47.3-101)	5 (4-6)	6 (4-7)	8 (-3-20.2)	0 (0-0)	0 (0-0)	-39.2 (-54.9--16.1)	0 (0-1)	0 (0-1)	-2.1 (-16.9-19.9)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	91	90	86	66
Tamaulipas	5 (4-6)	4 (3-5)	-22.5 (-28.8--14.2)	77 (62-97)	78 (61-100)	1 (-6.4-10.6)	0 (0-0)	0 (0-1)	57.5 (33.1-87.8)	3 (2-4)	4 (3-5)	11.2 (-0.7-23)	0 (0-0)	0 (0-0)	-30.4 (-51.7--6.2)	0 (0-0)	0 (0-0)	-14.3 (-28.8-10.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	111	101	90	84
Tlaxcala	0 (0-0)	0 (0-0)	-2.4 (-19.2-28.9)	5 (2-9)	5 (3-10)	15.9 (-8.5-43)	0 (0-0)	0 (0-0)	61.4 (30-94.4)	0 (0-0)	0 (0-0)	25.5 (5.9-67.9)	0 (0-0)	0 (0-0)	-34.6 (-57.5--4.7)	0 (0-0)	0 (0-0)	10.6 (-13.1-125)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	117	105	109	97
Veracruz de Ignacio de la Llave	8 (6-10)	6 (5-8)	-24.2 (-30.2--17.1)	139 (109-173)	127 (100-164)	-8.8 (-17.3--1)	2 (2-2)	2 (2-2)	21 (3.2-40.5)	6 (5-8)	6 (4-8)	-2.8 (-12.1-8.3)	1 (0-1)	0 (0-0)	-64.7 (-73.9--52.8)	1 (0-1)	0 (0-1)	-20.5 (-33.5-8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	101	91	103	83
Yucatán	2 (1-3)	2 (1-2)	-9.6 (-18.9--1.3)	36 (25-52)	37 (25-52)	2.8 (-8.2-12.2)	0 (0-0)	0 (0-0)	68.9 (43.2-95.8)	2 (1-2)	2 (1-3)	8.3 (-4.1-21.3)	0 (0-0)	0 (0-0)	-20.7 (-44.6-9.9)	0 (0-0)	0 (0-0)	-4.4 (-19.3-25.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	105	100	97	84
Zacatecas	0 (0-0)	0 (0-0)	-6.8 (-25.8-92.6)	1 (0-4)	1 (0-4)	2.3 (-20.3-157)	0 (0-0)	0 (0-0)	87.9 (58.5-117)	0 (0-0)	0 (0-0)	6.2 (-15.3-180)	0 (0-0)	0 (0-0)	-41.3 (-57.4--21)	0 (0-0)	0 (0-0)	1.5 (-21.1-184)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	117	112	115	106

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Nicaragua	1 (1-2)	1 (1-2)	9 (-3.9-38.2)	4 (3-6)	5 (3-6)	13.6 (-7.8-47.7)	0 (0-1)	0 (0-0)	-60.7 (-79.5--15.3)	1 (1-2)	1 (1-2)	11.3 (-4.3-54.9)	0 (0-1)	0 (0-0)	-69 (-86--14.6)	1 (1-2)	1 (1-2)	10.1 (-6.7-55.2)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	105	109	88	60
Panama	0 (0-1)	1 (0-1)	31.2 (-0.9-75.5)	2 (2-3)	3 (2-4)	31.4 (10.4-61.1)	13 (12-14)	15 (12-18)	18.9 (0.2-39.7)	0 (0-1)	1 (0-1)	33 (8.4-86.3)	2 (2-2)	1 (1-1)	-41 (-56.3--17.8)	0 (0-1)	1 (0-1)	32 (5.8-91.6)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0-0.1)	49	57	85	68
Venezuela (Bolivarian Republic of)	154 (127-182)	71 (58-86)	-53.8 (-60.1--47.9)	2,410 (1,950-2,850)	690 (549-865)	-71.5 (-74.3--67.8)	32 (30-34)	46 (36-58)	46.1 (15.8-81.4)	130 (106-157)	70 (55-85)	-46 (-52.5--38.1)	4 (3-4)	5 (4-7)	36.5 (0.8-81.1)	41 (30-52)	32 (22-43)	-22.7 (-35.6--5.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.2 (0.1-0.3)	85	76	22	34
Tropical Latin America	748 (656-833)	812 (683-925)	8.6 (3.5-13.1)	16,200 (14,500-17,600)	20,400 (17,900-22,500)	26 (21.5-30.6)	374 (351-393)	598 (569-630)	60.1 (49.5-73.4)	665 (575-769)	875 (737-1,030)	31.5 (24.5-38.8)	95 (81-111)	65 (50-82)	-31.8 (-49.6--9.4)	44 (34-56)	49 (37-62)	10 (3.9-16.8)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	60	54	77	60
Brazil	707 (624-786)	771 (651-878)	9.1 (3.6-13.9)	15,400 (13,800-16,700)	19,500 (17,100-21,400)	26.4 (21.5-31.3)	369 (347-388)	592 (562-624)	60.4 (49.8-73.7)	633 (550-727)	837 (706-982)	32.3 (24.8-39.9)	94 (80-110)	64 (49-81)	-31.9 (-49.8--9.6)	41 (32-52)	45 (34-57)	10.9 (4.2-18.3)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	59	52	79	59
Acre	2 (2-3)	4 (3-5)	58.4 (41.1-76.6)	43 (35-51)	75 (62-90)	74.1 (62.7-88.7)	1 (1-1)	2 (2-2)	89.2 (52-136)	2 (2-3)	4 (3-5)	82.5 (63.5-104)	0 (0-1)	1 (0-1)	2.8 (-34.2-70.2)	0 (0-0)	0 (0-0)	48.1 (29.3-69.9)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	0.1 (0-0.1)	69	58	90	77
Alagoas	5 (4-6)	4 (3-5)	-16.8 (-27.5--2.5)	86 (72-100)	91 (73-111)	6.1 (-8.5-26.6)	6 (5-7)	7 (7-8)	26.2 (4.1-54.8)	3 (3-4)	3 (3-4)	3.8 (-10.5-20.9)	3 (2-4)	1 (1-2)	-52.5 (-70--28.7)	0 (0-0)	0 (0-0)	-5.4 (-23.1-19.8)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	72	56	109	84
Amapá	1 (1-1)	1 (1-2)	55.5 (32.3-77)	14 (10-19)	25 (17-35)	73.3 (54.3-93.4)	1 (0-1)	2 (2-2)	225 (165-328)	1 (1-1)	1 (1-2)	60.6 (40.7-85.2)	0 (0-0)	0 (0-0)	128 (42-232)	0 (0-0)	0 (0-0)	40.5 (13.8-70.5)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	69	53	96	90
Amazonas	6 (5-6)	9 (7-10)	52.5 (41.6-61.9)	159 (135-184)	278 (232-320)	74.7 (64.3-85.3)	2 (2-2)	6 (6-7)	219 (160-308)	4 (3-5)	8 (6-9)	97.1 (82-113)	1 (0-1)	1 (1-1)	73.9 (18.8-154)	0 (0-0)	1 (0-1)	56.4 (40.3-76.9)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	80	64	93	85
Bahia	63 (54-71)	95 (79-112)	52 (36-68.2)	1,260 (1,100-1,410)	2,110 (1,830-2,370)	67.6 (55-77.8)	57 (52-63)	86 (76-96)	51.1 (29.7-77.3)	44 (37-52)	84 (69-101)	88.9 (68.7-111)	20 (16-24)	11 (7-15)	-44.4 (-61.7--18.6)	3 (2-4)	5 (4-7)	58.4 (37.9-85.4)	0.1 (0.1-0.2)	0 (0-0)	0.3 (0.2-0.3)	0.1 (0.1-0.2)	46	40	84	55
Ceará	10 (8-12)	13 (11-16)	32.3 (21.6-46.1)	178 (151-207)	263 (221-308)	47.2 (34.2-64.8)	10 (8-11)	15 (13-17)	57.2 (34.8-85.5)	7 (5-9)	10 (8-13)	46.6 (32.5-62.7)	3 (2-4)	2 (1-3)	-39.1 (-60.3--5)	0 (0-1)	1 (0-1)	37 (19.8-58.2)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	72	62	105	78
Distrito Federal	32 (28-36)	27 (24-30)	-16.9 (-26.7--9.1)	711 (642-782)	819 (714-904)	14.9 (7.8-22.5)	7 (7-8)	9 (8-10)	23.4 (11.6-38.3)	26 (22-30)	30 (26-36)	16 (4.1-27.4)	1 (1-2)	1 (1-1)	-35.7 (-48.1--18.2)	1 (1-2)	1 (1-1)	-12.1 (-22.8-1)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.2 (0.2-0.2)	0.2 (0.2-0.3)	43	39	45	32
Espírito Santo	22 (18-25)	24 (20-29)	9.9 (-2.2-22.6)	388 (340-430)	501 (429-572)	29 (17.2-39.3)	8 (7-8)	12 (11-13)	57.7 (39.4-76.7)	20 (17-24)	26 (21-31)	27.9 (13-44.3)	1 (1-2)	1 (1-2)	-4.2 (-31.7-33.3)	1 (1-1)	1 (1-1)	11.3 (-6.9-32.8)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	54	45	64	53
Goiás	24 (20-27)	27 (22-31)	13.4 (2.9-26)	528 (470-589)	712 (618-798)	34.6 (24.5-44.7)	13 (12-14)	24 (22-26)	83.1 (58.7-114)	22 (18-25)	32 (26-37)	46.3 (31.1-63.4)	3 (2-4)	2 (2-3)	-28 (-50.2-4.7)	1 (1-1)	1 (1-2)	12 (-3.8-35.4)	0.1 (0.1-0.1)	0 (0-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	54	45	76	58
Maranhão	26 (22-31)	32 (26-39)	22.2 (8-36.9)	334 (284-388)	526 (438-619)	57.5 (42.9-71)	30 (25-40)	32 (28-35)	4.5 (-24-29.1)	16 (13-20)	24 (19-31)	47.1 (29.8-68.2)	13 (8-22)	6 (4-8)	-54.9 (-75.7--23.2)	1 (1-2)	2 (1-3)	37 (17.4-58.8)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.3)	0.1 (0-0.1)	51	43	100	75
Mato Grosso	6 (5-6)	7 (6-9)	30.2 (19.1-40.1)	135 (114-152)	195 (162-224)	44.2 (34-54.5)	5 (4-6)	10 (10-11)	105 (81.8-130)	5 (4-6)	8 (7-10)	58.5 (43.9-74.3)	1 (1-1)	2 (1-2)	32.5 (-1.4-74.1)	0 (0-0)	0 (0-1)	26.9 (13-45.3)	0.1 (0.1-0.1)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0.1)	57	51	91	78
Mato Grosso do Sul	5 (4-6)	6 (5-8)	22.2 (12-32.3)	133 (114-152)	181 (151-206)	35.2 (26.1-43.1)	2 (2-3)	5 (4-5)	99.6 (72.7-131)	5 (4-6)	7 (6-9)	53.6 (38.9-70.7)	0 (0-1)	1 (0-1)	5.7 (-20.7-46.5)	0 (0-0)	0 (0-0)	23.3 (6.4-45.5)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0-0.1)	74	64	86	75
Minas Gerais	95 (82-109)	92 (78-108)	-3.1 (-12.1-8.9)	1,900 (1,680-2,090)	2,130 (1,830-2,390)	12 (3.3-24)	48 (43-52)	78 (71-84)	63.3 (48.2-83.2)	91 (76-106)	104 (87-122)	14.1 (3-27.8)	10 (8-13)	7 (5-9)	-34.4 (-51.3-0.1)	5 (4-7)	5 (4-7)	-7.5 (-20.8-10.9)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	48	44	65	51
Pará	14 (12-16)	17 (14-20)	22 (9.1-33.7)	295 (254-332)	438 (371-497)	48 (34.2-58)	10 (8-11)	20 (17-22)	99.8 (66.3-149)	12 (10-15)	17 (13-21)	35.3 (20.7-52.2)	4 (3-5)	3 (2-4)	-17.1 (-45.7-26.5)	1 (1-1)	1 (1-1)	23.8 (7-43.1)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0.1)	71	58	96	80
Paraíba	8 (6-9)	10 (8-12)	35.5 (27.6-42.8)	130 (108-149)	197 (165-233)	51.7 (42.6-61.1)	5 (5-6)	7 (7-8)	40.2 (23.8-66.6)	6 (5-7)	8 (7-10)	52.1 (40.3-65.1)	2 (1-2)	1 (1-1)	-57.1 (-74.6--31.8)	1 (1-1)	1 (1-2)	53.4 (37.5-71.9)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	69	61	80	52
Paraná	12 (10-13)	14 (11-16)	18.6 (8.4-28.6)	317 (279-356)	412 (354-475)	29.7 (21.3-38.6)	8 (7-8)	14 (13-16)	86.5 (65.1-112)	10 (9-12)	16 (13-19)	53.8 (40.4-69.9)	1 (1-2)	1 (1-2)	-9 (-35.9-28.8)	1 (0-1)	1 (0-1)	14.9 (-0.1-33)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	72	64	90	76
Pernambuco	10 (8-12)	12 (10-14)	25.4 (13.2-38.8)	190 (159-218)	286 (243-347)	50.4 (35.6-65.9)	16 (14-17)	21 (19-23)	37.1 (19.1-58.1)	6 (5-8)	11 (9-13)	65.3 (48.8-84.1)	5 (4-6)	2 (2-3)	-54.1 (-68.8--27.5)	0 (0-1)	1 (1-1)	45 (20.5-77)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	66	58	107	78
Piauí	23 (20-27)	24 (21-29)	4.9 (-4.8-17)	386 (335-430)	472 (406-533)	22.1 (14.8-31)	12 (9-14)	17 (15-19)	46.1 (25-71.3)	16 (13-18)	19 (16-23)	22.2 (9.1-37)	4 (3-5)	2 (1-3)	-51 (-68.6--24.2)	1 (1-1)	1 (1-2)	18.6 (0.5-40.6)	0.1 (0.1-0.2)	0 (0-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.2)	46	39	79	48
Rio de Janeiro	99 (88-111)	89 (75-101)	-10.6 (-18.6--3.6)	2,200 (2,000-2,400)	2,250 (1,970-2,490)	2.3 (-4.8-8.5)	44 (41-46)	75 (70-79)	72.3 (55.1-87.6)	101 (89-115)	109 (94-127)	8.2 (-2.1-18.8)	6 (5-7)	6 (4-7)	-4.7 (-26.6-23.6)	7 (5-9)	7 (5-9)	-7.1 (-20-8.1)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.2 (0.2-0.2)	0.2 (0.2-0.3)	52	47	46	40
Rio Grande do Norte	5 (4-6)	6 (5-8)	22.5 (11-42.5)	85 (69-102)	119 (96-147)	39.9 (26.9-58.7)	4 (3-4)	6 (6-7)	64.4 (39.6-96.9)	3 (3-4)	5 (4-7)	47.8 (32.1-70.2)	1 (1-2)	1 (1-1)	-48.2 (-67--18.9)	0 (0-0)	0 (0-0)	33.1 (12.6-60.2)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0.1)	72	61	107	77
Rio Grande do Sul	13 (11-14)	14 (12-16)	10.7 (1.1-20.7)	398 (345-450)	501 (430-582)	25.5 (16.6-33.5)	9 (8-9)	15 (14-16)	70.2 (51.9-88.5)	13 (11-15)	18 (15-22)	40.6 (28.4-54)	1 (1-1)	1 (1-1)	-8.6 (-28.5-23.4)	1 (0-1)	1 (0-1)	9.4 (-4.5-25.3)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0.1)	71	60	84	73
Rondônia	6 (5-7)	6 (5-7)	8.4 (-2.5-20.7)	109 (92-124)	133 (113-152)	21.3 (11.6-32.1)	2 (1-2)	2 (2-2)	34.6 (16.6-58.9)	6 (5-7)	7 (5-9)	21.4 (7.5-35.6)	0 (0-1)	0 (0-0)	-21 (-41.1-18.8)	0 (0-0)	0 (0-0)	0.9 (-15.2-18.3)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	71	59	82	66
Roraima	3 (2-4)	4 (3-4)	19.5 (8.4-31.6)	42 (34-49)	63 (52-76)	51.8 (36.5-64.9)	0 (0-0)	1 (1-1)	191 (116-295)	2 (2-3)	3 (2-4)	43.1 (23.7-63.7)	0 (0-0)	0 (0-0)	271 (125-553)	0 (0-0)	0 (0-0)	17.2 (-3.1-42.1)	0 (0-0)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	76	66	64	74
Santa Catarina	4 (3-5)	5 (4-6)	21.2 (13.4-30)	126 (103-145)	173 (143-208)	37.4 (28.3-49.6)	3 (3-3)	6 (5-6)	103 (75.8-133)	4 (3-5)	6 (5-7)	53.6 (39.9-69.6)	1 (0-1)	1 (0-1)	2.7 (-29.8-51.6)	0 (0-0)	0 (0-0)	28.2 (9.7-53.7)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	78	68	93	82

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
São Paulo	197 (175-220)	207 (175-239)	4.8 (-4.7-13.7)	4,940 (4,410-5,330)	6,090 (5,380-6,790)	22.9 (16-29.9)	60 (56-64)	105 (97-114)	75.6 (58.6-93.9)	193 (168-220)	256 (219-299)	32.7 (21.5-45.3)	9 (7-10)	9 (7-11)	4.7 (-21.1-31.3)	12 (9-16)	13 (10-17)	5.9 (-4.2-17.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	65	54	55	44
Sergipe	7 (6-8)	8 (6-9)	11 (0.8-23.1)	139 (119-157)	181 (152-216)	29.8 (18.4-40.5)	5 (5-6)	8 (7-8)	50 (31.3-79.8)	6 (5-7)	8 (6-10)	32.6 (16-48.9)	2 (1-2)	1 (1-2)	-29.1 (-52.4-4.8)	0 (0-1)	0 (0-1)	17.4 (0.4-37.6)	0.1 (0.1-0.1)	0 (0-0)	0.2 (0.1-0.2)	0.1 (0-0.1)	55	47	80	69
Tocantins	11 (9-13)	14 (11-16)	25.3 (16.4-39.4)	184 (159-207)	287 (245-321)	55.2 (43.9-68.5)	4 (3-4)	6 (5-7)	62 (38.6-91.9)	8 (7-10)	13 (11-16)	57.1 (42.9-75.8)	1 (1-2)	1 (1-1)	-24.1 (-51.6-11.9)	1 (0-1)	1 (1-1)	28 (14.1-44.9)	0.1 (0.1-0.1)	0 (0-0.1)	0.2 (0.2-0.3)	0.2 (0.1-0.3)	51	42	76	49
Paraguay	40 (32-51)	40 (32-50)	-0.1 (-7.8-7.4)	767 (619-910)	900 (734-1,090)	17.1 (11.3-23.7)	5 (4-7)	6 (4-9)	32.4 (-3.4-86.2)	32 (24-44)	38 (28-49)	15.8 (5.6-27.3)	1 (0-1)	1 (0-1)	-16.8 (-55.9-66)	4 (3-5)	4 (3-5)	0.4 (-8.6-10.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	90	93	51	48
North Africa and Middle East	29,900 (27,000-33,600)	19,700 (17,000-22,800)	-34.2 (-38--30)	723,000 (643,000-807,000)	618,000 (514,000-719,000)	-14.8 (-20.4--9.2)	1,400 (1,110-1,740)	1,510 (1,180-1,910)	8 (-9.8-29.4)	13,500 (11,800-15,500)	14,000 (11,800-16,700)	3.6 (-3.2-10.6)	199 (120-318)	108 (71-161)	-45.6 (-62.9--6.9)	3,060 (2,260-4,110)	2,970 (2,170-4,020)	-3 (-7.2-1.9)	0 (0-0)	0.5 (0.3-0.6)	0 (0-0.1)	1.1 (0.8-1.4)	82	86	29	16
North Africa and Middle East	29,900 (27,000-33,600)	19,700 (17,000-22,800)	-34.2 (-38--30)	723,000 (643,000-807,000)	618,000 (514,000-719,000)	-14.8 (-20.4--9.2)	1,400 (1,110-1,740)	1,510 (1,180-1,910)	8 (-9.8-29.4)	13,500 (11,800-15,500)	14,000 (11,800-16,700)	3.6 (-3.2-10.6)	199 (120-318)	108 (71-161)	-45.6 (-62.9--6.9)	3,060 (2,260-4,110)	2,970 (2,170-4,020)	-3 (-7.2-1.9)	0 (0-0)	0.5 (0.3-0.6)	0 (0-0.1)	1.1 (0.8-1.4)	82	86	29	16
Afghanistan	1,200 (965-1,470)	2,050 (1,650-2,500)	70.5 (60.6-80.5)	16,400 (13,000-20,600)	33,700 (26,400-43,300)	104 (91.1-118)	165 (100-260)	257 (171-416)	55.7 (4-122)	445 (344-577)	916 (715-1,170)	106 (88.3-123)	31 (12-64)	30 (18-50)	-2.4 (-39.6-129)	201 (136-298)	360 (240-542)	79.3 (58.6-100)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0.1)	0.4 (0.3-0.6)	78	79	44	31
Algeria	163 (139-188)	199 (172-233)	22 (15.9-27.8)	3,490 (2,900-4,020)	4,270 (3,610-4,980)	22 (15.6-30.2)	29 (19-44)	23 (14-38)	-20.1 (-47.4-16.7)	113 (92-137)	155 (129-187)	37.4 (28.8-47.3)	6 (3-9)	3 (2-5)	-46.8 (-70.3--4.2)	49 (35-67)	65 (45-90)	31 (17.3-47.8)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.4 (0.3-0.5)	83	85	39	28
Bahrain	166 (137-198)	126 (101-156)	-24.3 (-35.2--16.4)	6,160 (5,020-7,500)	9,330 (7,450-11,500)	47.4 (26.9-62.6)	21 (17-24)	28 (23-34)	35.1 (13.7-66.6)	103 (81-130)	227 (173-292)	120 (82.2-151)	1 (1-1)	1 (1-2)	11.6 (-18.1-55.7)	10 (7-15)	10 (7-14)	-6.7 (-18.1-5.5)	0.6 (0.4-0.9)	7.1 (5-10.2)	0.7 (0.5-0.9)	6.2 (4.3-8.7)	26	27	4	4
Egypt	2,900 (2,520-3,300)	3,100 (2,690-3,470)	6.9 (-1.6-13.2)	74,800 (63,200-85,500)	107,000 (91,800-120,000)	42.6 (28.3-51.2)	100 (77-133)	157 (120-204)	57.5 (17.7-121)	1,350 (1,150-1,560)	2,050 (1,750-2,370)	51.5 (41.6-62.1)	12 (7-19)	11 (6-17)	-6.5 (-49.5-84.9)	272 (209-350)	337 (266-432)	23.9 (12.3-35.7)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.9 (0.7-1.2)	80	79	33	14
Iran (Islamic Republic of)	3,270 (2,600-4,000)	1,960 (1,570-2,420)	-40 (-41.1--38.3)	114,000 (89,400-142,000)	82,200 (64,200-103,000)	-28.6 (-30.4--26.3)	220 (154-273)	157 (119-186)	-28.6 (-41.4--8.8)	1,780 (1,360-2,300)	1,770 (1,360-2,270)	-0.6 (-6.7-5.4)	11 (5-18)	1 (0-2)	-90.5 (-94.7--83.7)	189 (138-262)	166 (118-235)	-12.4 (-18.2--7)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	3.8 (2.7-5.2)	80	85	27	7
Alborz	120 (93-147)	76 (60-96)	-36.8 (-41--31.9)	3,400 (2,640-4,250)	2,860 (2,230-3,600)	-16.6 (-22.1--9.5)	3 (2-4)	3 (2-4)	-9.7 (-30.2-21.5)	50 (37-65)	61 (46-80)	22 (8.7-35.6)	0 (0-0)	0 (0-0)	-98 (-99.6--93.3)	5 (3-6)	4 (3-6)	-6 (-17.4-8.1)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	28.5 (16.2-46.4)	88	94	22	2
Ardebil	61 (48-76)	28 (22-34)	-54.8 (-57.4--51.5)	2,100 (1,630-2,610)	1,210 (932-1,510)	-42.8 (-47.4--38.4)	2 (1-3)	1 (1-2)	-36.3 (-53.1--11.5)	31 (24-40)	26 (20-34)	-13.9 (-23.2--3.7)	0 (0-0)	0 (0-0)	-94.5 (-97.4--88.8)	4 (3-5)	2 (2-3)	-35.5 (-43.2--27.7)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	2.9 (2-3.9)	84	92	34	7
Bushehr	47 (37-57)	35 (28-43)	-26.2 (-31.9--20.9)	1,510 (1,160-1,890)	1,390 (1,070-1,740)	-8 (-14.5--1.6)	3 (2-4)	3 (2-4)	-14.4 (-37.4-14.7)	23 (18-29)	29 (22-37)	23.9 (13.6-34.3)	0 (0-0)	0 (0-0)	-88.1 (-94.1--78.8)	3 (2-5)	4 (2-5)	9.2 (-3.8-24.8)	0 (0-0.1)	0.6 (0.4-0.9)	0 (0-0.1)	4.7 (3.1-7)	64	73	22	6
Chahar Mahaal and Bakhtiari	47 (37-58)	27 (21-33)	-42.8 (-46.9--38.7)	1,540 (1,190-1,910)	1,060 (813-1,340)	-32 (-36.3--27.1)	2 (2-3)	1 (1-2)	-42.1 (-60.2--19.3)	23 (18-29)	22 (17-29)	-0.7 (-9.8-8.9)	0 (0-0)	0 (0-0)	-93.1 (-96--86.9)	4 (3-5)	3 (2-4)	-14.9 (-25.7--3.4)	0 (0-0.1)	0.7 (0.5-1)	0 (0-0.1)	7.5 (4.8-11)	68	76	21	4
East Azarbaijejan	164 (126-202)	85 (67-105)	-48.3 (-52.1--43.2)	5,830 (4,400-7,370)	3,800 (2,950-4,770)	-35.2 (-40.6--28.8)	6 (4-10)	3 (2-6)	-46.6 (-61.8--26)	96 (73-126)	86 (66-111)	-10 (-19.1-1.1)	0 (0-1)	0 (0-0)	-94.7 (-97.5--89.8)	9 (7-13)	7 (5-10)	-18.8 (-27.3--9)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	5 (3.4-7.3)	86	95	30	6
Fars	200 (158-249)	115 (92-142)	-42.3 (-46.8--38.3)	7,560 (5,830-9,460)	5,090 (3,860-6,440)	-33.4 (-39--28.5)	25 (15-32)	16 (9-19)	-37 (-53.3--12.7)	126 (96-165)	119 (92-152)	-5.9 (-16.4-3.7)	1 (0-2)	0 (0-0)	-91.1 (-94.9--84)	14 (10-20)	12 (8-17)	-16.4 (-25.7--6.4)	0 (0-0.1)	0.6 (0.4-0.8)	0 (0-0.1)	4.3 (3-6.1)	64	78	21	5
Gilan	88 (68-110)	39 (30-50)	-55.2 (-58.6--52.2)	3,830 (3,020-4,860)	2,230 (1,680-2,830)	-42.2 (-46.1--37.9)	7 (4-10)	5 (3-6)	-31.4 (-47.4--9.2)	61 (46-80)	53 (40-70)	-13.1 (-22--3.7)	0 (0-0)	0 (0-0)	-97.9 (-99.1--95.5)	4 (3-6)	2 (2-3)	-38.6 (-45.7--30.5)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	14.1 (7.9-24.1)	74	78	22	3
Golestan	85 (66-106)	50 (40-63)	-40.4 (-44.8--35.9)	2,750 (2,110-3,460)	2,010 (1,540-2,450)	-27.7 (-32.4--20.8)	6 (4-9)	5 (3-7)	-17.2 (-40.3-13.3)	43 (32-56)	43 (33-55)	-0.1 (-9.7-12.8)	0 (0-1)	0 (0-0)	-91 (-94.9--81.8)	5 (3-7)	4 (3-6)	-12.3 (-22.4--1.3)	0 (0-0.1)	0.4 (0.2-0.5)	0 (0-0.1)	3 (2.1-4.1)	73	83	31	7
Hamadan	82 (65-102)	36 (28-44)	-56.3 (-59.1--52.8)	2,950 (2,310-3,720)	1,590 (1,210-2,020)	-46.6 (-50.1--42.3)	3 (2-5)	2 (2-3)	-42 (-58.5--22.5)	49 (37-63)	37 (29-48)	-23.4 (-31.3--15.5)	0 (0-0)	0 (0-0)	-93.9 (-96.7--87.1)	5 (4-7)	3 (2-5)	-35.7 (-42.7--28)	0 (0-0)	0.4 (0.2-0.5)	0 (0-0)	3 (2.2-4.1)	81	90	26	8
Hormozgan	74 (58-92)	58 (46-72)	-21.2 (-26.3--15.6)	2,210 (1,710-2,830)	2,100 (1,620-2,620)	-5.8 (-12.9-0.6)	8 (3-11)	8 (3-10)	-0.1 (-28-45.6)	33 (25-43)	42 (32-54)	26.2 (14.4-38.8)	1 (0-1)	0 (0-0)	-87.7 (-93.5--75.9)	4 (3-6)	5 (4-7)	14 (1.1-28.2)	0 (0-0.1)	0.4 (0.3-0.5)	0 (0-0.1)	3.2 (2.4-4.6)	66	74	31	7
Ilam	28 (22-35)	12 (10-15)	-55.5 (-57.8--52)	951 (732-1,200)	591 (453-745)	-38.6 (-42.5--33.8)	2 (1-2)	1 (1-1)	-21.4 (-40.9-10.2)	14 (11-18)	13 (10-17)	-8.9 (-18.9-1.3)	0 (0-0)	0 (0-0)	-92.4 (-96.6--81.7)	2 (1-2)	1 (1-2)	-35 (-42.3--26.9)	0 (0-0.1)	0.4 (0.3-0.6)	0 (0-0)	3 (1.8-4.6)	72	81	25	7
Isfahan	165 (130-204)	88 (70-107)	-46.4 (-50--42.5)	7,190 (5,620-9,070)	5,030 (3,820-6,260)	-30.9 (-35.5--24.8)	9 (6-12)	6 (5-8)	-28.7 (-42.6--6.5)	115 (87-148)	112 (85-144)	-2 (-11-8.4)	0 (0-1)	0 (0-0)	-88.7 (-93.6--78.5)	11 (8-16)	9 (6-13)	-21.6 (-31.1--9)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	3.6 (2.5-5.1)	76	87	23	7
Kerman	116 (91-146)	87 (68-109)	-25.1 (-30--19.4)	4,080 (3,160-5,160)	3,470 (2,690-4,420)	-15.7 (-21--8.9)	10 (6-13)	7 (5-9)	-23.7 (-46.1-6.9)	63 (47-82)	72 (55-92)	14.5 (3.1-27.1)	0 (0-1)	0 (0-0)	-82.7 (-89.9--70.4)	7 (5-9)	7 (5-10)	7.1 (-5.2-20)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	2.4 (1.7-3.4)	73	83	25	8
Kermanshah	92 (71-115)	46 (36-57)	-50 (-53.4--47)	3,360 (2,640-4,250)	1,900 (1,420-2,390)	-44 (-47.6--39.8)	6 (4-7)	3 (3-4)	-44.3 (-57.6--26.1)	55 (41-72)	45 (34-58)	-18.7 (-27.4--9.6)	0 (0-0)	0 (0-0)	-94.3 (-97.3--86.8)	5 (4-8)	4 (3-6)	-28.6 (-36.3--19)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	3.4 (2.4-4.7)	82	89	28	6
Khorasan-e-Razavi	294 (225-363)	186 (148-231)	-36.8 (-41.6--31.4)	9,110 (6,960-11,500)	6,850 (5,290-8,580)	-25.4 (-31.7--18.6)	12 (9-16)	8 (6-10)	-36.9 (-52.3--13.3)	144 (109-188)	146 (111-187)	1.4 (-8.5-12.5)	1 (0-1)	0 (0-0)	-92.4 (-96.5--84.1)	17 (12-24)	16 (11-22)	-7.4 (-17.2-7.1)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	3.7 (2.4-5.3)	85	90	31	7
Khuzestan	251 (197-312)	152 (121-190)	-39.3 (-43.3--35.9)	7,970 (6,160-9,910)	5,510 (4,300-6,900)	-31.6 (-36.1--27.6)	22 (12-29)	16 (10-20)	-27.1 (-43.4--2.6)	125 (95-161)	118 (91-150)	-6.1 (-15-2.8)	2 (1-3)	0 (0-0)	-88.7 (-94--83)	18 (13-26)	16 (11-24)	-9.6 (-21-2.7)	0 (0-0.1)	0.6 (0.4-0.8)	0 (0-0.1)	4.3 (3-6)	64	72	23	5
Kohgiluyeh and Boyer-Ahmad	44 (35-55)	26 (21-32)	-41 (-45.2--35.7)	1,160 (896-1,450)	840 (650-1,070)	-27.8 (-33.3--20.6)	4 (3-6)	3 (2-4)	-28 (-47.9-1.6)	20 (15-25)	19 (15-25)	-2.7 (-13-9.1)	0 (0-1)	0 (0-0)	-93.5 (-96.9--85.1)	3 (2-5)	3 (2-5)	-11.9 (-23.9-0.5)	0.1 (0-0.1)	0.6 (0.4-0.9)	0 (0-0.1)	7.4 (4.8-11.1)	66	71	22	4
Kurdistan	69 (55-86)	39 (30-49)	-43.8 (-47.8--39.9)	2,470 (1,890-3,160)	1,630 (1,250-2,050)	-34.3 (-38.6--28.4)	2 (1-3)	1 (1-2)	-41.5 (-58.8--21.4)	38 (29-50)	36 (28-47)	-5.3 (-15.2-4.8)	0 (0-0)	0 (0-0)	-94.7 (-97.4--88.2)	5 (3-7)	4 (3-5)	-21.6 (-30.3--11.5)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	3.3 (2.3-4.6)	85	94	30	6

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Lorestan	93 (72-117)	43 (34-53)	-54 (-57.2--50.2)	3,080 (2,350-3,880)	1,760 (1,340-2,250)	-43.4 (-48.2--39)	5 (3-7)	3 (2-4)	-36.3 (-51.9--5.5)	45 (35-59)	38 (30-50)	-15.4 (-23.6--6.9)	0 (0-1)	0 (0-0)	-95.9 (-97.8--91)	6 (4-8)	4 (3-6)	-33.8 (-41.1--25.6)	0 (0-0.1)	0.5 (0.3-0.7)	0 (0-0.1)	7.6 (5.3-10.3)	76	79	26	4
Markazi	53 (41-65)	27 (21-33)	-49.9 (-53.9--46)	2,190 (1,680-2,710)	1,320 (1,020-1,630)	-40.2 (-45.3--33.5)	2 (2-4)	1 (1-2)	-49.2 (-62.8--31.6)	35 (26-46)	30 (23-39)	-13.3 (-21.8--3.4)	0 (0-0)	0 (0-0)	-93.5 (-96.9--87.1)	3 (2-4)	2 (2-3)	-28.7 (-37.1--20.2)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	3.8 (2.6-5.5)	81	92	23	8
Mazandaran	111 (87-139)	56 (44-70)	-49.4 (-52.7--46.4)	4,560 (3,500-5,750)	3,090 (2,390-3,850)	-33 (-36.9--28.6)	11 (5-15)	9 (4-11)	-18.2 (-40.3-13.5)	71 (53-92)	70 (53-89)	-1.5 (-11-8.2)	0 (0-0)	0 (0-0)	-94 (-97.4--88.2)	5 (4-7)	4 (3-5)	-28.8 (-37.4--20.1)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0.1)	6.2 (4.1-9.4)	74	78	25	6
North Khorasan	51 (40-64)	22 (18-28)	-56.2 (-58.9--53.1)	1,320 (1,010-1,660)	852 (648-1,080)	-35.9 (-39.4--31.4)	1 (1-2)	1 (0-1)	-28.8 (-43--6.4)	21 (16-28)	18 (14-24)	-14.6 (-22.3--6.1)	0 (0-0)	0 (0-0)	-92.7 (-95.8--80.8)	3 (2-4)	2 (1-3)	-35 (-43.3--27.3)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	3.3 (2.4-4.7)	89	97	32	8
Qazvin	47 (36-58)	28 (22-34)	-41 (-44.3--37)	1,880 (1,440-2,340)	1,270 (966-1,590)	-32.9 (-37.2--27.1)	1 (1-2)	1 (1-2)	-32.7 (-44.9--8.8)	28 (21-36)	28 (21-36)	0.3 (-11.3-11.3)	0 (0-0)	0 (0-0)	-94.6 (-97.6--87.5)	3 (2-4)	2 (2-3)	-17.4 (-25.9--6.2)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	5 (3.4-7.3)	82	92	29	6
Qom	43 (34-53)	32 (25-40)	-24.3 (-29.6--17.9)	1,630 (1,270-2,040)	1,410 (1,090-1,750)	-14.3 (-19.9--7.8)	2 (1-2)	1 (1-2)	-28.9 (-44--1.1)	24 (18-31)	28 (21-36)	19.1 (7-31.1)	0 (0-0)	0 (0-0)	-89.6 (-94.9--79.8)	2 (2-3)	3 (2-4)	7.6 (-4.8-22.5)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	5 (3.3-7.2)	87	95	24	6
Semnan	21 (16-26)	16 (12-20)	-23.8 (-31.3--17)	896 (721-1,150)	740 (569-928)	-17.8 (-25.7--10.1)	1 (1-2)	1 (1-1)	-30.8 (-52.9--2.4)	14 (10-18)	15 (12-20)	12 (-0.4-24.5)	0 (0-0)	0 (0-0)	-91.2 (-96.3--78.3)	1 (1-1)	1 (1-2)	0.8 (-11.1-15.5)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	4 (2.4-6.4)	77	84	25	8
Sistan and Baluchistan	183 (143-232)	139 (109-174)	-24.2 (-30.5--17.6)	3,950 (3,050-5,040)	3,610 (2,790-4,560)	-9 (-16.2--2.2)	13 (6-18)	14 (6-19)	7.3 (-20.6-51.5)	60 (46-79)	67 (52-88)	11.8 (1.6-23.1)	2 (1-3)	0 (0-0)	-84.3 (-91.5--72.7)	11 (8-15)	12 (9-17)	12.2 (-0.1-26)	0 (0-0.1)	0.3 (0.2-0.4)	0 (0-0.1)	1.9 (1.4-2.6)	71	82	31	10
South Khorasan	36 (28-45)	23 (18-28)	-37.5 (-41.2--32.9)	1,060 (805-1,360)	848 (649-1,080)	-20.4 (-25.4--14.9)	1 (0-1)	1 (0-1)	-16 (-35.1-17.4)	16 (12-20)	17 (13-22)	5.9 (-6.4-18.5)	0 (0-0)	0 (0-0)	-90.7 (-95--78.3)	2 (2-3)	2 (1-3)	-9.9 (-20.3-2.6)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	2.8 (2-3.9)	90	96	34	8
Tehran	390 (309-482)	250 (194-308)	-35.8 (-40.4--31.6)	16,000 (12,500-19,800)	12,500 (9,660-15,800)	-22.6 (-28.4--17.1)	43 (18-58)	28 (13-35)	-34.7 (-51.5--8.4)	239 (183-309)	260 (196-337)	8.6 (-2.2-20.2)	1 (0-1)	0 (0-0)	-94.4 (-98.3--85.9)	15 (10-20)	14 (10-21)	-3.9 (-15.3-8.5)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	6.5 (3.1-13.1)	78	82	24	5
West Azarbayegan	137 (108-172)	92 (72-114)	-32.9 (-36.4--27.6)	4,600 (3,640-5,840)	3,440 (2,640-4,340)	-25.8 (-29.7--20.3)	5 (4-9)	3 (2-5)	-40.4 (-56--17.8)	74 (55-96)	74 (56-94)	-0.1 (-8.9-10.9)	0 (0-1)	0 (0-0)	-92.2 (-95.9--82.6)	8 (6-11)	8 (6-11)	0 (-11.5-14.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	3.4 (2.4-4.7)	83	92	31	6
Yazd	41 (32-50)	28 (22-35)	-31.3 (-38.6--25.6)	1,460 (1,130-1,820)	1,180 (918-1,490)	-19.5 (-28.2--12.7)	1 (1-2)	1 (1-1)	-32.7 (-51.2--7.3)	22 (17-28)	24 (18-31)	7.5 (-2.7-18)	0 (0-0)	0 (0-0)	-86.6 (-91.9--75.2)	2 (2-3)	2 (2-3)	4.2 (-8.8-19.3)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	2.7 (1.9-3.8)	80	88	23	8
Zanjan	44 (34-54)	23 (18-28)	-48 (-51.4--43.8)	1,610 (1,240-2,040)	1,010 (776-1,270)	-37.8 (-42--34.4)	1 (1-2)	1 (0-1)	-48.9 (-63.3--29.8)	24 (18-30)	22 (17-28)	-6.8 (-16.1-2)	0 (0-0)	0 (0-0)	-94.4 (-97.4--87.9)	3 (2-4)	2 (1-3)	-24.6 (-33--14.9)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	3.1 (2.2-4.6)	83	96	31	8
Iraq	2,060 (1,780-2,460)	2,050 (1,750-2,380)	-0.7 (-8.1-6.4)	30,000 (26,400-34,200)	42,800 (37,800-48,600)	42.4 (34.2-51)	124 (90-161)	102 (76-142)	-17.3 (-36.6-14.1)	1,180 (936-1,510)	1,560 (1,280-1,910)	32.7 (20.9-46)	18 (12-27)	9 (6-14)	-51 (-69.4--12.3)	594 (414-854)	607 (416-872)	2.3 (-10.9-18.4)	0.1 (0-0.1)	1.8 (1.3-2.6)	0.1 (0-0.1)	5.1 (3.2-7.1)	64	62	9	7
Jordan	145 (117-175)	260 (211-312)	79 (69.1-94)	3,400 (2,740-4,240)	8,380 (6,640-10,600)	145 (132-161)	13 (10-17)	17 (12-22)	27.1 (-8.4-74.5)	66 (51-84)	180 (142-225)	171 (145-198)	1 (1-2)	1 (0-2)	-25 (-53.7-16.2)	21 (13-34)	39 (24-62)	84.9 (61-115)	0 (0-0)	0.6 (0.3-0.9)	0 (0-0.1)	1.5 (0.9-2.4)	71	75	25	11
Kuwait	29 (24-35)	44 (36-54)	49.8 (40.9-60.8)	750 (592-898)	1,620 (1,290-1,920)	115 (101-126)	4 (4-4)	4 (4-5)	11.4 (-5.3-33.6)	21 (16-27)	48 (39-61)	131 (107-156)	0 (0-0)	0 (0-0)	-30.8 (-51.7--9)	7 (4-11)	10 (6-17)	53.9 (28.8-80.7)	0 (0-0)	1.5 (0.9-2.4)	0 (0-0)	2.8 (1.6-4.7)	67	74	11	8
Lebanon	78 (65-92)	81 (67-95)	3.9 (-2.4-11)	1,830 (1,480-2,190)	2,420 (1,940-2,890)	31.3 (22-40.7)	9 (7-12)	9 (7-11)	-6.3 (-26.3-26.6)	38 (31-46)	56 (45-68)	49.2 (39.1-60.3)	0 (0-0)	0 (0-0)	-77.5 (-88.3--48.5)	6 (4-9)	8 (5-11)	19.3 (5.7-34.9)	0 (0-0)	0.4 (0.2-0.5)	0 (0-0)	1.7 (1-2.9)	86	89	31	13
Libya	1,080 (833-1,440)	676 (519-881)	-37.1 (-43.1--32.3)	15,200 (12,800-17,900)	15,600 (13,300-18,200)	2.2 (-6.2-9.5)	24 (19-34)	37 (27-56)	55.3 (11-129)	883 (644-1,220)	794 (611-1,030)	-10.1 (-20.4-3.4)	5 (3-7)	5 (3-7)	6.4 (-27.1-73.1)	505 (322-777)	335 (213-504)	-33.7 (-42.7--22.4)	0.1 (0.1-0.2)	15.5 (10.2-23.2)	0.2 (0.1-0.2)	11.4 (7-17.6)	53	49	2	3
Morocco	243 (202-283)	167 (136-195)	-31.3 (-34.9--26.9)	3,890 (3,190-4,510)	4,090 (3,380-4,800)	4.8 (-0.7-11.3)	38 (24-57)	28 (16-46)	-25.3 (-53.9-30.7)	154 (123-190)	156 (127-188)	1.4 (-6.7-10)	6 (3-11)	2 (1-4)	-70.2 (-85.2--42)	80 (55-111)	63 (44-86)	-20.9 (-30.1--10.5)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.6 (0.5-0.9)	82	88	38	19
Oman	298 (254-337)	391 (325-463)	31.4 (19.6-43.4)	6,720 (5,770-7,610)	12,800 (10,500-15,000)	90.9 (73.1-109)	16 (13-20)	17 (13-22)	8 (-16.4-44)	175 (143-210)	355 (291-427)	103 (81.3-127)	2 (1-3)	1 (1-2)	-33.3 (-53.3--9.1)	64 (42-91)	97 (64-137)	53.2 (31.2-74.1)	0.2 (0.2-0.3)	7.4 (4.7-10.7)	0.2 (0.1-0.3)	15.7 (10.4-23.1)	34	40	5	2
Palestine	126 (100-154)	122 (99-147)	-3.3 (-8.9-2.8)	2,230 (1,760-2,840)	3,470 (2,720-4,370)	55.3 (43.5-66.1)	4 (3-6)	5 (4-6)	9.7 (-18.2-48.7)	43 (33-56)	68 (54-88)	58.2 (42-75)	1 (0-1)	0 (0-1)	-48.4 (-70.9-2)	17 (11-26)	19 (12-30)	10 (-4.1-28.7)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	1.5 (0.9-2.4)	76	84	22	11
Qatar	13 (11-16)	32 (27-39)	143 (128-160)	430 (340-542)	2,070 (1,610-2,590)	382 (342-418)	1 (1-1)	2 (1-2)	114 (55.3-201)	10 (8-13)	51 (39-65)	392 (346-443)	0 (0-0)	0 (0-0)	-3.1 (-46.6-68.4)	2 (1-3)	6 (4-10)	194 (152-249)	0 (0-0.1)	1.5 (0.9-2.5)	0 (0-0.1)	4.8 (2.8-8.3)	73	74	15	5
Saudi Arabia	7,790 (7,230-8,300)	1,700 (1,420-2,010)	-78.2 (-81.5--74.5)	263,000 (246,000-281,000)	109,000 (89,300-130,000)	-58.7 (-66.1--52)	172 (133-219)	279 (205-378)	62.2 (3.5-138)	3,950 (3,530-4,420)	2,070 (1,640-2,570)	-47.6 (-58--36.2)	10 (6-14)	2 (1-4)	-80.2 (-89.9--65.2)	195 (148-250)	93 (68-122)	-52.2 (-61.3--42)	0.1 (0.1-0.1)	1.7 (1.2-2.2)	0.1 (0.1-0.2)	4.4 (2.9-6.1)	59	61	9	6
Sudan	9,070 (7,620-10,700)	5,870 (4,780-7,100)	-35.2 (-41.6--27.1)	153,000 (128,000-182,000)	154,000 (123,000-188,000)	0.3 (-10.7-13.2)	260 (164-359)	254 (157-404)	-2.1 (-32.3-46.9)	2,410 (1,990-2,940)	2,720 (2,200-3,340)	13 (0.7-25.6)	62 (24-107)	29 (16-46)	-52.9 (-71.8-23.3)	524 (409-676)	506 (399-654)	-3.5 (-13-7)	0.1 (0-0.1)	0.5 (0.4-0.6)	0.1 (0-0.1)	1.2 (0.9-1.6)	68	70	26	15
Syrian Arab Republic	169 (139-207)	68 (56-82)	-60 (-63--56.8)	2,120 (1,760-2,420)	1,370 (1,140-1,590)	-36.4 (-41.4--32.5)	30 (22-42)	18 (12-27)	-41.9 (-63.1--9.1)	120 (93-155)	65 (53-80)	-45.9 (-51.4--39.4)	4 (2-6)	2 (1-3)	-56.7 (-76.8--24.6)	72 (50-102)	29 (20-41)	-59.3 (-64--53.6)	0 (0-0.1)	0.8 (0.6-1.2)	0 (0-0.1)	0.7 (0.4-0.9)	73	77	23	25
Tunisia	222 (177-268)	167 (139-200)	-24.6 (-29.3--19.5)	6,690 (5,290-8,440)	6,670 (5,230-8,310)	-0.6 (-9.1-7.7)	16 (11-24)	15 (9-25)	-9.7 (-38.3-30.1)	135 (108-167)	164 (132-203)	21.6 (11.4-32.4)	1 (1-2)	0 (0-1)	-74.2 (-85.8--47.1)	31 (22-45)	27 (18-38)	-13.7 (-24.5--1.2)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	1.5 (1-2.2)	78	82	26	13
Türkiye	574 (512-668)	306 (267-353)	-46.7 (-51--42)	14,600 (13,100-16,400)	10,900 (9,730-12,400)	-25.5 (-32--17.4)	126 (90-166)	67 (50-84)	-46.8 (-62.5--26.8)	380 (327-447)	335 (290-391)	-12 (-19.1--4.9)	18 (10-34)	4 (2-6)	-80 (-88--55)	133 (98-184)	86 (63-122)	-35.2 (-43.6--25.8)	0 (0-0.1)	0.2 (0.2-0.3)	0 (0-0)	0.7 (0.5-1)	79	90	40	23
United Arab Emirates	15 (12-17)	14 (12-16)	-4 (-8.2-1.6)	680 (563-806)	1,580 (1,290-1,830)	132 (119-151)	3 (2-4)	5 (3-7)	53.6 (10.8-119)	12 (10-15)	44 (35-53)	253 (213-292)	0 (0-0)	0 (0-0)	-60.7 (-76.2--34.8)	1 (1-2)	2 (1-3)	67.5 (50.1-89.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.7 (0.5-1)	105	112	40	22
Yemen	253 (216-302)	273 (231-322)	7.6 (2.7-12.5)	2,580 (2,150-3,030)	4,270 (3,530-4,900)	64.7 (53.2-73.8)	25 (16-37)	30 (18-47)	20 (-26.3-113)	129 (102-162)	187 (153-234)	45.6 (34.9-57.8)	9 (4-17)	6 (3-11)	-33.9 (-62.4-57)	82 (59-111)	101 (73-140)	23.5 (11.3-37.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.3 (0.2-0.4)	84	88	47	38

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
South Asia	96,900 (68,700-129,000)	82,600 (58,800-110,000)	-14.7 (-16.8--12.3)	1,190,000 (881,000-1,560,000)	1,280,000 (949,000-1,680,000)	7.1 (4.3-9.9)	2,530 (1,770-3,040)	1,360 (932-1,730)	-46.4 (-58.4--32.3)	81,300 (56,800-113,000)	89,900 (64,200-123,000)	10.6 (6.4-15.5)	658 (410-920)	231 (111-372)	-64.9 (-81.9--31.4)	18,100 (11,600-26,600)	15,600 (10,200-22,800)	-13.8 (-17.8--9.7)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	1.3 (0.8-2)	83	95	22	13
South Asia	96,900 (68,700-129,000)	82,600 (58,800-110,000)	-14.7 (-16.8--12.3)	1,190,000 (881,000-1,560,000)	1,280,000 (949,000-1,680,000)	7.1 (4.3-9.9)	2,530 (1,770-3,040)	1,360 (932-1,730)	-46.4 (-58.4--32.3)	81,300 (56,800-113,000)	89,900 (64,200-123,000)	10.6 (6.4-15.5)	658 (410-920)	231 (111-372)	-64.9 (-81.9--31.4)	18,100 (11,600-26,600)	15,600 (10,200-22,800)	-13.8 (-17.8--9.7)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	1.3 (0.8-2)	83	95	22	13
Bangladesh	59 (44-77)	44 (32-58)	-25.4 (-34.8--18.3)	443 (327-578)	378 (263-499)	-14.7 (-29.8--6.5)	2 (1-3)	1 (1-1)	-56.9 (-76.8--6.3)	56 (42-75)	47 (35-62)	-16 (-27.1--8.4)	1 (0-2)	0 (0-1)	-72.6 (-88.7--1.8)	32 (22-47)	25 (17-36)	-23.1 (-31.1--14.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	130	130	87	67
Bhutan	0 (0-0)	0 (0-0)	-32.3 (-37.9--26.8)	2 (2-3)	2 (1-2)	-18.7 (-28.7--12.8)	0 (0-0)	0 (0-0)	-55.9 (-77.4--8.7)	0 (0-0)	0 (0-0)	-20.4 (-28--13.7)	0 (0-0)	0 (0-0)	-61.6 (-88-32.6)	0 (0-0)	0 (0-0)	-26 (-35.2--16.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	120	119	100	85
India	96,700 (68,600-129,000)	82,500 (58,700-110,000)	-14.7 (-16.8--12.3)	1,190,000 (880,000-1,560,000)	1,280,000 (948,000-1,680,000)	7 (4.3-9.9)	2,510 (1,760-3,010)	1,340 (921-1,710)	-46.6 (-58.4--32.7)	81,200 (56,700-113,000)	89,800 (64,100-123,000)	10.6 (6.4-15.5)	652 (406-910)	227 (108-366)	-65.3 (-82.2--31.5)	18,100 (11,600-26,500)	15,600 (10,100-22,700)	-13.8 (-17.8--9.7)	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	2 (1.3-3.2)	75	80	19	10
Nepal	27 (23-32)	20 (17-24)	-24.4 (-30.7--18.8)	248 (203-295)	242 (200-296)	-2.2 (-9.5-7.8)	2 (1-4)	2 (1-3)	-24.6 (-62.7-51.3)	20 (16-25)	20 (16-24)	-1.5 (-10.1-7.9)	1 (0-1)	0 (0-0)	-68 (-88.9-22.3)	8 (6-12)	7 (5-10)	-19.3 (-28--9.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	126	124	90	72
Pakistan	48 (31-72)	53 (36-79)	10.8 (3-18.4)	178 (118-248)	231 (158-320)	29.3 (19.4-39.1)	16 (7-30)	13 (5-25)	-18.1 (-65.5-94.1)	38 (24-59)	48 (32-72)	25.9 (13.2-41)	4 (2-9)	4 (2-8)	-12.8 (-58.7-140)	29 (17-47)	34 (22-54)	17.8 (6.2-33.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	126	97	102
Azad Jammu & Kashmir	1 (1-1)	1 (0-1)	-12.6 (-30.3--3.2)	3 (2-5)	3 (2-5)	1.3 (-9.5-9.6)	0 (0-1)	0 (0-0)	-45.6 (-76.8-44.3)	1 (0-1)	1 (0-1)	-2.1 (-19.6-9.1)	0 (0-0)	0 (0-0)	-49.7 (-80.5-28.2)	1 (0-1)	1 (0-1)	-7.5 (-27.5-3.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	128	99	100
Balochistan	2 (2-4)	4 (3-7)	84.8 (60.7-116)	9 (6-12)	17 (11-24)	97.9 (77-128)	1 (0-1)	1 (0-2)	26.7 (-37.2-182)	2 (1-3)	4 (2-6)	96.5 (65-136)	0 (0-0)	0 (0-1)	41.6 (-33.3-291)	1 (1-2)	3 (2-4)	91.1 (57.5-134)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	116	127	97	107
Gilgit-Baltistan	0 (0-1)	1 (0-1)	84.4 (60.9-108)	1 (1-2)	3 (2-4)	98.3 (77.1-120)	0 (0-0)	0 (0-0)	-14.5 (-67.3-202)	0 (0-0)	1 (0-1)	97 (64.8-129)	0 (0-0)	0 (0-0)	-35.7 (-73.2-83.1)	0 (0-0)	0 (0-1)	91.8 (55.5-124)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	117	128	100	97
Islamabad Capital Territory	0 (0-0)	0 (0-0)	91 (54.2-164)	1 (1-1)	2 (1-3)	121 (93.2-167)	0 (0-0)	0 (0-0)	-25.5 (-72.9-135)	0 (0-0)	0 (0-1)	118 (72.6-193)	0 (0-0)	0 (0-0)	-39.9 (-81.1-86.1)	0 (0-0)	0 (0-0)	105 (53-195)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	118	130	89	80
Khyber Pakhtunkhwa	7 (4-10)	10 (6-15)	58.6 (42.5-78.4)	28 (19-40)	48 (32-67)	69.2 (50.5-86.3)	2 (1-3)	2 (1-4)	11.4 (-63.8-218)	5 (3-8)	9 (6-14)	67.1 (30.2-96.2)	0 (0-1)	0 (0-1)	25.4 (-53.7-240)	4 (2-7)	6 (4-10)	61.9 (21.9-96.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	118	128	95	98
Punjab	26 (17-40)	24 (16-36)	-7.2 (-16.9-5.8)	95 (61-131)	106 (70-148)	11.1 (-0.8-22.3)	10 (4-19)	8 (3-15)	-21.5 (-68.2-113)	21 (13-32)	22 (15-33)	8.2 (-7.7-28.6)	3 (1-5)	2 (1-5)	-11.6 (-60.9-205)	16 (9-26)	16 (10-25)	-0.1 (-15.8-22.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	113	125	95	103
Sindh	11 (7-17)	12 (8-18)	6.9 (-6.9-19)	41 (26-57)	52 (34-72)	27.2 (14.4-41.2)	3 (1-7)	2 (1-6)	-29 (-70.8-65.1)	9 (5-14)	11 (7-17)	25.4 (7.8-42.5)	1 (0-2)	1 (0-2)	-31.4 (-74.5-108)	7 (4-11)	8 (5-13)	17 (-0.5-34.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	111	126	98	97
Southeast Asia, East Asia, and Oceania	687 (539-864)	610 (482-767)	-11.2 (-12.5--9.9)	25,300 (19,400-32,000)	22,300 (17,000-28,000)	-11.7 (-13.6--9.7)	237 (147-354)	176 (119-249)	-26 (-45.7-0.6)	754 (564-985)	744 (567-952)	-1.3 (-6.3-3.6)	10 (6-17)	2 (2-4)	-74.6 (-85.8--53.8)	61 (47-77)	56 (43-70)	-9.4 (-12.2--6.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	137	126	111
East Asia	653 (510-828)	580 (456-735)	-11.2 (-12.6--9.8)	25,000 (19,200-31,800)	22,100 (16,800-27,800)	-11.7 (-13.6--9.7)	226 (136-343)	170 (114-243)	-25.1 (-45.5-3)	724 (532-954)	715 (540-926)	-1.2 (-6.3-4)	6 (3-12)	1 (0-2)	-85.5 (-91.9--71.6)	43 (31-57)	38 (28-52)	-10.3 (-13.8--6.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	134	136	121	87
China	623 (486-788)	562 (441-712)	-9.8 (-11.3--8.4)	24,200 (18,500-30,600)	21,200 (16,100-26,700)	-12.1 (-14.1--10.2)	221 (132-333)	163 (110-237)	-26 (-46.4-2.2)	702 (516-922)	691 (520-895)	-1.5 (-6.6-3.6)	6 (3-12)	1 (0-2)	-85.5 (-91.9--71.4)	42 (30-56)	38 (27-51)	-9.6 (-13.1--6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	134	134	121	87
Democratic People's Republic of Korea	22 (17-29)	12 (9-16)	-44.4 (-48.6--40.3)	499 (377-644)	442 (330-563)	-12 (-18.6--6)	5 (3-9)	6 (4-10)	16.3 (-21.8-67.1)	12 (9-17)	13 (10-17)	4.6 (-5.8-14.8)	0 (0-0)	0 (0-0)	-67.1 (-84.1--30.2)	1 (1-1)	1 (0-1)	-38.6 (-46.3--27.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	132	132	115	106
Taiwan (Province of China)	9 (7-11)	6 (5-8)	-28.5 (-36.3--18.4)	386 (296-485)	438 (362-519)	12.6 (-0.1-29.6)	0 (0-0)	0 (0-0)	-88.8 (-90.4--86.9)	10 (7-13)	11 (9-14)	16 (0.3-35.4)	0 (0-0)	0 (0-0)	-97.3 (-98.2--96.2)	0 (0-0)	0 (0-0)	-21.3 (-32.5--7.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	112	127	92	80
Oceania	0 (0-0)	0 (0-0)	50.8 (43.9-58.9)	2 (0-4)	3 (0-7)	54.2 (45.5-68.5)	0 (0-0)	0 (0-0)	27.7 (-14.3-80.6)	0 (0-0)	0 (0-0)	58.9 (55.1-65.6)	0 (0-0)	0 (0-0)	-12.6 (-47.9-41.9)	0 (0-0)	0 (0-0)	58.6 (53.1-66.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	139	141	127	124
American Samoa	0 (0-0)	0 (0-0)	-38.3 (-53.3--35.3)	0 (0-0)	0 (0-0)	-19.9 (-36.6--14.6)	0 (0-0)	0 (0-0)	41.2 (-24.9-118)	0 (0-0)	0 (0-0)	-19.3 (-34.5--12.3)	0 (0-0)	0 (0-0)	-61.3 (-83.8--7.8)	0 (0-0)	0 (0-0)	-39.6 (-56.2--35.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	131	132	121	106
Cook Islands	0 (0-0)	0 (0-0)	-36.8 (-53.4--32.6)	0 (0-0)	0 (0-0)	-25.4 (-55.4--19.6)	0 (0-0)	0 (0-0)	-39.6 (-62.3--5.8)	0 (0-0)	0 (0-0)	-22.5 (-42.6--17)	0 (0-0)	0 (0-0)	-91.9 (-98.2--73.2)	0 (0-0)	0 (0-0)	-37.6 (-42--34)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	132	131	110	93
Fiji	0 (0-0)	0 (0-0)	-6.7 (-6.7--6.7)	0 (0-0)	0 (0-0)	-0.1 (-4.2-7.5)	0 (0-0)	0 (0-0)	1.1 (-29.4-46.2)	0 (0-0)	0 (0-0)	1.6 (0.1-3.1)	0 (0-0)	0 (0-0)	-7.3 (-61-136)	0 (0-0)	0 (0-0)	-0.6 (-5.8-4.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	133	116	114
Guam	0 (0-0)	0 (0-0)	-9.4 (-9.9--9.3)	0 (0-0)	0 (0-0)	-4.4 (-8.2--0.2)	0 (0-0)	0 (0-0)	-44.1 (-63.5-16.6)	0 (0-0)	0 (0-0)	-3 (-6.2--0.6)	0 (0-0)	0 (0-0)	-64.3 (-84.9--19.4)	0 (0-0)	0 (0-0)	-12.7 (-17.5--8.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	137	114	111
Kiribati	0 (0-0)	0 (0-0)	20.3 (9.9-131)	0 (0-0)	0 (0-0)	31 (15.9-292)	0 (0-0)	0 (0-0)	14.6 (-35.2-88.3)	0 (0-0)	0 (0-0)	30.3 (24.3-71.6)	0 (0-0)	0 (0-0)	-35.9 (-71-33)	0 (0-0)	0 (0-0)	22.1 (16.7-30)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	131	131	121	119
Marshall Islands	0 (0-0)	0 (0-0)	-20.4 (-36.3--2)	0 (0-0)	0 (0-0)	-10.4 (-26.5-22.1)	0 (0-0)	0 (0-0)	-18.7 (-46.9-33)	0 (0-0)	0 (0-0)	-8.2 (-29.5--1.4)	0 (0-0)	0 (0-0)	-62.5 (-83.7-49.7)	0 (0-0)	0 (0-0)	-17.5 (-40.8--11.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	135	117	112
Micronesia (Federated States of)	0 (0-0)	0 (0-0)	-36.2 (-36.3--36.2)	0 (0-0)	0 (0-0)	-25 (-30.2--21.6)	0 (0-0)	0 (0-0)	-35.7 (-59.6-5)	0 (0-0)	0 (0-0)	-22.8 (-30.2--16.5)	0 (0-0)	0 (0-0)	-74.9 (-87.1--9)	0 (0-0)	0 (0-0)	-36.4 (-39.2--33.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	135	113	107
Nauru	0 (0-0)	0 (0-0)	-28.6 (-61.7--23.1)	0 (0-0)	0 (0-0)	-8.8 (-68.5-2.7)	0 (0-0)	0 (0-0)	-38.8 (-61-13.4)	0 (0-0)	0 (0-0)	-9.6 (-33.7--3.2)	0 (0-0)	0 (0-0)	-60.8 (-81.5-12.2)	0 (0-0)	0 (0-0)	-21 (-27.7--16.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	135	119	114
Niue	0 (0-0)	0 (0-0)	-35.2 (-46.8--28.3)	0 (0-0)	0 (0-0)	-25.3 (-31.8--20.5)	0 (0-0)	0 (0-0)	-44.3 (-62.5--13.8)	0 (0-0)	0 (0-0)	-24.4 (-46.9--19)	0 (0-0)	0 (0-0)	-58.7 (-85.2-2.1)	0 (0-0)	0 (0-0)	-35 (-59.3--29.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	136	114	111

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Northern Mariana Islands	0 (0-0)	0 (0-0)	-81 (-81.8--77.3)	0 (0-0)	0 (0-0)	-61.5 (-63.7--51.4)	0 (0-0)	0 (0-0)	-65.2 (-78.6--35.4)	0 (0-0)	0 (0-0)	-59.2 (-64.1--52.8)	0 (0-0)	0 (0-0)	-89.1 (-95.9--71.3)	0 (0-0)	0 (0-0)	-73.9 (-75.7--70.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	137	117	116
Palau	0 (0-0)	0 (0-0)	-54.5 (-56.7--43.3)	0 (0-0)	0 (0-0)	-33.4 (-38.3--13.5)	0 (0-0)	0 (0-0)	-34.5 (-56.3--7)	0 (0-0)	0 (0-0)	-32.5 (-39.4--27.6)	0 (0-0)	0 (0-0)	-66.5 (-82.1--27.3)	0 (0-0)	0 (0-0)	-49.9 (-52.4--47.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	131	110	109
Papua New Guinea	0 (0-0)	0 (0-0)	68.7 (60.7-74.7)	1 (0-3)	2 (0-5)	75.8 (64.7-95.9)	0 (0-0)	0 (0-0)	44.8 (-13.7-112)	0 (0-0)	0 (0-0)	76.7 (72.8-80.8)	0 (0-0)	0 (0-0)	-2.7 (-43.9-56.7)	0 (0-0)	0 (0-0)	73.1 (66.9-80)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	139	124	121
Samoa	0 (0-0)	0 (0-0)	30.3 (-4.3-34.4)	0 (0-0)	0 (0-0)	17.9 (-8.5-28.8)	0 (0-0)	0 (0-0)	-0.1 (-47.2-65)	0 (0-0)	0 (0-0)	18.2 (-9.3-23)	0 (0-0)	0 (0-0)	-50 (-80.3-12)	0 (0-0)	0 (0-0)	13.9 (-17.4-20.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	136	115	108
Solomon Islands	0 (0-0)	0 (0-0)	9.3 (2.8-12.2)	0 (0-0)	0 (0-0)	37 (27.8-44.7)	0 (0-0)	0 (0-0)	18.7 (-28.8-97.6)	0 (0-0)	0 (0-0)	35.1 (6.7-43.7)	0 (0-0)	0 (0-0)	-47.5 (-73.7-9.9)	0 (0-0)	0 (0-0)	19.6 (-6.5-26)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	137	118	116
Tokelau	0 (0-0)	0 (0-0)	-30.7 (-37--20.1)	0 (0-0)	0 (0-0)	-20.7 (-27.7--9.4)	0 (0-0)	0 (0-0)	-43.3 (-64-2.5)	0 (0-0)	0 (0-0)	-17.4 (-25.6--12.6)	0 (0-0)	0 (0-0)	-77 (-92--48.1)	0 (0-0)	0 (0-0)	-22.5 (-32.4--16.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	135	115	103
Tonga	0 (0-0)	0 (0-0)	-14.9 (-20.4--13.6)	0 (0-0)	0 (0-0)	-8.1 (-15.8--4.3)	0 (0-0)	0 (0-0)	-24.7 (-47.7-10.1)	0 (0-0)	0 (0-0)	-7.6 (-16.5--3.9)	0 (0-0)	0 (0-0)	-53.5 (-78.4--12)	0 (0-0)	0 (0-0)	-13.4 (-22.3--8.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	135	118	115
Tuvalu	0 (0-0)	0 (0-0)	-4.8 (-6.6-3.5)	0 (0-0)	0 (0-0)	13.7 (5.6-26.1)	0 (0-0)	0 (0-0)	-25.2 (-52.7-6.7)	0 (0-0)	0 (0-0)	12.6 (1.2-24.2)	0 (0-0)	0 (0-0)	-64.2 (-83.5--20.2)	0 (0-0)	0 (0-0)	-6.8 (-11.8--0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	135	118	111
Vanuatu	0 (0-0)	0 (0-0)	15.8 (-16-19.5)	0 (0-0)	0 (0-0)	43 (7-54.9)	0 (0-0)	0 (0-0)	17.8 (-26.7-83.2)	0 (0-0)	0 (0-0)	39.6 (4.8-49.2)	0 (0-0)	0 (0-0)	-47.3 (-74.4-24.1)	0 (0-0)	0 (0-0)	21.2 (-14-29)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	137	117	113
Southeast Asia	33 (24-42)	29 (22-36)	-12.4 (-14.6--7.8)	237 (152-385)	233 (146-384)	-2.2 (-6.4-2.7)	11 (8-15)	6 (4-8)	-45.9 (-63.5--27)	30 (22-40)	30 (22-39)	-3.5 (-7.6-3.5)	4 (2-6)	2 (1-2)	-55.6 (-74.9--25.7)	19 (13-26)	17 (12-24)	-7.6 (-11.1--0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	132	136	123	113
Cambodia	1 (1-1)	1 (1-1)	-0.7 (-7.4-21.2)	6 (3-9)	6 (3-10)	6.8 (-4.6-39.9)	0 (0-0)	0 (0-0)	-44.9 (-69.9-4.7)	1 (1-1)	1 (1-1)	5.3 (-5.5-61.9)	0 (0-0)	0 (0-0)	-61.4 (-80.7--0.8)	1 (0-1)	1 (0-1)	5 (-8.7-65.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	138	138	123	107
Indonesia	14 (10-17)	11 (8-14)	-20.8 (-23.6--11.1)	96 (61-153)	91 (55-150)	-5.8 (-11-0.2)	4 (2-5)	2 (1-3)	-44.8 (-67.4--15.3)	12 (9-17)	12 (8-16)	-6.9 (-12.3-5.6)	2 (1-3)	1 (0-1)	-52.5 (-72--18.7)	8 (5-11)	7 (5-9)	-13.9 (-18.1-0.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	130	122	109
Aceh	0 (0-0)	0 (0-0)	-19.4 (-25.5--6)	2 (1-3)	2 (1-3)	-2.6 (-13.2-8.1)	0 (0-0)	0 (0-0)	-45 (-74.8-12.3)	0 (0-0)	0 (0-0)	-4.8 (-11.4-20.4)	0 (0-0)	0 (0-0)	-59.2 (-83.7-16.7)	0 (0-0)	0 (0-0)	-11.7 (-18.8-17.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	130	121	106
Bali	0 (0-0)	0 (0-0)	-28.4 (-31--1.3)	1 (1-2)	1 (1-2)	-6.8 (-13.9-8.8)	0 (0-0)	0 (0-0)	-55.3 (-76.1--23)	0 (0-0)	0 (0-0)	-7.7 (-13.8-16.9)	0 (0-0)	0 (0-0)	-66.2 (-83.8--28.3)	0 (0-0)	0 (0-0)	-20.6 (-26.6-7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	133	106	103
Bangka-Belitung Islands	0 (0-0)	0 (0-0)	-16.9 (-32.2-1.5)	0 (0-1)	0 (0-1)	0.5 (-8.1-14.2)	0 (0-0)	0 (0-0)	-31.2 (-63-10.2)	0 (0-0)	0 (0-0)	-1.5 (-15.1-27.2)	0 (0-0)	0 (0-0)	-29.2 (-61.4-49.9)	0 (0-0)	0 (0-0)	-9.6 (-25.6-21.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	129	112	110
Banten	1 (0-1)	1 (0-1)	-28.9 (-33.5--3)	5 (3-8)	4 (2-7)	-18.4 (-25.3--3.6)	0 (0-0)	0 (0-0)	-62.4 (-80.4--35.2)	1 (0-1)	1 (0-1)	-19.1 (-23.6-10.8)	0 (0-0)	0 (0-0)	-68.8 (-85.3--29.8)	0 (0-1)	0 (0-1)	-22.9 (-29.3-10.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	129	118	106
Bengkulu	0 (0-0)	0 (0-0)	-21 (-26.6-24.3)	1 (0-1)	1 (0-1)	-6.3 (-15.6-21.9)	0 (0-0)	0 (0-0)	-54.7 (-78.3--10.7)	0 (0-0)	0 (0-0)	-7.8 (-12.8-26.6)	0 (0-0)	0 (0-0)	-61.7 (-82.9--7.6)	0 (0-0)	0 (0-0)	-13.7 (-19.9-24.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	129	120	109
Gorontalo	0 (0-0)	0 (0-0)	10.4 (5.4-30.4)	0 (0-1)	0 (0-1)	33.5 (21.3-50.3)	0 (0-0)	0 (0-0)	3.9 (-50-95.3)	0 (0-0)	0 (0-0)	24.5 (15.7-64.8)	0 (0-0)	0 (0-0)	-30.7 (-67.6-60.4)	0 (0-0)	0 (0-0)	11.9 (3.3-55.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	123	125	117	109
Jakarta	1 (0-1)	0 (0-1)	-38.5 (-46--21.9)	4 (3-7)	3 (2-6)	-21.4 (-28.6--13.8)	0 (0-0)	0 (0-0)	-61.7 (-77--36.3)	1 (0-1)	0 (0-1)	-21.8 (-32.6-8.1)	0 (0-0)	0 (0-0)	-67.8 (-82.1--37.4)	0 (0-0)	0 (0-0)	-28.1 (-40.4-7.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	129	117	108
Jambi	0 (0-0)	0 (0-0)	-13.4 (-19.4-15.7)	1 (1-2)	1 (1-2)	2.7 (-7.9-22.2)	0 (0-0)	0 (0-0)	-43.6 (-68.3--4.3)	0 (0-0)	0 (0-0)	1.4 (-4.6-38)	0 (0-0)	0 (0-0)	-48.2 (-76.1-16.1)	0 (0-0)	0 (0-0)	-6.5 (-13.1-36.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	130	132	119	107
West Java	2 (2-3)	2 (1-3)	-8.5 (-15.6-36.3)	16 (10-26)	18 (11-30)	10.4 (1.7-35.9)	1 (0-1)	0 (0-1)	-36.3 (-63.5-10.4)	2 (1-3)	2 (2-3)	7.1 (-1-54.1)	0 (0-1)	0 (0-0)	-48.7 (-72.3-15.5)	1 (1-2)	1 (1-2)	-1.6 (-10.8-53.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	128	116	103
Central Java	2 (1-2)	1 (1-1)	-35.2 (-39.8--12.7)	14 (8-22)	11 (7-18)	-21.9 (-29.8--9.5)	0 (0-1)	0 (0-0)	-56.8 (-77.2--25.9)	2 (1-2)	1 (1-2)	-24.1 (-34.4-3.5)	0 (0-0)	0 (0-0)	-63.9 (-82.2--11)	1 (1-1)	1 (0-1)	-31.5 (-42.4-1.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	129	115	102
East Java	2 (1-2)	1 (1-1)	-35.2 (-38.6--28.4)	14 (9-23)	11 (6-19)	-20.3 (-27--12)	0 (0-1)	0 (0-0)	-51.2 (-75.8--27.9)	2 (1-2)	1 (1-2)	-22 (-27--0.4)	0 (0-0)	0 (0-0)	-64.1 (-83.2--27.8)	1 (1-1)	1 (0-1)	-30.8 (-36.7--7.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	129	113	102
West Kalimantan	0 (0-0)	0 (0-0)	-18.1 (-22.1-13.3)	2 (1-3)	2 (1-3)	-2.1 (-10.5-19.7)	0 (0-0)	0 (0-0)	-48.6 (-71.3-11.4)	0 (0-0)	0 (0-0)	-3.6 (-10.2-48.9)	0 (0-0)	0 (0-0)	-54.7 (-79.2-24.2)	0 (0-0)	0 (0-0)	-10.1 (-18.2-48.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	131	122	114
South Kalimantan	0 (0-0)	0 (0-0)	-22.1 (-26.2-3.3)	1 (1-2)	1 (1-2)	-4.3 (-13.1-12.8)	0 (0-0)	0 (0-0)	-48.4 (-71.1--12.9)	0 (0-0)	0 (0-0)	-6.8 (-12.7-24.2)	0 (0-0)	0 (0-0)	-59.4 (-77.8-9.2)	0 (0-0)	0 (0-0)	-14.4 (-20.7-21)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	131	120	107
Central Kalimantan	0 (0-0)	0 (0-0)	-15.1 (-18.9-16.2)	1 (1-1)	1 (1-2)	2.6 (-5.9-19.2)	0 (0-0)	0 (0-0)	-30.3 (-59-18.7)	0 (0-0)	0 (0-0)	0.3 (-5.7-34.9)	0 (0-0)	0 (0-0)	-32.7 (-66.1-40.7)	0 (0-0)	0 (0-0)	-7.7 (-14.4-30.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	129	116	111
East Kalimantan	0 (0-0)	0 (0-0)	0.2 (-4.7-28)	1 (1-2)	1 (1-2)	24.7 (16.9-42.7)	0 (0-0)	0 (0-0)	-35.5 (-61-3.7)	0 (0-0)	0 (0-0)	24.8 (18.2-68.8)	0 (0-0)	0 (0-0)	-47.8 (-74.7-9.1)	0 (0-0)	0 (0-0)	14.3 (4.9-64.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	130	131	115	108
North Kalimantan	0 (0-0)	0 (0-0)	11.7 (3.9-31.1)	0 (0-0)	0 (0-0)	47.1 (30.9-63.4)	0 (0-0)	0 (0-0)	-31.3 (-56.7-28)	0 (0-0)	0 (0-0)	35.9 (27.1-74)	0 (0-0)	0 (0-0)	-36.7 (-64.9-48.7)	0 (0-0)	0 (0-0)	20.7 (11.6-63.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	128	118	111
Riau Islands	0 (0-0)	0 (0-0)	-14.4 (-20.2-10.5)	1 (0-1)	1 (0-1)	6.3 (-2.5-23.1)	0 (0-0)	0 (0-0)	-54.5 (-73.7--3.2)	0 (0-0)	0 (0-0)	10.5 (4.7-47.8)	0 (0-0)	0 (0-0)	-59.2 (-77.7-1.7)	0 (0-0)	0 (0-0)	6.3 (-3-48.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	128	116	108

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Lampung	0 (0-1)	0 (0-0)	-30.8 (-38.4--11.2)	3 (2-6)	3 (2-5)	-18.5 (-26.7--5.2)	0 (0-0)	0 (0-0)	-40.8 (-63.8-6.9)	0 (0-1)	0 (0-0)	-19.6 (-25.2-11.1)	0 (0-0)	0 (0-0)	-42.1 (-68.2-43.9)	0 (0-0)	0 (0-0)	-26.4 (-32.6-7.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	129	113	110
Maluku	0 (0-0)	0 (0-0)	-20.1 (-28.9-5.3)	1 (0-1)	1 (0-1)	0.1 (-10.7-19.1)	0 (0-0)	0 (0-0)	-53.5 (-75.7-11.8)	0 (0-0)	0 (0-0)	-3.5 (-9.4-39.7)	0 (0-0)	0 (0-0)	-60 (-79.6-7.5)	0 (0-0)	0 (0-0)	-11 (-18.1-35.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	130	124	110
North Maluku	0 (0-0)	0 (0-0)	-19.8 (-25.1-23.9)	0 (0-1)	0 (0-1)	-1.7 (-12.7-27.6)	0 (0-0)	0 (0-0)	-37.9 (-62.5-23.1)	0 (0-0)	0 (0-0)	-5.7 (-11.2-23)	0 (0-0)	0 (0-0)	-41 (-71.1-48)	0 (0-0)	0 (0-0)	-13.2 (-18.8-18.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	129	121	115
West Nusa Tenggara	0 (0-0)	0 (0-0)	-15.2 (-19.3-13.4)	2 (1-3)	2 (1-3)	-0.9 (-9.4-22.8)	0 (0-0)	0 (0-0)	-47.2 (-81.8--2.1)	0 (0-0)	0 (0-0)	-2.1 (-7.7-37.5)	0 (0-0)	0 (0-0)	-60.4 (-83.4-15.1)	0 (0-0)	0 (0-0)	-7.7 (-15-37.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	131	131	117	101
East Nusa Tenggara	0 (0-0)	0 (0-0)	-9.8 (-18.5-33.8)	2 (1-3)	2 (1-4)	10.1 (-1-39.6)	0 (0-0)	0 (0-0)	-37.2 (-67.9-20.7)	0 (0-0)	0 (0-0)	5.3 (-1.1-40.8)	0 (0-0)	0 (0-0)	-49.6 (-75.8-30.1)	0 (0-0)	0 (0-0)	-3.4 (-10-37.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	128	116	111
Papua	0 (0-0)	0 (0-0)	63.4 (52.9-142)	1 (1-1)	2 (1-3)	92.5 (72.3-148)	0 (0-0)	0 (0-0)	42.2 (-15.3-156)	0 (0-0)	0 (0-0)	87.4 (78-150)	0 (0-0)	0 (0-0)	44.9 (-20.3-201)	0 (0-0)	0 (0-0)	75.2 (63.5-142)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	131	122	122
West Papua	0 (0-0)	0 (0-0)	-16.7 (-24.3-48.8)	0 (0-1)	0 (0-1)	-3.5 (-15-39.7)	0 (0-0)	0 (0-0)	-40.9 (-68.4-19.3)	0 (0-0)	0 (0-0)	-3.8 (-9.2-36.2)	0 (0-0)	0 (0-0)	-34.2 (-69.3-54.8)	0 (0-0)	0 (0-0)	-8.1 (-15.3-36.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	131	117	115
Riau	0 (0-0)	0 (0-1)	51.6 (45.7-92.2)	2 (1-3)	3 (2-6)	83.6 (71.1-114)	0 (0-0)	0 (0-0)	-27.2 (-58.2-18)	0 (0-0)	0 (0-1)	81.4 (71.4-146)	0 (0-0)	0 (0-0)	-41.1 (-69.9-7.2)	0 (0-0)	0 (0-0)	67.4 (55.1-146)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	132	122	106
West Sulawesi	0 (0-0)	0 (0-0)	-5 (-7.7-14.6)	0 (0-1)	1 (0-1)	18.9 (7-35.7)	0 (0-0)	0 (0-0)	-28.4 (-56.1-34.6)	0 (0-0)	0 (0-0)	12.5 (6.2-38)	0 (0-0)	0 (0-0)	-33.5 (-66.3-97.5)	0 (0-0)	0 (0-0)	2.3 (-3.3-28.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	129	119	114
South Sulawesi	1 (0-1)	0 (0-1)	-27.8 (-33.1-5.8)	4 (2-5)	3 (2-5)	-11.5 (-20.8-9.2)	0 (0-0)	0 (0-0)	-42.9 (-68.4-4.6)	0 (0-1)	0 (0-1)	-14.2 (-20.2-13.6)	0 (0-0)	0 (0-0)	-55 (-77-11.6)	0 (0-0)	0 (0-0)	-22.2 (-28.6-7.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	131	133	114	101
Central Sulawesi	0 (0-0)	0 (0-0)	-18.5 (-23.1-13.9)	1 (1-2)	1 (1-2)	3.2 (-8.6-26.5)	0 (0-0)	0 (0-0)	-37.2 (-63.6-4.8)	0 (0-0)	0 (0-0)	-0.8 (-7.9-35.3)	0 (0-0)	0 (0-0)	-45.4 (-69.9-33.7)	0 (0-0)	0 (0-0)	-11 (-18.5-27)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	131	119	115
Southeast Sulawesi	0 (0-0)	0 (0-0)	-3.1 (-7.7-27.3)	1 (1-1)	1 (1-2)	15.9 (6.3-34.3)	0 (0-0)	0 (0-0)	-16.7 (-41.7-28.7)	0 (0-0)	0 (0-0)	12.8 (6.8-47.2)	0 (0-0)	0 (0-0)	-13.4 (-50.9-62.5)	0 (0-0)	0 (0-0)	4.5 (-3.7-43.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	128	117	116
North Sulawesi	0 (0-0)	0 (0-0)	-42.2 (-47--33.9)	1 (1-2)	1 (0-1)	-26.2 (-33--20.1)	0 (0-0)	0 (0-0)	-45 (-65.5--10.2)	0 (0-0)	0 (0-0)	-29.4 (-34.6--13.6)	0 (0-0)	0 (0-0)	-32.4 (-60.4-12.8)	0 (0-0)	0 (0-0)	-38.9 (-43.9--21.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	128	108	114
West Sumatra	0 (0-0)	0 (0-0)	-30.8 (-34.6--15.7)	2 (1-3)	2 (1-3)	-14.1 (-23.7--4)	0 (0-0)	0 (0-0)	-61.2 (-80.9--27.8)	0 (0-0)	0 (0-0)	-18 (-34.4-7.9)	0 (0-0)	0 (0-0)	-69.8 (-86.6--22.4)	0 (0-0)	0 (0-0)	-25.2 (-42.3-4.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	123	128	117	105
South Sumatra	0 (0-1)	0 (0-0)	-22.9 (-30--7.4)	3 (2-6)	3 (2-5)	-8.5 (-23-3.2)	0 (0-0)	0 (0-0)	-50.1 (-71.4--4)	0 (0-1)	0 (0-1)	-9.7 (-20.1-19.6)	0 (0-0)	0 (0-0)	-59.9 (-77.9--8.6)	0 (0-0)	0 (0-0)	-16.1 (-27-19.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	127	117	106
North Sumatra	1 (1-1)	1 (0-1)	-22.1 (-26.1--5.7)	6 (4-10)	5 (3-9)	-8.2 (-17.2-5.3)	0 (0-0)	0 (0-0)	-31.7 (-59.4-3.6)	1 (1-1)	1 (1-1)	-10.3 (-16-19.4)	0 (0-0)	0 (0-0)	-32.2 (-60.2-24.1)	1 (0-1)	0 (0-1)	-16.6 (-24.6-17.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	123	126	113	112
Yogyakarta	0 (0-0)	0 (0-0)	-26.7 (-30.6--13.9)	1 (1-2)	1 (1-2)	-13.8 (-20.1-11.9)	0 (0-0)	0 (0-0)	-34.8 (-60.4-3.8)	0 (0-0)	0 (0-0)	-13.9 (-18.6-7.1)	0 (0-0)	0 (0-0)	-50.6 (-73.5-0)	0 (0-0)	0 (0-0)	-22.1 (-28.5-4.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	130	103	99
Lao People's Democratic Republic	1 (0-1)	1 (0-1)	-4.4 (-8.3-28.1)	2 (1-4)	3 (1-4)	6.5 (-1.9-33.9)	0 (0-0)	0 (0-0)	-51 (-70.9-5.5)	0 (0-1)	0 (0-1)	3.1 (-0.5-39)	0 (0-0)	0 (0-0)	-64 (-80.4--8.9)	0 (0-0)	0 (0-0)	1.4 (-5.8-41.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	136	121	110
Malaysia	1 (1-2)	1 (1-2)	6.5 (-2-19)	11 (6-19)	12 (6-21)	6 (-3.2-15.4)	0 (0-0)	0 (0-0)	-15.1 (-48.6-47.7)	1 (1-2)	1 (1-2)	2.1 (-10.5-46.6)	0 (0-0)	0 (0-0)	-62.2 (-81.3--31.1)	1 (0-1)	1 (0-1)	-2.3 (-18-50)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	135	98	93
Maldives	0 (0-0)	0 (0-0)	14.3 (10.8-38.2)	0 (0-0)	0 (0-0)	25.2 (9.3-49.3)	0 (0-0)	0 (0-0)	-26.6 (-61.5-11.7)	0 (0-0)	0 (0-0)	16.4 (6.2-52.2)	0 (0-0)	0 (0-0)	-61.9 (-79.1--8.4)	0 (0-0)	0 (0-0)	14 (3-55.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	132	132	102	84
Mauritius	0 (0-0)	0 (0-0)	-35.6 (-40.1--14.3)	0 (0-1)	0 (0-1)	-27.7 (-34.6--13.3)	4 (3-4)	1 (1-1)	-67.9 (-72.3--63.4)	0 (0-0)	0 (0-0)	-30.1 (-37.6--10.8)	0 (0-0)	0 (0-0)	-86.5 (-90.6--82.2)	0 (0-0)	0 (0-0)	-36.8 (-45.8--12.7)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	49	73	89	87
Myanmar	4 (2-5)	3 (2-5)	-15.4 (-17.6--4.9)	18 (9-30)	17 (9-30)	-3.8 (-12.2-25.2)	0 (0-1)	0 (0-0)	-60.5 (-75.3--23.1)	3 (2-5)	3 (2-4)	-6.6 (-11.5-19.4)	0 (0-0)	0 (0-0)	-68.2 (-81.8--18.9)	2 (1-3)	2 (1-3)	-9.3 (-14-19)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	137	123	115
Philippines	6 (5-8)	7 (5-9)	15.1 (13.3-23.8)	41 (25-63)	50 (30-79)	23.1 (19.9-29.2)	2 (1-3)	2 (1-3)	-16.2 (-53.7-33.3)	5 (4-7)	6 (4-9)	21.9 (18.6-30.3)	1 (0-2)	0 (0-1)	-47.3 (-78.3-3)	3 (2-5)	4 (3-5)	18 (15.3-27.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	131	115	112
Abra	0 (0-0)	0 (0-0)	-17.6 (-25.8-8.4)	0 (0-0)	0 (0-0)	-3.2 (-15.6-14.9)	0 (0-0)	0 (0-0)	11.5 (-46-89.6)	0 (0-0)	0 (0-0)	-4.1 (-13.8-26.2)	0 (0-0)	0 (0-0)	-60.6 (-84.4--7.4)	0 (0-0)	0 (0-0)	-11.4 (-21.4-24.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	130	132	105	96
Agusan Del Norte	0 (0-0)	0 (0-0)	10.4 (6.7-26.4)	0 (0-0)	0 (0-1)	15.3 (7.1-26.9)	0 (0-0)	0 (0-0)	-50.1 (-76.3--18)	0 (0-0)	0 (0-0)	14.5 (10.6-52.1)	0 (0-0)	0 (0-0)	-59 (-81.6--23.5)	0 (0-0)	0 (0-0)	11.3 (2.4-56.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	127	118	107
Agusan Del Sur	0 (0-0)	0 (0-0)	-7 (-10.2-20.3)	0 (0-0)	0 (0-1)	8.7 (0.6-25.3)	0 (0-0)	0 (0-0)	22.5 (-33-103)	0 (0-0)	0 (0-0)	6.8 (-8.3-45.8)	0 (0-0)	0 (0-0)	-7.4 (-63.3-115)	0 (0-0)	0 (0-0)	1.3 (-15.3-43.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	130	133	118	118
Akian	0 (0-0)	0 (0-0)	21.7 (13.6-61.6)	0 (0-0)	0 (0-0)	21.6 (13.9-47.5)	0 (0-0)	0 (0-0)	8.1 (-47.1-79.8)	0 (0-0)	0 (0-0)	22.8 (19.1-61.8)	0 (0-0)	0 (0-0)	-25.7 (-70.2-59.7)	0 (0-0)	0 (0-0)	21 (12-66.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	128	111	111
Albay	0 (0-0)	0 (0-0)	5.7 (4.5-15.6)	1 (0-1)	1 (0-1)	8.8 (3.3-16.6)	0 (0-0)	0 (0-0)	-35.2 (-64.7-3.5)	0 (0-0)	0 (0-0)	7.3 (4.6-22.8)	0 (0-0)	0 (0-0)	-57.5 (-83.1--11)	0 (0-0)	0 (0-0)	4.2 (-2-22.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	128	108	100
Antique	0 (0-0)	0 (0-0)	6 (2.2-36.3)	0 (0-0)	0 (0-0)	13.6 (5.3-35.4)	0 (0-0)	0 (0-0)	-19.4 (-61-40.3)	0 (0-0)	0 (0-0)	12.9 (8.8-51.2)	0 (0-0)	0 (0-0)	-58.6 (-86--5.2)	0 (0-0)	0 (0-0)	7 (-0.7-48.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	128	114	103

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Apayao	0 (0-0)	0 (0-0)	-22.5 (-29--10.8)	0 (0-0)	0 (0-0)	-1.3 (-9.5-9.1)	0 (0-0)	0 (0-0)	-35.8 (-70.1-14.4)	0 (0-0)	0 (0-0)	-4.2 (-16.5-29.9)	0 (0-0)	0 (0-0)	-67.2 (-87.5-6.5)	0 (0-0)	0 (0-0)	-10.3 (-23.6-28.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	127	117	109
Aurora	0 (0-0)	0 (0-0)	-2.3 (-6.2-14.3)	0 (0-0)	0 (0-0)	8.9 (1.1-23.1)	0 (0-0)	0 (0-0)	-35.2 (-70.6-18.8)	0 (0-0)	0 (0-0)	8.4 (3.6-46.4)	0 (0-0)	0 (0-0)	-74 (-90.6--36.9)	0 (0-0)	0 (0-0)	4.1 (-2.5-48.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	127	119	100
Basilan	0 (0-0)	0 (0-0)	30.3 (25.1-66.2)	0 (0-0)	0 (0-0)	43.5 (35.5-65.7)	0 (0-0)	0 (0-0)	-20.3 (-65.6-53.8)	0 (0-0)	0 (0-0)	41.9 (37.6-72.2)	0 (0-0)	0 (0-0)	-48.9 (-81.6-48.1)	0 (0-0)	0 (0-0)	37.1 (26.6-73.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	130	105	93
Bataan	0 (0-0)	0 (0-0)	15.3 (-0.3-61.9)	0 (0-0)	0 (0-1)	23.3 (10.6-49.9)	0 (0-0)	0 (0-0)	13.2 (-43.4-106)	0 (0-0)	0 (0-0)	23 (18.7-61.4)	0 (0-0)	0 (0-0)	-16.9 (-69.4-110)	0 (0-0)	0 (0-0)	18.3 (10.6-63.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	129	111	111
Batanes	0 (0-0)	0 (0-0)	-27.8 (-30.9--12.2)	0 (0-0)	0 (0-0)	-14.4 (-19.9--3.5)	0 (0-0)	0 (0-0)	-39.5 (-70.8-11.6)	0 (0-0)	0 (0-0)	-15.9 (-20.2--8.8)	0 (0-0)	0 (0-0)	-68.4 (-87.4--19.4)	0 (0-0)	0 (0-0)	-22.8 (-28.8--15.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	127	106	97
Batangas	0 (0-0)	0 (0-0)	43.5 (26.2-62.6)	1 (1-2)	1 (1-2)	39.6 (28.7-52.9)	0 (0-0)	0 (0-0)	-4.2 (-51.5-59)	0 (0-0)	0 (0-0)	39.7 (22-75)	0 (0-0)	0 (0-0)	-48.8 (-77-36.4)	0 (0-0)	0 (0-0)	40.4 (18.6-82.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	129	109	98
Benguet	0 (0-0)	0 (0-0)	30.2 (18.5-60.4)	0 (0-0)	0 (0-1)	28.1 (17-46.3)	0 (0-0)	0 (0-0)	-52.3 (-75--15.6)	0 (0-0)	0 (0-0)	28.4 (15.2-62.9)	0 (0-0)	0 (0-0)	-75 (-89.9--42.1)	0 (0-0)	0 (0-0)	29.9 (14.4-73.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	130	113	94
Biliran	0 (0-0)	0 (0-0)	1.7 (-2.4-35.4)	0 (0-0)	0 (0-0)	10.2 (2.2-33.8)	0 (0-0)	0 (0-0)	3.1 (-45-71.6)	0 (0-0)	0 (0-0)	10.8 (7.3-22.2)	0 (0-0)	0 (0-0)	-57.4 (-82.7--8.8)	0 (0-0)	0 (0-0)	5.6 (-2.9-24.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	123	130	105	95
Bohol	0 (0-0)	0 (0-0)	-22.3 (-26.2-7.3)	1 (0-1)	1 (0-1)	-4.8 (-15.4-16)	0 (0-0)	0 (0-0)	-16.7 (-57.3-48.1)	0 (0-0)	0 (0-0)	-7.5 (-11.8-24.8)	0 (0-0)	0 (0-0)	-52.5 (-81.8--3.4)	0 (0-0)	0 (0-0)	-15.6 (-21.2-20)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	130	131	111	111
Bukidnon	0 (0-0)	0 (0-0)	-4.9 (-16.8-15.1)	1 (0-1)	1 (0-1)	13.7 (-1.2-28.9)	0 (0-0)	0 (0-0)	6.8 (-50.1-96.8)	0 (0-0)	0 (0-0)	11.6 (-1.1-56.8)	0 (0-0)	0 (0-0)	-25.3 (-72.7-77.3)	0 (0-0)	0 (0-0)	4.8 (-10.5-53.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	130	115	118
Bulacan	0 (0-0)	0 (0-0)	31.8 (26-82.5)	1 (1-2)	2 (1-3)	37.8 (28.1-61.9)	0 (0-0)	0 (0-0)	30.2 (-35.3-112)	0 (0-0)	0 (0-0)	34.9 (29.9-64.4)	0 (0-0)	0 (0-0)	-31 (-69.4-68.3)	0 (0-0)	0 (0-0)	28.6 (20.1-66.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	132	107	103
Cagayan	0 (0-0)	0 (0-0)	-0.5 (-7.6-6.8)	0 (0-1)	0 (0-1)	5.6 (-2-16.4)	0 (0-0)	0 (0-0)	-26.4 (-65.3-24.9)	0 (0-0)	0 (0-0)	4.4 (-7.8-36.8)	0 (0-0)	0 (0-0)	-56.7 (-84.6--7)	0 (0-0)	0 (0-0)	1.9 (-12.5-37.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	127	117	112
Camarines Norte	0 (0-0)	0 (0-0)	5 (2-28.4)	0 (0-0)	0 (0-0)	13.4 (7.7-24.7)	0 (0-0)	0 (0-0)	25.7 (-32-123)	0 (0-0)	0 (0-0)	12.5 (9.2-44.1)	0 (0-0)	0 (0-0)	0.4 (-60.9-110)	0 (0-0)	0 (0-0)	7.7 (-0.7-45.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	127	105	110
Camarines Sur	0 (0-0)	0 (0-0)	9.7 (6.7-19.5)	1 (1-1)	1 (1-2)	17.9 (10.4-29.7)	0 (0-0)	0 (0-0)	-13.8 (-61.2-48.6)	0 (0-0)	0 (0-0)	16.1 (12.7-42.6)	0 (0-0)	0 (0-0)	-44.6 (-78.1-28.4)	0 (0-0)	0 (0-0)	11.8 (5.4-43.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	128	116	114
Camiguin	0 (0-0)	0 (0-0)	5.2 (-0.9-53.2)	0 (0-0)	0 (0-0)	9.5 (3.2-30.1)	0 (0-0)	0 (0-0)	-25.1 (-67.8-37.9)	0 (0-0)	0 (0-0)	10.7 (-3.2-52.6)	0 (0-0)	0 (0-0)	-73.7 (-92.2--11.1)	0 (0-0)	0 (0-0)	8.3 (-5.6-56.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	127	107	91
Capiz	0 (0-0)	0 (0-0)	1.3 (-1.6-23.3)	0 (0-1)	0 (0-1)	3 (-2.2-16.8)	0 (0-0)	0 (0-0)	-26.9 (-60.8-26.7)	0 (0-0)	0 (0-0)	3 (-1.7-37.5)	0 (0-0)	0 (0-0)	-47.6 (-81.8-9.2)	0 (0-0)	0 (0-0)	0.1 (-9.1-42.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	130	113	112
Catanduanes	0 (0-0)	0 (0-0)	-6.8 (-12.8-12.6)	0 (0-0)	0 (0-0)	7.2 (-1.6-19.9)	0 (0-0)	0 (0-0)	-11.2 (-50.8-43.7)	0 (0-0)	0 (0-0)	5.8 (-5.3-41.7)	0 (0-0)	0 (0-0)	-31.8 (-70.3-38.1)	0 (0-0)	0 (0-0)	0.5 (-9.8-38.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	125	117	117
Cavite	0 (0-0)	0 (0-0)	83.5 (72.4-158)	1 (1-2)	2 (1-3)	82 (69.8-127)	0 (0-0)	0 (0-0)	72.6 (-14-204)	0 (0-0)	0 (0-0)	80.7 (72.6-151)	0 (0-0)	0 (0-0)	-2.8 (-64.4-120)	0 (0-0)	0 (0-0)	78 (61.7-165)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	130	107	99
Cebu	0 (0-0)	0 (0-0)	36.3 (29.5-89.3)	2 (1-3)	2 (1-4)	38.2 (28.4-72.9)	0 (0-0)	0 (0-0)	-24 (-65.4-34.2)	0 (0-0)	0 (0-0)	39.7 (36.7-83.2)	0 (0-0)	0 (0-0)	-62.1 (-86.8-3)	0 (0-0)	0 (0-0)	39.2 (29.2-97.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	129	116	101
Cotabato (North Cotabato)	0 (0-0)	0 (0-0)	35.9 (20.5-45.1)	1 (0-1)	1 (0-1)	43.4 (32.9-50.4)	0 (0-0)	0 (0-0)	8.2 (-45.9-94.8)	0 (0-0)	0 (0-0)	44.2 (34.7-92.5)	0 (0-0)	0 (0-0)	-41 (-78.5-54.5)	0 (0-0)	0 (0-0)	43.5 (27.3-101)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	129	114	112
Davao de Oro	0 (0-0)	0 (0-0)	-7.9 (-13.2-12.5)	0 (0-1)	0 (0-1)	9.2 (1.2-18.9)	0 (0-0)	0 (0-0)	23.6 (-39.3-105)	0 (0-0)	0 (0-0)	8.7 (1.4-27)	0 (0-0)	0 (0-0)	-28.8 (-71.4-75.2)	0 (0-0)	0 (0-0)	3.6 (-4.7-26.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	131	112	112
Davao Del Norte	0 (0-0)	0 (0-0)	-10.8 (-14.3-15.8)	0 (0-1)	0 (0-1)	10.6 (3.7-29.6)	0 (0-0)	0 (0-0)	9.5 (-45-78.7)	0 (0-0)	0 (0-0)	10.5 (4.9-44.5)	0 (0-0)	0 (0-0)	-31.4 (-74.5-68)	0 (0-0)	0 (0-0)	-0.1 (-7.4-39.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	132	112	108
Davao Del Sur	0 (0-0)	0 (0-0)	26.5 (23-50.1)	1 (0-1)	1 (1-2)	30.8 (23.2-45.4)	0 (0-0)	0 (0-0)	-76.3 (-87.7--61.3)	0 (0-0)	0 (0-0)	31.4 (27.8-72.1)	0 (0-0)	0 (0-0)	-88 (-95.5--73.1)	0 (0-0)	0 (0-0)	30 (21.5-78.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	129	129	118	85
Davao Occidental	0 (0-0)	0 (0-0)	-11.4 (-13.5-12.3)	0 (0-0)	0 (0-0)	18.7 (9.5-39.1)	0 (0-0)	0 (0-0)	29.5 (-39.9-115)	0 (0-0)	0 (0-0)	13.1 (5.7-51.2)	0 (0-0)	0 (0-0)	-31.1 (-69.5-43.4)	0 (0-0)	0 (0-0)	-0.9 (-8.9-37.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	128	116	111
Davao Oriental	0 (0-0)	0 (0-0)	-13.3 (-16.3--3.7)	0 (0-0)	0 (0-0)	3.2 (-3.7-10.5)	0 (0-0)	0 (0-0)	25.2 (-35.6-120)	0 (0-0)	0 (0-0)	-0.9 (-5.5-23.9)	0 (0-0)	0 (0-0)	-13.8 (-61.6-118)	0 (0-0)	0 (0-0)	-8.7 (-15.5-19.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	130	113	117
Dinagat Islands	0 (0-0)	0 (0-0)	-29.1 (-34.8--17.2)	0 (0-0)	0 (0-0)	-10.3 (-16.8-2.3)	0 (0-0)	0 (0-0)	28.1 (-34.6-137)	0 (0-0)	0 (0-0)	-12.2 (-20.3-15.4)	0 (0-0)	0 (0-0)	-52.6 (-81.5-13.2)	0 (0-0)	0 (0-0)	-17.6 (-25.7-13.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	131	111	105
Eastern Samar	0 (0-0)	0 (0-0)	7.2 (-1.1-25.8)	0 (0-0)	0 (0-0)	15.3 (3.4-29.8)	0 (0-0)	0 (0-0)	2.3 (-48.5-81.9)	0 (0-0)	0 (0-0)	12.7 (5-47.4)	0 (0-0)	0 (0-0)	-22.5 (-67.9-72.3)	0 (0-0)	0 (0-0)	9.8 (2.4-48.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	132	113	114
Guimaras	0 (0-0)	0 (0-0)	0.2 (-30.9-30.1)	0 (0-0)	0 (0-0)	8.4 (-12.4-24.3)	0 (0-0)	0 (0-0)	-3 (-52.2-70.6)	0 (0-0)	0 (0-0)	9.3 (4.6-42.2)	0 (0-0)	0 (0-0)	-54 (-84.2-13.8)	0 (0-0)	0 (0-0)	7.3 (-0.5-47.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	133	105	93
Ifugao	0 (0-0)	0 (0-0)	17.6 (11.9-51.3)	0 (0-0)	0 (0-0)	19.4 (12-48.1)	0 (0-0)	0 (0-0)	-23.3 (-60.3-35.8)	0 (0-0)	0 (0-0)	21.9 (17.9-59.4)	0 (0-0)	0 (0-0)	-44.5 (-81-36.1)	0 (0-0)	0 (0-0)	24.5 (15.6-70.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	131	114	108

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Ilocos Norte	0 (0-0)	0 (0-0)	4.4 (-6.9-43.9)	0 (0-0)	0 (0-0)	5.6 (-3.5-29.8)	0 (0-0)	0 (0-0)	-31 (-69.1-20.5)	0 (0-0)	0 (0-0)	7.3 (4.8-41)	0 (0-0)	0 (0-0)	-68.7 (-87.7--24)	0 (0-0)	0 (0-0)	7.4 (-0.7-49.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	128	113	100
Ilocos Sur	0 (0-0)	0 (0-0)	-2.1 (-31.1-27)	0 (0-0)	0 (0-0)	4.2 (-14.9-21.8)	0 (0-0)	0 (0-0)	-26.6 (-65.6-30.2)	0 (0-0)	0 (0-0)	5.3 (2.8-34.9)	0 (0-0)	0 (0-0)	-63.6 (-84.8--1.6)	0 (0-0)	0 (0-0)	2.6 (-5.8-38.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	129	109	101
Iloilo	0 (0-0)	0 (0-0)	22 (15.4-62.6)	1 (1-2)	1 (1-2)	20.1 (12.8-55.1)	0 (0-0)	0 (0-0)	-20.4 (-58.5-29.6)	0 (0-0)	0 (0-0)	21.7 (18-58.2)	0 (0-0)	0 (0-0)	-53.8 (-79.3-4.5)	0 (0-0)	0 (0-0)	23.1 (12.6-71.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	131	109	99
Isabela	0 (0-0)	0 (0-0)	15.3 (12.9-21)	1 (0-1)	1 (0-1)	14.5 (6.2-22.8)	0 (0-0)	0 (0-0)	-6.2 (-50.1-54.7)	0 (0-0)	0 (0-0)	15.5 (12.9-32.4)	0 (0-0)	0 (0-0)	-51.8 (-79.1-4.1)	0 (0-0)	0 (0-0)	16.7 (9.5-40.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	125	113	98
Kalinga	0 (0-0)	0 (0-0)	-13.6 (-16.5-8.4)	0 (0-0)	0 (0-0)	5.4 (-0.7-18.5)	0 (0-0)	0 (0-0)	32.9 (-40.9-133)	0 (0-0)	0 (0-0)	6 (2.1-35.6)	0 (0-0)	0 (0-0)	-57.8 (-87.1-9.5)	0 (0-0)	0 (0-0)	-0.7 (-9-32.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	122	123	104	94
La Union	0 (0-0)	0 (0-0)	7.4 (3.8-25.8)	0 (0-1)	0 (0-1)	8.2 (2.3-30)	0 (0-0)	0 (0-0)	-26.8 (-67.4-23.7)	0 (0-0)	0 (0-0)	8.6 (6.1-25)	0 (0-0)	0 (0-0)	-59.5 (-86.3-2.6)	0 (0-0)	0 (0-0)	9.5 (3.4-30.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	122	126	114	103
Laguna	0 (0-0)	0 (0-0)	59.1 (51-106)	1 (1-2)	2 (1-3)	56.6 (48-91.3)	0 (0-0)	0 (0-0)	18.6 (-39.7-103)	0 (0-0)	0 (0-0)	59.2 (54-114)	0 (0-0)	0 (0-0)	-31.3 (-68.2-38.3)	0 (0-0)	0 (0-0)	60.9 (47.8-126)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	130	109	101
Lanao Del Norte	0 (0-0)	0 (0-0)	16.8 (11.3-59.5)	0 (0-1)	1 (0-1)	29.9 (20.8-58)	0 (0-0)	0 (0-0)	-56.4 (-76.7--29.5)	0 (0-0)	0 (0-0)	30.3 (26.4-68.1)	0 (0-0)	0 (0-0)	-69 (-88.5--30.9)	0 (0-0)	0 (0-0)	27.1 (17.5-70.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	126	114	95
Lanao Del Sur	0 (0-0)	0 (0-0)	16.3 (11.4-18.9)	1 (0-1)	1 (0-1)	33.4 (24.2-38.7)	0 (0-0)	0 (0-0)	-36.5 (-73.5-26.7)	0 (0-0)	0 (0-0)	33.9 (26.5-61.5)	0 (0-0)	0 (0-0)	-51.9 (-82.3-113)	0 (0-0)	0 (0-0)	30.5 (21.3-61.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	130	120	113
Leyte	0 (0-0)	0 (0-0)	12.4 (6.4-17.7)	1 (1-1)	1 (1-2)	16.2 (7.2-22.4)	0 (0-0)	0 (0-0)	-24.9 (-61.5-35.8)	0 (0-0)	0 (0-0)	14.6 (10.9-51)	0 (0-0)	0 (0-0)	-51.5 (-81-0.5)	0 (0-0)	0 (0-0)	12.9 (3.7-51.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	128	113	107
Maguindanao	0 (0-0)	0 (0-0)	33.6 (30.3-53.7)	1 (0-1)	1 (1-2)	60 (50.5-83.1)	0 (0-0)	0 (0-0)	16.6 (-39.1-129)	0 (0-0)	0 (0-0)	59.1 (53.2-98.5)	0 (0-0)	0 (0-0)	13.5 (-55.7-213)	0 (0-0)	0 (0-0)	51.8 (42.5-95)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	133	119	118
Marinduque	0 (0-0)	0 (0-0)	-28.9 (-32.1--12.4)	0 (0-0)	0 (0-0)	-15.6 (-22.5--5.2)	0 (0-0)	0 (0-0)	-34.5 (-69.3-20)	0 (0-0)	0 (0-0)	-18.3 (-21.9-1.1)	0 (0-0)	0 (0-0)	-57.4 (-81.6--15.7)	0 (0-0)	0 (0-0)	-26.3 (-31.5--6.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	129	110	112
Masbate	0 (0-0)	0 (0-0)	10.7 (8.4-14)	0 (0-1)	0 (0-1)	21.1 (14.6-26.5)	0 (0-0)	0 (0-0)	22.3 (-34.7-111)	0 (0-0)	0 (0-0)	19.7 (12.6-60.8)	0 (0-0)	0 (0-0)	-2.1 (-60.6-108)	0 (0-0)	0 (0-0)	14.3 (5.5-58.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	127	114	117
Misamis Occidental	0 (0-0)	0 (0-0)	11.9 (2.2-24.1)	0 (0-0)	0 (0-0)	16.1 (5.6-26)	0 (0-0)	0 (0-0)	-29.9 (-63.7-26.2)	0 (0-0)	0 (0-0)	17.3 (6.8-60.8)	0 (0-0)	0 (0-0)	-57.6 (-86.5-2.8)	0 (0-0)	0 (0-0)	15.7 (5.9-67.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	130	118	113
Misamis Oriental	0 (0-0)	0 (0-0)	37.2 (32.7-67.4)	1 (0-1)	1 (0-1)	37.7 (30.2-58)	0 (0-0)	0 (0-0)	-45.5 (-74.5--8.2)	0 (0-0)	0 (0-0)	39.4 (31.8-84.3)	0 (0-0)	0 (0-0)	-65.6 (-86.7--20.5)	0 (0-0)	0 (0-0)	39 (29.2-95.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	129	119	98
Mountain Province	0 (0-0)	0 (0-0)	-10.7 (-24.9-10.3)	0 (0-0)	0 (0-0)	-3.2 (-11.6-12.2)	0 (0-0)	0 (0-0)	-23.7 (-66.3-29.6)	0 (0-0)	0 (0-0)	-2.9 (-8.8-26.6)	0 (0-0)	0 (0-0)	-58.1 (-85--9.2)	0 (0-0)	0 (0-0)	-4.9 (-14.3-25.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	130	108	102
National Capital Region	1 (1-1)	1 (1-1)	2.5 (-19.5-55.4)	5 (3-8)	6 (3-10)	14.7 (-3.5-43.4)	0 (0-0)	0 (0-0)	-33.4 (-68-14.3)	1 (0-1)	1 (0-1)	12.5 (6.9-49)	0 (0-0)	0 (0-0)	-62.7 (-83.4--22.9)	0 (0-1)	0 (0-1)	5.4 (-3.1-50.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	132	112	99
Negros Occidental	0 (0-0)	0 (0-0)	3 (-0.4-31.2)	1 (1-2)	1 (1-2)	5.8 (-1.2-20.4)	0 (0-0)	0 (0-0)	-12.3 (-50.9-50.9)	0 (0-0)	0 (0-0)	4.9 (2.2-30.3)	0 (0-0)	0 (0-0)	-25.5 (-73-60.9)	0 (0-0)	0 (0-0)	2.3 (-4.7-30.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	125	111	111
Negros Oriental	0 (0-0)	0 (0-0)	-2.1 (-4.1-3.7)	1 (0-1)	1 (0-1)	4.7 (-0.4-11.5)	0 (0-0)	0 (0-0)	-4.2 (-53.7-58.7)	0 (0-0)	0 (0-0)	3.5 (-0.1-39.1)	0 (0-0)	0 (0-0)	-28.4 (-72.6-59.6)	0 (0-0)	0 (0-0)	0.6 (-6.5-46.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	128	113	116
Northern Samar	0 (0-0)	0 (0-0)	14.4 (8.8-30.5)	0 (0-0)	0 (0-1)	19.7 (8.3-35.1)	0 (0-0)	0 (0-0)	-41.2 (-77.2-20.8)	0 (0-0)	0 (0-0)	18.1 (9.2-58.7)	0 (0-0)	0 (0-0)	-64.4 (-86.9--16.3)	0 (0-0)	0 (0-0)	15.5 (5.1-61.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	128	117	104
Nueva Ecija	0 (0-0)	0 (0-0)	22.9 (16.1-68.4)	1 (1-1)	1 (1-2)	25.6 (18.6-50.3)	0 (0-0)	0 (0-0)	2.4 (-49.5-79.4)	0 (0-0)	0 (0-0)	26.2 (22.2-66.8)	0 (0-0)	0 (0-0)	-37.3 (-70.8-39)	0 (0-0)	0 (0-0)	26.8 (16.4-80.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	130	107	99
Nueva Vizcaya	0 (0-0)	0 (0-0)	5.5 (2.9-19)	0 (0-0)	0 (0-0)	11.7 (6.4-18.5)	0 (0-0)	0 (0-0)	-20.1 (-64.1-40.7)	0 (0-0)	0 (0-0)	12.2 (9.5-29.5)	0 (0-0)	0 (0-0)	-60.7 (-83.7--6)	0 (0-0)	0 (0-0)	10.6 (2.6-34.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	127	112	101
Occidental Mindoro	0 (0-0)	0 (0-0)	-3.5 (-7.5-4.6)	0 (0-0)	0 (0-0)	14 (7.1-26.9)	0 (0-0)	0 (0-0)	-31 (-66.6-49.6)	0 (0-0)	0 (0-0)	12.6 (-0.4-53.3)	0 (0-0)	0 (0-0)	-63.7 (-87.3--0.8)	0 (0-0)	0 (0-0)	6.6 (-8.6-55.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	129	116	109
Oriental Mindoro	0 (0-0)	0 (0-0)	-6.4 (-12.5--0.9)	0 (0-1)	0 (0-1)	6.4 (-2-11.5)	0 (0-0)	0 (0-0)	-7.5 (-58.6-60.4)	0 (0-0)	0 (0-0)	3.5 (-1.6-37.7)	0 (0-0)	0 (0-0)	-40.7 (-77.4-39.6)	0 (0-0)	0 (0-0)	-3.5 (-10.3-35.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	132	118	110
Palawan	0 (0-0)	0 (0-0)	27.2 (23.8-44.8)	0 (0-1)	1 (0-1)	40.1 (32.8-60.9)	0 (0-0)	0 (0-0)	-21.9 (-59.5-28.2)	0 (0-0)	0 (0-0)	37.7 (31.9-81.2)	0 (0-0)	0 (0-0)	-50.5 (-81.1-13.5)	0 (0-0)	0 (0-0)	31.8 (21.3-81)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	128	116	109
Pampanga	0 (0-0)	0 (0-0)	33.7 (25.7-85.2)	1 (1-2)	1 (1-2)	33.5 (24.6-60)	0 (0-0)	0 (0-0)	10.4 (-42.8-103)	0 (0-0)	0 (0-0)	32.7 (28.1-83)	0 (0-0)	0 (0-0)	-9 (-60.9-64.6)	0 (0-0)	0 (0-0)	31.4 (22.2-90.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	129	105	105
Pangasinan	0 (0-0)	0 (0-0)	8.9 (5.6-12.3)	1 (1-2)	1 (1-2)	12.5 (7.3-18.6)	0 (0-0)	0 (0-0)	-24.1 (-65.5-38.5)	0 (0-0)	0 (0-0)	13.1 (10.4-40.9)	0 (0-0)	0 (0-0)	-59.2 (-83.1-3.5)	0 (0-0)	0 (0-0)	11.9 (3.2-47.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	127	109	103
Quezon	0 (0-0)	0 (0-0)	10.2 (6.3-42.5)	1 (1-1)	1 (1-2)	16.5 (9.8-35.2)	0 (0-0)	0 (0-0)	-34.8 (-68-19.8)	0 (0-0)	0 (0-0)	15.2 (11.5-48.5)	0 (0-0)	0 (0-0)	-70.5 (-88.5--26.7)	0 (0-0)	0 (0-0)	11.2 (4.2-46.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	127	116	99
Quirino	0 (0-0)	0 (0-0)	-12.6 (-15.9-11)	0 (0-0)	0 (0-0)	4.4 (-1.7-17.8)	0 (0-0)	0 (0-0)	-34.3 (-66.2-24.7)	0 (0-0)	0 (0-0)	3.2 (-1.4-37.8)	0 (0-0)	0 (0-0)	-66.3 (-83.6--26.1)	0 (0-0)	0 (0-0)	-2.4 (-8.8-37.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	126	112	103

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Rizal	0 (0-0)	0 (0-0)	78.2 (53.5-93.8)	1 (1-1)	2 (1-2)	75.3 (57.1-83.5)	0 (0-0)	0 (0-0)	46.5 (-31.2-133)	0 (0-0)	0 (0-0)	73.7 (68.8-122)	0 (0-0)	0 (0-0)	-15.8 (-67.9-66)	0 (0-0)	0 (0-0)	71.9 (59.5-128)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	130	131	110	107
Romblon	0 (0-0)	0 (0-0)	-17.3 (-26.3--12)	0 (0-0)	0 (0-0)	-6.2 (-13.4--0.8)	0 (0-0)	0 (0-0)	-35.1 (-69-27.3)	0 (0-0)	0 (0-0)	-7.1 (-14.2-24.6)	0 (0-0)	0 (0-0)	-69.3 (-87.8--26.9)	0 (0-0)	0 (0-0)	-11.7 (-20-23.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	127	116	107
Samar (Western Samar)	0 (0-0)	0 (0-0)	5.1 (-1.8-68.7)	0 (0-1)	0 (0-1)	9.7 (1.1-43.5)	0 (0-0)	0 (0-0)	-8 (-53.1-71.8)	0 (0-0)	0 (0-0)	7.6 (2.4-51.3)	0 (0-0)	0 (0-0)	-23.7 (-70.6-93)	0 (0-0)	0 (0-0)	5.6 (-1.9-54.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	129	122	121
Sarangani	0 (0-0)	0 (0-0)	18.4 (13.7-63.2)	0 (0-0)	0 (0-0)	21.2 (13.6-40.1)	0 (0-0)	0 (0-0)	24.7 (-34.4-109)	0 (0-0)	0 (0-0)	19.2 (14.8-62)	0 (0-0)	0 (0-0)	-25.4 (-73.9-42.9)	0 (0-0)	0 (0-0)	15.8 (8.1-63.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	131	133	114	113
Siquijor	0 (0-0)	0 (0-0)	-11.7 (-16.3-27.5)	0 (0-0)	0 (0-0)	1.5 (-4.1-20.4)	0 (0-0)	0 (0-0)	-21.3 (-61.6-39)	0 (0-0)	0 (0-0)	1.2 (-5-37.3)	0 (0-0)	0 (0-0)	-70.6 (-88.7--15.3)	0 (0-0)	0 (0-0)	-4.5 (-12.8-37.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	129	111	96
Sorsogon	0 (0-0)	0 (0-0)	11.7 (7.4-44.3)	0 (0-1)	0 (0-1)	11.9 (3.7-29.4)	0 (0-0)	0 (0-0)	-20.1 (-64.8-37.4)	0 (0-0)	0 (0-0)	10.2 (6.6-41)	0 (0-0)	0 (0-0)	-60.4 (-86.1-9.9)	0 (0-0)	0 (0-0)	7.5 (0-42.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	129	111	99
South Cotabato	0 (0-0)	0 (0-0)	21.4 (18.3-35)	1 (0-1)	1 (0-1)	25.9 (18.1-34.9)	0 (0-0)	0 (0-0)	-33.9 (-64.4-5.2)	0 (0-0)	0 (0-0)	25.7 (19.6-61.5)	0 (0-0)	0 (0-0)	-54.2 (-82.7-1.6)	0 (0-0)	0 (0-0)	23.6 (15.4-64.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	127	116	108
Southern Leyte	0 (0-0)	0 (0-0)	-2.3 (-9.2-4.1)	0 (0-0)	0 (0-0)	4.3 (-5-9.7)	0 (0-0)	0 (0-0)	-45.2 (-76.5--0.8)	0 (0-0)	0 (0-0)	2.6 (-15.8-36)	0 (0-0)	0 (0-0)	-67.7 (-87.1--28.8)	0 (0-0)	0 (0-0)	-0.9 (-21.4-37)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	130	116	107
Sultan Kudarat	0 (0-0)	0 (0-0)	0.9 (-1.1-18.5)	0 (0-1)	0 (0-1)	21.5 (15.5-35.5)	0 (0-0)	0 (0-0)	25.8 (-33.9-89.7)	0 (0-0)	0 (0-0)	20 (15.3-54)	0 (0-0)	0 (0-0)	-10.9 (-64.6-82.9)	0 (0-0)	0 (0-0)	12.4 (4.8-48.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	133	112	114
Sulu	0 (0-0)	0 (0-0)	-9.2 (-11.3-1.4)	0 (0-1)	0 (0-1)	23.7 (13.5-35)	0 (0-0)	0 (0-0)	-17.9 (-53.5-63.6)	0 (0-0)	0 (0-0)	17.4 (11.5-48.9)	0 (0-0)	0 (0-0)	-37.4 (-69.9-96.6)	0 (0-0)	0 (0-0)	5.8 (-1.2-38.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	130	118	116
Surigao Del Norte	0 (0-0)	0 (0-0)	20.8 (14.6-51.8)	0 (0-0)	0 (0-0)	22.9 (15.9-36.1)	0 (0-0)	0 (0-0)	-21.8 (-63.9-34.1)	0 (0-0)	0 (0-0)	22.8 (14.3-63.4)	0 (0-0)	0 (0-0)	-57.8 (-82.3--10.9)	0 (0-0)	0 (0-0)	20.5 (10.3-68.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	128	117	107
Surigao Del Sur	0 (0-0)	0 (0-0)	-1.7 (-11-19.3)	0 (0-0)	0 (0-0)	2.5 (-6.2-13.2)	0 (0-0)	0 (0-0)	-19.1 (-62.4-44.2)	0 (0-0)	0 (0-0)	2.1 (-9.3-41.5)	0 (0-0)	0 (0-0)	-48.1 (-78.6-43.9)	0 (0-0)	0 (0-0)	-0.3 (-11.4-44.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	130	119	114
Tarlac	0 (0-0)	0 (0-0)	4.5 (-2.2-45.2)	1 (0-1)	1 (0-1)	12.2 (4-37.2)	0 (0-0)	0 (0-0)	10.9 (-45.3-91.7)	0 (0-0)	0 (0-0)	11.6 (8.2-38.6)	0 (0-0)	0 (0-0)	-27.3 (-68.9-69.8)	0 (0-0)	0 (0-0)	6.8 (-1-35.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	128	109	111
Tawi-Tawi	0 (0-0)	0 (0-0)	-2.3 (-7.8-28.8)	0 (0-0)	0 (0-0)	12.4 (5.6-33.9)	0 (0-0)	0 (0-0)	-12.4 (-55.4-58.8)	0 (0-0)	0 (0-0)	12.3 (7.2-46.9)	0 (0-0)	0 (0-0)	-40.5 (-80.7-58.2)	0 (0-0)	0 (0-0)	7.5 (-4.7-47.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	130	107	103
Zambales	0 (0-0)	0 (0-0)	21.4 (12.3-30.2)	0 (0-0)	0 (0-1)	23.2 (12.2-31.5)	0 (0-0)	0 (0-0)	-33.6 (-65.7-8.6)	0 (0-0)	0 (0-0)	23 (18.1-47.6)	0 (0-0)	0 (0-0)	-58.1 (-82.5--6.2)	0 (0-0)	0 (0-0)	20 (10.1-52.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	129	112	96
Zamboanga Del Norte	0 (0-0)	0 (0-0)	-5.4 (-12.4-0.6)	0 (0-1)	0 (0-1)	7.6 (-2.9-16.4)	0 (0-0)	0 (0-0)	-17.9 (-58.9-48.2)	0 (0-0)	0 (0-0)	6.8 (2.9-38.3)	0 (0-0)	0 (0-0)	-56.4 (-82.9-21.7)	0 (0-0)	0 (0-0)	1.9 (-5.4-38.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	128	113	108
Zamboanga Del Sur	0 (0-0)	0 (0-0)	9.8 (5.7-19.7)	1 (0-1)	1 (1-2)	15.5 (8.5-25.9)	0 (0-0)	0 (0-0)	-43.1 (-67.6--2.8)	0 (0-0)	0 (0-0)	14.1 (10.7-33.4)	0 (0-0)	0 (0-0)	-68.3 (-88.8--40.8)	0 (0-0)	0 (0-0)	11.9 (4.7-34.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	131	114	97
Zamboanga Sibugay	0 (0-0)	0 (0-0)	9.6 (6.9-40.9)	0 (0-0)	0 (0-1)	24.4 (15.9-46.4)	0 (0-0)	0 (0-0)	-24.2 (-61.9-46.3)	0 (0-0)	0 (0-0)	22.4 (18.3-61.3)	0 (0-0)	0 (0-0)	-62 (-86.5-5.4)	0 (0-0)	0 (0-0)	16.1 (8.3-56.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	131	115	110
Seychelles	0 (0-0)	0 (0-0)	-6.3 (-35.3-18.8)	0 (0-0)	0 (0-0)	0.5 (-18-18)	0 (0-0)	0 (0-0)	-36.2 (-58.8-0.6)	0 (0-0)	0 (0-0)	0.3 (-17.9-20.5)	0 (0-0)	0 (0-0)	-38.6 (-64.4-10.1)	0 (0-0)	0 (0-0)	-1.3 (-22.5-24.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	118	121	93	93
Sri Lanka	1 (1-1)	1 (0-1)	-16.8 (-23.3-0.9)	8 (4-14)	7 (4-13)	-4.6 (-11.6-6.2)	0 (0-0)	0 (0-0)	-66.2 (-83--26.4)	1 (1-1)	1 (1-1)	-3 (-15-32.1)	0 (0-0)	0 (0-0)	-84.6 (-92.3--71.8)	0 (0-1)	0 (0-0)	-8.9 (-23.3-37.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	131	106	86
Thailand	2 (1-3)	1 (1-2)	-38.4 (-42.2--10.2)	21 (11-37)	15 (8-28)	-28.7 (-36.3--14.5)	0 (0-0)	0 (0-0)	-68.5 (-80.7--45.6)	2 (2-3)	2 (1-2)	-30.6 (-35.3--8.2)	0 (0-0)	0 (0-0)	-92 (-96.3--76.3)	1 (1-2)	1 (0-1)	-37.2 (-42.6--8.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	141	106	93
Timor-Leste	0 (0-0)	0 (0-0)	5 (-15.2-55.6)	0 (0-1)	1 (0-1)	28.8 (5.4-71.8)	0 (0-0)	0 (0-0)	-17.2 (-52.7-63.4)	0 (0-0)	0 (0-0)	20.7 (5.8-62.4)	0 (0-0)	0 (0-0)	-38 (-66-54.2)	0 (0-0)	0 (0-0)	14.3 (0.7-59.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	133	120	109
Viet Nam	4 (3-5)	3 (2-4)	-18.9 (-21.1-6.9)	33 (18-56)	30 (15-52)	-10.3 (-16.6-12.2)	0 (0-1)	0 (0-1)	-4.5 (-42.2-35.7)	4 (3-6)	3 (2-5)	-11.5 (-16.2-18.1)	0 (0-0)	0 (0-0)	-48.7 (-73.5--4.5)	2 (1-3)	2 (1-3)	-12.3 (-19.2-24.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	136	106	93
Sub-Saharan Africa	318,000 (269,000-377,000)	405,000 (343,000-478,000)	27.2 (23.4-30.2)	3,390,000 (2,900,000-3,950,000)	5,680,000 (4,780,000-6,620,000)	67.4 (62.9-71.5)	22,600 (16,800-28,900)	29,400 (20,300-40,000)	30.1 (-2.3-77.6)	160,000 (133,000-194,000)	265,000 (219,000-322,000)	65.1 (60.7-69.2)	10,500 (6,610-15,400)	10,200 (6,240-13,900)	-2.2 (-31.7-45)	42,100 (30,700-55,800)	60,600 (43,900-80,800)	43.9 (38.3-48.8)	0.3 (0.2-0.4)	1 (0.8-1.4)	0.4 (0.3-0.5)	2.2 (1.5-3)	32	26	17	11
Central Sub-Saharan Africa	49,100 (42,800-56,500)	64,900 (56,100-74,600)	32.2 (22.5-38.6)	508,000 (430,000-594,000)	891,000 (747,000-1,030,000)	75.4 (63.6-85.8)	2,460 (611-6,520)	3,620 (1,020-11,400)	47 (-4.1-115)	25,300 (21,000-29,700)	45,800 (37,900-53,200)	81 (69.9-91.5)	844 (162-1,700)	731 (221-1,910)	-13.3 (-51.7-87.3)	6,890 (4,780-9,400)	10,800 (7,310-15,100)	56.9 (41.3-72.6)	0.2 (0-0.3)	1.4 (1-1.9)	0.3 (0.1-0.6)	3.7 (2.3-5.1)	35	31	15	8
Angola	8,930 (7,440-10,700)	13,700 (11,500-16,300)	53.2 (41.9-64.6)	87,600 (73,400-105,000)	182,000 (149,000-218,000)	107 (92.3-125)	307 (84-580)	451 (151-835)	47.1 (2.2-132)	4,330 (3,510-5,370)	9,190 (7,310-11,500)	112 (91.9-133)	124 (25-286)	132 (33-240)	6 (-30.5-202)	1,170 (787-1,700)	2,190 (1,430-3,250)	86.8 (59.2-115)	0.1 (0-0.3)	1 (0.7-1.4)	0.2 (0-0.3)	2.9 (1.9-4.2)	44	39	19	10
Central African Republic	1,420 (1,190-1,680)	1,790 (1,530-2,110)	26.3 (16.1-38)	14,700 (12,200-17,300)	21,200 (17,700-25,600)	44.4 (36.1-56.7)	96 (23-435)	139 (35-636)	45 (-5.6-134)	756 (622-938)	1,110 (920-1,350)	47.1 (35.3-59.3)	27 (4-78)	36 (8-140)	33.8 (-25.7-191)	192 (128-276)	266 (176-379)	38.7 (18.9-60.7)	0.1 (0-0.3)	0.7 (0.5-1.1)	0.1 (0-0.6)	1.1 (0.7-1.5)	44	40	24	19
Congo	782 (671-900)	851 (725-985)	8.8 (2.3-17)	9,420 (7,960-10,900)	13,800 (11,700-16,500)	46.5 (35.4-57.4)	97 (31-178)	102 (32-199)	5.7 (-41.5-84.2)	442 (367-526)	672 (563-796)	52.3 (40.4-63.8)	23 (6-52)	11 (4-21)	-51.5 (-78.2-36.8)	100 (71-133)	131 (93-176)	31.4 (17.4-47.3)	0.2 (0-0.4)	0.9 (0.6-1.2)	0.2 (0.1-0.4)	2.5 (1.6-3.3)	33	36	22	10
Democratic Republic of the Congo	36,900 (32,000-42,500)	47,400 (40,500-54,200)	28.5 (15.5-37.4)	384,000 (321,000-447,000)	655,000 (550,000-753,000)	70.6 (56-84.9)	1,920 (385-5,710)	2,880 (654-10,200)	50.1 (-6.1-129)	19,100 (15,900-22,400)	33,800 (27,800-38,900)	76.4 (62.7-89.4)	659 (103-1,420)	545 (127-1,680)	-17.3 (-60.4-88.4)	5,250 (3,620-7,220)	8,010 (5,440-11,200)	52.4 (34.4-73.7)	0.2 (0-0.4)	1.6 (1.1-2.1)	0.3 (0.1-0.9)	4.5 (2.8-6.2)	35	27	14	7

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Equatorial Guinea	663 (558-794)	801 (662-962)	20.7 (9.8-30.9)	6,770 (5,680-7,920)	12,900 (10,700-15,200)	90.3 (74.8-104)	17 (2-32)	21 (2-49)	23.9 (-36.3-120)	348 (281-430)	701 (568-846)	101 (86-119)	5 (0-10)	3 (0-6)	-34.4 (-62.74.3)	111 (81-149)	156 (113-210)	40.2 (25.3-56)	0.2 (0-0.3)	3.4 (2.3-4.4)	0.2 (0-0.3)	8.4 (4.8-12)	34	35	6	5
Gabon	439 (351-527)	412 (337-493)	-6.2 (-12.6-0.6)	5,810 (4,660-7,000)	6,930 (5,760-8,420)	19.1 (10.7-26.8)	28 (1-55)	29 (2-71)	3 (-44.8-282)	265 (214-328)	329 (267-405)	24.3 (15.1-34.9)	5 (0-10)	4 (0-9)	-27.5 (-60.7-93.4)	61 (43-81)	61 (44-81)	0.5 (-10.1-12.8)	0.2 (0-0.3)	2.1 (1.5-2.9)	0.3 (0-0.5)	4.2 (2.5-6.3)	32	31	12	6
Eastern Sub-Saharan Africa	39,500 (33,500-47,000)	50,100 (42,000-59,100)	26.6 (22.6-31.5)	416,000 (351,000-493,000)	652,000 (542,000-767,000)	56.7 (52-61.6)	1,580 (901-2,900)	1,990 (1,130-4,110)	26 (-14.3-110)	22,300 (17,600-27,700)	36,900 (29,400-45,900)	65.7 (60.8-71.5)	548 (200-899)	461 (223-734)	-15.9 (-45.7-68.3)	5,970 (4,050-8,230)	8,700 (5,880-11,900)	45.6 (38.3-55.2)	0 (0-0.1)	0.4 (0.3-0.6)	0.1 (0-0.1)	1 (0.7-1.4)	77	71	25	18
Burundi	188 (154-234)	316 (257-391)	68.4 (44-91.5)	1,860 (1,510-2,290)	3,340 (2,740-4,100)	79.8 (60.3-99.7)	32 (19-50)	42 (27-63)	33.7 (-30.9-154)	115 (90-146)	205 (164-265)	78.8 (53.1-100)	10 (3-19)	7 (4-12)	-26.3 (-63.8-160)	38 (26-52)	68 (48-94)	81.1 (54.1-111)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.2 (0.2-0.3)	83	77	47	28
Comoros	1 (1-2)	1 (1-1)	-19.6 (-26.9--11.8)	12 (9-15)	12 (9-16)	3.2 (-4.1-12.2)	0 (0-1)	0 (0-1)	-1 (-47.6-83.3)	1 (1-1)	1 (1-1)	4.1 (-5.1-15.9)	0 (0-0)	0 (0-0)	-39.3 (-72.9-45)	0 (0-1)	0 (0-1)	-12.6 (-24--0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	104	103	83	74
Djibouti	6 (5-8)	8 (6-10)	22.3 (11.5-31)	60 (46-76)	98 (75-124)	63 (50.6-73.8)	1 (1-2)	1 (1-2)	13.4 (-37.9-126)	3 (2-4)	6 (4-7)	71.6 (54.7-86.8)	0 (0-1)	0 (0-0)	-20.9 (-64.7-113)	1 (1-1)	1 (1-2)	51.2 (30.2-72.3)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	101	102	74	56
Eritrea	42 (31-53)	49 (37-63)	19.1 (9.7-30.7)	430 (323-556)	635 (488-817)	47.7 (37.1-58.7)	8 (5-13)	11 (7-20)	45.7 (-18.2-153)	26 (19-35)	39 (29-52)	51.3 (38.4-68.5)	2 (1-6)	3 (1-5)	6.1 (-46.2-250)	9 (6-12)	11 (7-15)	28.7 (12.8-48.8)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	100	98	66	60
Ethiopia	147 (110-205)	184 (138-254)	25.4 (20.8-30.2)	1,100 (824-1,430)	1,630 (1,230-2,090)	47.4 (40.4-54.7)	32 (17-55)	30 (17-50)	-6.4 (-55.4-92.6)	96 (68-138)	144 (103-203)	49.1 (40.8-56.9)	10 (3-25)	6 (3-12)	-42.2 (-72.6-32)	47 (30-74)	64 (41-103)	37.3 (28.2-46.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	122	123	99	80
Addis Ababa	3 (2-4)	2 (2-3)	-25.4 (-31.2--19)	34 (26-43)	33 (25-43)	-1.3 (-13.3-7.1)	1 (1-2)	1 (0-1)	-51.3 (-80.7-9.6)	2 (2-3)	3 (2-3)	2.9 (-6.7-13.3)	0 (0-0)	0 (0-0)	-56 (-81.4--7.7)	1 (0-1)	1 (0-1)	-3.7 (-17.3-10.1)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	121	122	85	68
Afar	3 (3-5)	3 (2-4)	-4.6 (-12.5-7)	25 (19-33)	27 (20-36)	6.6 (-3.1-16.6)	1 (0-2)	1 (0-1)	-26.9 (-62.9-71.9)	2 (2-3)	3 (2-4)	7.2 (-3.7-19)	0 (0-1)	0 (0-0)	-43.2 (-71-52.2)	1 (1-2)	1 (1-2)	6.3 (-8-22.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	120	122	98	85
Amhara	33 (24-47)	35 (25-48)	4.9 (-3.5-12.9)	257 (194-338)	315 (234-407)	22.5 (12.5-31.8)	7 (4-13)	5 (3-10)	-28.8 (-68.7-75.1)	22 (16-32)	28 (20-39)	25.1 (13.1-38.8)	2 (1-5)	1 (0-2)	-61.6 (-85.3-27.3)	11 (7-17)	12 (8-19)	12.5 (-2.5-29)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	122	124	100	77
Benishangul-Gumuz	2 (1-2)	2 (2-3)	43.4 (28.9-56)	10 (8-13)	18 (14-23)	75.7 (60.6-90.3)	0 (0-1)	1 (0-1)	29.1 (-37.8-185)	1 (1-1)	2 (1-2)	77.4 (60.6-94.5)	0 (0-0)	0 (0-0)	-14.7 (-58.8-167)	1 (0-1)	1 (1-1)	61.6 (41.2-81.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	122	121	101	83
Dire Dawa	1 (0-1)	1 (0-1)	5.6 (-2.3-14.6)	4 (3-6)	6 (5-8)	42.9 (32.8-55.2)	0 (0-0)	0 (0-0)	-32.2 (-69.9-44.1)	0 (0-1)	1 (0-1)	43.5 (30.7-57.1)	0 (0-0)	0 (0-0)	-62.1 (-84.6-13.2)	0 (0-0)	0 (0-0)	23.7 (8.4-43)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	118	123	104	74
Gambella	1 (0-1)	1 (1-1)	31.7 (20.5-42.8)	4 (3-5)	7 (5-9)	86.4 (73.6-102)	0 (0-0)	0 (0-0)	5 (-53.2-118)	0 (0-1)	1 (0-1)	86.7 (63.4-106)	0 (0-0)	0 (0-0)	-49.4 (-80.9-59.7)	0 (0-0)	0 (0-0)	50.9 (27.2-72)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	120	124	97	76
Harari	0 (0-0)	0 (0-0)	-7.3 (-14.1-0.7)	2 (2-3)	3 (2-4)	35.8 (25.2-48.5)	0 (0-0)	0 (0-0)	-23.8 (-67.2-78.2)	0 (0-0)	0 (0-0)	36.3 (25.2-50.6)	0 (0-0)	0 (0-0)	-54.1 (-82.7-47)	0 (0-0)	0 (0-0)	11.8 (-2.1-27)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	119	123	93	74
Oromia	55 (41-76)	75 (55-103)	36.9 (26.2-47.6)	401 (300-528)	654 (490-830)	62.8 (49.8-77.7)	11 (6-19)	11 (6-19)	0 (-53.4-103)	35 (24-50)	57 (40-80)	63.7 (48.1-80.4)	4 (1-9)	2 (1-5)	-37.1 (-67.5-58.5)	17 (11-28)	26 (16-41)	50.4 (31.3-71.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	121	122	97	78
Somali	10 (7-14)	14 (10-20)	48.7 (35.8-62)	74 (56-95)	113 (83-148)	51.8 (38.8-63.4)	2 (1-4)	2 (1-4)	24.8 (-39.8-187)	6 (5-9)	10 (7-14)	54 (38.7-69.6)	1 (0-2)	1 (0-1)	9.5 (-49.1-224)	3 (2-5)	5 (3-8)	62.3 (42.5-85.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	120	122	98	87
Southern Nations, Nationalities, and Peoples	32 (24-44)	42 (31-58)	32 (20.9-42.7)	230 (169-301)	366 (270-481)	59 (47.2-71)	7 (3-14)	8 (4-13)	8.1 (-48.7-129)	21 (15-30)	33 (24-47)	59 (42.8-75.7)	3 (1-7)	2 (1-3)	-42.3 (-75.4-68)	11 (7-17)	15 (10-24)	41.9 (22.2-61.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	122	122	103	79
Tigray	8 (6-11)	8 (6-12)	8.2 (0.7-16.8)	61 (45-81)	85 (64-110)	39.4 (27.2-52.9)	2 (1-3)	1 (1-2)	-16.7 (-68.6-66.7)	5 (4-7)	7 (5-10)	43 (29.6-57.7)	0 (0-1)	0 (0-0)	-57 (-82.8-45.2)	2 (1-4)	3 (2-4)	21.7 (6.8-38.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	122	125	98	75
Kenya	15,600 (11,500-20,900)	18,100 (13,300-24,100)	16.3 (13.4-19)	181,000 (139,000-237,000)	264,000 (204,000-341,000)	45 (42.3-48.6)	208 (131-317)	262 (172-421)	25.5 (-6.2-67.3)	9,600 (6,890-13,400)	15,300 (11,000-21,200)	59.7 (54.8-64.5)	66 (30-113)	42 (23-67)	-36.6 (-54.8-7.9)	2,180 (1,370-3,240)	2,980 (1,910-4,360)	36.5 (30.3-43.5)	0.1 (0-0.1)	2.1 (1.3-3.3)	0.1 (0.1-0.1)	7.1 (4.4-10.7)	47	51	13	7
Baringo	220 (160-300)	226 (163-310)	3.1 (-8.8-15.6)	2,360 (1,760-3,140)	3,100 (2,280-4,180)	30.9 (18.1-45.5)	3 (3-4)	3 (2-5)	-1.7 (-36.50.8)	132 (92-185)	189 (131-268)	43.3 (26.2-63.3)	1 (0-2)	1 (0-1)	-49.6 (-68.2--0.6)	33 (21-51)	38 (24-60)	15.3 (-2.9-40.6)	0.1 (0-0.1)	1.8 (1.2-3)	0.1 (0-0.1)	5 (2.9-8.3)	56	59	14	7
Bomet	229 (162-306)	470 (337-636)	105 (85.9-127)	2,840 (2,090-3,730)	7,690 (5,710-10,000)	170 (146-192)	1 (0-2)	4 (2-7)	367 (223-642)	126 (87-176)	390 (276-553)	209 (175-246)	0 (0-0)	0 (0-0)	12.1 (-29.5-92)	25 (15-36)	55 (35-82)	124 (86.6-165)	0 (0-0)	2.6 (1.5-4)	0 (0-0.1)	10.5 (6.3-16.3)	58	56	11	5
Bungoma	958 (710-1,290)	454 (331-621)	-52.6 (-57.3--47.6)	10,400 (7,760-13,800)	6,520 (4,810-8,590)	-37.3 (-42.7--31.4)	12 (7-17)	6 (3-10)	-50.9 (-65.6--23.1)	542 (381-771)	374 (265-529)	-31 (-38.9--22.2)	6 (2-11)	2 (1-4)	-62.6 (-80--11.5)	137 (87-205)	83 (52-124)	-39.3 (-48.5--28.1)	0.1 (0-0.2)	2 (1.3-3)	0.1 (0.1-0.2)	4.2 (2.5-6.7)	46	46	13	7
Busia	445 (323-590)	527 (379-705)	18.4 (2.1-33.6)	5,050 (3,910-6,520)	7,140 (5,430-9,310)	41.1 (23.7-54.6)	9 (3-14)	9 (3-17)	3.8 (-38.2-63.5)	274 (193-387)	422 (292-590)	54.1 (34.5-72.5)	4 (1-7)	2 (1-3)	-55.5 (-69.6--12.5)	73 (45-110)	100 (64-152)	37.5 (15.5-64.8)	0.1 (0-0.2)	2.2 (1.4-3.3)	0.1 (0-0.2)	8.4 (5.1-13.2)	41	41	14	4
Elgeyo-Marakwet	214 (154-297)	62 (45-84)	-71.1 (-73.9--68.1)	2,600 (1,940-3,420)	1,090 (835-1,430)	-58.2 (-61.4--53.7)	2 (2-4)	1 (1-2)	-55.4 (-71.2--29.6)	130 (88-188)	61 (42-88)	-53 (-58.1--46.6)	0 (0-1)	0 (0-0)	-61.7 (-78.3--26.2)	25 (15-37)	9 (6-13)	-63.7 (-69.5--56.3)	0 (0-0)	2.2 (1.3-3.5)	0.1 (0-0.1)	4.5 (2.6-7.3)	58	55	11	9
Embu	158 (114-216)	97 (69-135)	-38.5 (-45.9--29.6)	2,120 (1,580-2,830)	1,860 (1,380-2,440)	-13 (-20.7--4.1)	1 (1-3)	2 (1-3)	9.3 (-30.8-73.7)	108 (75-153)	104 (73-150)	-3.2 (-16.2-10.9)	0 (0-0)	0 (0-0)	-28 (-53.7-16.8)	20 (12-30)	14 (9-21)	-28.8 (-42.6--13.8)	0 (0-0.1)	2.2 (1.3-3.5)	0.1 (0-0.1)	4.2 (2.5-7)	59	57	11	8
Garissa	139 (101-188)	519 (379-717)	273 (242-304)	1,690 (1,300-2,220)	6,170 (4,810-8,310)	265 (237-295)	2 (1-3)	4 (2-7)	142 (40.9-283)	88 (61-126)	331 (230-474)	275 (235-322)	0 (0-1)	0 (0-1)	0.4 (-45.9-115)	20 (12-30)	73 (44-114)	274 (213-338)	0 (0-0.1)	1.9 (1.1-3.3)	0 (0-0.1)	7.4 (4.4-11.7)	56	60	15	6
Homa Bay	933 (675-1,230)	1,000 (756-1,290)	7.6 (-5.2-19)	8,560 (6,480-11,000)	12,300 (9,380-15,600)	43.2 (27.4-57.2)	17 (4-31)	19 (5-36)	11.9 (-30.5-116)	494 (348-687)	776 (555-1,050)	57.1 (37.3-75)	7 (2-13)	4 (1-8)	-35.6 (-59.5-40.5)	135 (85-203)	193 (124-283)	42.6 (18.4-67.5)	0.1 (0-0.2)	1.8 (1.1-2.7)	0.2 (0.1-0.4)	10.1 (6.2-15.2)	39	37	13	2
Isiolo	54 (38-71)	67 (48-91)	25.1 (12-40)	566 (413-732)	861 (646-1,140)	51.8 (38.8-68.7)	1 (0-1)	1 (1-1)	37.9 (-13.9-143)	33 (22-47)	54 (38-75)	63.1 (43.3-89.4)	0 (0-1)	0 (0-1)	0.5 (-39.5-155)	9 (5-13)	12 (7-19)	43 (16.8-73.4)	0 (0-0.1)	1.2 (0.7-1.9)	0.1 (0-0.1)	2 (1.2-3.4)	57	63	18	13

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Kajiado	170 (124-235)	238 (172-329)	40.2 (26.6-57.7)	2,200 (1,680-2,870)	4,170 (3,150-5,470)	88.7 (70.9-108)	2 (1-3)	3 (1-6)	63.3 (-22.6-197)	109 (75-156)	232 (165-329)	113 (88.7-142)	1 (0-1)	1 (0-1)	11.9 (-58.4-138)	21 (13-33)	34 (21-51)	56.3 (31.6-86.4)	0 (0-0.1)	2 (1.2-3.2)	0.1 (0-0.1)	4.1 (2.3-7)	52	52	12	8
Kakamega	641 (470-865)	1,170 (855-1,530)	81.9 (60-102)	7,250 (5,490-9,530)	15,700 (12,100-20,400)	117 (94.8-138)	11 (6-15)	16 (10-26)	50.8 (-8.4-169)	394 (273-561)	938 (677-1,280)	138 (105-172)	5 (2-10)	3 (1-5)	-44.6 (-64.2-18.3)	108 (65-167)	218 (138-318)	101 (65.5-147)	0.1 (0-0.2)	2 (1.2-2.9)	0.1 (0.1-0.2)	10.8 (6.5-17.3)	45	46	14	2
Kericho	370 (263-507)	118 (86-153)	-68.3 (-71.3--64.7)	4,110 (3,050-5,560)	1,920 (1,470-2,500)	-53.4 (-57.4--48.6)	2 (1-4)	2 (1-3)	-39 (-57.7--7.5)	199 (137-288)	105 (75-147)	-47.1 (-53.1--40.5)	0 (0-1)	1 (0-1)	29.5 (-17-97.8)	43 (26-63)	17 (11-26)	-59.6 (-66.6--52.1)	0 (0-0)	2.5 (1.6-3.9)	0.1 (0-0.1)	2.1 (1.2-3.4)	56	54	10	11
Kiambu	538 (387-722)	376 (268-507)	-30 (-37.5--20.7)	6,680 (4,990-8,700)	6,560 (4,950-8,580)	-2 (-10.7-7.5)	7 (4-11)	7 (3-11)	-6.3 (-35.1-32.2)	347 (239-482)	378 (269-529)	9 (-3.3-24.8)	1 (1-2)	1 (0-2)	-15.7 (-73-69)	60 (37-89)	51 (31-78)	-15.3 (-30.4-1.2)	0 (0-0.1)	2.3 (1.5-3.5)	0.1 (0-0.1)	4.2 (2.4-6.9)	55	55	12	7
Kilifi	393 (306-488)	494 (392-624)	25.8 (17.9-35.2)	5,050 (4,080-6,220)	7,720 (6,180-9,570)	52.6 (42.1-63.2)	7 (3-14)	11 (5-22)	50.3 (-2.2-165)	253 (193-325)	437 (332-580)	72.9 (56.4-89.2)	3 (1-5)	2 (1-4)	-11 (-45.7-74.7)	62 (42-88)	94 (64-132)	51.4 (29.8-74.7)	0.1 (0-0.1)	1.5 (1-2.1)	0.1 (0.1-0.2)	5.6 (3.7-8.2)	46	44	14	7
Kirinyaga	163 (119-223)	104 (74-144)	-36.5 (-42.5--30)	2,030 (1,540-2,710)	1,830 (1,370-2,460)	-10.4 (-19--2.3)	2 (1-3)	2 (1-3)	7 (-38-61.4)	108 (76-151)	108 (77-155)	0.3 (-10.1-14.5)	0 (0-1)	0 (0-0)	-40.7 (-85.9-11.6)	20 (12-30)	15 (9-23)	-25.7 (-38.2--9.2)	0 (0-0.1)	2.3 (1.4-3.3)	0.1 (0-0.1)	4.3 (2.5-7)	56	60	12	8
Kisii	673 (497-903)	370 (274-481)	-45.1 (-49.7--40.4)	8,360 (6,360-10,800)	6,810 (5,310-8,700)	-18.9 (-25.9--12.4)	17 (8-26)	12 (6-20)	-27.3 (-52.3-13.9)	456 (325-652)	420 (298-583)	-8.1 (-18.1-3)	4 (2-7)	1 (1-2)	-68.6 (-80.8--32.3)	100 (63-147)	68 (43-99)	-31.9 (-42.9--19.8)	0.1 (0-0.2)	2.2 (1.5-3.3)	0.1 (0.1-0.2)	7.7 (4.5-11.7)	45	43	13	6
Kisumu	836 (665-1,040)	663 (539-836)	-20.7 (-28.7--14.3)	8,560 (6,890-10,700)	9,620 (7,700-11,600)	12 (1.8-22.5)	10 (6-17)	11 (6-18)	7.2 (-29.9-68)	559 (433-717)	682 (539-878)	22 (10.1-35.8)	3 (1-5)	2 (1-3)	-37.5 (-59.5-24.2)	164 (104-246)	157 (105-228)	-4.4 (-19.5-14.6)	0.1 (0-0.1)	3.7 (2.4-5.8)	0.1 (0.1-0.2)	12.9 (8.2-19.4)	45	41	9	2
Kitui	393 (282-540)	336 (243-459)	-14.5 (-23.4--5.5)	4,560 (3,430-5,970)	5,060 (3,820-6,670)	10.8 (0.9-23.5)	3 (2-5)	3 (2-5)	-11.4 (-46.4-35)	230 (158-329)	283 (199-409)	23 (8.8-38.5)	1 (0-1)	0 (0-1)	-46.9 (-70.3-10.2)	52 (32-78)	50 (31-76)	-3.2 (-20.8-16.7)	0 (0-0.1)	2.1 (1.3-3.3)	0.1 (0-0.1)	6.5 (3.7-10.8)	58	59	12	6
Kwale	297 (215-396)	342 (250-451)	15.2 (1.3-27.8)	3,850 (2,910-4,950)	5,330 (4,130-6,980)	38.2 (24.4-51.4)	5 (2-9)	7 (3-12)	29.1 (-21-123)	205 (143-284)	306 (211-423)	49.6 (32.7-71)	2 (1-3)	1 (1-2)	-17 (-48.7-60.4)	48 (30-75)	63 (39-95)	30.5 (9.3-57.7)	0.1 (0-0.1)	2.4 (1.6-3.5)	0.1 (0.1-0.2)	5.7 (3.4-8.9)	43	43	12	6
Laikipia	145 (105-193)	94 (67-126)	-35 (-42.6--27.1)	1,790 (1,350-2,360)	1,690 (1,280-2,230)	-5.8 (-14.7-3.1)	1 (1-2)	1 (0-2)	-24.9 (-57.1-20)	83 (56-120)	89 (61-124)	7.4 (-5.6-23.3)	0 (0-0)	0 (0-0)	-47.1 (-76.4-17.8)	15 (9-22)	12 (7-17)	-22.2 (-36.5--5)	0 (0-0)	2.4 (1.4-3.7)	0.1 (0-0.1)	7.9 (4.4-12.7)	59	59	11	5
Lamu	29 (22-39)	32 (24-44)	11 (-1.9-22.5)	376 (288-484)	525 (404-687)	39.2 (27.1-50.5)	0 (0-1)	1 (0-1)	28.2 (-29.9-133)	20 (14-29)	31 (22-43)	51.1 (33.4-69.9)	0 (0-0)	0 (0-0)	-29 (-60.9-57.1)	4 (3-7)	5 (3-9)	24.4 (3.6-48.3)	0 (0-0.1)	1.5 (0.9-2.5)	0.1 (0-0.1)	3.7 (2.2-5.9)	55	61	14	10
Machakos	398 (286-535)	183 (130-246)	-54 (-57.9--48.9)	5,600 (4,190-7,400)	3,630 (2,770-4,700)	-35.4 (-41.4--28.5)	3 (2-5)	2 (1-4)	-19.4 (-44.7-19.3)	275 (187-394)	202 (140-281)	-26.7 (-35.4--16.4)	1 (0-1)	0 (0-1)	-41.6 (-72.6-8.8)	50 (30-76)	27 (16-41)	-45.7 (-54.9--34.4)	0 (0-0)	2.2 (1.3-3.5)	0.1 (0-0.1)	4 (2.2-6.7)	58	56	10	8
Makueni	271 (198-378)	370 (263-505)	36.3 (24.6-51.8)	3,200 (2,390-4,290)	5,720 (4,250-7,560)	78.4 (65.5-93.3)	1 (1-2)	2 (1-4)	67.5 (-8.5-152)	156 (108-229)	314 (216-440)	101 (79.7-128)	0 (0-0)	0 (0-0)	-49.8 (-74.7--1.4)	33 (21-50)	50 (31-76)	49.9 (28.2-78.4)	0 (0-0)	2.5 (1.6-3.8)	0 (0-0.1)	14.9 (8.8-23.8)	61	58	10	1
Mandera	121 (88-163)	1,390 (975-1,890)	1050 (940-1200)	1,720 (1,280-2,240)	17,700 (13,300-22,900)	921 (813-1060)	2 (1-2)	13 (8-22)	721 (442-1190)	95 (65-138)	1,020 (706-1,440)	967 (844-1110)	1 (0-1)	1 (0-2)	122 (33.9-311)	24 (14-37)	224 (135-338)	844 (679-1040)	0 (0-0.1)	1.9 (1.1-3.2)	0.1 (0-0.1)	10 (6-16)	58	59	15	4
Marsabit	88 (65-119)	175 (127-239)	98.9 (75.4-119)	1,000 (742-1,340)	2,190 (1,630-2,810)	119 (99.5-138)	1 (0-1)	2 (1-3)	161 (69-331)	53 (37-77)	123 (87-176)	134 (108-164)	0 (0-0)	0 (0-1)	85.4 (21.5-208)	13 (8-20)	26 (16-39)	102 (68.4-145)	0 (0-0.1)	2 (1.2-3.1)	0 (0-0.1)	3.3 (2-5.4)	59	64	12	7
Meru	486 (355-665)	337 (238-449)	-30.6 (-36.3--21.9)	6,440 (4,830-8,520)	6,260 (4,670-8,090)	-3.2 (-10.9-7)	3 (2-6)	6 (3-11)	76.8 (5.9-192)	334 (228-465)	362 (249-502)	8.5 (-3.1-23.2)	1 (1-1)	1 (1-2)	36.6 (-35.3-112)	67 (41-102)	53 (32-81)	-21.7 (-33.1--5.2)	0 (0-0)	2.3 (1.5-3.5)	0.1 (0-0.1)	3.6 (2.1-5.7)	59	57	11	9
Migori	816 (614-1,080)	1,130 (817-1,480)	39 (28.1-57.6)	7,310 (5,610-9,360)	12,700 (9,610-16,500)	73 (60-90.1)	16 (4-32)	24 (6-44)	43.1 (-18.1-167)	426 (302-592)	810 (574-1,120)	90 (69.8-113)	8 (2-15)	5 (1-10)	-31.3 (-58.7-89.1)	126 (80-189)	225 (146-338)	79.2 (52.5-110)	0.1 (0-0.2)	1.8 (1.1-2.7)	0.2 (0-0.4)	8.6 (5.7-13.6)	38	36	14	5
Mombasa	288 (205-387)	355 (258-470)	23.2 (11.2-35.2)	3,910 (2,970-5,000)	6,440 (4,930-8,350)	63.9 (48.8-75)	3 (2-7)	6 (3-11)	75.1 (-17.9-217)	202 (145-280)	360 (262-489)	78.6 (60.2-98.1)	0 (0-1)	0 (0-1)	-22.4 (-58.4-44)	36 (23-53)	55 (35-80)	55 (30.8-85.9)	0 (0-0.1)	2.4 (1.5-3.5)	0.1 (0-0.1)	11.1 (6.8-17.4)	51	49	10	3
Murang'a	250 (175-339)	169 (122-225)	-32.6 (-38.7--26.3)	3,550 (2,690-4,660)	3,310 (2,530-4,300)	-7.1 (-14.7-1.1)	2 (1-4)	3 (2-5)	26.7 (-18.8-114)	176 (121-252)	188 (133-265)	6.7 (-5.3-20.8)	0 (0-1)	0 (0-1)	-32.5 (-78.4-15.9)	31 (18-48)	22 (14-33)	-28.3 (-40.1--15.5)	0 (0-0.1)	2.6 (1.6-4.2)	0.1 (0-0.1)	5.2 (3-8)	57	56	12	7
Nairobi	830 (598-1,120)	950 (678-1,290)	14.4 (3.6-27.9)	9,710 (7,330-12,500)	16,000 (12,100-21,400)	64.3 (50.2-79.8)	12 (8-19)	16 (9-23)	31.7 (-19.5-117)	529 (372-734)	941 (670-1,300)	77.9 (58.4-99.2)	2 (1-3)	1 (0-1)	-71.4 (-93.9--21.4)	86 (52-128)	130 (80-194)	52.1 (28.1-82)	0 (0-0.1)	2.1 (1.2-3.2)	0.1 (0-0.1)	14.5 (7.6-24.7)	56	61	11	1
Nakuru	495 (357-676)	379 (271-507)	-23.5 (-32.6--14.2)	6,420 (4,890-8,380)	7,260 (5,540-9,380)	12.6 (1.6-22.2)	4 (2-7)	5 (3-8)	25.3 (-10.7-86.9)	311 (211-440)	399 (283-551)	28.2 (13.6-43.2)	1 (0-1)	1 (0-1)	7.6 (-36.8-76.4)	57 (35-86)	50 (31-74)	-12.7 (-26.1-4.9)	0 (0-0.1)	2.7 (1.7-4.2)	0.1 (0-0.1)	4.8 (2.7-7.9)	55	56	10	8
Nandi	268 (192-365)	220 (161-292)	-18 (-26.1--8.4)	3,590 (2,720-4,660)	4,090 (3,130-5,420)	13.6 (4-26.2)	2 (1-3)	3 (2-4)	24 (-14.5-73.8)	165 (114-237)	212 (150-302)	28.8 (14.2-43)	0 (0-1)	0 (0-1)	5.3 (-31.9-72.1)	32 (20-50)	31 (19-45)	-5.9 (-20.8-10.6)	0 (0-0)	2.8 (1.7-4.6)	0.1 (0-0.1)	6.1 (3.8-9.5)	54	54	10	7
Narok	211 (153-282)	800 (558-1,100)	280 (236-321)	2,430 (1,800-3,160)	10,300 (7,600-13,700)	324 (281-370)	1 (1-2)	6 (3-11)	331 (158-550)	116 (81-167)	541 (379-765)	365 (314-429)	0 (0-0)	0 (0-1)	86.6 (11.5-225)	28 (17-43)	108 (66-163)	282 (231-347)	0 (0-0)	3 (1.8-4.9)	0.1 (0-0.1)	12.1 (7.3-19.5)	60	59	12	3
Nyamira	182 (129-240)	203 (142-271)	11.8 (2.1-24.1)	2,210 (1,660-2,880)	3,510 (2,560-4,580)	58.2 (47.5-72.5)	2 (2-4)	5 (3-8)	127 (47.7-252)	111 (77-158)	199 (137-290)	79.6 (59.1-102)	0 (0-0)	0 (0-0)	7.1 (-34.5-96.5)	20 (12-30)	26 (16-38)	29.9 (10.8-57.3)	0 (0-0.1)	3 (1.9-4.5)	0.1 (0-0.1)	9.3 (5.7-13.5)	50	50	10	5
Nyandarua	213 (155-292)	162 (118-220)	-23.9 (-34--17.2)	2,630 (2,000-3,490)	2,720 (2,040-3,530)	3 (-6.6-10.5)	2 (1-3)	3 (2-5)	44.7 (-5.3-126)	130 (90-185)	152 (107-217)	17.5 (6.5-30.4)	0 (0-0)	0 (0-0)	-34.2 (-79.3-39.3)	23 (14-35)	19 (11-29)	-18.2 (-31.6--3.1)	0 (0-0)	3 (1.8-4.9)	0.1 (0-0.1)	7.1 (4.1-11.6)	58	62	11	6
Nyeri	221 (162-295)	117 (83-160)	-47.2 (-52.4--41.3)	3,050 (2,300-4,010)	2,260 (1,720-2,940)	-26.3 (-31.6--19.5)	3 (1-4)	2 (1-4)	-5.6 (-41.3-76.9)	156 (111-222)	131 (92-183)	-15.9 (-25.5--4.7)	0 (0-0)	0 (0-0)	-31.8 (-77.8-23.1)	24 (15-37)	14 (9-22)	-41.4 (-51.4--27.8)	0 (0-0)	2.9 (1.7-4.6)	0.1 (0-0.1)	6.4 (3.7-10.4)	61	59	10	7
Samburu	85 (60-116)	136 (99-189)	59.4 (46.2-76.3)	903 (669-1,200)	1,680 (1,250-2,260)	85.8 (75.1-101)	1 (0-1)	1 (1-2)	122 (45.9-281)	44 (30-64)	90 (62-132)	104 (78.7-131)	0 (0-0)	0 (0-0)	60.3 (4.2-169)	10 (6-15)	17 (10-26)	68.5 (42.3-102)	0 (0-0)	1.8 (1.1-2.7)	0 (0-0.1)	3.3 (1.9-5.4)	65	65	16	8
Siaya	680 (504-859)	605 (439-791)	-11 (-19-2.4)	6,900 (5,330-8,790)	8,070 (6,130-10,500)	16.8 (7-30.6)	16 (4-32)	12 (3-24)	-28.2 (-53.4-25)	400 (290-543)	515 (366-702)	28.7 (14.5-46)	8 (2-16)	3 (1-6)	-55.6 (-69.8-3.8)	110 (70-165)	127 (82-187)	15 (-1.5-37.9)	0.1 (0-0.3)	1.8 (1.1-2.7)	0.2 (0-0.4)	7.5 (4.6-11.4)	37	40	14	6

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Taita Taveta	83 (60-111)	56 (41-76)	-31.9 (-39.7--24.4)	1,250 (954-1,620)	1,140 (870-1,510)	-9.7 (-17.9-0)	1 (1-2)	1 (1-2)	14.3 (-41.5-95.6)	68 (48-96)	68 (48-95)	0.8 (-11.3-13.8)	0 (0-0)	0 (0-0)	-37.1 (-69.7-14.3)	12 (7-19)	9 (6-14)	-23.3 (-37.2--7.2)	0 (0-0.1)	1.9 (1.3-3)	0.1 (0-0.1)	5.7 (3.4-9.7)	52	56	11	6
Tana River	94 (69-130)	134 (96-180)	41.9 (25.6-58.4)	1,130 (859-1,500)	1,750 (1,290-2,290)	55.4 (41.6-68.5)	1 (1-2)	2 (1-3)	34.6 (-17.8-126)	61 (43-86)	100 (70-141)	64.3 (45.3-84.8)	0 (0-1)	0 (0-1)	-3.9 (-47.1-85.4)	15 (9-22)	22 (14-35)	52.5 (26.2-79.8)	0 (0-0.1)	1.8 (1.1-2.8)	0.1 (0-0.1)	4.1 (2.3-6.3)	55	55	15	8
Tharaka Nithi	41 (29-56)	35 (26-47)	-16 (-22.9--8.5)	522 (385-686)	599 (463-791)	14.4 (5-25)	1 (0-1)	1 (0-1)	-7 (-42.9-34.7)	28 (19-40)	35 (25-50)	26.6 (12.1-44.5)	0 (0-0)	0 (0-0)	7.6 (-52.6-154)	6 (4-9)	6 (3-9)	-6.4 (-20.5-12.8)	0.1 (0-0.1)	2 (1.2-3.3)	0.1 (0-0.1)	2.5 (1.5-4.1)	56	57	15	11
Trans Nzoia	297 (219-405)	286 (207-388)	-3.6 (-12.8-7.5)	3,680 (2,780-4,820)	4,830 (3,580-6,230)	30.9 (18.7-41.8)	3 (2-4)	3 (2-6)	29.2 (-18.3-115)	183 (126-256)	271 (191-376)	47.7 (31.8-68.2)	1 (0-1)	0 (0-1)	-6.2 (-44.2-61.7)	40 (25-62)	44 (28-67)	9.5 (-7.5-33.5)	0 (0-0.1)	2.9 (1.7-4.3)	0.1 (0.1-0.1)	8.7 (5.2-13.2)	47	52	10	3
Turkana	277 (198-382)	763 (554-1,020)	175 (150-207)	2,880 (2,190-3,800)	9,050 (7,040-11,700)	214 (189-246)	2 (1-3)	5 (2-11)	166 (43-404)	149 (104-213)	503 (356-693)	237 (193-284)	0 (0-1)	0 (0-1)	-11.5 (-49.7-71.5)	36 (22-55)	110 (70-164)	208 (160-257)	0 (0-0)	2 (1.2-3.1)	0 (0-0.1)	9.4 (5.7-14.6)	61	62	13	4
Uasin Gishu	282 (204-388)	260 (188-352)	-7.8 (-16.6-3.5)	3,570 (2,660-4,710)	4,850 (3,790-6,240)	35.2 (23.9-49)	2 (1-4)	3 (2-6)	41.1 (-1.8-105)	172 (118-251)	264 (187-371)	53.2 (37.2-72.2)	0 (0-1)	1 (0-1)	66.8 (1.5-152)	35 (22-52)	38 (24-56)	9.6 (-8.1-29.7)	0 (0-0)	2.6 (1.7-4)	0.1 (0.1-0.1)	4.7 (2.8-7.3)	54	54	10	7
Vihiga	212 (156-280)	264 (193-355)	24.4 (8.3-46)	2,660 (2,050-3,480)	4,270 (3,280-5,580)	60.1 (43-80.1)	4 (2-6)	6 (3-12)	76.1 (4.7-188)	142 (97-201)	253 (181-357)	78.2 (57.4-106)	1 (0-2)	0 (0-1)	-53.8 (-68.7--17.7)	34 (21-52)	46 (29-68)	34.2 (12.4-63.9)	0.1 (0-0.1)	2.5 (1.5-3.7)	0.1 (0.1-0.2)	12.1 (7.7-19.6)	41	40	11	2
Wajir	185 (132-247)	514 (369-685)	178 (141-211)	2,110 (1,590-2,770)	5,740 (4,280-7,420)	171 (144-202)	2 (1-3)	4 (2-6)	74 (14-169)	117 (82-164)	327 (228-463)	179 (141-220)	1 (0-2)	1 (0-1)	-10.4 (-44.5-77.5)	28 (17-44)	77 (48-121)	175 (124-226)	0 (0-0.1)	1.3 (0.8-2.3)	0 (0-0)	3.4 (2.1-5.7)	61	66	15	8
West Pokot	200 (145-273)	354 (259-478)	76.5 (58.3-93.3)	2,020 (1,520-2,730)	4,180 (3,170-5,460)	106 (86.8-124)	2 (2-3)	4 (2-5)	63.7 (-0.8-180)	108 (76-158)	242 (167-344)	123 (94.5-150)	1 (0-1)	0 (0-1)	-29.5 (-54.5-40.7)	30 (18-47)	57 (35-88)	90.8 (57.7-128)	0 (0-0.1)	2.2 (1.3-3.2)	0.1 (0-0.1)	7 (4.2-11.3)	53	56	14	6
Madagascar	2,530 (2,140-2,980)	3,240 (2,720-3,860)	28 (17.5-39.8)	25,600 (21,600-30,300)	40,600 (34,000-48,000)	58.4 (46.8-73.4)	142 (72-203)	196 (108-302)	38.2 (-2.6-116)	1,460 (1,200-1,780)	2,370 (1,970-2,870)	62.5 (50.2-75.9)	47 (15-92)	38 (16-68)	-19.3 (-49.2-88.2)	432 (295-602)	600 (399-820)	38.9 (21.8-58.8)	0.1 (0-0.1)	0.6 (0.4-0.8)	0.1 (0-0.1)	1.2 (0.7-1.6)	52	57	20	17
Malawi	404 (351-488)	422 (364-519)	4.5 (-4.8-13)	3,590 (3,020-4,380)	5,780 (4,800-6,940)	60.8 (47-76.2)	58 (35-94)	61 (39-101)	5.6 (-44.1-107)	214 (179-265)	354 (292-436)	65.5 (51.9-78.6)	21 (6-44)	11 (5-19)	-49 (-73.1-52.9)	74 (53-100)	94 (65-126)	26.1 (9.8-42.9)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.3 (0.2-0.4)	81	80	50	32
Mozambique	155 (128-184)	220 (183-264)	41.7 (34.4-49.4)	1,140 (943-1,300)	2,010 (1,690-2,320)	75.9 (67.5-83.9)	31 (17-52)	36 (22-56)	15.8 (-37.2-141)	92 (74-112)	161 (130-198)	75.9 (64.2-87.6)	14 (4-28)	9 (5-16)	-31.2 (-65.8-117)	44 (33-60)	71 (52-96)	59.2 (43.5-75.6)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	96	96	75	54
Rwanda	76 (61-92)	84 (67-103)	10.4 (2.6-19.1)	747 (608-906)	1,030 (829-1,230)	37.5 (28.4-52)	23 (13-38)	17 (10-27)	-28 (-61.6-55.8)	49 (38-62)	69 (54-87)	41.8 (29.7-53.7)	7 (1-14)	3 (1-6)	-52.9 (-77.4-46.8)	18 (12-24)	21 (15-30)	20.2 (6.9-34.9)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	100	92	77	47
Somalia	27 (19-37)	48 (34-66)	80.8 (63.1-99.9)	168 (121-224)	342 (251-450)	103 (86.9-121)	6 (3-10)	9 (5-15)	62.4 (-9.9-197)	17 (12-24)	34 (23-47)	100 (78.2-123)	3 (1-7)	4 (1-7)	30.9 (-35.4-224)	10 (6-15)	19 (12-30)	94.5 (67.9-122)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	116	121	101	94
South Sudan	97 (72-120)	105 (81-131)	9 (-1.1-18.5)	831 (633-1,040)	1,010 (789-1,270)	20.5 (11.1-28.4)	12 (7-23)	21 (12-38)	73.4 (9.7-189)	57 (42-74)	68 (51-90)	20.7 (9.6-32.2)	5 (1-11)	9 (2-18)	84.6 (4.9-393)	22 (15-32)	25 (17-35)	11.7 (-1.4-26.9)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	101	103	64	77
Uganda	7,250 (6,200-8,310)	9,410 (7,840-10,700)	29.7 (20.3-41)	65,800 (56,100-76,200)	107,000 (90,300-124,000)	63 (50.2-79.1)	262 (133-395)	322 (170-525)	23.1 (-20.6-96.8)	3,710 (3,040-4,320)	6,240 (4,950-7,350)	68.4 (54.3-81.3)	90 (27-163)	79 (36-140)	-12.4 (-45.2-125)	1,150 (768-1,620)	1,700 (1,050-2,410)	47.5 (27.3-70.5)	0.1 (0-0.1)	0.7 (0.5-1)	0.1 (0-0.1)	1.8 (1.1-2.7)	52	52	19	13
United Republic of Tanzania	9,600 (8,130-11,100)	13,100 (10,900-15,000)	37 (25.4-52.5)	99,100 (82,600-114,000)	164,000 (136,000-190,000)	65.6 (51.7-82.4)	582 (239-1,940)	762 (300-2,820)	30.8 (-24.9-116)	4,960 (4,020-5,800)	8,450 (6,720-10,100)	70.3 (54.4-90.5)	205 (51-442)	197 (64-516)	-3.5 (-47.3-93.3)	1,390 (885-1,910)	2,190 (1,500-3,040)	57.2 (36.9-90.2)	0.1 (0-0.2)	0.8 (0.5-1)	0.2 (0.1-0.6)	2.2 (1.4-3.2)	46	45	19	12
Zambia	3,420 (2,950-4,180)	4,700 (4,090-5,700)	37.6 (29.3-52.4)	33,500 (28,700-40,500)	60,100 (50,900-73,600)	78.9 (66-96.7)	179 (73-291)	216 (78-363)	20.3 (-18.1-96.5)	1,870 (1,540-2,310)	3,400 (2,810-4,230)	82.2 (66.6-100)	68 (20-134)	53 (18-91)	-22.3 (-48.8-67.2)	549 (368-758)	853 (594-1,180)	55.4 (34.7-76.2)	0.1 (0-0.2)	0.9 (0.6-1.2)	0.2 (0.1-0.3)	3 (1.8-4)	45	45	19	11
Southern Sub-Saharan Africa	114 (95-133)	111 (95-135)	-2.9 (-8.8-7.2)	1,370 (1,150-1,600)	1,490 (1,270-1,750)	9 (3-18.8)	26 (18-35)	34 (23-55)	33.2 (-13.7-89.8)	84 (68-103)	92 (75-114)	10.4 (3.5-21.3)	2 (1-4)	4 (3-8)	88.1 (2.1-220)	27 (20-37)	28 (21-39)	5 (-3.4-15)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	109	109	63	73
Botswana	20 (16-23)	21 (17-25)	6 (-1.6-14.2)	357 (304-422)	422 (357-490)	17.6 (8.2-26.8)	3 (2-5)	3 (2-4)	-5.3 (-40.1-50.1)	15 (12-18)	19 (16-23)	28.6 (17.1-39)	0 (0-0)	0 (0-1)	43.9 (-39-173)	3 (2-4)	3 (2-4)	12.7 (0.1-26.6)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.2 (0.1-0.2)	93	98	38	42
Eswatini	1 (1-1)	1 (1-1)	-17.3 (-22.8--11.9)	10 (7-12)	9 (7-11)	-6.7 (-13.9-2.4)	0 (0-0)	0 (0-0)	-9.9 (-48.1-39.7)	1 (1-1)	1 (1-1)	-4.7 (-11.3-2.2)	0 (0-0)	0 (0-0)	-4.1 (-44.2-51.5)	0 (0-1)	0 (0-1)	-11 (-19.4--1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	117	120	75	77
Lesotho	2 (1-2)	1 (1-2)	-23.2 (-30.6--15.8)	15 (12-18)	13 (10-16)	-11.6 (-20.2--2.8)	0 (0-0)	0 (0-0)	23.4 (-27.9-114)	1 (1-2)	1 (1-2)	-9.9 (-17.4--1.9)	0 (0-0)	0 (0-0)	18.7 (-35.1-108)	1 (0-1)	1 (0-1)	-16.2 (-25.5--6.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	118	67	76
Namibia	2 (1-2)	2 (2-3)	12.6 (4.8-19.6)	17 (14-21)	20 (15-24)	12.8 (5.3-21.5)	0 (0-0)	0 (0-0)	-8.7 (-52.6-55.5)	1 (1-2)	2 (1-2)	16.3 (6.2-26.3)	0 (0-0)	0 (0-0)	30 (-30.3-138)	1 (0-1)	1 (1-1)	14.2 (0.1-28.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	117	120	66	69
South Africa	19 (13-27)	18 (13-25)	-6.2 (-9.9--2.5)	155 (112-195)	155 (113-193)	0.2 (-4-3.6)	2 (1-3)	1 (1-2)	-21.2 (-48.4-21.7)	17 (12-24)	17 (13-24)	0.4 (-3.6-4.6)	0 (0-1)	1 (0-1)	18.7 (-28.1-88.1)	8 (6-13)	8 (5-13)	-0.7 (-6.5-1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	122	121	79	81
Eastern Cape	3 (2-4)	2 (2-3)	-27.5 (-33--19.6)	24 (17-31)	18 (13-23)	-24 (-29.5--18)	0 (0-0)	0 (0-0)	-35.3 (-55.7-2.4)	3 (2-4)	2 (2-3)	-23 (-30.8--13.3)	0 (0-0)	0 (0-0)	-35.4 (-63-18.1)	1 (1-2)	1 (1-2)	-24 (-34.1--11.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	120	128	85	80
Free State	1 (1-1)	1 (1-1)	-24 (-29.8--14.9)	9 (6-11)	7 (5-9)	-19.3 (-25.4--11)	0 (0-0)	0 (0-0)	-35.7 (-60.4-7)	1 (1-1)	1 (1-1)	-18.4 (-27.3--6.5)	0 (0-0)	0 (0-0)	10.1 (-34.3-104)	0 (0-1)	0 (0-1)	-17.2 (-28.7--0.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	113	117	77	83
Gauteng	3 (2-4)	4 (3-6)	42.2 (29.7-66.9)	24 (18-30)	38 (28-47)	59.6 (46-74)	0 (0-1)	0 (0-1)	-1.8 (-38.9-60.2)	3 (2-4)	4 (3-6)	59.6 (43.7-86.8)	0 (0-0)	0 (0-0)	75.5 (-18.4-248)	1 (1-2)	2 (1-3)	65 (42.4-105)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	118	78	80
KwaZulu-Natal	4 (3-6)	4 (3-5)	-18.3 (-25.9--11.1)	36 (25-45)	32 (23-40)	-10.5 (-17.3--0.2)	0 (0-1)	0 (0-0)	-41.9 (-62.8--5.4)	4 (3-6)	4 (3-5)	-9.9 (-18.2-0.3)	0 (0-0)	0 (0-0)	27.1 (-34.2-134)	2 (1-3)	2 (1-3)	-12.7 (-23.5-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	120	123	71	78
Limpopo	3 (2-4)	2 (2-3)	-23.8 (-29.2--16)	25 (18-32)	20 (14-25)	-22.7 (-28.1--16.5)	0 (0-0)	0 (0-0)	22.8 (-25.7-94.3)	3 (2-4)	2 (1-3)	-20.7 (-27.3--10.8)	0 (0-0)	0 (0-0)	42.7 (-25.6-167)	1 (1-2)	1 (1-2)	-20.6 (-30.3--7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	116	119	72	87

Location	Births, 2000	Births, 2021	Births percent change (2000-2021)	All age cases, 2000	All age cases, 2021	All age cases percent change (2000-2021)	All age deaths (cause-specific), 2000	All age deaths (cause-specific), 2021	All age deaths (cause-specific) percent change (2000-2021)	All age deaths (total), 2000	All age deaths (total), 2021	All age deaths (total) percent change (2000-2021)	Under-5 deaths (cause-specific), 2000	Under-5 deaths (cause-specific), 2021	Under-5 deaths (cause-specific) percent change (2000-2021)	Under-5 deaths (total), 2000	Under-5 deaths (total), 2021	Under-5 deaths (total) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Mpumalanga	1 (1-2)	2 (1-3)	21.9 (9-32.8)	13 (9-16)	16 (11-20)	24.4 (11.3-37.1)	0 (0-0)	0 (0-0)	-8.8 (-44.7-62.7)	1 (1-2)	2 (1-3)	26.1 (8.8-40.3)	0 (0-0)	0 (0-0)	98.4 (11.3-243)	1 (0-1)	1 (1-1)	26.7 (3.5-47.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	115	117	74	79
North-West	1 (1-2)	1 (1-1)	-29.4 (-36--22.4)	12 (9-15)	9 (6-12)	-24.3 (-31.2--15.9)	0 (0-0)	0 (0-0)	-32.3 (-57.4-11)	1 (1-2)	1 (1-2)	-24.2 (-32.6--13.3)	0 (0-0)	0 (0-0)	-23.1 (-56.7-26.6)	1 (0-1)	1 (0-1)	-22.9 (-34--6.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	118	79	77
Northern Cape	0 (0-0)	0 (0-1)	54.3 (32.1-76.8)	3 (2-3)	4 (3-5)	55.6 (40.5-74)	0 (0-0)	0 (0-0)	-2.5 (-37.9-61.3)	0 (0-0)	0 (0-1)	57.4 (38.6-83.6)	0 (0-0)	0 (0-0)	28.2 (-33.7-122)	0 (0-0)	0 (0-0)	51.5 (26.8-85.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	117	118	83	80
Western Cape	1 (1-1)	1 (1-2)	4.8 (-14.9-25.2)	10 (7-13)	11 (8-16)	14.4 (-5.4-35.1)	0 (0-0)	0 (0-0)	-38.4 (-61.5--4.8)	1 (1-1)	1 (1-2)	15.6 (-4.6-36.8)	0 (0-0)	0 (0-0)	-38.8 (-76.4-7.2)	0 (0-1)	0 (0-1)	13.6 (-11.1-38.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	120	122	87	78
Zimbabwe	71 (58-87)	68 (56-88)	-4.1 (-12.9-11.4)	813 (663-993)	873 (694-1,080)	7.4 (-1.7-24)	20 (14-29)	30 (19-49)	44.2 (-14.8-122)	48 (38-61)	53 (41-69)	9.1 (-2.2-28.5)	2 (1-3)	4 (2-6)	116 (6.8-281)	14 (10-19)	15 (11-21)	7.8 (-6.7-27.3)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	87	90	48	62
Western Sub-Saharan Africa	229,000 (190,000-275,000)	290,000 (239,000-347,000)	26.3 (23-29.9)	2,460,000 (2,110,000-2,890,000)	4,130,000 (3,460,000-4,860,000)	67.6 (62.1-73)	18,500 (12,800-24,200)	23,700 (15,200-33,700)	28.1 (-3-74.1)	113,000 (91,900-138,000)	182,000 (149,000-225,000)	61.4 (56.3-66.4)	9,070 (5,380-13,400)	9,040 (5,100-12,900)	-0.3 (-28.9-43.1)	29,200 (21,600-39,200)	41,000 (30,000-54,300)	40.5 (33.4-46.6)	0.5 (0.3-0.7)	1.5 (1.1-2)	0.6 (0.4-0.8)	2.7 (1.9-3.6)	22	21	14	8
Benin	10,600 (8,770-12,300)	13,400 (11,100-16,100)	27 (14.3-39)	129,000 (110,000-147,000)	182,000 (148,000-215,000)	40.3 (26.4-53.1)	1,170 (540-1,890)	1,490 (772-2,370)	27.4 (-7.7-96.4)	4,900 (4,060-5,860)	7,450 (5,990-9,130)	52.3 (34.9-69.1)	660 (213-1,190)	686 (293-1,240)	3.9 (-32.9-87.1)	1,210 (879-1,640)	1,730 (1,240-2,350)	43.5 (24.3-64.2)	1.6 (0.5-2.8)	2.9 (2.1-3.9)	1.7 (0.8-2.8)	4.3 (2.9-6.2)	13	11	9	7
Burkina Faso	18,100 (16,800-19,400)	22,000 (18,100-25,700)	21 (-0.1-42.9)	221,000 (207,000-236,000)	281,000 (231,000-329,000)	27.2 (5.6-48.3)	2,180 (173-9,350)	2,650 (199-13,200)	21.6 (-21.3-89)	8,070 (7,120-9,210)	11,400 (9,380-13,800)	41.4 (19.3-66.8)	1,320 (74-5,820)	1,370 (70-7,560)	4.2 (-46.6-74.9)	2,070 (1,580-2,730)	2,910 (2,170-3,830)	40.7 (15.7-73.3)	1.3 (0.1-5.6)	2 (1.5-2.7)	1.5 (0.1-8.5)	3.3 (2.3-4.4)	14	13	12	9
Cabo Verde	15 (12-18)	12 (10-15)	-16.6 (-22--10.6)	291 (240-357)	291 (238-359)	-0.4 (-6.8-6.7)	3 (2-4)	2 (1-3)	-33.2 (-54.3--3.5)	10 (8-12)	11 (9-14)	17.9 (9.7-28.1)	1 (0-1)	0 (0-0)	-79.8 (-92.5--38.5)	2 (1-2)	1 (1-2)	-12.8 (-20.2--3.8)	0.1 (0.1-0.2)	0.3 (0.2-0.3)	0.1 (0.1-0.2)	1.2 (0.8-1.6)	46	52	35	16
Cameroon	5,050 (4,300-5,660)	7,310 (6,390-8,270)	44.7 (35.7-54.2)	64,300 (53,800-73,300)	126,000 (107,000-143,000)	95.6 (83.1-111)	686 (177-1,100)	970 (309-1,790)	41.4 (1.5-121)	2,470 (2,030-2,870)	4,980 (4,160-5,800)	101 (84.2-118)	265 (49-518)	281 (67-520)	5.9 (-27.5-76.3)	621 (419-852)	1,040 (715-1,440)	67.5 (45.7-90.5)	0.3 (0.1-0.7)	0.8 (0.6-1.1)	0.4 (0.1-0.7)	1.4 (1-2.1)	28	26	21	12
Chad	940 (825-1,060)	1,790 (1,560-2,010)	90.9 (78.1-104)	9,090 (7,670-10,500)	19,400 (16,600-22,400)	114 (96.9-129)	199 (90-337)	322 (155-579)	62.5 (15.7-143)	428 (353-502)	909 (748-1,050)	112 (98.2-128)	100 (32-199)	134 (50-237)	33.9 (-7.6-163)	167 (126-214)	341 (252-437)	104 (85.7-122)	0.1 (0-0.3)	0.2 (0.2-0.3)	0.1 (0-0.2)	0.3 (0.2-0.5)	37	36	34	26
Côte d'Ivoire	5,080 (4,550-5,470)	6,050 (5,400-6,640)	18.9 (12.5-26.2)	51,500 (45,400-56,300)	74,900 (66,800-83,600)	45.4 (36-56.2)	494 (316-748)	531 (337-737)	7.4 (-23.6-60.5)	2,790 (2,450-3,160)	4,080 (3,600-4,580)	46.4 (38.3-55)	180 (103-294)	153 (96-224)	-14.7 (-44.8-41.6)	1,090 (876-1,340)	1,470 (1,180-1,810)	34.8 (23.8-47.4)	0.2 (0.1-0.3)	1.2 (0.9-1.5)	0.2 (0.2-0.3)	2.3 (1.8-3.1)	34	34	15	10
Gambia	414 (365-470)	443 (380-513)	7 (-1.2-14.9)	4,830 (4,220-5,470)	7,480 (6,240-8,560)	54.6 (41.2-65.8)	74 (18-320)	94 (24-392)	26.9 (-19.1-111)	184 (155-214)	288 (242-336)	57 (46-70.2)	34 (6-149)	26 (6-129)	-24.5 (-73-83)	48 (36-63)	62 (46-81)	29.4 (16.1-45.2)	0.6 (0.1-2.6)	0.8 (0.6-1)	0.8 (0.2-4.1)	1.8 (1.2-2.4)	21	22	19	14
Ghana	11,900 (11,100-12,600)	13,700 (12,100-15,600)	15.1 (2.5-30.2)	171,000 (157,000-183,000)	239,000 (212,000-273,000)	39.4 (26.9-56.8)	2,110 (1,430-2,580)	2,390 (1,520-3,370)	13.2 (-17.3-58.5)	6,650 (6,110-7,210)	10,200 (8,940-11,600)	52.9 (34.1-73.8)	736 (454-1,040)	641 (265-1,120)	-12.9 (-47.9-46.3)	1,330 (1,050-1,660)	1,780 (1,380-2,280)	33.5 (15.4-54)	1.1 (0.7-1.6)	2 (1.6-2.5)	1.5 (0.7-2.5)	4.3 (3-6.4)	16	14	11	6
Guinea	6,560 (5,800-7,530)	9,200 (7,990-10,500)	40.2 (30-49.9)	76,700 (66,000-87,000)	129,000 (112,000-151,000)	68.2 (54.9-83.1)	653 (106-1,110)	803 (160-1,400)	22.9 (-13.4-127)	3,190 (2,630-3,740)	5,360 (4,430-6,280)	68.1 (56.1-83)	346 (39-658)	290 (57-524)	-16 (-46.2-98.6)	865 (588-1,190)	1,340 (933-1,830)	54.8 (36.3-77.1)	0.5 (0.1-1)	1.4 (0.9-1.9)	0.7 (0.1-1.2)	3 (2-4.2)	20	21	13	9
Guinea-Bissau	37 (30-44)	41 (33-50)	11.5 (4.6-21.3)	375 (304-449)	523 (429-633)	39.3 (28.9-51.5)	40 (9-179)	38 (8-172)	-5.2 (-49.9-70.6)	21 (17-26)	30 (24-37)	39.3 (29.8-50.9)	16 (2-71)	8 (1-44)	-49 (-80.5-26.4)	9 (6-12)	11 (8-16)	26.9 (14.9-41.2)	0.2 (0-0.9)	0.1 (0.1-0.1)	0.2 (0-1)	0.2 (0.2-0.3)	37	41	48	38
Liberia	669 (580-760)	682 (586-776)	2 (-1.9-6.3)	5,790 (4,920-6,570)	8,690 (7,360-9,790)	49.7 (42.6-56.7)	104 (36-293)	109 (34-401)	4.6 (-44.5-87.1)	387 (331-459)	554 (478-644)	43.1 (34.3-52.4)	50 (13-116)	24 (7-91)	-51 (-80-5.7)	194 (152-248)	229 (181-295)	17.7 (7.7-28.3)	0.2 (0.1-0.5)	0.8 (0.6-1)	0.2 (0.1-0.9)	2.3 (1.6-3.1)	34	32	19	12
Mali	3,620 (3,200-4,040)	6,720 (5,980-7,470)	86 (77.4-98.5)	36,900 (32,700-41,600)	78,300 (68,700-88,500)	112 (101-127)	769 (333-1,340)	995 (499-1,860)	29.3 (-11.9-90)	1,650 (1,420-1,890)	3,530 (3,030-4,050)	114 (101-127)	410 (135-807)	389 (166-754)	-5.1 (-42.1-94.8)	526 (404-673)	1,040 (799-1,350)	98.2 (82.6-116)	0.4 (0.1-0.7)	0.5 (0.4-0.6)	0.4 (0.2-0.7)	1 (0.7-1.2)	23	25	20	17
Mauritania	208 (174-243)	221 (183-251)	6.2 (-1.9-12.6)	2,880 (2,400-3,430)	4,310 (3,590-5,110)	49.5 (37.4-60.1)	38 (20-58)	34 (19-52)	-11.6 (-37.8-33.1)	108 (87-128)	162 (130-191)	50.4 (38.6-62.9)	15 (7-26)	8 (4-13)	-46.3 (-64.8--3)	29 (21-38)	34 (25-44)	17.3 (5.2-30)	0.2 (0.1-0.3)	0.4 (0.2-0.5)	0.2 (0.1-0.3)	0.8 (0.5-1.1)	36	40	28	21
Niger	9,640 (8,280-11,300)	14,500 (12,500-16,600)	50 (34.5-63.2)	89,400 (78,200-104,000)	157,000 (134,000-183,000)	75.3 (55-91.9)	599 (225-1,020)	728 (349-1,070)	21.7 (-15.5-111)	3,940 (3,370-4,650)	7,160 (6,120-8,490)	81.5 (66.2-97.4)	363 (105-725)	345 (143-531)	-5.1 (-35-106)	1,380 (1,080-1,770)	2,510 (1,980-3,180)	81.7 (63.6-103)	0.3 (0.1-0.5)	1 (0.8-1.4)	0.3 (0.1-0.5)	2.2 (1.6-2.9)	27	25	15	13
Nigeria	145,000 (110,000-185,000)	179,000 (138,000-224,000)	23.3 (19.2-27.8)	1,460,000 (1,160,000-1,830,000)	2,590,000 (2,090,000-3,220,000)	77.4 (72-84.6)	7,970 (1,870-13,000)	11,000 (3,540-18,800)	37.7 (-5.9-116)	72,000 (54,500-94,300)	116,000 (89,300-150,000)	60.9 (53.9-67.5)	3,890 (675-7,320)	4,200 (1,030-7,350)	8.1 (-26.6-84.9)	18,200 (12,500-25,900)	24,400 (17,000-33,900)	34 (25-42)	0.4 (0.1-0.7)	1.9 (1.3-2.6)	0.5 (0.2-0.9)	3.1 (2-4.6)	23	21	11	8
Sao Tome and Principe	54 (44-67)	46 (37-56)	-14.9 (-21.1--7.4)	835 (670-1,030)	1,090 (871-1,340)	30.1 (18-39.1)	5 (1-8)	4 (1-8)	-11.5 (-41.2-53.9)	28 (22-36)	39 (30-49)	39 (25.6-53.7)	1 (0-2)	1 (0-1)	-56.9 (-77.4--10.4)	7 (4-9)	6 (4-9)	-3.2 (-15.7-10.5)	0.3 (0.1-0.6)	1.6 (1-2.2)	0.7 (0.2-1.6)	7.3 (4.5-10.7)	28	24	11	5
Senegal	2,160 (1,860-2,440)	2,620 (2,300-2,940)	21.6 (13-28.5)	29,800 (25,800-34,500)	45,000 (39,000-52,500)	51.3 (39.9-63.8)	331 (124-779)	347 (146-846)	4.8 (-32.1-65.4)	1,120 (936-1,300)	1,700 (1,430-1,970)	52.3 (42.1-63.4)	149 (50-297)	90 (34-238)	-39.4 (-66-10.7)	281 (207-362)	374 (278-495)	33.1 (18.9-48.3)	0.3 (0.1-0.6)	0.6 (0.5-0.8)	0.5 (0.2-1.2)	1.9 (1.4-2.5)	28	29	19	11
Sierra Leone	5,040 (4,440-5,640)	7,250 (6,360-8,170)	43.9 (33.8-53.4)	56,900 (48,700-65,900)	108,000 (92,600-125,000)	89.3 (75.5-102)	341 (44-604)	425 (69-798)	24.7 (-12.6-136)	2,390 (1,970-2,770)	4,580 (3,770-5,310)	91.3 (76.2-107)	214 (22-432)	156 (24-272)	-27.1 (-48.3-69.8)	635 (433-871)	1,060 (702-1,440)	66.2 (46.7-90.6)	0.5 (0-0.9)	1.4 (0.9-1.8)	0.5 (0.1-0.9)	3.7 (2.3-5.5)	21	21	15	8
Togo	4,200 (3,720-4,710)	4,870 (4,290-5,510)	16 (8.2-23.8)	54,000 (47,900-62,000)	80,600 (71,100-93,100)	49.1 (37.7-60.4)	772 (415-1,230)	849 (399-1,570)	10 (-25.3-74.3)	2,230 (1,950-2,580)	3,440 (2,990-3,960)	53.9 (44.9-64.2)	323 (139-534)	231 (112-440)	-28.6 (-57-38.8)	543 (414-696)	707 (535-918)	30.2 (20.1-42.8)	1.4 (0.7-2.3)	2.3 (1.7-3)	1.6 (0.8-3.1)	5.1 (3.5-6.8)	14	10	9	7

Table S10: Number of births, cases, total deaths, and under-5 deaths for Homozygous sickle cell and severe sickle cell/beta-thalassemia, 2000 - 2021

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Global	347,000 (273,000-443,000)	13.5 (10.9-16.4)	4,180,000 (3,400,000-5,160,000)	40.5 (36.8-44.4)	203,000 (154,000-269,000)	42.9 (38.9-47.4)	44,500 (27,600-67,000)	22.3 (16.6-28.4)	394,000 (312,000-498,000)	5,880,000 (4,720,000-7,280,000)	290,000 (221,000-378,000)	54,400 (34,000-81,500)
Central Europe, Eastern Europe, and Central Asia	3 (1-7)	1.9 (-26.6-15.7)	19 (7-39)	-5.4 (-35.7-9.5)	4 (1-8)	-0.3 (-31.4-14.1)	2 (1-5)	6.7 (-26-21.2)	3 (1-7)	18 (7-38)	4 (1-8)	3 (1-6)
Central Asia	1 (0-2)	17 (-18.5-21.5)	3 (0-8)	16.2 (-19.1-23.7)	1 (0-2)	17.7 (-18-22.6)	1 (0-1)	21.8 (-15.4-27.9)	1 (0-2)	3 (0-10)	1 (0-2)	1 (0-2)
Armenia	0 (0-0)	-21.2 (-45.3--19.3)	0 (0-0)	-19.8 (-45.1--9.4)	0 (0-0)	-18.6 (-44--14.4)	0 (0-0)	-11.7 (-39--4.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Azerbaijan	0 (0-0)	-6 (-34.1--2.9)	0 (0-1)	-2.1 (-33.5-8.2)	0 (0-0)	-3.2 (-32.7-1)	0 (0-0)	0.2 (-30.8-6.3)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Georgia	0 (0-0)	-14.7 (-41.4--12.6)	0 (0-0)	-22.9 (-48--13.1)	0 (0-0)	-20.2 (-46.5--16.2)	0 (0-0)	-12 (-40.3--5.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Kazakhstan	0 (0-0)	43 (-2.5-46.5)	1 (0-1)	39.9 (-1.6-55.6)	0 (0-0)	44.8 (-0.2-51.5)	0 (0-0)	56 (13.5-66.5)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Kyrgyzstan	0 (0-0)	40.4 (-4.4-44)	0 (0-1)	40.1 (0.7-55.4)	0 (0-0)	40.8 (-3.5-45.8)	0 (0-0)	46.7 (2.8-55.4)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Mongolia	0 (0-0)	32.6 (-8.7-37.6)	0 (0-0)	39.1 (-3.9-53)	0 (0-0)	41.8 (-3-48.5)	0 (0-0)	48.7 (-1.1-59.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tajikistan	0 (0-0)	34.4 (-8.2-37.9)	0 (0-1)	32.7 (-5.6-43.4)	0 (0-0)	31.9 (-9.9-36.1)	0 (0-0)	34.3 (-6.3-41.2)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Turkmenistan	0 (0-0)	7.5 (-26.9-10)	0 (0-0)	7.8 (-24.7-17)	0 (0-0)	8.3 (-26.1-11.4)	0 (0-0)	11.4 (-23.7-17.4)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Uzbekistan	0 (0-1)	9.5 (-24-14.2)	1 (0-3)	18.6 (-19-31.4)	0 (0-1)	17.9 (-18.7-24.1)	0 (0-1)	23.6 (-15.7-33.1)	0 (0-1)	1 (0-3)	0 (0-1)	0 (0-1)
Central Europe	2 (1-3)	-10 (-41-16.7)	10 (5-20)	-19.3 (-48-5.5)	2 (1-4)	-16.1 (-44.8-8)	1 (1-2)	-10.5 (-41.2-14.9)	1 (1-2)	8 (5-14)	2 (1-3)	1 (1-2)
Albania	0 (0-0)	-38.9 (-39--38.9)	1 (0-1)	-44.2 (-47.5--40.9)	0 (0-0)	-46.6 (-47.3--46.2)	0 (0-0)	-44.7 (-46.1--43.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Bosnia and Herzegovina	0 (0-0)	-39.8 (-40--40)	0 (0-0)	-41.2 (-46.7--35.1)	0 (0-0)	-41.8 (-42.5--41.1)	0 (0-0)	-42.5 (-45--40)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Bulgaria	0 (0-0)	-19.5 (-19.6--19.6)	0 (0-0)	-15.7 (-22.2--8.7)	0 (0-0)	-11.2 (-13.1--10.4)	0 (0-0)	-7.5 (-10.9--4.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Croatia	0 (0-0)	-20.5 (-20.2--20.2)	0 (0-0)	-25.4 (-31.6--18.4)	0 (0-0)	-26.6 (-27.2--25)	0 (0-0)	-29.6 (-32.1--26.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Czechia	0 (0-0)	18 (17.9-17.9)	0 (0-1)	5 (-4.9-16.2)	0 (0-0)	13.7 (9.3-17.4)	0 (0-0)	27.6 (22.4-33)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Hungary	0 (0-0)	-20.6 (-56.6--19.3)	0 (0-1)	-19 (-56.8--10)	0 (0-0)	-17.9 (-55.2--15.7)	0 (0-0)	-14.2 (-52.8--9.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Montenegro	0 (0-0)	-22.1 (-23.8-52.1)	0 (0-0)	-19.7 (-28.2-56.8)	0 (0-0)	-21.4 (-23.5-52.6)	0 (0-0)	-22.3 (-26.4-45.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
North Macedonia	0 (0-0)	-15.1 (-12.8--12.8)	0 (0-0)	-16.3 (-22.8--5.6)	0 (0-0)	-17.6 (-16.6--14.6)	0 (0-0)	-15.5 (-16.9--10.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Poland	1 (1-3)	-5.1 (-42-31.8)	8 (4-17)	-18.6 (-50-13.2)	2 (1-3)	-14 (-47.5-18.9)	1 (0-2)	-6.8 (-43.2-28.7)	1 (1-2)	7 (4-12)	1 (1-2)	1 (1-2)
Romania	0 (0-0)	-27.6 (-27.6--27.6)	0 (0-1)	-25.7 (-31.5--20.2)	0 (0-0)	-23.1 (-24--22.6)	0 (0-0)	-20.7 (-22.9--18.6)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Serbia	0 (0-0)	-25.8 (-25.8--25.8)	0 (0-1)	-29.8 (-36.4--22.9)	0 (0-0)	-32 (-32.9--30.9)	0 (0-0)	-33.4 (-35.9--30.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Slovakia	0 (0-0)	3 (-38.9-4.4)	0 (0-0)	-10.4 (-44--0.4)	0 (0-0)	-7.9 (-44.8--4.5)	0 (0-0)	-1.2 (-41.5-4.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Slovenia	0 (0-0)	1.6 (1.6-2)	0 (0-0)	-3.2 (-12.5-6.6)	0 (0-0)	3.7 (1.2-5.4)	0 (0-0)	6.4 (1.8-11.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Eastern Europe	1 (0-2)	10.6 (9.2-12.5)	6 (0-15)	8.1 (1.6-13.9)	1 (0-3)	14.7 (9.1-18.6)	1 (0-2)	24.9 (22.8-27.7)	1 (0-3)	6 (0-16)	1 (0-3)	1 (0-2)
Belarus	0 (0-0)	4.2 (4.2-4.2)	0 (0-1)	-1.4 (-10.1-8.3)	0 (0-0)	5.8 (0.9-8.8)	0 (0-0)	17.3 (12.4-22)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Estonia	0 (0-0)	1.7 (1.8-1.8)	0 (0-0)	-4.9 (-13.4-5.8)	0 (0-0)	-0.9 (-4.3-1.9)	0 (0-0)	8.4 (4-13.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Latvia	0 (0-0)	-9 (-9.6--9.6)	0 (0-0)	-15.1 (-23.9--5.2)	0 (0-0)	-9.9 (-15.8--6.6)	0 (0-0)	6.1 (0.8-11.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Lithuania	0 (0-0)	-21.1 (-20.9--20.9)	0 (0-0)	-32.9 (-38.7--26.2)	0 (0-0)	-31.5 (-33.8--29.5)	0 (0-0)	-24.6 (-27.3--21)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Republic of Moldova	0 (0-0)	-34.3 (-34.3--34.3)	0 (0-0)	-34.7 (-40--29.5)	0 (0-0)	-35 (-35.9--34.1)	0 (0-0)	-32.4 (-34.4--30.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Russian Federation	1 (0-2)	20.9 (20.2-20.9)	4 (0-10)	19.4 (12-26.5)	1 (0-2)	27.1 (20.7-31.2)	0 (0-1)	39.4 (37.7-40.6)	1 (0-2)	5 (0-11)	1 (0-2)	1 (0-2)
Ukraine	0 (0-1)	-13.3 (-13.2--13.2)	1 (0-4)	-14.9 (-21.6--7.1)	0 (0-1)	-11.8 (-14.2--10)	0 (0-0)	-7.2 (-10.6--2.9)	0 (0-0)	1 (0-3)	0 (0-1)	0 (0-0)
High-income	1,880 (1,650-2,190)	-10.6 (-12.3--8.9)	57,400 (52,100-63,300)	4.4 (3-5.9)	1,760 (1,520-2,070)	2.3 (-0.2-5.1)	354 (245-483)	-10.2 (-14.2--5.9)	1,680 (1,470-1,950)	60,000 (54,700-66,000)	1,800 (1,560-2,100)	318 (220-438)
Australasia	6 (4-7)	32.3 (23.3-43.9)	111 (88-139)	21 (13.3-30.5)	6 (4-7)	24.1 (15.2-35.6)	3 (2-4)	21.5 (9.6-37.1)	7 (6-9)	135 (106-172)	7 (5-9)	3 (2-4)
Australia	4 (3-5)	29.3 (17.8-44.3)	74 (56-95)	21 (10.1-35)	4 (3-5)	21.8 (10.7-35.8)	2 (1-3)	19.6 (5.2-38)	5 (4-6)	89 (67-117)	5 (4-6)	2 (2-3)
New Zealand	2 (1-2)	38.7 (22.8-58.3)	38 (30-46)	21.1 (8.8-34.3)	2 (1-2)	29.1 (13.6-47.3)	1 (0-1)	26.8 (5.7-50.4)	2 (2-3)	46 (37-56)	2 (2-3)	1 (1-1)
High-income Asia Pacific	4 (3-6)	-26.3 (-33.3--21.6)	83 (56-120)	-14.8 (-22.3--7.3)	5 (3-7)	-15.6 (-23.4--9.2)	2 (2-4)	-26.7 (-35.1--20.6)	3 (2-4)	70 (48-101)	4 (3-6)	2 (1-3)
Brunei Darussalam	0 (0-0)	-11.6 (-21.8--10.7)	0 (0-0)	11.9 (-4-28.1)	0 (0-0)	-3.6 (-17.4-2.5)	0 (0-0)	-14.2 (-29.2--7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Japan	2 (1-3)	-23.9 (-29.6--16.3)	50 (32-84)	-14.8 (-20.5--7)	3 (2-4)	-12.7 (-19.7--4.2)	1 (1-2)	-20.7 (-27.6--11.9)	2 (1-3)	43 (28-69)	2 (1-3)	1 (0-1)
Aichi	1 (1-1)	-22.4 (-32.5--10.7)	17 (13-23)	-10.3 (-20.7-2.9)	1 (1-1)	-9 (-20.7-3.8)	0 (0-0)	-19 (-32.2--4.9)	1 (0-1)	16 (12-20)	1 (1-1)	0 (0-0)
Akita	0 (0-0)	-49.1 (-48.9--48.8)	0 (0-1)	-42.1 (-47.1--36.6)	0 (0-0)	-41.7 (-43.9--39)	0 (0-0)	-49.2 (-52.5--45.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Aomori	0 (0-0)	-44.2 (-44.7--44.6)	0 (0-1)	-37.9 (-43.7--32.3)	0 (0-0)	-36.9 (-39.2--35)	0 (0-0)	-43.8 (-47.6--39.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Chiba	0 (0-0)	-27.7 (-28.2--8.5)	5 (3-7)	-17.9 (-27-2.8)	0 (0-0)	-14.6 (-18.7-7.4)	0 (0-0)	-23.5 (-31.9--4.4)	0 (0-0)	4 (2-6)	0 (0-0)	0 (0-0)
Ehime	0 (0-0)	-38 (-38.2--38.1)	0 (0-1)	-27.9 (-33.5--22.3)	0 (0-0)	-27.6 (-29.8--25.7)	0 (0-0)	-34.9 (-39.3--31)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Fukui	0 (0-0)	-34.2 (-34.1--33.9)	0 (0-0)	-24 (-33.1--16.3)	0 (0-0)	-24.9 (-27.7--22.1)	0 (0-0)	-34.2 (-41.4--28.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Fukuoka	0 (0-0)	-16.5 (-18.3--18.1)	1 (0-2)	-12.6 (-21.8--5.4)	0 (0-0)	-9.1 (-13.4--8.6)	0 (0-0)	-12 (-19.9--6)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Fukushima	0 (0-0)	-44.4 (-44.3--44.1)	0 (0-1)	-36.2 (-42.3--30.6)	0 (0-0)	-35.2 (-38--32.2)	0 (0-0)	-42.4 (-46.7--38)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Gifu	0 (0-0)	-37.6 (-36.9--36.8)	0 (0-1)	-24.7 (-30.1--17)	0 (0-0)	-25.5 (-27--21.7)	0 (0-0)	-34.9 (-39--29.3)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Gunma	0 (0-0)	-39.5 (-42.6--38.7)	0 (0-1)	-24.8 (-33--16.9)	0 (0-0)	-25.8 (-29.9--21.9)	0 (0-0)	-36.9 (-42.4--31.1)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Hiroshima	0 (0-0)	-28.2 (-28.6--28.5)	0 (0-1)	-16.8 (-24.7--9.2)	0 (0-0)	-16.3 (-19--14.1)	0 (0-0)	-24.4 (-31.2--18.7)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Hokkaidō	0 (0-0)	-41 (-72--37.9)	1 (0-2)	-32.9 (-69.7--22.1)	0 (0-0)	-31 (-68--24.9)	0 (0-0)	-37.2 (-67.4--29.4)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Hyōgo	0 (0-0)	-30.6 (-54.4--29.3)	2 (1-4)	-21.3 (-46.1--11.4)	0 (0-0)	-20.4 (-47.1--15.9)	0 (0-0)	-29.2 (-56--21.9)	0 (0-0)	2 (1-3)	0 (0-0)	0 (0-0)
Ibaraki	0 (0-0)	-38.6 (-58.9--36.9)	2 (1-3)	-26.2 (-47.5--11.8)	0 (0-0)	-26.7 (-49.8--21.3)	0 (0-0)	-35.7 (-59--27.2)	0 (0-0)	2 (1-2)	0 (0-0)	0 (0-0)
Ishikawa	0 (0-0)	-32 (-31.5--31.3)	0 (0-1)	-21.9 (-29.2--13.5)	0 (0-0)	-21.6 (-23.6--18)	0 (0-0)	-29.9 (-36.1--23.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Iwate	0 (0-0)	-43.3 (-43.2--43.1)	0 (0-1)	-32.5 (-38.1--25.8)	0 (0-0)	-32.2 (-34.3--29.9)	0 (0-0)	-40.2 (-44.7--35.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Kagawa	0 (0-0)	-37.2 (-35.6--35.3)	0 (0-0)	-24.9 (-33--15.9)	0 (0-0)	-25.5 (-27.7--20.8)	0 (0-0)	-34.3 (-41.3--27.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Kagoshima	0 (0-0)	-29.8 (-29--28.8)	0 (0-1)	-28.5 (-36.3--19.9)	0 (0-0)	-25.9 (-27.4--23.3)	0 (0-0)	-26.8 (-35.7--20.1)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Kanagawa	0 (0-0)	-27.8 (-48.5--26.8)	2 (0-6)	-15.1 (-26.2--4.3)	0 (0-0)	-11.5 (-33.6--6.2)	0 (0-0)	-21.4 (-45.2--10.5)	0 (0-0)	2 (0-5)	0 (0-0)	0 (0-0)
Kōchi	0 (0-0)	-39.1 (-39.8--39.7)	0 (0-0)	-31.6 (-37.6--24.8)	0 (0-0)	-30.7 (-33.3--28.9)	0 (0-0)	-35.9 (-40.6--29.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Kumamoto	0 (0-0)	-28.4 (-58.9--25.2)	0 (0-1)	-24.9 (-56.1--12.5)	0 (0-0)	-22.2 (-54.8--16.7)	0 (0-0)	-23.6 (-55.7--12.9)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Kyōto	0 (0-0)	-25.8 (-43.6--18.3)	0 (0-1)	-18.4 (-31.3--6.7)	0 (0-0)	-16.5 (-36.3--7)	0 (0-0)	-24.2 (-43.5--13.4)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Mie	0 (0-0)	-36 (-36--35.9)	0 (0-1)	-23.4 (-30.4--12.5)	0 (0-0)	-23.4 (-26.3--19.5)	0 (0-0)	-33.3 (-37.9--24.9)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Miyagi	0 (0-0)	-33.4 (-32.4--32.2)	0 (0-1)	-23.3 (-28.5--15.2)	0 (0-0)	-21 (-22.1--17.2)	0 (0-0)	-28.8 (-33.4--23.6)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Miyazaki	0 (0-0)	-34.4 (-34.6--34.5)	0 (0-1)	-26.6 (-34.4--17.2)	0 (0-0)	-26.4 (-28.5--24)	0 (0-0)	-31.3 (-37.9--22.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Nagano	0 (0-0)	-39.9 (-45.4--39.6)	0 (0-1)	-26.8 (-35--19.2)	0 (0-0)	-27.3 (-33.2--24)	0 (0-0)	-37.2 (-46.9--31.4)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Nagasaki	0 (0-0)	-35.4 (-42--34.2)	0 (0-1)	-31.7 (-42.7--23.8)	0 (0-0)	-30.4 (-37.6--27.4)	0 (0-0)	-34.7 (-44.8--28.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Nara	0 (0-0)	-38.3 (-39--38.9)	0 (0-1)	-28.3 (-35--20.3)	0 (0-0)	-27.2 (-30.6--25)	0 (0-0)	-34.7 (-40.5--30.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Niigata	0 (0-0)	-36.8 (-37.9--17.4)	0 (0-1)	-27.4 (-33.7--14.3)	0 (0-0)	-26.9 (-30.4--7)	0 (0-0)	-35.1 (-42--8.6)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Ōita	0 (0-0)	-31.7 (-41.4--30.1)	0 (0-1)	-25.3 (-35.3--16.6)	0 (0-0)	-24 (-34.3--20.4)	0 (0-0)	-28.6 (-39.9--21.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Okayama	0 (0-0)	-28.6 (-27.7--27.6)	0 (0-1)	-18.9 (-26.9--10.1)	0 (0-0)	-19.2 (-20.3--16.2)	0 (0-0)	-25.8 (-31.2--19.4)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Okinawa	0 (0-0)	-12.5 (-25.4--10.9)	1 (0-1)	-8.9 (-22.3-3.1)	0 (0-0)	-5.3 (-18--1.3)	0 (0-0)	-7.7 (-28.9-4.5)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Ōsaka	0 (0-0)	-30.7 (-30.3--30.2)	2 (0-5)	-20.2 (-27.2--11.8)	0 (0-0)	-18.8 (-21.1--14.5)	0 (0-0)	-28.1 (-33.7--21.5)	0 (0-0)	2 (0-4)	0 (0-0)	0 (0-0)
Saga	0 (0-0)	-31.9 (-32--31.9)	0 (0-0)	-24.4 (-30.4--18.2)	0 (0-0)	-23.7 (-25.6--21.7)	0 (0-0)	-29.8 (-34.7--24.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Saitama	0 (0-0)	-28.6 (-28.1--27.9)	1 (0-3)	-18.2 (-25.5--9.6)	0 (0-0)	-15.7 (-18--11)	0 (0-0)	-24.2 (-30.9--15.7)	0 (0-0)	1 (0-3)	0 (0-0)	0 (0-0)
Shiga	0 (0-0)	-29 (-64.7--26.2)	0 (0-1)	-15.4 (-59.1--5.5)	0 (0-0)	-15.5 (-58.7--9.4)	0 (0-0)	-25 (-61--16.4)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Shimane	0 (0-0)	-28.9 (-30.8--5.8)	0 (0-0)	-23 (-31.5--8.3)	0 (0-0)	-22 (-25.6-0.5)	0 (0-0)	-25.5 (-32.4-11.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Shizuoka	0 (0-0)	-35.4 (-34.2--34)	1 (0-2)	-25 (-32.9--16.3)	0 (0-0)	-24.1 (-25.4--19.9)	0 (0-0)	-31.8 (-38.1--25.5)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Tochigi	0 (0-0)	-33.9 (-33.9--33.7)	0 (0-1)	-22.2 (-29--15.8)	0 (0-0)	-21.3 (-23.6--18.6)	0 (0-0)	-28.8 (-33.6--23.4)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Tokushima	0 (0-0)	-36.7 (-35.6--35.5)	0 (0-0)	-31 (-37.3--23.4)	0 (0-0)	-29.5 (-30--26.1)	0 (0-0)	-33.4 (-37.9--26.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tōkyō	0 (0-0)	5.3 (-23.4-7.4)	7 (3-12)	0 (-24.4-11.4)	0 (0-1)	8.8 (-19.5-14.8)	0 (0-0)	10.5 (-23.2-23.3)	0 (0-0)	7 (3-12)	0 (0-1)	0 (0-0)
Tottori	0 (0-0)	-30.7 (-30.9--30.8)	0 (0-0)	-24.8 (-30.4--17.9)	0 (0-0)	-23.2 (-24.9--21.9)	0 (0-0)	-26.8 (-32.5--21)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Toyama	0 (0-0)	-38.3 (-38.7--38.5)	0 (0-1)	-24.4 (-31.6--17.9)	0 (0-0)	-24.4 (-27.3--21.8)	0 (0-0)	-32.9 (-38--26.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Wakayama	0 (0-0)	-41.3 (-40.7--40.5)	0 (0-0)	-32 (-37.7--25.4)	0 (0-0)	-31.7 (-33.1--28.6)	0 (0-0)	-39.1 (-43.7--33.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Yamagata	0 (0-0)	-41.1 (-56.6--12)	0 (0-1)	-31.9 (-53.4--7)	0 (0-0)	-32.3 (-50.8--1.4)	0 (0-0)	-39.6 (-61.8--0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Yamaguchi	0 (0-0)	-37 (-36.9--36.8)	0 (0-1)	-27.9 (-35.6--20.1)	0 (0-0)	-27.4 (-29.5--24.8)	0 (0-0)	-33.1 (-38.6--25.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Yamanashi	0 (0-0)	-39.8 (-40.1--40)	0 (0-0)	-28.8 (-34.7--22.1)	0 (0-0)	-29.8 (-32.6--26.9)	0 (0-0)	-40.9 (-45.9--36)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Republic of Korea	2 (1-3)	-30.9 (-43.2--30.5)	29 (18-43)	-17.7 (-32.7--3.4)	2 (1-3)	-22 (-35.6--15.5)	1 (1-2)	-34.3 (-46.9--25.9)	1 (1-2)	24 (15-36)	2 (1-2)	1 (1-1)
Singapore	0 (0-0)	-7.5 (-18-3)	3 (2-4)	11.3 (-4.9-28.6)	0 (0-0)	23.5 (11.2-38.6)	0 (0-0)	20.7 (5.3-41.3)	0 (0-0)	3 (2-5)	0 (0-0)	0 (0-0)
High-income North America	921 (846-1,010)	-9.2 (-11--7.8)	40,500 (37,400-44,000)	8.6 (6.6-10.4)	755 (675-841)	10.7 (6.8-15.1)	46 (34-59)	-13.7 (-16.6--10.6)	836 (767-911)	44,000 (40,800-47,700)	836 (760-919)	39 (30-51)
Canada	2 (1-2)	23.3 (-28.5-78.6)	80 (58-110)	18.9 (-32.1-66.8)	2 (1-2)	32.3 (-23.1-94)	0 (0-0)	18.3 (-32.9-80.6)	2 (1-3)	94 (60-134)	2 (1-3)	0 (0-0)
Greenland	0 (0-0)	-8.9 (-16.8-252)	0 (0-0)	-5.5 (-15.9-239)	0 (0-0)	-0.6 (-13.6-302)	0 (0-0)	-10.8 (-24.7-261)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
United States of America	915 (841-1,000)	-12 (-13.7--10.6)	40,400 (37,300-43,900)	9.8 (7.9-11.7)	751 (672-837)	11.8 (7.9-16.3)	45 (34-58)	-12.5 (-15.6--9.4)	805 (739-877)	44,300 (41,100-48,100)	840 (764-924)	40 (30-51)
Alabama	29 (26-32)	-10.3 (-16--4.4)	1,240 (1,130-1,350)	5.8 (-0.1-12.1)	25 (22-28)	5.5 (-1.7-12.9)	2 (1-2)	-13.7 (-23.6--3.4)	26 (24-29)	1,310 (1,210-1,430)	26 (24-29)	1 (1-2)
Alaska	1 (1-1)	-21.1 (-28.7--14.1)	31 (21-46)	2.5 (-7.3-11)	1 (0-1)	2.3 (-7.9-13)	0 (0-0)	-17.8 (-28.8--6.6)	1 (0-1)	32 (21-46)	1 (0-1)	0 (0-0)
Arizona	9 (8-10)	-4.2 (-10.8-2.6)	359 (322-399)	40.3 (31.1-49.6)	6 (6-7)	49.2 (38.4-60.9)	0 (0-1)	1.9 (-9.3-13.4)	9 (8-10)	504 (451-559)	10 (8-11)	0 (0-1)
Arkansas	12 (10-13)	-17.6 (-23.4--12)	502 (445-560)	0.4 (-6.5-6.5)	10 (9-12)	-1.8 (-9.1-5.4)	1 (1-1)	-19.1 (-28.1--9.5)	10 (9-11)	504 (446-563)	10 (9-11)	1 (0-1)
California	53 (49-59)	-22.7 (-27.2--17.5)	2,310 (2,120-2,540)	7.7 (1.5-14.3)	38 (33-42)	16 (8.5-25.6)	3 (2-3)	-21.6 (-30.3--12.4)	41 (38-45)	2,490 (2,270-2,720)	44 (39-48)	2 (2-3)
Colorado	4 (3-4)	-9.4 (-17.4--2.5)	162 (136-188)	14.7 (5.3-23.9)	3 (2-4)	18.4 (7.8-29.7)	0 (0-0)	-15.2 (-25.3--4.3)	3 (3-4)	186 (155-221)	4 (3-4)	0 (0-0)
Connecticut	9 (9-10)	-28.3 (-32.5--23.1)	460 (415-507)	-3.7 (-9.2-2.5)	9 (8-10)	-1.1 (-8.3-7.9)	0 (0-1)	-29.5 (-36.5--21.2)	7 (6-8)	443 (401-489)	9 (8-10)	0 (0-0)
Delaware	5 (5-6)	-3.3 (-9.3-3.9)	225 (200-250)	19 (11.6-27.6)	4 (4-5)	22.6 (13.8-34.2)	0 (0-0)	-5.7 (-15.1-5.4)	5 (4-6)	267 (241-296)	5 (5-6)	0 (0-0)
District of Columbia	7 (6-8)	1 (-8.5-11.6)	268 (229-310)	-0.3 (-8.6-8.8)	6 (5-7)	-2.4 (-13.1-8.7)	0 (0-1)	-8.5 (-21.9-7.2)	7 (5-8)	267 (221-313)	6 (5-7)	0 (0-1)
Florida	93 (86-102)	-1.5 (-7.4-4.5)	4,220 (3,910-4,580)	26.4 (19.9-33.4)	86 (77-95)	27 (18.7-35.2)	5 (4-7)	0.1 (-11.7-12.8)	92 (84-100)	5,330 (4,930-5,780)	109 (98-119)	5 (4-7)
Georgia	61 (56-67)	-6.4 (-11.4--1.1)	2,450 (2,260-2,670)	25.5 (18.8-32.4)	45 (40-51)	27.7 (18.9-37.6)	3 (2-4)	-5.7 (-15.8-5.3)	57 (52-63)	3,080 (2,830-3,340)	58 (52-64)	3 (2-4)
Hawaii	1 (0-1)	-44.1 (-76.6--27)	22 (10-40)	-26.3 (-68.8--2.7)	0 (0-1)	-24.8 (-67.8-0.1)	0 (0-0)	-40.5 (-74.5--19.2)	0 (0-1)	16 (6-35)	0 (0-1)	0 (0-0)
Idaho	0 (0-0)	15 (0.9-31.7)	11 (7-15)	39.3 (21.5-59.7)	0 (0-0)	36.5 (20.1-56.1)	0 (0-0)	9.7 (-7.1-33.1)	0 (0-0)	15 (11-21)	0 (0-0)	0 (0-0)
Illinois	32 (29-35)	-39 (-42.7--35)	1,330 (1,210-1,460)	-12.3 (-16.9--6.8)	25 (22-28)	-11.3 (-17.3--3.9)	2 (1-2)	-36.9 (-43.8--29)	19 (17-21)	1,170 (1,060-1,280)	22 (20-25)	1 (1-1)
Indiana	14 (12-15)	-14.3 (-20.1--8.5)	580 (528-640)	3.3 (-2.9-9.5)	11 (10-13)	1.7 (-5.9-9.4)	1 (1-1)	-18.2 (-27--7.9)	12 (11-13)	599 (545-658)	12 (10-13)	1 (0-1)
Iowa	3 (3-4)	2.6 (-4.2-10.5)	164 (141-189)	12.5 (5.3-20.9)	3 (3-4)	13.1 (5.5-23.4)	0 (0-0)	0.2 (-10.3-12.4)	4 (3-4)	185 (158-213)	3 (3-4)	0 (0-0)
Kansas	4 (3-5)	-24 (-30--18.1)	178 (151-209)	-3.5 (-11.1-4)	3 (3-4)	-5 (-13-3.5)	0 (0-0)	-23.8 (-32.5--14.1)	3 (3-4)	172 (144-205)	3 (3-4)	0 (0-0)
Kentucky	5 (4-5)	-10.1 (-16--4.2)	208 (183-235)	4.4 (-2.4-11.3)	4 (4-5)	4.6 (-3.1-12.5)	0 (0-0)	-11.4 (-19.9--0.8)	4 (4-5)	217 (191-246)	4 (4-5)	0 (0-0)
Louisiana	25 (22-27)	-24.3 (-29.5--18.9)	1,020 (927-1,120)	-10.6 (-16.4--4.9)	20 (17-22)	-12.4 (-19.6--5.4)	2 (1-2)	-30.3 (-38.6--21.1)	19 (17-21)	909 (829-989)	17 (15-19)	1 (1-1)
Maine	0 (0-0)	-55.7 (-75.6--34.9)	10 (6-17)	-49.1 (-71.5--23.7)	0 (0-0)	-46.8 (-70.7--20.8)	0 (0-0)	-58.5 (-77.7--37.2)	0 (0-0)	5 (3-9)	0 (0-0)	0 (0-0)
Maryland	43 (39-47)	-9.9 (-15.6--4.2)	1,980 (1,820-2,150)	9 (2.9-15.5)	36 (32-40)	13 (5-21.9)	2 (2-3)	-8.7 (-18.2-1.9)	39 (36-42)	2,160 (2,000-2,330)	41 (37-45)	2 (1-2)
Massachusetts	14 (12-15)	-20.4 (-25.7--15.1)	662 (600-729)	-2.2 (-8.2-4)	13 (11-14)	-1 (-8.6-7.4)	1 (0-1)	-25.5 (-32.8--16.3)	11 (10-12)	648 (586-719)	13 (11-14)	0 (0-1)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Michigan	31 (28-34)	-23.1 (-27.4--18.4)	1,430 (1,320-1,560)	-9.4 (-14.2--4.4)	27 (24-30)	-6.5 (-13.2-0.7)	2 (1-2)	-29.8 (-36.9--22.1)	24 (22-26)	1,300 (1,210-1,410)	25 (23-28)	1 (1-1)
Minnesota	6 (5-7)	-11 (-17.9--2.2)	277 (234-322)	4 (-4.1-13.5)	5 (4-6)	6.4 (-3-18.6)	0 (0-0)	-13.6 (-22.7--1.4)	5 (4-6)	288 (243-340)	5 (4-6)	0 (0-0)
Mississippi	22 (20-25)	-26 (-30.8--20.8)	880 (798-968)	-6.8 (-12.1--1)	18 (16-20)	-7.1 (-13.7--0.3)	1 (1-2)	-28.5 (-37.1--19.3)	17 (15-18)	821 (751-892)	16 (15-18)	1 (1-1)
Missouri	17 (15-18)	-18.3 (-23.8--12.4)	733 (663-810)	-0.3 (-6-6)	14 (13-16)	-1.2 (-8.2-6.8)	1 (1-1)	-20.9 (-29--12.2)	14 (12-15)	731 (667-805)	14 (13-16)	1 (1-1)
Montana	0 (0-0)	-2 (-32.8-36.8)	4 (2-8)	9.3 (-25.7-52.9)	0 (0-0)	9.8 (-23.8-50.8)	0 (0-0)	-8.6 (-37.5-30.8)	0 (0-0)	4 (2-8)	0 (0-0)	0 (0-0)
Nebraska	2 (1-2)	-25.2 (-34.1--15.7)	82 (63-104)	-14 (-23.8--3)	1 (1-2)	-16.6 (-26.4--3.9)	0 (0-0)	-27.5 (-38.2--16.7)	1 (1-2)	70 (51-93)	1 (1-2)	0 (0-0)
Nevada	6 (5-7)	1.7 (-5.9-9.1)	245 (218-274)	49.3 (37.7-59.9)	5 (4-5)	52 (40.2-64.9)	0 (0-0)	12.2 (0.2-26.3)	6 (5-7)	367 (325-412)	7 (6-8)	0 (0-0)
New Hampshire	0 (0-0)	-17.3 (-26.5--3.3)	12 (8-18)	1.1 (-9.6-19.3)	0 (0-0)	6.4 (-7.7-26)	0 (0-0)	-26.3 (-37.3--11.9)	0 (0-0)	12 (8-18)	0 (0-0)	0 (0-0)
New Jersey	37 (34-40)	-18.3 (-23.6--13.6)	1,660 (1,530-1,810)	0.9 (-4.5-6.3)	31 (28-35)	2.2 (-5.3-9.6)	2 (1-2)	-19.8 (-27.1--11.3)	30 (27-33)	1,670 (1,540-1,810)	32 (29-35)	1 (1-2)
New Mexico	1 (1-1)	-26.8 (-32.8--18.2)	33 (24-44)	3.4 (-4.7-14.2)	1 (0-1)	4.9 (-4.6-17.6)	0 (0-0)	-24.3 (-33.7--12.7)	1 (0-1)	34 (24-46)	1 (1-1)	0 (0-0)
New York	98 (89-107)	-17 (-22--12.4)	4,880 (4,480-5,330)	0 (-5-4.9)	79 (69-89)	5.4 (-2.7-13.8)	3 (2-4)	-18 (-26.2--8.1)	81 (74-89)	4,880 (4,510-5,300)	84 (75-93)	3 (2-4)
North Carolina	44 (40-48)	-7.3 (-12.9--2)	1,870 (1,720-2,040)	19.1 (12.2-25.4)	36 (32-40)	19.8 (11.3-28.4)	2 (2-3)	-6.7 (-16.5-3.6)	41 (38-44)	2,230 (2,060-2,410)	43 (39-47)	2 (2-3)
North Dakota	0 (0-0)	23.4 (-40.8-36.8)	2 (1-5)	10.4 (-45.5-24.6)	0 (0-0)	6.9 (-50.1-24.6)	0 (0-0)	8.5 (-50.2-31.6)	0 (0-0)	2 (1-6)	0 (0-0)	0 (0-0)
Ohio	27 (25-30)	-18.5 (-23.9--13.9)	1,240 (1,130-1,360)	-4.9 (-11-0.2)	24 (21-27)	-4.9 (-12.2-1.9)	1 (1-2)	-24.8 (-33.1--16.6)	22 (20-25)	1,180 (1,080-1,280)	23 (20-25)	1 (1-1)
Oklahoma	5 (4-6)	-20.9 (-26.8--14.8)	213 (184-243)	-3.8 (-10.2-3.4)	4 (4-5)	-8.2 (-16.1--0.8)	0 (0-0)	-24.7 (-33.8--15.3)	4 (4-5)	205 (177-238)	4 (3-5)	0 (0-0)
Oregon	2 (2-3)	-12 (-19--3.7)	95 (77-116)	12.5 (4-22.3)	2 (2-2)	15.6 (5.7-28.1)	0 (0-0)	-18.1 (-27.8--6.8)	2 (1-2)	107 (86-132)	2 (2-3)	0 (0-0)
Pennsylvania	22 (19-24)	-15.3 (-20.7--8.9)	1,070 (970-1,170)	-2.7 (-8.3-4)	22 (19-24)	-4.1 (-11.4-4)	1 (1-1)	-21.8 (-29.2--12.5)	18 (17-20)	1,040 (945-1,140)	21 (19-23)	1 (1-1)
Rhode Island	3 (2-3)	-22.4 (-29--16.1)	138 (115-164)	-8.9 (-16.4--1.3)	3 (2-3)	-5.4 (-13.9-5.1)	0 (0-0)	-30.4 (-38.2--21.7)	2 (2-2)	126 (104-151)	2 (2-3)	0 (0-0)
South Carolina	24 (22-27)	-9.8 (-15.6--3.9)	1,080 (989-1,180)	9.9 (2.9-16.3)	21 (19-24)	9.6 (1.2-17.9)	1 (1-2)	-14.3 (-24.1--4.2)	22 (20-24)	1,190 (1,090-1,290)	23 (21-26)	1 (1-2)
South Dakota	0 (0-0)	4.2 (-6.2-17.8)	8 (4-14)	14.6 (4-28.8)	0 (0-0)	11 (-1.6-26.3)	0 (0-0)	-1.1 (-16.6-19.6)	0 (0-0)	9 (5-15)	0 (0-0)	0 (0-0)
Tennessee	19 (17-21)	-2 (-8.1-5.1)	812 (741-891)	11.7 (5.4-18.3)	16 (15-18)	12.2 (4.8-21.3)	1 (1-1)	3.5 (-8.2-16.2)	18 (17-20)	907 (830-994)	18 (17-20)	1 (1-1)
Texas	78 (71-86)	8.3 (2.1-14.5)	3,030 (2,780-3,290)	40.8 (33.1-48)	52 (45-58)	46.1 (36.4-57.3)	3 (2-4)	18.1 (5.3-31.9)	85 (77-94)	4,260 (3,940-4,660)	75 (67-84)	4 (3-5)
Utah	2 (1-2)	-8.1 (-16--0.2)	52 (40-67)	33.7 (22.4-45.9)	1 (1-1)	37.9 (26-49.5)	0 (0-0)	-6.1 (-17-5.1)	1 (1-2)	70 (54-89)	1 (1-1)	0 (0-0)
Vermont	0 (0-1)	-12.1 (-24.1-0.3)	18 (11-30)	1.9 (-9.6-14.9)	0 (0-1)	11.4 (-4-29)	0 (0-0)	-14.1 (-27.8-2)	0 (0-0)	19 (11-29)	0 (0-1)	0 (0-0)
Virginia	30 (27-33)	-7.7 (-13.2--2.3)	1,370 (1,260-1,510)	13.6 (7.2-20.1)	26 (23-29)	14.7 (6.7-22.1)	2 (1-2)	-7.4 (-17-3.1)	28 (25-30)	1,560 (1,430-1,700)	30 (27-33)	1 (1-2)
Washington	5 (4-6)	10.5 (2.8-19.2)	240 (211-269)	26.8 (18.3-35.9)	4 (4-5)	32.7 (21.9-44.4)	0 (0-0)	2.2 (-9.5-18.4)	6 (5-6)	304 (265-345)	6 (5-7)	0 (0-0)
West Virginia	1 (1-1)	-28.1 (-33.4--23.2)	55 (41-70)	-15.1 (-21.7--8.1)	1 (1-2)	-15.5 (-22.3--7.1)	0 (0-0)	-28.5 (-36.5--18.4)	1 (1-1)	46 (36-59)	1 (1-1)	0 (0-0)
Wisconsin	9 (8-10)	-22.5 (-27.9--17)	431 (375-488)	-8 (-13.9--1.4)	8 (7-10)	-5.8 (-12.2-2.5)	0 (0-1)	-24.6 (-32.5--15.3)	7 (6-8)	396 (344-447)	8 (7-9)	0 (0-0)
Wyoming	0 (0-0)	-46.8 (-61.1--34.6)	12 (6-21)	-34.9 (-52.7--20.3)	0 (0-0)	-36 (-53.5--21.8)	0 (0-0)	-43.6 (-58.7--30.2)	0 (0-0)	8 (4-16)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Southern Latin America	6 (4-7)	19.4 (6.8-48.4)	60 (45-79)	38 (24.2-63.4)	5 (4-7)	29.6 (14.8-60.4)	4 (3-5)	21.6 (5.8-54.3)	7 (5-8)	83 (64-105)	7 (5-9)	4 (3-6)
Argentina	2 (1-3)	-1.1 (-9.6-36.9)	21 (14-30)	12.8 (-8.5-44.9)	2 (1-3)	3.9 (-4.5-43.3)	1 (1-2)	-1.4 (-11.3-42)	2 (1-3)	24 (15-34)	2 (1-3)	1 (1-2)
Chile	3 (2-4)	34.8 (15.7-77)	38 (27-50)	53.8 (34.2-91.2)	3 (2-4)	48.3 (26.7-96.4)	2 (1-3)	40.1 (17.5-91.4)	4 (3-5)	58 (45-73)	5 (3-6)	3 (2-4)
Uruguay	0 (0-0)	-14 (-24.5--13.9)	2 (1-3)	-6.2 (-19.6-11.7)	0 (0-0)	-12.2 (-22.7--9.8)	0 (0-0)	-15.8 (-24--8.1)	0 (0-0)	2 (1-2)	0 (0-0)	0 (0-0)
Western Europe	949 (760-1,190)	-12.3 (-15.3--8.9)	16,700 (14,100-19,600)	-5.2 (-8--2.6)	985 (791-1,230)	-4.1 (-7.5--0.8)	300 (202-417)	-10.2 (-15--5.1)	832 (657-1,060)	15,800 (13,300-18,800)	944 (751-1,190)	269 (180-376)
Andorra	0 (0-0)	-15.9 (-24.3--8)	2 (1-2)	10.6 (2.5-19.6)	0 (0-0)	7.9 (-2.3-19.7)	0 (0-0)	-27.2 (-36.7--16.6)	0 (0-0)	2 (1-2)	0 (0-0)	0 (0-0)
Austria	10 (9-11)	69.7 (53.8-87.1)	240 (215-267)	25.2 (16.7-33.5)	12 (10-13)	48.9 (34.5-62.9)	2 (2-3)	72.9 (47.3-100)	17 (14-20)	301 (266-339)	17 (15-20)	4 (3-6)
Belgium	12 (9-16)	-0.9 (-10-11.1)	163 (130-205)	3.9 (-4.5-13)	13 (10-17)	2.7 (-6.6-14.9)	5 (3-7)	-2 (-16.5-13.7)	12 (9-16)	169 (135-213)	13 (10-17)	4 (3-7)
Cyprus	2 (1-2)	40.9 (24-55.9)	28 (21-36)	27.9 (17.5-39.2)	2 (1-2)	18 (4.1-30.8)	1 (0-1)	31.1 (10.8-51.4)	2 (2-3)	35 (27-45)	2 (2-3)	1 (0-1)
Denmark	8 (6-11)	-0.8 (-10.9-8.9)	146 (113-186)	1.2 (-6.4-9.9)	8 (6-11)	1.3 (-8.7-11.6)	3 (2-4)	-8.5 (-21.3-3.4)	8 (6-11)	147 (113-189)	8 (6-11)	2 (1-3)
Finland	7 (5-10)	-15.5 (-24.8--4.8)	140 (108-182)	-5.1 (-12.5-3.5)	8 (6-11)	-4.9 (-15-7.1)	2 (1-3)	-15.5 (-27--1.9)	6 (4-8)	133 (103-170)	8 (5-10)	2 (1-3)
France	301 (243-376)	-19 (-25.8--11.3)	3,960 (3,230-4,810)	-0.9 (-8.6-6.7)	288 (232-361)	-6.8 (-15-1.8)	104 (71-146)	-17.7 (-27.4--6.5)	244 (192-307)	3,930 (3,180-4,830)	269 (212-336)	85 (58-120)
Germany	77 (64-94)	-0.1 (-8.6-8.1)	1,780 (1,500-2,100)	-3.8 (-10-3)	90 (74-109)	-2.6 (-11.2-5.7)	22 (16-30)	3 (-8.5-17.4)	77 (64-92)	1,720 (1,450-2,010)	88 (73-104)	23 (16-31)
Greece	89 (71-113)	-24.7 (-33.8--14.7)	2,400 (2,060-2,800)	-25.1 (-30.4--19.4)	105 (85-132)	-21.4 (-31.1--11.6)	26 (17-37)	-20.1 (-34.5--3.8)	67 (54-82)	1,800 (1,560-2,040)	83 (67-100)	21 (14-30)
Iceland	0 (0-1)	3.5 (-4.7-14)	9 (7-11)	11 (3.4-19.3)	0 (0-1)	8.6 (-0.4-20.2)	0 (0-0)	-4.6 (-14.9-8.9)	1 (0-1)	10 (7-12)	1 (0-1)	0 (0-0)
Ireland	7 (5-10)	4.6 (-8-15.6)	118 (91-150)	19 (10.1-28.7)	7 (5-9)	20.8 (6.6-33.6)	2 (1-3)	11.8 (-3.3-30.2)	8 (5-10)	140 (108-179)	8 (6-11)	2 (1-4)
Israel	51 (38-68)	6 (-9.3-24.2)	489 (394-612)	21 (7.9-34.9)	43 (32-58)	3.9 (-12.5-23)	19 (12-28)	-1.4 (-20.4-20.7)	54 (39-72)	592 (467-745)	45 (32-62)	19 (12-29)
Italy	72 (58-89)	-17.4 (-20.6--13.6)	1,780 (1,500-2,090)	-1 (-4.4-2.6)	74 (61-91)	9.1 (4.8-14.1)	12 (8-17)	-4.6 (-9.8-1.2)	60 (49-72)	1,760 (1,490-2,040)	81 (67-98)	11 (8-16)
Abruzzo	1 (0-1)	-7.1 (-16.2-4.3)	15 (11-20)	2.1 (-6.4-14.2)	1 (1-1)	6.8 (-2.6-19.4)	0 (0-0)	2.4 (-11.9-19.8)	1 (0-1)	15 (11-20)	1 (1-1)	0 (0-0)
Basilicata	0 (0-0)	-10.4 (-22.2-4.1)	8 (5-12)	2.1 (-9.1-18.5)	0 (0-1)	2.7 (-9-19.8)	0 (0-0)	-5.5 (-19.9-15.2)	0 (0-0)	8 (6-11)	0 (0-1)	0 (0-0)
Calabria	4 (3-5)	-24.3 (-32--16.8)	124 (107-143)	-14.9 (-20.3--8.7)	5 (4-6)	-16.4 (-24.6--7.8)	1 (0-1)	-22 (-34.1--8.9)	3 (2-4)	106 (91-121)	4 (3-5)	1 (0-1)
Campania	4 (3-4)	-24.4 (-31.6--15.6)	96 (79-116)	-4.8 (-12.5-3.8)	4 (3-5)	-4 (-13.2-7.7)	1 (0-1)	-19.1 (-29.8--5.3)	3 (2-3)	92 (76-108)	3 (3-4)	0 (0-1)
Emilia-Romagna	12 (9-14)	-7.7 (-17.3-2.9)	210 (179-244)	15 (7.3-23.5)	10 (9-13)	36.1 (23.1-50.9)	2 (1-3)	18.8 (1.3-43.2)	11 (9-13)	241 (209-275)	14 (12-17)	2 (1-3)
Friuli-Venezia Giulia	2 (2-3)	-20.1 (-28.7--9.1)	45 (37-54)	1.6 (-6.3-11.2)	2 (2-3)	13.3 (1.4-28.2)	0 (0-1)	-6.4 (-20.4-9.8)	2 (1-2)	45 (38-54)	3 (2-3)	0 (0-1)
Lazio	4 (3-5)	1.6 (-7.5-12.7)	114 (96-136)	16.9 (8.7-25.8)	5 (4-6)	29 (17.8-42.1)	1 (0-1)	18.6 (3.1-36.6)	4 (4-5)	134 (112-157)	6 (5-7)	1 (1-1)
Liguria	2 (2-3)	-20.2 (-28.8--11.3)	68 (56-79)	-5.8 (-12.2-1.1)	3 (2-3)	3.5 (-6.7-13.2)	0 (0-1)	-3.5 (-19.4-17.6)	2 (1-2)	64 (54-73)	3 (2-3)	0 (0-1)
Lombardia	8 (6-10)	-15.2 (-25.5--4.8)	206 (167-251)	1.9 (-7.8-11.9)	8 (6-10)	14.6 (1.1-28.4)	1 (1-2)	-0.5 (-15.4-16.2)	7 (6-9)	210 (175-250)	9 (8-12)	1 (1-2)
Marche	3 (2-3)	-17.2 (-25.9--8.2)	55 (45-67)	2.7 (-5.1-10.5)	3 (2-3)	11.9 (0.8-23.9)	0 (0-1)	-1.8 (-16.3-14)	2 (2-3)	56 (46-68)	3 (2-4)	0 (0-1)
Molise	0 (0-1)	-33.8 (-39.7--25.7)	8 (6-12)	-24.1 (-30.4--16.6)	0 (0-1)	-24.7 (-32--15.3)	0 (0-0)	-32.3 (-42.1--22.1)	0 (0-0)	6 (4-9)	0 (0-1)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Piemonte	5 (4-6)	-14.2 (-22.3--4)	89 (74-108)	0 (-8.1-8.5)	5 (4-6)	14.6 (4.7-27.7)	1 (1-1)	0.6 (-14.1-19.1)	4 (3-5)	89 (74-105)	6 (5-7)	1 (1-1)
Provincia autonoma di Bolzano	1 (0-1)	-8.4 (-19.5-4)	13 (9-18)	6.2 (-2.6-18.7)	1 (0-1)	10.5 (-1.7-26.2)	0 (0-0)	-4.4 (-17.7-12.9)	1 (0-1)	14 (10-18)	1 (0-1)	0 (0-0)
Provincia autonoma di Trento	1 (0-1)	-8.2 (-17.9-3.5)	12 (9-16)	11.9 (2.3-22.8)	1 (0-1)	18.3 (6.2-32.7)	0 (0-0)	0.6 (-13.1-17.7)	1 (0-1)	13 (10-17)	1 (0-1)	0 (0-0)
Puglia	3 (2-4)	-36.9 (-42.7--29.5)	77 (60-99)	-18.7 (-26--10.6)	3 (2-4)	-18.4 (-26.9--8.7)	1 (0-1)	-33.6 (-42.7--23.1)	2 (1-2)	63 (50-78)	3 (2-3)	0 (0-1)
Sardegna	1 (1-1)	-24.5 (-32.8--14.8)	22 (15-29)	-11.5 (-19.1--2.4)	1 (1-1)	-6.5 (-15.9-5.5)	0 (0-0)	-13.3 (-25.1-1.9)	1 (0-1)	19 (14-25)	1 (1-1)	0 (0-0)
Sidilia	12 (10-14)	-31.2 (-36.8--24.5)	379 (322-438)	-11.1 (-16.9--4.2)	12 (10-15)	-13 (-20.2--4.6)	2 (1-3)	-27.2 (-36.3--16.1)	8 (7-10)	337 (293-384)	11 (9-13)	1 (1-2)
Toscana	3 (2-4)	-9.7 (-18.9-1.3)	71 (57-88)	5.4 (-1.9-14.7)	3 (3-4)	20.2 (8.8-34)	0 (0-1)	8 (-7.4-25.8)	3 (2-4)	75 (61-91)	4 (3-5)	1 (0-1)
Umbria	1 (1-1)	-5.6 (-16.7-5.1)	21 (17-26)	13.9 (4.9-23.8)	1 (1-1)	24.1 (11.2-38.5)	0 (0-0)	14.1 (-3.3-36.8)	1 (1-1)	24 (19-30)	1 (1-2)	0 (0-0)
Valle d'Aosta	0 (0-0)	-31.3 (-42--19.1)	1 (1-2)	-11.6 (-24.3-2.6)	0 (0-0)	-0.8 (-16.2-15.1)	0 (0-0)	-20 (-36.2--3.1)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Veneto	6 (5-7)	-15.6 (-23.6--6.9)	141 (118-168)	3.1 (-4-11.7)	6 (5-8)	17.9 (6.9-29.3)	1 (1-1)	-1.9 (-14.6-15.5)	5 (4-6)	145 (122-169)	7 (6-9)	1 (1-1)
Luxembourg	1 (0-1)	19 (8.1-31.1)	12 (9-16)	37.4 (27.5-48.4)	1 (0-1)	33 (21-48.2)	0 (0-0)	17.1 (1.4-35.6)	1 (1-1)	17 (13-21)	1 (1-1)	0 (0-0)
Malta	1 (0-1)	4.3 (-4.7-18.8)	12 (9-15)	-7.7 (-14.7-0.6)	1 (0-1)	-11.5 (-19.7-0.7)	0 (0-0)	-5.8 (-17.5-10.9)	1 (0-1)	11 (8-14)	1 (0-1)	0 (0-0)
Monaco	0 (0-0)	-3.9 (-14-7.5)	1 (1-1)	14.1 (6-22.5)	0 (0-0)	18.1 (6.5-31.6)	0 (0-0)	20.1 (4.7-41.3)	0 (0-0)	1 (1-1)	0 (0-0)	0 (0-0)
Netherlands	3 (2-4)	-10.8 (-19.3-4.1)	36 (26-49)	-3.4 (-12.2-11.4)	3 (2-4)	-3.5 (-12.9-13.4)	1 (1-2)	-9.9 (-20.9-8.9)	3 (2-4)	35 (25-47)	3 (2-4)	1 (1-1)
Norway	9 (5-14)	-4.4 (-8.6-1)	96 (64-136)	6.3 (2.5-10.5)	9 (5-14)	4.3 (-0.6-10.3)	4 (2-6)	-5.7 (-12.5-1.7)	9 (5-13)	103 (68-145)	10 (6-15)	4 (2-6)
Agder	1 (0-1)	-7.6 (-21.1-6.3)	6 (4-9)	2.3 (-9.2-14.4)	1 (0-1)	1.1 (-12.7-17.1)	0 (0-0)	-11.2 (-29-8.2)	1 (0-1)	6 (4-9)	1 (0-1)	0 (0-0)
Innlandet	1 (0-1)	-20.7 (-32.4--7.5)	7 (5-11)	-11.1 (-21.4-0.9)	1 (0-1)	-12.6 (-25.4-1.9)	0 (0-0)	-22 (-38.8--3.3)	1 (0-1)	7 (4-9)	1 (0-1)	0 (0-0)
Møre og Romsdal	1 (0-1)	-17.8 (-28.5--6)	5 (3-8)	-5.1 (-15.6-5.9)	1 (0-1)	-6.8 (-18.3-6.8)	0 (0-0)	-16.4 (-33.4-4.3)	0 (0-1)	5 (3-7)	0 (0-1)	0 (0-0)
Nordland	0 (0-0)	-18.3 (-28.4--8.2)	5 (3-8)	-16.4 (-24.8--6.4)	1 (0-1)	-19.1 (-29.3--8.4)	0 (0-0)	-28 (-40.6--12.3)	0 (0-0)	4 (3-6)	0 (0-1)	0 (0-0)
Oslo	1 (1-2)	25 (10-42.8)	10 (7-14)	38.5 (25.1-53.1)	1 (1-1)	38.3 (20.9-59.2)	0 (0-1)	31.3 (7.9-59.9)	2 (1-2)	14 (9-20)	1 (1-2)	1 (0-1)
Rogaland	1 (0-1)	-3.2 (-16.6-12.5)	9 (6-12)	12.2 (0.6-25.6)	1 (0-1)	10.5 (-4.7-29.2)	0 (0-1)	-1.4 (-20.2-25.3)	1 (0-1)	10 (7-14)	1 (1-1)	0 (0-1)
Troms og Finnmark	1 (0-1)	-20.9 (-31.7--6.4)	5 (3-7)	-11 (-21.6-1.4)	1 (0-1)	-15.1 (-26.8-0.4)	0 (0-0)	-24.3 (-40.3--1.1)	1 (0-1)	5 (3-7)	0 (0-1)	0 (0-0)
Trøndelag	1 (0-1)	4.5 (-10-22.5)	8 (6-12)	5.7 (-4.7-17.9)	1 (0-1)	3 (-12.1-20.6)	0 (0-1)	-6.2 (-25.1-18.1)	1 (0-1)	9 (6-13)	1 (0-1)	0 (0-1)
Vestfold og Telemark	1 (0-1)	-14.1 (-24.6--0.4)	8 (5-11)	-3.7 (-12.9-8)	1 (0-1)	-5.1 (-17.4-9.8)	0 (0-0)	-16.1 (-31.1-6.6)	1 (0-1)	8 (5-11)	1 (0-1)	0 (0-0)
Vestland	1 (1-2)	-3.9 (-17.7-10.8)	12 (8-17)	4.7 (-6.4-16.1)	1 (1-2)	2.6 (-11.9-18.1)	0 (0-1)	-5.7 (-24.2-17.8)	1 (1-2)	13 (8-18)	1 (1-2)	0 (0-1)
Viken	2 (1-3)	-4.2 (-19.1-9.7)	20 (13-28)	13.6 (0.2-26.4)	2 (1-3)	13.1 (-4.9-29.5)	1 (0-1)	0 (-23.3-23.8)	2 (1-3)	23 (15-32)	2 (1-3)	1 (0-1)
Portugal	106 (81-138)	-40.1 (-48.2--30.4)	1,940 (1,620-2,240)	-29.4 (-37.8--21.4)	109 (84-140)	-27.1 (-36.1--16)	36 (23-53)	-33.8 (-46.2--19)	64 (47-84)	1,370 (1,110-1,670)	80 (61-103)	24 (15-35)
San Marino	0 (0-0)	-3.9 (-13.4-6.5)	1 (1-1)	10.3 (1.4-19)	0 (0-0)	8.2 (-3.4-20.9)	0 (0-0)	-6.3 (-18.8-10)	0 (0-0)	1 (1-1)	0 (0-0)	0 (0-0)
Spain	91 (75-110)	-12.9 (-20.3--3.5)	1,710 (1,450-2,020)	2.6 (-4.6-10.8)	98 (82-118)	6.2 (-3-17.8)	24 (17-33)	0.5 (-13-16.6)	79 (65-98)	1,750 (1,480-2,050)	105 (86-128)	24 (17-33)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Sweden	14 (10-19)	42.3 (29.1-55.8)	321 (251-409)	25.1 (15.8-34.9)	16 (12-22)	26.7 (14.1-40)	3 (2-5)	45 (28.2-63.2)	20 (14-27)	402 (315-515)	20 (15-28)	5 (3-7)
Stockholm	3 (2-5)	41.9 (26.4-58)	66 (51-85)	45.4 (33.1-57.7)	3 (2-4)	49.3 (33-66.8)	1 (0-1)	56.2 (33.3-81.7)	5 (4-6)	96 (75-122)	5 (4-6)	1 (1-2)
Sweden except Stockholm	11 (8-14)	42.5 (26.5-61.5)	255 (199-325)	19.8 (9.4-31.3)	13 (9-17)	21 (6.8-37.5)	2 (2-4)	41.7 (21-63.9)	15 (11-21)	305 (238-390)	16 (11-21)	3 (2-5)
Switzerland	10 (7-13)	18.5 (6.6-30.7)	187 (144-241)	14.4 (5.3-23.9)	10 (7-14)	13.5 (1.7-25.6)	3 (2-4)	17.6 (1-35.8)	11 (8-16)	214 (167-274)	12 (8-16)	3 (2-5)
United Kingdom	77 (54-107)	16.8 (15-18.5)	1,080 (832-1,390)	6.5 (5-8.1)	85 (60-119)	6.2 (4.6-8)	31 (18-46)	6.5 (4.3-8.4)	90 (63-124)	1,150 (881-1,480)	91 (64-125)	33 (20-49)
England	63 (44-88)	19.4 (18-20.8)	802 (613-1,040)	9.3 (8.2-10.5)	69 (48-97)	8.6 (7.2-10.1)	26 (15-39)	9.4 (7.5-11.3)	75 (52-104)	877 (672-1,140)	75 (52-104)	29 (17-43)
East Midlands	5 (4-7)	20.3 (15.2-25.3)	68 (51-88)	8.3 (4.6-11.8)	6 (4-8)	7.2 (2.7-11.7)	2 (1-3)	8.7 (2.5-15)	6 (4-8)	73 (56-96)	6 (4-9)	2 (1-3)
Derby	0 (0-0)	17.3 (2-32.1)	4 (3-5)	14.9 (4.3-25.1)	0 (0-0)	15.6 (0.5-30.3)	0 (0-0)	12.8 (-6.1-31.9)	0 (0-1)	4 (3-6)	0 (0-1)	0 (0-0)
Derbyshire	1 (1-1)	5.8 (-5.9-16.5)	12 (9-15)	-4.3 (-12.4-4.6)	1 (1-1)	-6.4 (-17-3.2)	0 (0-1)	-8.1 (-23-7.2)	1 (1-1)	11 (8-14)	1 (1-1)	0 (0-0)
Leicester	0 (0-1)	36.3 (22.6-52.9)	5 (4-7)	31.8 (20.7-44.1)	0 (0-1)	29.3 (16.5-45.5)	0 (0-0)	29.8 (11.8-53.3)	1 (0-1)	7 (5-9)	1 (0-1)	0 (0-0)
Leicestershire	1 (0-1)	13.2 (1-28.4)	10 (7-12)	1.9 (-6.7-13)	1 (1-1)	0.5 (-10.3-13.8)	0 (0-0)	0.7 (-14-20.8)	1 (1-1)	10 (7-13)	1 (1-1)	0 (0-0)
Lincolnshire	1 (0-1)	31.7 (15.8-48.2)	10 (8-13)	9.6 (-0.4-21)	1 (1-1)	6.8 (-6.3-21.4)	0 (0-0)	10.8 (-5.1-30.5)	1 (1-1)	11 (8-14)	1 (1-1)	0 (0-0)
Northamptonshire	1 (1-1)	22.3 (10.6-35.1)	10 (8-14)	13 (4.4-22.8)	1 (1-1)	13.1 (2.1-25)	0 (0-1)	13.7 (-2.8-32.4)	1 (1-1)	12 (9-16)	1 (1-1)	0 (0-1)
Nottingham	0 (0-1)	38.2 (24-54.9)	5 (3-6)	28.2 (17.5-40.4)	0 (0-1)	26.1 (13.2-41.6)	0 (0-0)	32.9 (15.3-57.6)	1 (0-1)	6 (4-8)	1 (0-1)	0 (0-0)
Nottinghamshire	1 (1-1)	12.5 (2-26.9)	12 (9-16)	0.9 (-6.7-10)	1 (1-1)	0 (-9.5-13.1)	0 (0-1)	1 (-11.9-19.5)	1 (1-1)	12 (9-16)	1 (1-1)	0 (0-1)
Rutland	0 (0-0)	16 (2.6-30.5)	1 (0-1)	0.1 (-8.4-9)	0 (0-0)	-1.9 (-13.1-10.6)	0 (0-0)	-1.5 (-16.5-17.5)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
East of England	7 (5-9)	18.3 (13.5-22.6)	87 (67-113)	9.4 (6-12.8)	7 (5-10)	8.6 (3.9-12.7)	3 (2-4)	7.8 (1.9-14.3)	8 (5-11)	95 (73-124)	8 (6-11)	3 (2-4)
Bedford	0 (0-0)	18.4 (5.7-33.5)	2 (2-3)	7 (-1.9-15.9)	0 (0-0)	7.1 (-4.2-20.9)	0 (0-0)	7.3 (-7.9-24)	0 (0-0)	3 (2-3)	0 (0-0)	0 (0-0)
Cambridgeshire	1 (0-1)	23.4 (10.1-36.8)	9 (7-12)	14.3 (5.1-24.6)	1 (0-1)	12.8 (0.8-24.8)	0 (0-0)	10.3 (-5.6-29)	1 (1-1)	10 (8-13)	1 (1-1)	0 (0-0)
Central Bedfordshire	0 (0-0)	15.6 (4.8-29.7)	4 (3-5)	6.3 (-1.9-15.9)	0 (0-0)	5.1 (-4.5-18.4)	0 (0-0)	3.9 (-10.1-21.4)	0 (0-0)	4 (3-5)	0 (0-0)	0 (0-0)
Essex	2 (1-2)	15.7 (2.3-29.5)	21 (16-27)	3.4 (-5.5-11.8)	2 (1-2)	1.8 (-9.7-13.7)	1 (0-1)	1.1 (-14.6-19.8)	2 (1-2)	22 (17-29)	2 (1-2)	1 (0-1)
Hertfordshire	1 (1-2)	16.6 (3.6-32.5)	17 (13-22)	11.4 (2.2-23)	1 (1-2)	11.4 (-0.9-26.6)	0 (0-1)	9.6 (-6.8-27.8)	1 (1-2)	19 (14-25)	2 (1-2)	1 (0-1)
Luton	0 (0-0)	19.4 (4.3-33.2)	3 (3-4)	20.8 (8.2-32.7)	0 (0-0)	21.1 (5.1-35.8)	0 (0-0)	20.6 (2-39.4)	0 (0-1)	4 (3-5)	0 (0-1)	0 (0-0)
Norfolk	1 (1-1)	18.5 (5.8-31.8)	12 (9-16)	6.6 (-2.3-16.7)	1 (1-1)	5.5 (-5.4-17.2)	0 (0-1)	5.8 (-9.3-22.2)	1 (1-1)	13 (10-17)	1 (1-1)	0 (0-1)
Peterborough	0 (0-0)	48.9 (33-66.9)	3 (2-4)	38.5 (26.2-51)	0 (0-0)	38.5 (23.8-55.7)	0 (0-0)	39.9 (20.5-63)	0 (0-1)	4 (3-5)	0 (0-0)	0 (0-0)
Southend-on-Sea	0 (0-0)	17.7 (6.6-30.8)	3 (2-3)	13.5 (4.3-23.7)	0 (0-0)	11.9 (1.1-24.6)	0 (0-0)	9.2 (-5.5-25.7)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Suffolk	1 (1-1)	11.7 (0.4-24.6)	11 (8-14)	4.8 (-4-14.4)	1 (1-1)	2.5 (-8.2-14)	0 (0-0)	-0.9 (-15.3-14.7)	1 (1-1)	11 (8-15)	1 (1-1)	0 (0-0)
Thurrock	0 (0-0)	22.1 (9.5-35.9)	2 (2-3)	18.7 (9.1-29.1)	0 (0-0)	20.2 (7.9-34)	0 (0-0)	16.7 (-0.1-36.7)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Greater London	11 (8-16)	34.4 (31.4-37.2)	123 (94-159)	28.6 (26.2-30.9)	10 (7-14)	30.5 (27.5-33.2)	4 (3-7)	30.5 (26.6-34.2)	15 (11-21)	159 (121-205)	14 (9-19)	6 (3-9)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Barking and Dagenham	0 (0-0)	63.3 (44.9-81.5)	3 (2-4)	52.5 (39.1-67.1)	0 (0-0)	57.8 (39.6-76.4)	0 (0-0)	56.9 (32.8-82.8)	0 (0-1)	5 (4-6)	0 (0-1)	0 (0-0)
Barnet	0 (0-1)	36.7 (21.3-54.9)	5 (4-7)	29.8 (19.8-41.6)	0 (0-1)	33.4 (18.3-52.2)	0 (0-0)	31.3 (11.9-56)	1 (0-1)	7 (5-9)	1 (0-1)	0 (0-0)
Bexley	0 (0-0)	31.6 (19-49.2)	4 (3-5)	15.5 (5.3-26)	0 (0-0)	15 (4-30.7)	0 (0-0)	18.8 (-0.4-40.7)	0 (0-0)	4 (3-5)	0 (0-0)	0 (0-0)
Brent	0 (0-1)	39.5 (24.9-56)	4 (3-6)	40.5 (27.3-52.7)	0 (0-1)	46.7 (30.7-64.5)	0 (0-0)	48.6 (26.7-74.4)	1 (0-1)	6 (5-8)	1 (0-1)	0 (0-0)
Bromley	0 (0-0)	22.7 (8.7-39.2)	5 (4-6)	9.1 (0.3-19.4)	0 (0-1)	10 (-3.1-25.6)	0 (0-0)	9.1 (-8-31.3)	0 (0-1)	5 (4-7)	0 (0-1)	0 (0-0)
Camden	0 (0-0)	9.3 (-1-21.6)	3 (2-4)	9.3 (0.2-19.9)	0 (0-0)	8.8 (-2.5-20.8)	0 (0-0)	3.8 (-10.2-19.7)	0 (0-0)	4 (3-5)	0 (0-0)	0 (0-0)
Croydon	0 (0-1)	37.1 (22.5-51.9)	6 (4-7)	26 (15.7-37.2)	0 (0-1)	28.7 (14.5-43.3)	0 (0-0)	31 (15.5-50.8)	1 (0-1)	7 (6-10)	1 (0-1)	0 (0-0)
Ealing	0 (0-1)	24.9 (10.7-39.2)	5 (4-7)	26 (15.2-37.8)	0 (0-1)	31.4 (16.7-46.9)	0 (0-0)	27.5 (9.1-49)	1 (0-1)	6 (5-8)	1 (0-1)	0 (0-0)
Enfield	0 (0-1)	40.5 (24.3-59.5)	5 (4-6)	37.6 (25.6-52)	0 (0-1)	42.8 (26.3-63)	0 (0-0)	40.4 (19.2-65.1)	1 (0-1)	6 (5-8)	1 (0-1)	0 (0-0)
Greenwich	0 (0-1)	53.6 (37-68.5)	4 (3-5)	44.6 (32.7-57.3)	0 (0-0)	46 (30.1-60.8)	0 (0-0)	46.3 (27.8-67.1)	1 (0-1)	6 (4-7)	1 (0-1)	0 (0-0)
Hackney	0 (0-1)	29.8 (17-44.1)	4 (3-5)	30.7 (19.9-42.3)	0 (0-1)	24.7 (11.6-39.3)	0 (0-0)	25.4 (9.2-46.3)	1 (0-1)	5 (4-7)	0 (0-1)	0 (0-0)
Hammersmith and Fulham	0 (0-0)	11.4 (0.6-26.6)	3 (2-4)	13.3 (4-24.1)	0 (0-0)	14.3 (2.8-30.3)	0 (0-0)	11.1 (-4.5-32.4)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Haringey	0 (0-1)	14.7 (1.4-30.6)	4 (3-5)	25.8 (14.5-38.1)	0 (0-0)	27.2 (11.8-45)	0 (0-0)	21.7 (2.8-43.1)	0 (0-1)	5 (4-6)	0 (0-1)	0 (0-0)
Harrow	0 (0-0)	56.5 (40.6-72.7)	3 (3-4)	40.9 (29.5-51.6)	0 (0-0)	45.6 (29.7-61.5)	0 (0-0)	54.1 (32.6-77.5)	0 (0-1)	5 (4-6)	0 (0-1)	0 (0-0)
Havering	0 (0-0)	52.7 (36.8-71)	4 (3-5)	17.7 (8.4-28)	0 (0-0)	15.9 (3.9-31.6)	0 (0-0)	30.7 (11.5-54)	0 (0-1)	4 (3-5)	0 (0-0)	0 (0-0)
Hillingdon	0 (0-0)	49.3 (34.6-66.5)	4 (3-5)	33.4 (23.1-45.3)	0 (0-0)	34.1 (20.4-49.7)	0 (0-0)	37 (16.7-61.1)	1 (0-1)	6 (4-7)	0 (0-1)	0 (0-0)
Hounslow	0 (0-0)	46 (27.7-61.2)	4 (3-5)	44.2 (31.5-57.2)	0 (0-0)	49.1 (30.2-65)	0 (0-0)	48.3 (25.4-71.3)	1 (0-1)	5 (4-7)	0 (0-1)	0 (0-0)
Islington	0 (0-0)	39.7 (25.9-57.6)	3 (2-4)	26.8 (15.4-38.1)	0 (0-0)	21.6 (8.7-37.6)	0 (0-0)	27.4 (10.5-48.3)	0 (0-1)	4 (3-5)	0 (0-0)	0 (0-0)
Kensington and Chelsea	0 (0-0)	-9 (-18.5-3.5)	2 (2-3)	-10.3 (-18.2--1.5)	0 (0-0)	-11 (-20.7-2.1)	0 (0-0)	-17.8 (-29.5--1.3)	0 (0-0)	2 (2-3)	0 (0-0)	0 (0-0)
Kingston upon Thames	0 (0-0)	35.8 (22.3-50.1)	2 (2-3)	19.7 (8.9-31.7)	0 (0-0)	22.9 (10.2-36.6)	0 (0-0)	23.7 (5.3-43.1)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Lambeth	1 (0-1)	17.1 (3.6-30.9)	5 (4-6)	18.2 (7.5-28.7)	0 (0-1)	18.1 (4.2-31.5)	0 (0-0)	16.7 (1-34.9)	1 (0-1)	6 (4-7)	0 (0-1)	0 (0-0)
Lewisham	0 (0-1)	32.2 (17.5-48)	5 (3-6)	23.9 (13.2-35.3)	0 (0-1)	27.1 (12.3-42.9)	0 (0-0)	26.9 (6.5-48.5)	1 (0-1)	6 (4-7)	0 (0-1)	0 (0-0)
Merton	0 (0-0)	28.8 (16-42.3)	3 (2-4)	16.4 (7-27)	0 (0-0)	21.2 (8.9-34)	0 (0-0)	21.2 (5.2-39.8)	0 (0-1)	4 (3-5)	0 (0-0)	0 (0-0)
Newham	1 (0-1)	43.2 (29.7-59.7)	5 (4-7)	42 (30.1-55.1)	0 (0-1)	35 (21.2-51.4)	0 (0-0)	35.8 (17.9-58.4)	1 (1-1)	7 (5-9)	1 (0-1)	0 (0-0)
Redbridge	0 (0-0)	64.9 (46.8-83.6)	4 (3-5)	51.5 (38-65.5)	0 (0-0)	56.6 (38.8-75.5)	0 (0-0)	59.4 (35.5-84.5)	1 (0-1)	6 (5-8)	1 (0-1)	0 (0-0)
Richmond upon Thames	0 (0-0)	7.3 (-4.4-18.6)	3 (2-4)	14.2 (5.1-23.6)	0 (0-0)	19.8 (6.7-33)	0 (0-0)	8.2 (-7.7-26)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Southwark	0 (0-1)	28.4 (15.2-46.2)	5 (3-6)	23.7 (12.9-35.5)	0 (0-1)	21.3 (8.7-38)	0 (0-0)	23.3 (5.8-44.7)	1 (0-1)	6 (4-7)	0 (0-1)	0 (0-0)
Sutton	0 (0-0)	24.9 (13.1-38.7)	3 (2-4)	9.6 (1-19.3)	0 (0-0)	10 (-0.4-22.6)	0 (0-0)	10 (-4.8-26.7)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Tower Hamlets	0 (0-1)	55.2 (33.8-76.7)	4 (3-5)	51.7 (37.7-66.2)	0 (0-0)	44 (24.5-65.4)	0 (0-0)	49.8 (25.7-76.2)	1 (0-1)	6 (4-7)	0 (0-1)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Waltham Forest	0 (0-1)	45.7 (30.7-65.6)	4 (3-5)	43.7 (30.5-58.3)	0 (0-0)	45.7 (30.5-65.4)	0 (0-0)	44.4 (24.3-70.2)	1 (0-1)	6 (4-7)	0 (0-1)	0 (0-0)
Wandsworth	0 (0-1)	36.4 (21.9-51.3)	4 (3-6)	36.2 (24.7-48.7)	0 (0-0)	45.3 (30.2-61.4)	0 (0-0)	42.2 (22.4-65)	1 (0-1)	6 (4-8)	0 (0-1)	0 (0-0)
Westminster	0 (0-0)	12.6 (-1.6-25.9)	3 (2-4)	18.6 (8.5-30.2)	0 (0-0)	25.2 (9.7-40.1)	0 (0-0)	18.2 (-0.9-38.6)	0 (0-0)	3 (3-4)	0 (0-0)	0 (0-0)
North East England	3 (2-4)	7.2 (3.6-11.6)	41 (31-52)	-4 (-6.5--1)	4 (2-5)	-5.2 (-8.3--1.3)	1 (1-2)	-3.5 (-8.2-1.3)	3 (2-4)	39 (30-51)	3 (2-5)	1 (1-2)
County Durham	1 (0-1)	7.6 (-1.8-21.7)	8 (6-10)	-2.5 (-10.1-5.8)	1 (0-1)	-3.6 (-12.1-8.9)	0 (0-0)	-3 (-16.4-14.3)	1 (0-1)	8 (6-10)	1 (0-1)	0 (0-0)
Darlington	0 (0-0)	8.1 (-4.8-20.7)	2 (1-2)	6.8 (-2.3-16.1)	0 (0-0)	4.8 (-7.9-17.2)	0 (0-0)	1.3 (-14.5-17.1)	0 (0-0)	2 (1-2)	0 (0-0)	0 (0-0)
Gateshead	0 (0-0)	9.9 (-2-22.2)	3 (2-4)	2.6 (-5.4-12)	0 (0-0)	0.5 (-10.6-12)	0 (0-0)	-0.6 (-16.3-16.7)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Hartlepool	0 (0-0)	-0.5 (-12.6-11.2)	2 (1-2)	-8.5 (-16.4-0.4)	0 (0-0)	-11.5 (-21.6--0.9)	0 (0-0)	-12.3 (-25.7-2.6)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Middlesbrough	0 (0-0)	7.7 (-3.4-20.2)	2 (2-3)	-4.5 (-12.9-3.9)	0 (0-0)	-3.8 (-13.9-8.3)	0 (0-0)	1.6 (-11.9-19.9)	0 (0-0)	2 (2-3)	0 (0-0)	0 (0-0)
Newcastle upon Tyne	0 (0-0)	28.7 (14.9-43.2)	4 (3-6)	11.1 (1.6-21.2)	0 (0-1)	9.3 (-2.7-21.9)	0 (0-0)	16.1 (-0.5-32.6)	0 (0-1)	5 (4-6)	0 (0-1)	0 (0-0)
North Tyneside	0 (0-0)	13.1 (1-26.4)	3 (2-4)	3.6 (-5-13.3)	0 (0-0)	2.9 (-7.9-15.2)	0 (0-0)	4.6 (-11.2-24.1)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Northumberland	0 (0-0)	-0.1 (-10.7-11.4)	5 (4-6)	-8.8 (-16.4--0.1)	0 (0-1)	-9.8 (-19.1-0.2)	0 (0-0)	-12 (-25.2-2.6)	0 (0-0)	4 (3-6)	0 (0-0)	0 (0-0)
Redcar and Cleveland	0 (0-0)	-3 (-14.8-9.7)	2 (2-3)	-15.6 (-23.2--7.9)	0 (0-0)	-17.5 (-27.2--7.2)	0 (0-0)	-13.9 (-27.4-1.4)	0 (0-0)	2 (1-2)	0 (0-0)	0 (0-0)
South Tyneside	0 (0-0)	2.3 (-8.7-15.7)	2 (2-3)	-13.9 (-21.5--5)	0 (0-0)	-16 (-25.4-4.2)	0 (0-0)	-12.5 (-25.4-5)	0 (0-0)	2 (2-3)	0 (0-0)	0 (0-0)
Stockton-on-Tees	0 (0-0)	11.3 (0.8-24.9)	3 (2-4)	-0.8 (-8.9-8.6)	0 (0-0)	-1.7 (-11.2-10.3)	0 (0-0)	-1.4 (-16.3-14.1)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Sunderland	0 (0-0)	-7.4 (-16.5-3.1)	5 (3-6)	-17.5 (-24.2--9.8)	0 (0-1)	-18.3 (-26.4--8.4)	0 (0-0)	-16 (-27.5--4.4)	0 (0-0)	4 (3-5)	0 (0-0)	0 (0-0)
North West England	9 (6-12)	13.4 (10.1-16.5)	111 (85-144)	1.3 (-1-3.6)	10 (7-14)	0 (-3.1-2.8)	4 (2-6)	2.1 (-2-6)	10 (7-14)	113 (86-146)	10 (7-14)	4 (2-6)
Blackburn with Darwen	0 (0-0)	-0.4 (-11.7-12.8)	3 (2-3)	0.3 (-9.6-9.8)	0 (0-0)	-3.2 (-14.7-9.4)	0 (0-0)	-8.9 (-23.3-6.9)	0 (0-0)	3 (2-3)	0 (0-0)	0 (0-0)
Blackpool	0 (0-0)	11.5 (0.3-25.1)	2 (2-3)	-1.6 (-9.7-7.5)	0 (0-0)	-2.4 (-12.3-9.7)	0 (0-0)	-1.3 (-14.1-14.4)	0 (0-0)	2 (2-3)	0 (0-0)	0 (0-0)
Bolton	0 (0-1)	16.4 (2.1-33.2)	4 (3-6)	6.3 (-4-16.2)	0 (0-1)	4.9 (-8.4-20.1)	0 (0-0)	3.9 (-13.1-23.5)	0 (0-1)	5 (4-6)	0 (0-1)	0 (0-0)
Bury	0 (0-0)	10 (-2.4-24.6)	3 (2-4)	0.4 (-7.6-10.4)	0 (0-0)	-0.2 (-11.5-13.4)	0 (0-0)	-0.1 (-16.5-19.3)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Cheshire East	0 (0-1)	8.4 (-2.3-21.2)	5 (4-7)	-3.2 (-11-5.6)	0 (0-1)	-5.2 (-14.7-6.2)	0 (0-0)	-7.1 (-19.2-8.2)	0 (0-1)	5 (4-7)	0 (0-1)	0 (0-0)
Cheshire West and Chester	0 (0-1)	6.1 (-6.6-18.2)	5 (4-7)	-8.3 (-15.6--0.1)	0 (0-1)	-10.9 (-21.8--0.7)	0 (0-0)	-9.5 (-23.9-7.3)	0 (0-1)	5 (4-6)	0 (0-1)	0 (0-0)
Cumbria	1 (0-1)	-0.4 (-9.6-12)	7 (6-10)	-10 (-16.6--1.8)	1 (0-1)	-11.4 (-19.4--0.3)	0 (0-0)	-12 (-23.4-5.6)	1 (0-1)	7 (5-9)	1 (0-1)	0 (0-0)
Halton	0 (0-0)	2.6 (-8.1-16.1)	2 (2-3)	-0.1 (-9.5-9.9)	0 (0-0)	-0.8 (-11.3-11.7)	0 (0-0)	-2.7 (-16.6-13.3)	0 (0-0)	2 (2-3)	0 (0-0)	0 (0-0)
Knowsley	0 (0-0)	4.7 (-5.4-17.1)	3 (2-4)	-12.9 (-19.7--4.4)	0 (0-0)	-14.5 (-23.3--3.6)	0 (0-0)	-7.1 (-20.7-8.9)	0 (0-0)	2 (2-3)	0 (0-0)	0 (0-0)
Lancashire	1 (1-2)	7.7 (-3.2-20.6)	18 (14-24)	-5 (-12.6-4)	2 (1-2)	-6.6 (-16.3-4)	1 (0-1)	-6.2 (-19.1-9.4)	1 (1-2)	17 (13-23)	2 (1-2)	1 (0-1)
Liverpool	1 (0-1)	23.5 (9.1-37.5)	7 (6-10)	5.2 (-4.1-15.1)	1 (0-1)	0.4 (-11.4-11.8)	0 (0-0)	10.2 (-7-29.3)	1 (1-1)	8 (6-10)	1 (0-1)	0 (0-0)
Manchester	1 (0-1)	56.3 (40.8-77.1)	7 (5-9)	46.2 (32.9-60.2)	1 (0-1)	43.4 (28.6-62.2)	0 (0-0)	51 (29.8-78.6)	1 (1-2)	11 (8-14)	1 (1-1)	0 (0-1)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Oldham	0 (0-0)	12.3 (1-25.2)	4 (3-5)	4.8 (-3.7-13.5)	0 (0-1)	4.6 (-6.2-16.6)	0 (0-0)	3.7 (-13.1-20.2)	0 (0-1)	4 (3-5)	0 (0-1)	0 (0-0)
Rochdale	0 (0-0)	12.6 (2-25.4)	4 (3-5)	0.2 (-7.4-8.4)	0 (0-0)	-1 (-10.5-9.9)	0 (0-0)	-0.3 (-12.6-15.4)	0 (0-0)	4 (3-5)	0 (0-0)	0 (0-0)
Salford	0 (0-0)	40.2 (24.2-57)	4 (3-5)	25.8 (14.4-37)	0 (0-0)	25.2 (11-40.7)	0 (0-0)	34.5 (12.6-58.6)	0 (0-1)	5 (3-6)	0 (0-1)	0 (0-0)
Sefton	0 (0-0)	1.6 (-9.1-15.2)	4 (3-6)	-15.8 (-22.9--7.8)	0 (0-1)	-17.5 (-26--6.7)	0 (0-0)	-11.2 (-25.2-3.6)	0 (0-0)	4 (3-5)	0 (0-0)	0 (0-0)
St Helens	0 (0-0)	3.3 (-8.3-15.9)	3 (2-4)	-11.5 (-19--3.2)	0 (0-0)	-13 (-22.8--2.1)	0 (0-0)	-8.8 (-23.7-6.7)	0 (0-0)	3 (2-3)	0 (0-0)	0 (0-0)
Stockport	0 (0-0)	7 (-3.4-19.6)	5 (3-6)	-5.7 (-13.1-2.9)	0 (0-1)	-5.3 (-14.6-5.9)	0 (0-0)	-3.5 (-17.9-14.3)	0 (0-0)	4 (3-6)	0 (0-1)	0 (0-0)
Tameside	0 (0-0)	14.4 (1.9-30.3)	4 (3-5)	2 (-6.9-11.6)	0 (0-0)	1.4 (-9.7-15.5)	0 (0-0)	3.7 (-10.6-23.6)	0 (0-0)	4 (3-5)	0 (0-0)	0 (0-0)
Trafford	0 (0-0)	12.2 (-1.5-25.2)	3 (3-4)	14.7 (4.2-24.6)	0 (0-0)	16.4 (1.9-29.9)	0 (0-0)	12.9 (-5-31.8)	0 (0-0)	4 (3-5)	0 (0-0)	0 (0-0)
Warrington	0 (0-0)	2.2 (-7.8-15)	3 (2-4)	-0.5 (-8.7-8.8)	0 (0-0)	-2.4 (-11.8-9.7)	0 (0-0)	-6.7 (-19.7-7.8)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Wigan	0 (0-1)	7 (-4.4-21.5)	5 (4-7)	0.6 (-7.8-9.9)	0 (0-1)	-0.4 (-11.3-13.8)	0 (0-0)	-2.4 (-16.5-16.8)	0 (0-1)	5 (4-7)	0 (0-1)	0 (0-0)
Wirral	0 (0-1)	2.6 (-8.3-13.7)	5 (4-7)	-6.6 (-14-1.7)	0 (0-1)	-8.9 (-18-1.3)	0 (0-0)	-8.6 (-21.6-5.9)	0 (0-1)	5 (4-6)	0 (0-1)	0 (0-0)
South East England	10 (7-14)	15.6 (11.5-19)	129 (99-166)	8.3 (5.4-11.1)	11 (7-15)	8.1 (4.3-11.5)	4 (2-6)	6.3 (1.5-10.9)	11 (8-16)	139 (106-180)	12 (8-16)	4 (2-6)
Bracknell Forest	0 (0-0)	-3.2 (-16.2-8.6)	2 (1-3)	-3.9 (-12.8-4.9)	0 (0-0)	-3.7 (-16.8-8.4)	0 (0-0)	-9.7 (-24.2-7.2)	0 (0-0)	2 (1-2)	0 (0-0)	0 (0-0)
Brighton and Hove	0 (0-0)	10 (-2.1-25.1)	4 (3-5)	13.1 (3.3-23.6)	0 (0-0)	9.3 (-2.4-23.3)	0 (0-0)	2.3 (-12.1-21.2)	0 (0-0)	4 (3-6)	0 (0-0)	0 (0-0)
Buckinghamshire	1 (0-1)	7.2 (-5.5-22)	8 (6-10)	1 (-8-10.4)	1 (0-1)	1.3 (-10.2-15.5)	0 (0-0)	-2.7 (-15.9-16.5)	1 (0-1)	8 (6-10)	1 (0-1)	0 (0-0)
East Sussex	1 (0-1)	13.1 (-1.1-28.5)	7 (6-10)	1.6 (-7.9-12.7)	1 (0-1)	-2.3 (-14.4-10.5)	0 (0-0)	-5.7 (-20.4-11.2)	1 (0-1)	8 (6-10)	1 (0-1)	0 (0-0)
Hampshire	1 (1-2)	8.1 (-5.8-20.2)	20 (15-26)	0.2 (-8.2-8.5)	2 (1-2)	-1 (-13.3-9.9)	1 (0-1)	-4.7 (-21.1-13.7)	1 (1-2)	20 (15-26)	2 (1-2)	1 (0-1)
Isle of Wight	0 (0-0)	17.4 (4.8-31.7)	2 (1-2)	-3.5 (-11.4-5.5)	0 (0-0)	-6.5 (-16.4-4.6)	0 (0-0)	-4.3 (-18.2-12.9)	0 (0-0)	2 (1-2)	0 (0-0)	0 (0-0)
Kent	2 (1-2)	25.3 (11.5-40.2)	22 (16-28)	13 (3.1-23)	2 (1-3)	11.7 (-0.6-25.2)	1 (0-1)	11.6 (-5.6-28.4)	2 (1-3)	24 (19-32)	2 (1-3)	1 (0-1)
Medway	0 (0-0)	21.9 (7.4-37.2)	4 (3-6)	6.2 (-3.2-15.1)	0 (0-1)	4.3 (-8.7-18.1)	0 (0-0)	8.1 (-9.6-27.4)	0 (0-1)	5 (4-6)	0 (0-1)	0 (0-0)
Milton Keynes	0 (0-0)	27.9 (14.1-44)	4 (3-5)	31 (19.9-43.3)	0 (0-0)	35 (20.1-52.5)	0 (0-0)	31 (11.9-52.3)	0 (0-1)	5 (4-6)	0 (0-1)	0 (0-0)
Oxfordshire	1 (1-1)	11.2 (-1.3-24.8)	10 (7-13)	6.8 (-1.6-16.5)	1 (1-1)	6 (-6.4-19.2)	0 (0-0)	3.6 (-12.2-21.1)	1 (1-1)	10 (8-14)	1 (1-1)	0 (0-0)
Portsmouth	0 (0-0)	26.6 (13.2-42.9)	3 (2-4)	20.1 (10.8-30.8)	0 (0-0)	20 (7.6-35.7)	0 (0-0)	21.2 (4-42.9)	0 (0-0)	4 (3-5)	0 (0-0)	0 (0-0)
Reading	0 (0-0)	27.8 (13.6-51.1)	2 (2-3)	24.4 (13.8-38.3)	0 (0-0)	30.3 (15.9-54.9)	0 (0-0)	34.4 (13.9-64.8)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Slough	0 (0-0)	38.7 (24.3-56.1)	2 (2-3)	50.2 (36-66.2)	0 (0-0)	58.3 (40.6-79)	0 (0-0)	53.6 (32.5-82.9)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Southampton	0 (0-0)	34 (20-48.5)	4 (3-5)	18.4 (9.1-28.7)	0 (0-0)	19.8 (7.3-33.5)	0 (0-0)	28.8 (10.2-46.7)	0 (0-1)	4 (3-6)	0 (0-1)	0 (0-0)
Surrey	1 (1-2)	12.4 (0.3-26.4)	17 (13-22)	8.9 (-0.9-18.2)	1 (1-2)	10.6 (-1.6-24.5)	0 (0-1)	5.8 (-11.2-25.5)	1 (1-2)	18 (14-24)	1 (1-2)	0 (0-1)
West Berkshire	0 (0-0)	1 (-10.4-14.6)	2 (2-3)	1.9 (-6.2-11.8)	0 (0-0)	3.3 (-7.4-17.3)	0 (0-0)	-2.5 (-18-14.5)	0 (0-0)	2 (2-3)	0 (0-0)	0 (0-0)
West Sussex	1 (1-1)	14.7 (1.5-31.3)	12 (9-15)	5.7 (-3.2-15.9)	1 (1-1)	4.5 (-7.4-20.1)	0 (0-1)	3.3 (-12.5-23.3)	1 (1-1)	12 (9-16)	1 (1-1)	0 (0-1)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Windsor and Maidenhead	0 (0-0)	5.6 (-6.4-16.6)	2 (2-3)	8.6 (0.2-18.1)	0 (0-0)	9.4 (-2.2-20.4)	0 (0-0)	1 (-13.9-15.1)	0 (0-0)	2 (2-3)	0 (0-0)	0 (0-0)
Wokingham	0 (0-0)	-6.6 (-16.6-4.7)	2 (2-3)	-5.3 (-13.9-3.2)	0 (0-0)	-3 (-13.1-9.2)	0 (0-0)	-9.8 (-23.6-4)	0 (0-0)	2 (2-3)	0 (0-0)	0 (0-0)
South West England	5 (4-7)	19 (15.2-23.5)	76 (58-98)	6.1 (3.3-9)	6 (4-9)	4.5 (0.8-8.4)	2 (1-3)	5.5 (0.3-10.7)	6 (4-9)	80 (62-104)	7 (5-9)	2 (1-4)
Bath and North East Somerset	0 (0-0)	13.7 (0.9-27.3)	3 (2-3)	-0.9 (-9.2-7.7)	0 (0-0)	-3.9 (-14.7-7.9)	0 (0-0)	-3.4 (-17.8-13.3)	0 (0-0)	3 (2-3)	0 (0-0)	0 (0-0)
Bournemouth	0 (0-0)	55.2 (35-75.2)	2 (2-3)	30.3 (18.3-42.8)	0 (0-0)	27.6 (12.2-44.6)	0 (0-0)	38.5 (13.5-62.5)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Bristol, City of	1 (0-1)	39.2 (24.4-58.4)	6 (5-8)	25.3 (14.5-36.6)	1 (0-1)	25.7 (12.7-42.7)	0 (0-0)	29.4 (9.3-53)	1 (0-1)	8 (6-10)	1 (0-1)	0 (0-0)
Comwall	1 (0-1)	19.6 (6-36.7)	7 (6-10)	3 (-6.3-13.3)	1 (0-1)	0.1 (-11.2-15)	0 (0-0)	-0.3 (-16.7-19.2)	1 (0-1)	8 (6-10)	1 (0-1)	0 (0-0)
Devon	1 (0-1)	14.6 (2.5-28.3)	10 (8-13)	0.8 (-8-9.9)	1 (1-1)	-0.8 (-11.3-10.9)	0 (0-0)	1 (-14.4-18.2)	1 (1-1)	10 (8-14)	1 (1-1)	0 (0-0)
Dorset	0 (0-0)	8.7 (-4.8-24.2)	5 (4-7)	-2.9 (-11.7-5.8)	0 (0-1)	-4.9 (-15.7-9.5)	0 (0-0)	-4.7 (-18.9-15.2)	0 (0-1)	5 (4-7)	0 (0-1)	0 (0-0)
Gloucestershire	1 (0-1)	14.3 (1-27.2)	9 (7-12)	1.3 (-6.4-10.5)	1 (1-1)	-0.6 (-12.6-10.7)	0 (0-0)	-0.2 (-17-16.6)	1 (1-1)	9 (7-12)	1 (1-1)	0 (0-0)
North Somerset	0 (0-0)	20.5 (7.6-34.7)	3 (2-4)	7.4 (-0.8-16.7)	0 (0-0)	7.3 (-4.1-19.6)	0 (0-0)	5.8 (-9.5-23.4)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Plymouth	0 (0-0)	21.8 (8.9-37.4)	4 (3-5)	8.6 (-0.5-19.5)	0 (0-0)	6 (-5.7-19.6)	0 (0-0)	12.3 (-3.7-32.9)	0 (0-0)	4 (3-5)	0 (0-0)	0 (0-0)
Poole	0 (0-0)	12.2 (1-27.3)	2 (2-3)	8.1 (-0.6-17.4)	0 (0-0)	7.2 (-3.2-20.9)	0 (0-0)	6.5 (-8.2-25.4)	0 (0-0)	2 (2-3)	0 (0-0)	0 (0-0)
Somerset	1 (0-1)	16.1 (3.9-33)	8 (6-10)	1.9 (-6.5-11.6)	1 (0-1)	0.1 (-10.6-14.8)	0 (0-0)	0.7 (-15.1-20.1)	1 (0-1)	8 (6-10)	1 (0-1)	0 (0-0)
South Gloucestershire	0 (0-0)	13.1 (0-26.6)	4 (3-5)	3.2 (-5.5-12.1)	0 (0-0)	2 (-9.9-14.7)	0 (0-0)	2.5 (-11.7-19.6)	0 (0-0)	4 (3-5)	0 (0-0)	0 (0-0)
Swindon	0 (0-0)	32.1 (19.9-48.9)	3 (2-4)	27.5 (18-39.3)	0 (0-0)	26.2 (14.2-42.3)	0 (0-0)	23.9 (7.8-47)	0 (0-0)	4 (3-5)	0 (0-0)	0 (0-0)
Torbay	0 (0-0)	15.5 (3-28.8)	2 (1-2)	-2.7 (-10.5-5.8)	0 (0-0)	-2.9 (-13.4-7.7)	0 (0-0)	3.4 (-12.8-20.2)	0 (0-0)	2 (1-2)	0 (0-0)	0 (0-0)
Wiltshire	1 (0-1)	7.5 (-2.9-19.8)	7 (5-9)	4.5 (-4.8-14.2)	1 (0-1)	3.1 (-7.7-16.8)	0 (0-0)	-4.5 (-17.2-12.5)	1 (0-1)	7 (6-10)	1 (0-1)	0 (0-0)
West Midlands	7 (5-10)	16.7 (12.2-22.1)	87 (66-113)	6.8 (3.4-10.4)	8 (5-11)	6.1 (2-11)	3 (2-5)	6.3 (0.8-12.4)	8 (6-11)	93 (71-120)	8 (6-11)	3 (2-5)
Birmingham	2 (1-2)	23.6 (12-42.2)	18 (14-23)	18.9 (8.6-32.3)	2 (1-2)	17 (5.8-35.3)	1 (0-1)	15.2 (-0.5-36.8)	2 (1-3)	21 (16-28)	2 (1-3)	1 (0-1)
Coventry	0 (0-1)	29.2 (11.6-44.7)	5 (4-7)	12.8 (2.4-23.3)	0 (0-1)	12.5 (-2.8-26.6)	0 (0-0)	16.9 (-0.4-35.6)	1 (0-1)	6 (4-8)	1 (0-1)	0 (0-0)
Dudley	0 (0-1)	9.5 (-4.3-24)	5 (4-6)	1.8 (-8.2-11.3)	0 (0-1)	1.7 (-11.1-15.1)	0 (0-0)	1.9 (-14.3-21)	0 (0-1)	5 (4-6)	0 (0-1)	0 (0-0)
Herefordshire, County of	0 (0-0)	9.6 (-2.5-23.3)	3 (2-3)	-4.3 (-12.5-4.1)	0 (0-0)	-7.8 (-17.9-3.2)	0 (0-0)	-9.3 (-22.5-6.1)	0 (0-0)	3 (2-3)	0 (0-0)	0 (0-0)
Sandwell	0 (0-1)	27.2 (13.5-41.9)	5 (4-6)	22.8 (12.1-33.2)	0 (0-1)	23 (9.8-37.6)	0 (0-0)	21.7 (5.9-40.5)	1 (0-1)	6 (5-8)	1 (0-1)	0 (0-0)
Shropshire	0 (0-0)	7.9 (-3-21.3)	4 (3-6)	0.1 (-8.6-8.5)	0 (0-1)	-2.8 (-11.9-9.7)	0 (0-0)	-6.5 (-20.1-11.3)	0 (0-0)	4 (3-6)	0 (0-0)	0 (0-0)
Solihull	0 (0-0)	18.6 (6.4-32.8)	3 (2-4)	-0.6 (-8.5-8.2)	0 (0-0)	-2.5 (-12.8-9.3)	0 (0-0)	1.5 (-12.8-20.4)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Staffordshire	1 (1-1)	6.8 (-5.7-20.8)	13 (9-16)	-4 (-13-4.7)	1 (1-1)	-5.7 (-16.9-6.1)	0 (0-1)	-7.3 (-22.8-10.5)	1 (1-1)	12 (9-16)	1 (1-1)	0 (0-1)
Stoke-on-Trent	0 (0-0)	14.8 (2.7-32.2)	4 (3-5)	8.2 (-1-19.5)	0 (0-1)	10.1 (-1.6-25.7)	0 (0-0)	11.2 (-3.6-33.7)	0 (0-1)	4 (3-6)	0 (0-1)	0 (0-0)
Telford and Wrekin	0 (0-0)	9.1 (-3.1-22.9)	3 (2-4)	-0.7 (-8.5-8.7)	0 (0-0)	-1.1 (-12.3-11.8)	0 (0-0)	-3.1 (-17.8-13.5)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Walsall	0 (0-1)	20.4 (7.2-34.3)	4 (3-6)	11 (1.8-21.3)	0 (0-1)	10.4 (-1.8-23.5)	0 (0-0)	11 (-7.2-29.9)	0 (0-1)	5 (4-6)	0 (0-1)	0 (0-0)
Warwickshire	1 (0-1)	16.3 (5.7-30.2)	8 (6-10)	5.6 (-3-15.2)	1 (0-1)	4.6 (-5.1-17.4)	0 (0-0)	4.1 (-9.4-22.7)	1 (0-1)	8 (6-11)	1 (0-1)	0 (0-0)
Wolverhampton	0 (0-0)	19.2 (6.9-33.5)	4 (3-5)	11.5 (2.6-22.2)	0 (0-1)	11.3 (-0.5-25.7)	0 (0-0)	14.9 (-0.4-33)	0 (0-1)	4 (3-6)	0 (0-1)	0 (0-0)
Worcestershire	1 (0-1)	5.3 (-5.9-21.2)	8 (6-11)	-4.5 (-12.2-4.5)	1 (0-1)	-5.3 (-15-8.6)	0 (0-0)	-6.6 (-20.7-14.7)	1 (0-1)	8 (6-11)	1 (0-1)	0 (0-0)
Yorkshire and the Humber	6 (4-9)	15.7 (11.1-19.6)	81 (62-105)	5.7 (2.8-8.5)	7 (5-10)	4.4 (0.4-8.2)	3 (2-4)	4.9 (-0.6-9.9)	7 (5-10)	86 (66-111)	8 (5-10)	3 (2-4)
Barnsley	0 (0-0)	18.1 (6.5-30.6)	4 (3-5)	4.4 (-3.5-13.2)	0 (0-0)	2.8 (-7.6-14.3)	0 (0-0)	2.9 (-12.7-19.5)	0 (0-0)	4 (3-5)	0 (0-0)	0 (0-0)
Bradford	1 (1-1)	11.9 (-0.7-26.8)	8 (6-11)	17.7 (6.3-29)	1 (1-1)	16.7 (3.5-31.9)	0 (0-1)	11.2 (-5.7-30.8)	1 (1-1)	10 (8-13)	1 (1-1)	0 (0-1)
Calderdale	0 (0-0)	10.1 (-2.9-22.9)	3 (2-4)	2.3 (-7.2-13.2)	0 (0-0)	0.1 (-12.2-12)	0 (0-0)	-3.5 (-18.8-13.2)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Doncaster	0 (0-1)	9.8 (-1.4-22.9)	5 (4-6)	2.2 (-6.4-12.7)	0 (0-1)	0.6 (-9.7-13.3)	0 (0-0)	0 (-14.4-15.9)	0 (0-1)	5 (4-6)	0 (0-1)	0 (0-0)
East Riding of Yorkshire	0 (0-0)	5 (-7.3-16.5)	5 (4-6)	-5.8 (-14.4-2.9)	0 (0-1)	-7.7 (-18.6-2.7)	0 (0-0)	-9.4 (-24.3-4.6)	0 (0-0)	4 (3-6)	0 (0-1)	0 (0-0)
Kingston upon Hull, City of	0 (0-1)	13.8 (2.4-27.2)	4 (3-6)	3.8 (-5.5-13.1)	0 (0-1)	3 (-7.9-15.3)	0 (0-0)	8.9 (-5.5-25)	0 (0-1)	4 (3-6)	0 (0-1)	0 (0-0)
Kirklees	1 (0-1)	7.5 (-4-20.8)	7 (5-9)	6.4 (-2.7-15.5)	1 (0-1)	4.3 (-7.2-17.8)	0 (0-0)	-1.4 (-16.6-16.3)	1 (0-1)	7 (5-9)	1 (0-1)	0 (0-0)
Leeds	1 (1-1)	35.1 (20.2-50.8)	12 (9-15)	12.6 (3-22.9)	1 (1-1)	12.1 (-0.5-25.3)	0 (0-1)	21.2 (3.1-43.6)	1 (1-2)	13 (10-17)	1 (1-2)	0 (0-1)
North East Lincolnshire	0 (0-0)	7.9 (-3.6-20)	3 (2-4)	-7.3 (-15.4-1.4)	0 (0-0)	-9.8 (-19.5-0.3)	0 (0-0)	-7.6 (-21.6-8.4)	0 (0-0)	2 (2-3)	0 (0-0)	0 (0-0)
North Lincolnshire	0 (0-0)	19.2 (8.2-32.6)	2 (2-3)	10.1 (1.7-19.6)	0 (0-0)	8.7 (-1.6-21.2)	0 (0-0)	7.7 (-6.3-24.2)	0 (0-0)	3 (2-3)	0 (0-0)	0 (0-0)
North Yorkshire	1 (0-1)	5.2 (-7.7-17.8)	9 (7-11)	-3.4 (-11.7-5.5)	1 (0-1)	-4.6 (-15.7-6.4)	0 (0-0)	-5.8 (-21.6-10.2)	1 (0-1)	8 (6-11)	1 (0-1)	0 (0-0)
Rotherham	0 (0-0)	11.3 (0.3-23.9)	4 (3-5)	-1.6 (-9.5-6.9)	0 (0-1)	-3.3 (-13.5-7.7)	0 (0-0)	-3.8 (-18.2-12.5)	0 (0-0)	4 (3-5)	0 (0-0)	0 (0-0)
Sheffield	1 (0-1)	25.2 (10.8-39.2)	8 (6-10)	14.2 (3.8-24.9)	1 (0-1)	11.9 (-0.7-24.3)	0 (0-0)	13.2 (-4-31.2)	1 (1-1)	9 (7-12)	1 (1-1)	0 (0-0)
Wakefield	0 (0-1)	12.9 (-0.3-26.1)	5 (4-7)	-1.4 (-10.5-7.3)	0 (0-1)	-2.3 (-13.6-9.6)	0 (0-0)	-0.3 (-15.7-17)	0 (0-1)	5 (4-7)	0 (0-1)	0 (0-0)
York	0 (0-0)	22.4 (7.4-34.6)	3 (2-3)	9.9 (0.3-19.5)	0 (0-0)	6.8 (-5.9-17.2)	0 (0-0)	7.3 (-8.9-23.9)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Northern Ireland	3 (2-4)	15.2 (5.6-27)	52 (40-66)	3.5 (-4.8-11.8)	3 (2-4)	1.4 (-7.9-13)	1 (1-2)	-2.8 (-15.4-13.3)	3 (2-5)	53 (41-68)	3 (2-4)	1 (1-1)
Scotland	7 (5-10)	0 (-9.6-9.9)	142 (110-183)	-4.1 (-11.1-4.1)	8 (6-12)	-6.1 (-15-3.8)	2 (2-4)	-13.1 (-24.8-0.7)	7 (5-10)	136 (105-173)	8 (6-11)	2 (1-3)
Wales	4 (3-6)	7.4 (-5.1-21.2)	81 (62-104)	-0.8 (-9.2-7.4)	5 (3-7)	-3.5 (-15.4-9.1)	1 (1-2)	-6.4 (-21.2-10.3)	4 (3-6)	80 (62-103)	5 (3-6)	1 (1-2)
Latin America and Caribbean	2,960 (2,450-3,500)	3.5 (-0.6-7.9)	44,000 (37,500-51,200)	9 (5.6-12.6)	2,380 (1,950-2,860)	18 (13-23.5)	129 (82-184)	12.4 (3.4-21.3)	3,060 (2,500-3,630)	48,000 (40,500-56,400)	2,810 (2,290-3,370)	145 (93-210)
Andean Latin America	131 (103-168)	9.3 (3.1-15.5)	1,990 (1,620-2,450)	24.7 (18.6-31)	92 (70-119)	24.3 (15.7-32.7)	7 (4-10)	17.5 (7.5-28.7)	143 (111-182)	2,480 (2,020-3,030)	114 (88-147)	8 (5-12)
Bolivia (Plurinational State of)	30 (22-40)	24.3 (11.8-36.9)	407 (309-530)	31.4 (21.2-41.9)	20 (14-28)	24.9 (10.4-39.2)	2 (1-3)	31 (11-54.6)	37 (27-52)	534 (397-705)	25 (17-35)	2 (1-4)
Ecuador	33 (30-36)	20 (12.2-29.6)	551 (503-602)	30 (22.6-38.3)	24 (21-27)	39.8 (29.4-53)	1 (1-2)	17.8 (2.3-36.1)	40 (36-44)	716 (652-793)	33 (29-37)	2 (1-2)
Peru	68 (50-93)	-2.5 (-12.1-7.2)	1,060 (807-1,380)	15.7 (6-25.6)	49 (34-68)	13.5 (1.6-25.6)	3 (2-5)	5.7 (-8.9-22.4)	66 (48-89)	1,220 (932-1,560)	56 (39-76)	4 (2-6)
Caribbean	2,030 (1,650-2,420)	5.8 (0.4-12.4)	26,700 (22,300-31,200)	7.4 (2.5-13.4)	1,580 (1,280-1,900)	18 (11.3-25.7)	86 (52-124)	18.9 (6.1-34)	2,140 (1,720-2,540)	28,700 (23,900-33,800)	1,870 (1,480-2,230)	102 (64-149)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Antigua and Barbuda	2 (1-3)	-29.9 (-38.6--19.4)	34 (25-44)	-14.4 (-22.8--4.8)	2 (1-2)	2 (-11.3-18.8)	0 (0-0)	-22.9 (-34.4--8.2)	1 (1-2)	29 (22-38)	2 (1-2)	0 (0-0)
Bahamas	14 (10-19)	-14 (-25.6--0.6)	252 (190-324)	-6.4 (-17.4-6.4)	15 (11-22)	10.4 (-5.8-28.1)	0 (0-1)	-24.9 (-38.8--6.6)	12 (8-16)	236 (179-304)	17 (12-23)	0 (0-1)
Barbados	5 (4-8)	-21.7 (-31.7--8.5)	97 (74-127)	-11.5 (-20.4--1.7)	5 (4-7)	6.1 (-8.1-23)	0 (0-0)	-19.5 (-31.7--2)	4 (3-6)	86 (65-112)	5 (4-8)	0 (0-0)
Belize	11 (8-15)	32.8 (14.9-53.6)	168 (125-223)	42.9 (26.9-60.7)	9 (6-13)	67.2 (42.9-96.6)	0 (0-1)	30.5 (7.7-62)	15 (10-20)	240 (180-314)	16 (11-22)	1 (0-1)
Bermuda	1 (1-1)	-36.2 (-44.4--26)	18 (14-24)	-28.2 (-35.2--19.9)	1 (1-1)	-10 (-21.5-3.7)	0 (0-0)	-35.6 (-45.1--21)	1 (0-1)	13 (10-17)	1 (1-1)	0 (0-0)
Cuba	64 (51-81)	1.6 (-13.7-17.4)	1,350 (1,110-1,660)	-5.9 (-17.7-8.9)	72 (56-91)	13.9 (-3.8-31.8)	2 (1-2)	7.7 (-11.9-27.5)	65 (50-83)	1,270 (1,010-1,600)	82 (63-104)	2 (1-3)
Dominica	2 (1-3)	-33.8 (-43.4--23.9)	33 (25-43)	-29.1 (-36.5--20.8)	2 (1-3)	-17.6 (-30.3--4.7)	0 (0-0)	-37 (-48.4--24.7)	1 (1-2)	23 (18-30)	2 (1-2)	0 (0-0)
Dominican Republic	594 (449-745)	0.4 (-10.7-13.6)	7,230 (5,630-8,770)	8.9 (-2.1-20.4)	431 (318-551)	12.8 (-1-28.5)	24 (14-36)	3.6 (-12.4-26.2)	597 (443-751)	7,870 (6,140-9,600)	486 (359-616)	24 (15-37)
Grenada	3 (2-4)	-26 (-36.8--15.3)	52 (40-67)	-24 (-32.3--14.2)	3 (2-4)	-15.5 (-27.9--2)	0 (0-0)	-27 (-40.5--9.9)	2 (2-3)	39 (30-52)	2 (2-3)	0 (0-0)
Guyana	29 (20-40)	-12 (-22.1--0.4)	461 (347-612)	-18.4 (-26.5--10)	25 (17-35)	-9 (-20.2-3.5)	1 (1-2)	-18.7 (-30.7--4)	26 (18-35)	377 (280-496)	23 (16-32)	1 (1-2)
Haiti	940 (764-1,090)	22.6 (13.3-36.2)	10,200 (8,480-12,000)	32.3 (22.8-44.9)	649 (520-766)	41.4 (29.4-58)	50 (29-73)	33.9 (12.5-56.5)	1,150 (940-1,340)	13,600 (11,400-15,900)	918 (741-1,070)	67 (41-99)
Jamaica	168 (156-183)	-29.7 (-39.4--19.4)	3,450 (3,090-3,870)	-32.8 (-40.8--24)	180 (164-199)	-20.1 (-31.4--8.5)	3 (2-4)	-35.6 (-46.6--24.1)	118 (99-141)	2,320 (1,970-2,770)	144 (120-173)	2 (1-2)
Puerto Rico	70 (48-96)	-57.8 (-62.6--51.4)	1,390 (1,050-1,790)	-43.1 (-48.5--36.6)	72 (48-100)	-27.8 (-36.5--17)	1 (1-2)	-59.2 (-66.3--50.4)	30 (20-42)	792 (600-1,030)	52 (35-73)	1 (0-1)
Saint Kitts and Nevis	1 (1-2)	-14 (-24.9--2.6)	22 (16-28)	-7.9 (-17.2-1.9)	1 (1-2)	2.3 (-11.4-17.9)	0 (0-0)	-14.8 (-30.4-0.5)	1 (1-1)	20 (15-26)	1 (1-2)	0 (0-0)
Saint Lucia	5 (3-6)	-38.3 (-45.7--28.6)	84 (63-112)	-30.2 (-36.9--22.1)	5 (3-7)	-19.7 (-29.9--5.3)	0 (0-0)	-40.4 (-48.3--28.3)	3 (2-4)	59 (45-77)	4 (3-5)	0 (0-0)
Saint Vincent and the Grenadines	3 (2-5)	-28.3 (-36.9--17.9)	59 (44-78)	-25.8 (-33.4--16.9)	3 (2-5)	-17.5 (-28.5--4.9)	0 (0-0)	-30.1 (-41.7--14.5)	2 (2-3)	44 (33-57)	3 (2-4)	0 (0-0)
Suriname	16 (11-21)	-6.2 (-17.6-7.3)	231 (175-300)	9.4 (-1.9-22)	13 (9-18)	18.5 (4.2-37.2)	1 (0-1)	6.2 (-10.7-29.1)	15 (10-20)	253 (191-334)	16 (11-22)	1 (0-1)
Trinidad and Tobago	27 (19-38)	-13.6 (-28--1.2)	588 (449-768)	-17 (-27.6--7.8)	37 (26-52)	-17.9 (-31.4--5.8)	1 (0-1)	-9 (-26.4-6.4)	24 (16-32)	488 (370-639)	30 (21-41)	1 (0-1)
United States Virgin Islands	3 (2-4)	-33.3 (-41.6--24)	46 (34-59)	-30.6 (-37.5--22.4)	2 (2-3)	-22.2 (-32--11.6)	0 (0-0)	-32 (-42.8--19.8)	2 (1-2)	32 (24-42)	2 (1-3)	0 (0-0)
Central Latin America	182 (142-232)	-47.6 (-53--41)	3,400 (2,720-4,230)	-48.3 (-54--42.1)	142 (108-184)	-33.8 (-40.9--26.3)	9 (6-13)	-42.8 (-50.7--34)	95 (70-128)	1,760 (1,330-2,320)	94 (68-128)	5 (3-8)
Colombia	6 (4-8)	-17.2 (-30.9--0.3)	82 (62-105)	-11 (-23.9-5.1)	5 (4-6)	-10.2 (-24.1-8.3)	0 (0-0)	-17.1 (-34.6-5.5)	5 (4-6)	73 (54-95)	4 (3-6)	0 (0-0)
Costa Rica	0 (0-0)	-12.1 (-28.1--12.2)	1 (0-2)	-2.4 (-21.3-2.4)	0 (0-0)	-2.5 (-21.2-4.1)	0 (0-0)	-13.8 (-34.5--3.2)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
El Salvador	0 (0-0)	-22.8 (-22.8--22.8)	0 (0-2)	-15 (-19.6--11.2)	0 (0-0)	-12.2 (-16--7.8)	0 (0-0)	-25.8 (-35--17.6)	0 (0-0)	0 (0-2)	0 (0-0)	0 (0-0)
Guatemala	0 (0-0)	11.7 (12.8-12.8)	1 (0-4)	6.7 (1.6-12.9)	0 (0-0)	16.2 (11.7-22.8)	0 (0-0)	-14.8 (-26--1.6)	0 (0-0)	1 (0-4)	0 (0-0)	0 (0-0)
Honduras	0 (0-0)	25.3 (24.3-24.4)	0 (0-1)	39.1 (31.9-45.3)	0 (0-0)	41.9 (36.6-48.8)	0 (0-0)	24.5 (10.7-52.7)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Mexico	61 (44-86)	-17.3 (-20.8--13)	1,060 (765-1,440)	-1.8 (-5.6-2.8)	47 (33-68)	5 (0-11.1)	3 (2-5)	-14 (-18.9--9.3)	51 (36-74)	1,050 (736-1,430)	50 (34-72)	3 (2-4)
Aguascalientes	0 (0-0)	7.6 (-4.1-601)	1 (0-3)	28.9 (10.3-732)	0 (0-0)	38 (18.6-799)	0 (0-0)	10.5 (-12.6-574)	0 (0-0)	1 (0-3)	0 (0-0)	0 (0-0)
Baja California	1 (1-2)	13.4 (4.2-36.6)	23 (12-38)	38 (27-72.7)	1 (1-2)	53.7 (41.2-83.6)	0 (0-0)	16.4 (2.1-45)	1 (1-3)	32 (17-53)	2 (1-3)	0 (0-0)
Baja California Sur	0 (0-1)	31.9 (16.6-45)	9 (5-13)	63.4 (47.7-79.9)	0 (0-1)	79.2 (58.8-99.9)	0 (0-0)	35.3 (14.4-64)	1 (0-1)	14 (8-21)	1 (0-1)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Campeche	1 (1-1)	-0.7 (-11.6-10.4)	16 (11-23)	6.4 (-3.3-17.4)	1 (0-1)	11.6 (-1.4-26.6)	0 (0-0)	0.8 (-16.3-18.5)	1 (1-1)	17 (11-24)	1 (1-1)	0 (0-0)
Chiapas	4 (3-5)	6.4 (-5.6-16.5)	58 (41-80)	16.3 (5.5-27)	3 (2-4)	17.2 (4-29.4)	0 (0-0)	9 (-8.3-26.9)	4 (3-6)	68 (47-92)	3 (2-5)	0 (0-0)
Chihuahua	1 (0-1)	-14.9 (-25.7-30.7)	14 (6-26)	3.2 (-10.8-60.8)	1 (0-1)	13.7 (-2-81.6)	0 (0-0)	-10.6 (-30.2-45.2)	1 (0-1)	14 (6-27)	1 (0-1)	0 (0-0)
Coahuila	1 (0-1)	5.3 (-6.5-21.5)	14 (8-22)	19.6 (6.5-37.3)	1 (0-1)	28 (13.9-50.1)	0 (0-0)	5.5 (-13.5-34.6)	1 (0-1)	17 (10-26)	1 (0-1)	0 (0-0)
Colima	0 (0-0)	-4.6 (-36.7-11.2)	4 (1-8)	10.5 (-21.9-28.6)	0 (0-0)	16.6 (-23.5-35.4)	0 (0-0)	-1.6 (-34.6-19.2)	0 (0-0)	4 (1-10)	0 (0-0)	0 (0-0)
Durango	1 (0-1)	-9.6 (-22.2-14.6)	10 (4-19)	11.3 (-4.4-38.3)	0 (0-1)	20.1 (1.9-53.4)	0 (0-0)	-4.7 (-23.3-23.2)	1 (0-1)	11 (4-22)	0 (0-1)	0 (0-0)
Guanajuato	1 (1-2)	-24.1 (-49.7-14.4)	22 (13-37)	-5.2 (-36.3-37.1)	1 (1-2)	5.4 (-29.2-67.1)	0 (0-0)	-19.9 (-49.1-21.4)	1 (1-2)	21 (12-36)	1 (1-2)	0 (0-0)
Guerrero	7 (5-9)	-30.8 (-37.3--24.3)	98 (78-122)	-14.3 (-21.4--6.3)	4 (3-6)	-10 (-18.6-0)	0 (0-1)	-26.2 (-37.4--14.1)	5 (4-6)	84 (66-107)	4 (3-5)	0 (0-0)
Hidalgo	1 (0-1)	-11.8 (-24.1-15.1)	11 (5-21)	10.2 (-4.9-38.6)	0 (0-1)	19.3 (1.8-54.5)	0 (0-0)	-8.1 (-26.9-22.5)	1 (0-1)	12 (5-24)	1 (0-1)	0 (0-0)
Jalisco	3 (2-4)	-28.2 (-51.4--16.7)	51 (28-78)	-20.1 (-46.1--7.1)	2 (1-4)	-9.4 (-37-5.5)	0 (0-0)	-25.4 (-48.4--8.2)	2 (1-3)	41 (20-67)	2 (1-3)	0 (0-0)
México	2 (0-3)	3.5 (-10.7-187)	26 (8-50)	23.3 (2.8-226)	1 (0-2)	32.6 (10.8-279)	0 (0-0)	11.6 (-14.9-214)	2 (0-4)	33 (10-74)	2 (0-3)	0 (0-0)
Mexico City	2 (1-3)	-38.1 (-42.5--27.5)	43 (29-61)	-20.2 (-27.4--8.3)	2 (1-3)	-13.2 (-20.5-2.7)	0 (0-0)	-32 (-41.3--17.6)	1 (1-2)	34 (23-49)	1 (1-2)	0 (0-0)
Michoacán de Ocampo	2 (1-3)	-20.1 (-36.5--4.4)	29 (15-49)	-7.6 (-25.5-7.9)	1 (1-2)	-4.5 (-25.1-16.5)	0 (0-0)	-16.8 (-34.6-2.3)	1 (1-2)	26 (14-46)	1 (1-2)	0 (0-0)
Morelos	1 (0-1)	-22 (-52.3--10.9)	12 (5-24)	-14.8 (-47.9-2)	1 (0-1)	-6.5 (-40.9-8.6)	0 (0-0)	-19.4 (-50--0.7)	0 (0-1)	10 (4-22)	1 (0-1)	0 (0-0)
Nayarit	0 (0-1)	3.7 (-7.8-21.9)	9 (4-16)	17.1 (1.7-35.4)	0 (0-1)	24.1 (6.9-50.2)	0 (0-0)	4.9 (-15.2-32.2)	0 (0-1)	11 (5-19)	0 (0-1)	0 (0-0)
Nuevo León	3 (2-4)	-27.3 (-36.6--19.6)	57 (39-79)	-8.8 (-19.3-1.3)	2 (1-3)	-1.7 (-14.8-10.1)	0 (0-0)	-23.1 (-35.5--10.9)	2 (1-3)	52 (35-74)	2 (1-3)	0 (0-0)
Oaxaca	6 (4-7)	-23.2 (-28.5--17.2)	89 (68-116)	-11.7 (-17.5--5.1)	4 (3-6)	-6.8 (-14.5-2)	0 (0-0)	-20.3 (-31.5--7.7)	4 (3-6)	79 (61-101)	4 (3-5)	0 (0-0)
Puebla	1 (1-2)	-7.3 (-21.8-65.6)	18 (8-36)	9.9 (-8.7-86.4)	1 (0-2)	18 (-1.3-119)	0 (0-0)	-2 (-23.8-92.6)	1 (0-2)	20 (8-38)	1 (0-2)	0 (0-0)
Querétaro	0 (0-0)	11.8 (0.4-632)	1 (0-4)	31.1 (12.4-739)	0 (0-0)	39.4 (20.2-790)	0 (0-0)	13.9 (-11.4-709)	0 (0-0)	2 (0-5)	0 (0-0)	0 (0-0)
Quintana Roo	1 (1-2)	25.8 (14.3-37.6)	19 (12-28)	43.2 (30-59.9)	1 (0-1)	54.9 (42-72.8)	0 (0-0)	29.7 (12-49.5)	1 (1-2)	27 (16-42)	1 (1-2)	0 (0-0)
San Luis Potosí	1 (0-2)	-18.8 (-33.4-5.7)	18 (8-33)	-2.9 (-20.7-28.3)	1 (0-2)	3.8 (-13.9-37.2)	0 (0-0)	-16.1 (-33.6-13.9)	1 (0-2)	17 (8-32)	1 (0-2)	0 (0-0)
Sinaloa	2 (1-3)	-23.5 (-31.8--13.9)	33 (21-48)	-9.6 (-19.1-1.1)	1 (1-2)	-3.2 (-13.8-10.3)	0 (0-0)	-23 (-36.8--6.6)	1 (1-2)	30 (19-44)	1 (1-2)	0 (0-0)
Sonora	1 (1-2)	-32 (-50.3--19.3)	20 (11-33)	-15.2 (-33.2--1)	1 (1-2)	-9 (-33.3-9.3)	0 (0-0)	-29.4 (-48.3--13.5)	1 (0-1)	17 (9-28)	1 (0-1)	0 (0-0)
Tabasco	6 (5-7)	-9.8 (-18.3-0.2)	104 (88-123)	1.4 (-6.3-10.2)	5 (4-6)	7.5 (-3.3-20.2)	0 (0-0)	-7.2 (-22-9.3)	5 (4-6)	106 (88-125)	5 (4-7)	0 (0-0)
Tamaulipas	4 (3-6)	-22.7 (-30.2--15.7)	76 (60-96)	1 (-7.9-10.1)	3 (2-4)	11.2 (-0.7-22.3)	0 (0-0)	-17.1 (-30.7-0.9)	3 (3-5)	77 (60-98)	4 (3-5)	0 (0-0)
Tlaxcala	0 (0-0)	-4.4 (-18.3-28.9)	4 (2-9)	15.6 (-2.5-53.5)	0 (0-0)	25.9 (6.7-72.3)	0 (0-0)	-1.3 (-24.8-41.3)	0 (0-0)	5 (2-10)	0 (0-0)	0 (0-0)
Veracruz de Ignacio de la Llave	8 (6-10)	-24.5 (-31.7--17.1)	137 (106-174)	-8.7 (-16.3--0.1)	6 (4-8)	-2.7 (-12.2-8.6)	0 (0-1)	-23.6 (-35.7--8.8)	6 (4-8)	125 (96-161)	6 (4-8)	0 (0-0)
Yucatán	2 (1-3)	-9.9 (-20.2--0.8)	36 (24-50)	2.1 (-7.5-11.7)	2 (1-2)	8.2 (-4.4-20.9)	0 (0-0)	-7.7 (-21.8-7.5)	2 (1-2)	36 (24-52)	2 (1-3)	0 (0-0)
Zacatecas	0 (0-0)	-10 (-21-304)	1 (0-4)	2.4 (-13.9-368)	0 (0-0)	6.8 (-9.1-381)	0 (0-0)	-6.9 (-24.8-322)	0 (0-0)	1 (0-4)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Nicaragua	0 (0-0)	11.9 (0.9-1570)	0 (0-1)	23.9 (5.8-1580)	0 (0-0)	23.9 (6.4-1730)	0 (0-0)	13.6 (-12.6-1580)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Panama	0 (0-0)	18.8 (22.8-22.9)	0 (0-1)	28.6 (24.8-37.2)	0 (0-0)	29.7 (30-37.8)	0 (0-0)	19.8 (-8.3-35.1)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Venezuela (Bolivarian Republic of)	114 (90-144)	-65.5 (-70.3--59.1)	2,260 (1,820-2,710)	-73 (-76.6--68.6)	90 (68-117)	-57.2 (-63.4--49.4)	5 (4-8)	-63.5 (-71.2--53.7)	40 (30-52)	609 (468-783)	39 (28-51)	2 (1-3)
Tropical Latin America	620 (533-725)	9.9 (3-16.4)	11,900 (10,500-13,400)	26.1 (19.8-32.5)	567 (480-672)	30 (21.9-38.3)	28 (19-40)	8.4 (-0.4-18.3)	682 (554-818)	15,100 (12,800-17,400)	737 (602-890)	30 (20-43)
Brazil	588 (508-686)	10.4 (3.3-17.6)	11,400 (10,000-12,800)	26.6 (20-33)	540 (460-636)	30.8 (22-39.2)	26 (18-37)	9.1 (-0.2-20)	649 (531-782)	14,400 (12,300-16,600)	707 (581-853)	29 (19-41)
Acre	2 (2-3)	62 (45.7-80.1)	34 (27-41)	77 (62.5-95)	2 (2-3)	81.9 (61.9-104)	0 (0-0)	49 (27.9-73.7)	4 (3-5)	60 (48-74)	4 (3-5)	0 (0-0)
Alagoas	4 (4-6)	-24.1 (-34.3--12.6)	68 (58-82)	-8.7 (-20.4-5)	3 (2-4)	-6 (-19.1-8.7)	0 (0-0)	-20.8 (-34.9--3.2)	3 (3-4)	62 (49-79)	3 (2-4)	0 (0-0)
Amapá	1 (1-1)	55 (34-79.7)	14 (10-18)	72.5 (54-92.5)	1 (1-1)	60.1 (38.7-84.8)	0 (0-0)	37.7 (12.1-65.8)	1 (1-2)	24 (16-33)	1 (1-2)	0 (0-0)
Amazonas	3 (2-3)	61.1 (45.2-78.5)	54 (43-67)	78.7 (62.1-97)	2 (2-3)	83.2 (63.8-105)	0 (0-0)	48.2 (20.9-73.7)	4 (3-6)	96 (75-125)	4 (3-6)	0 (0-0)
Bahia	51 (43-60)	62.9 (44.4-82.5)	896 (775-1,030)	82.4 (66-100)	38 (31-46)	94.5 (71.8-121)	2 (1-3)	71.6 (44.8-105)	83 (67-101)	1,630 (1,380-1,920)	74 (59-91)	4 (2-5)
Ceará	8 (6-10)	33.5 (21.4-44.3)	121 (97-150)	46.8 (34.6-58.8)	6 (5-8)	40.6 (26.5-54.9)	0 (0-1)	31.3 (13.2-52.8)	11 (8-14)	177 (142-220)	9 (7-11)	0 (0-1)
Distrito Federal	28 (24-32)	-18.8 (-27.2--9.6)	554 (493-620)	10.5 (1.6-20)	24 (20-28)	9.5 (-2.6-22.1)	1 (1-1)	-20.2 (-32.4--4.6)	23 (19-28)	613 (528-706)	26 (22-32)	1 (1-1)
Espírito Santo	21 (18-25)	10.3 (-3-25)	345 (299-391)	29.9 (19.1-40.9)	20 (16-23)	27 (11.2-44.2)	1 (1-1)	9 (-10.5-33)	23 (19-28)	448 (384-519)	25 (20-30)	1 (1-1)
Goiás	21 (18-24)	15.6 (2.7-29.3)	407 (360-458)	36 (24-48.4)	20 (16-23)	44.2 (27.7-62.2)	1 (1-1)	11.1 (-8.2-38.2)	24 (19-29)	553 (472-643)	28 (23-34)	1 (1-1)
Maranhão	24 (20-29)	21.6 (8.1-39.6)	271 (229-320)	57 (41.8-73.9)	15 (12-19)	44.5 (26.7-66.5)	1 (1-2)	32.4 (11.1-57.4)	29 (23-38)	425 (349-522)	22 (17-29)	2 (1-2)
Mato Grosso	5 (4-6)	30.6 (19.1-43)	102 (85-121)	41.2 (29.5-53.5)	5 (4-6)	53.4 (37.9-70.1)	0 (0-0)	23.1 (7.5-45.5)	6 (5-8)	145 (118-176)	7 (6-9)	0 (0-0)
Mato Grosso do Sul	4 (3-5)	27 (13.2-41.9)	88 (74-105)	40.1 (27.4-52.5)	4 (3-5)	51.2 (34.1-71)	0 (0-0)	20.1 (0.4-44.9)	5 (4-7)	123 (100-150)	6 (4-7)	0 (0-0)
Minas Gerais	84 (71-99)	-0.9 (-11.2-12)	1,480 (1,310-1,670)	13.6 (4.2-24.2)	83 (69-98)	13.6 (1.6-28.1)	5 (3-6)	-5.1 (-20.1-16.8)	83 (68-101)	1,680 (1,430-1,950)	94 (77-113)	4 (3-6)
Pará	12 (10-14)	18.5 (4.3-34.3)	212 (184-244)	41.8 (26.4-56.6)	11 (9-14)	27.5 (11.5-46.1)	1 (0-1)	12.3 (-6.4-34.6)	14 (11-18)	301 (244-361)	14 (11-18)	1 (0-1)
Paraíba	4 (3-5)	35.9 (20.3-50.1)	65 (52-80)	50 (34.4-64.2)	3 (2-4)	48.1 (30.4-64.6)	0 (0-0)	38.5 (13.6-64.1)	6 (4-7)	97 (76-124)	5 (3-6)	0 (0-0)
Paraná	9 (7-10)	26.1 (13.4-40.9)	193 (163-227)	35.8 (24-49)	8 (7-10)	52.2 (36.6-72.4)	0 (0-0)	17.4 (-0.7-40)	11 (8-13)	263 (214-316)	12 (10-15)	0 (0-1)
Pernambuco	7 (6-9)	24 (11-39.8)	123 (100-150)	44.1 (32.8-57.3)	5 (4-7)	56.7 (40.6-76.9)	0 (0-0)	30.8 (8.4-55.6)	9 (7-12)	177 (141-220)	8 (6-11)	0 (0-1)
Piauí	21 (18-24)	3.3 (-8.4-15.8)	324 (281-369)	19 (8.5-29.6)	14 (12-17)	18.3 (3.5-33.8)	1 (1-1)	10.4 (-8.7-33.4)	22 (18-26)	385 (326-449)	17 (14-21)	1 (1-1)
Rio de Janeiro	86 (75-98)	-11 (-21--0.3)	1,730 (1,560-1,940)	0.7 (-8-9)	88 (76-102)	6.3 (-5.7-18.3)	5 (4-8)	-9.1 (-25.3-10.7)	76 (64-90)	1,750 (1,510-2,010)	93 (78-111)	5 (3-7)
Rio Grande do Norte	4 (3-5)	21.6 (7.8-38.8)	62 (50-77)	34.2 (19.9-51.1)	3 (2-4)	41 (24-63)	0 (0-0)	24.1 (3.6-46.2)	5 (4-7)	83 (64-109)	4 (3-6)	0 (0-0)
Rio Grande do Sul	9 (7-11)	13.7 (2.2-27.5)	221 (187-258)	25.8 (15.3-38.4)	10 (8-12)	34.7 (21.4-51.3)	0 (0-0)	5.3 (-12.1-25.3)	10 (8-13)	278 (228-337)	13 (10-16)	0 (0-1)
Rondônia	5 (4-6)	9.6 (-3.2-23.9)	87 (72-104)	20.9 (10.3-32.7)	5 (4-7)	19.1 (4.7-33.8)	0 (0-0)	1.5 (-16.8-21.7)	6 (4-7)	105 (86-127)	6 (5-8)	0 (0-0)
Roraima	3 (2-4)	19.1 (4.7-34.2)	40 (34-48)	50.9 (37-65.1)	2 (2-3)	42.6 (23-63.2)	0 (0-0)	15.7 (-5.5-40.6)	4 (3-4)	60 (49-74)	3 (2-4)	0 (0-0)
Santa Catarina	3 (2-3)	16.6 (5.3-29.6)	66 (53-82)	24.8 (13-37.3)	3 (2-3)	34.3 (20.3-52.3)	0 (0-0)	9.1 (-8-30.6)	3 (2-4)	83 (64-105)	4 (3-5)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
São Paulo	154 (132-178)	7.5 (-3.2-19.6)	3,550 (3,120-3,990)	24.2 (14.4-33.9)	152 (128-179)	34.3 (20.2-49.8)	5 (3-7)	6.5 (-10.3-27.5)	166 (136-200)	4,410 (3,790-5,100)	204 (169-245)	5 (3-8)
Sergipe	6 (5-7)	8.4 (-5.5-22)	107 (89-126)	23.3 (10.2-36.3)	5 (4-6)	25.9 (8.5-43.3)	0 (0-0)	5.7 (-11.9-25.3)	7 (5-8)	132 (106-162)	7 (5-8)	0 (0-0)
Tocantins	10 (8-12)	26.3 (14.1-40.6)	151 (129-176)	55.6 (44.5-69.2)	8 (6-9)	55.7 (40-75.9)	0 (0-1)	25.1 (6.2-46.8)	12 (10-15)	235 (199-272)	12 (9-14)	1 (0-1)
Paraguay	32 (23-44)	-0.2 (-9.4-9)	569 (434-729)	15.7 (6.2-25.4)	27 (18-38)	13.7 (2.1-27.4)	2 (1-3)	-0.9 (-14.8-16.8)	32 (23-44)	658 (501-853)	30 (21-42)	2 (1-3)
North Africa and Middle East	25,700 (22,600-29,500)	-38.7 (-43.4--34.4)	663,000 (586,000-747,000)	-16.3 (-22.9--10.1)	9,940 (8,540-11,700)	2.1 (-7.4-11.3)	593 (407-830)	-21.2 (-28.4--14)	15,800 (12,900-18,800)	555,000 (457,000-660,000)	10,100 (8,220-12,500)	467 (314-679)
North Africa and Middle East	25,700 (22,600-29,500)	-38.7 (-43.4--34.4)	663,000 (586,000-747,000)	-16.3 (-22.9--10.1)	9,940 (8,540-11,700)	2.1 (-7.4-11.3)	593 (407-830)	-21.2 (-28.4--14)	15,800 (12,900-18,800)	555,000 (457,000-660,000)	10,100 (8,220-12,500)	467 (314-679)
Afghanistan	938 (701-1,210)	70.4 (57.5-83.3)	14,900 (11,200-19,200)	106 (91.1-122)	234 (173-319)	129 (110-151)	29 (17-46)	79.7 (55.7-108)	1,600 (1,210-2,060)	30,700 (23,100-39,700)	536 (395-715)	53 (32-83)
Algeria	86 (68-105)	21.5 (13.7-31.5)	2,780 (2,210-3,340)	23.2 (15.3-32.2)	42 (32-52)	58.3 (45.6-72.6)	2 (1-3)	31.2 (16.5-48.3)	105 (83-128)	3,430 (2,750-4,160)	67 (52-83)	3 (2-4)
Bahrain	155 (124-189)	-25.5 (-37--16.7)	5,650 (4,590-6,920)	48.1 (26.8-65.3)	92 (71-118)	132 (89.7-168)	3 (2-5)	-20 (-35.4--5.5)	115 (90-146)	8,370 (6,620-10,500)	214 (161-278)	3 (2-4)
Egypt	2,580 (2,180-2,980)	6.9 (-0.9-15.2)	66,400 (56,200-76,500)	44.6 (34.2-55.4)	1,080 (896-1,290)	57 (44.9-70.1)	71 (48-101)	27 (12.6-44.3)	2,760 (2,340-3,160)	96,000 (81,600-110,000)	1,700 (1,420-1,990)	90 (61-132)
Iran (Islamic Republic of)	3,100 (2,360-3,920)	-41.7 (-42.9--40.3)	107,000 (82,200-136,000)	-28.5 (-30.3--26.4)	1,610 (1,190-2,120)	-0.4 (-7.3-6.3)	83 (54-122)	-30.8 (-33.5--27.6)	1,810 (1,380-2,310)	76,800 (59,400-96,700)	1,600 (1,190-2,090)	57 (38-84)
Alborz	114 (86-146)	-38.2 (-42.9--32.2)	3,210 (2,440-4,070)	-16.7 (-23.7--9.3)	46 (33-61)	23.1 (7.9-37.8)	2 (1-3)	-25.4 (-33.7--14.4)	71 (54-93)	2,670 (2,040-3,430)	56 (42-75)	2 (1-2)
Ardebil	58 (44-74)	-55.9 (-59.3--52)	1,980 (1,510-2,520)	-42.8 (-47.1--37.5)	28 (21-37)	-12.7 (-23.2--1)	2 (1-3)	-48.5 (-56.4--41.2)	26 (19-33)	1,140 (857-1,440)	24 (18-32)	1 (1-1)
Bushehr	43 (33-55)	-28.9 (-34.4--22.8)	1,410 (1,080-1,780)	-7.5 (-14.5-0.4)	20 (15-26)	24 (12-35.7)	1 (1-2)	-15.7 (-26.2--5.4)	31 (23-40)	1,300 (994-1,660)	24 (18-32)	1 (1-1)
Chahar Mahaal and Bakhtiari	43 (33-55)	-45.1 (-49.2--40.3)	1,440 (1,100-1,830)	-31.9 (-37.1--26.2)	19 (14-25)	0.6 (-9.9-11.9)	1 (1-2)	-36.6 (-45--27)	24 (18-30)	983 (748-1,250)	19 (14-25)	1 (0-1)
East Azarbaijejan	156 (119-200)	-49.6 (-53.5--44.8)	5,470 (4,220-6,900)	-34.8 (-39.6--28.6)	89 (66-119)	-10.4 (-19.9-1.6)	4 (3-6)	-34.6 (-43.1--26.2)	79 (59-100)	3,570 (2,750-4,500)	80 (59-104)	3 (2-4)
Fars	185 (140-241)	-44.3 (-49.3--39.6)	7,070 (5,360-9,090)	-33.4 (-39.1--27.7)	111 (82-150)	-5.2 (-17.2-5.9)	5 (3-8)	-35.6 (-44.2--26.4)	103 (77-133)	4,710 (3,580-6,000)	105 (77-139)	3 (2-5)
Gilan	84 (64-108)	-56.1 (-59.4--52.5)	3,600 (2,750-4,640)	-41.9 (-46.4--37.4)	58 (42-76)	-12.2 (-21.6--2.2)	2 (1-3)	-50.6 (-57.5--43.1)	37 (28-48)	2,090 (1,590-2,710)	50 (38-67)	1 (1-1)
Golestan	81 (61-104)	-41.8 (-46.7--36.5)	2,590 (1,980-3,300)	-27.7 (-33.7--21.2)	39 (28-52)	-0.3 (-10.5-13.7)	2 (2-3)	-28.9 (-38.1--17.9)	47 (36-60)	1,870 (1,430-2,370)	39 (29-51)	2 (1-2)
Hamadan	77 (59-99)	-57.6 (-61.3--54.1)	2,780 (2,140-3,530)	-46.6 (-50.9--42.4)	44 (33-59)	-22.8 (-31.6--14.2)	2 (1-3)	-49.3 (-55.1--41.9)	33 (25-42)	1,480 (1,130-1,900)	34 (25-44)	1 (1-2)
Hormozgan	70 (53-90)	-23.4 (-29.6--16.5)	2,070 (1,580-2,650)	-5.6 (-13.3-3.1)	30 (22-39)	25.3 (12.6-39.9)	2 (1-3)	-11.8 (-21.3-0.5)	54 (41-68)	1,960 (1,500-2,460)	37 (27-49)	2 (1-3)
Illam	26 (20-33)	-56.8 (-60.3--52.9)	893 (675-1,140)	-38.6 (-43.5--32.6)	13 (9-17)	-6.8 (-17.8-4.8)	1 (0-1)	-49.4 (-55.7--42)	11 (9-15)	548 (417-701)	12 (9-16)	0 (0-1)
Isfahan	153 (116-196)	-48.2 (-52--43.9)	6,750 (5,090-8,620)	-31.1 (-36.4--24.9)	102 (75-136)	-0.9 (-10.8-10.3)	4 (3-6)	-39.8 (-47.9--31.5)	79 (60-101)	4,660 (3,510-5,880)	101 (74-132)	2 (2-4)
Kerman	110 (84-144)	-26.9 (-33.1--21.6)	3,840 (2,910-4,930)	-15.2 (-22.2--8.6)	57 (41-76)	13.8 (1.1-27.5)	3 (2-5)	-14.9 (-24.8--1.3)	81 (61-104)	3,250 (2,500-4,110)	65 (48-85)	3 (2-4)
Kermanshah	86 (66-112)	-51.4 (-54.7--47.7)	3,150 (2,410-4,040)	-44 (-48.2--39.4)	50 (37-67)	-18.2 (-27.8--7.6)	2 (2-3)	-43.6 (-50--35.9)	42 (32-54)	1,770 (1,360-2,270)	41 (30-54)	1 (1-2)
Khorasan-e-Razavi	280 (212-360)	-38.3 (-42.7--32.4)	8,560 (6,540-10,900)	-25 (-30.5--18.4)	131 (96-175)	0.9 (-9.8-12.8)	8 (5-12)	-25.4 (-34.6--14)	173 (131-222)	6,420 (4,970-8,080)	132 (98-174)	6 (4-9)
Khuzestan	231 (174-295)	-41.6 (-46.5--36.4)	7,450 (5,650-9,520)	-31.6 (-37.3--25.8)	106 (77-142)	-6.7 (-16.8-3.8)	6 (4-9)	-31.4 (-40.4--20.7)	135 (102-174)	5,100 (3,900-6,500)	99 (73-131)	4 (3-6)
Kohgiluyeh and Boyer-Ahmad	40 (30-51)	-43.7 (-48.3--37.7)	1,080 (818-1,380)	-27.9 (-33.7--20.6)	16 (12-21)	-2.1 (-14.4-11.8)	1 (1-2)	-34 (-41.7--25.2)	23 (17-29)	779 (597-999)	16 (11-21)	1 (0-1)
Kurdistan	66 (50-84)	-45.4 (-49.5--40.8)	2,320 (1,770-2,960)	-34.2 (-38.9--28.9)	34 (26-46)	-4.3 (-15.4-6.7)	2 (1-3)	-37.5 (-45.8--26.7)	36 (27-46)	1,530 (1,170-1,930)	33 (24-43)	1 (1-2)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Lorestan	87 (66-113)	-55.4 (-58.3--52.1)	2,890 (2,200-3,700)	-43.3 (-47.4--39)	40 (29-54)	-13.9 (-23.3--4.7)	2 (2-4)	-48.3 (-54.8--39.7)	39 (30-50)	1,640 (1,280-2,090)	34 (26-45)	1 (1-2)
Markazi	50 (38-65)	-51.3 (-55.1--46.6)	2,050 (1,570-2,630)	-40 (-44.6--34.7)	32 (23-43)	-12.5 (-22--1.6)	1 (1-2)	-43.9 (-51.3--35.5)	24 (18-31)	1,230 (941-1,560)	28 (20-36)	1 (0-1)
Mazandaran	106 (81-137)	-50.4 (-54.4--46.9)	4,310 (3,310-5,470)	-32.9 (-38.4--28.3)	66 (48-88)	-0.5 (-10.7-10.3)	3 (2-4)	-42.9 (-50.9--35.2)	53 (40-67)	2,890 (2,210-3,630)	66 (49-85)	1 (1-2)
North Khorasan	49 (37-62)	-57.2 (-60.7--53.4)	1,240 (943-1,570)	-35.6 (-40.6--29.8)	19 (14-26)	-13.9 (-22.3--4.2)	1 (1-2)	-47.1 (-54.3--40.6)	21 (16-27)	799 (604-1,020)	17 (12-22)	1 (0-1)
Qazvin	45 (33-57)	-42.4 (-46.6--37.6)	1,770 (1,330-2,280)	-32.8 (-38.2--27.1)	25 (18-34)	1 (-11.7-13.1)	1 (1-2)	-34.6 (-42.6--27.2)	26 (20-33)	1,190 (910-1,510)	26 (19-34)	1 (1-1)
Qom	40 (31-52)	-26.2 (-33.1--20.1)	1,530 (1,180-1,940)	-13.9 (-21.3--7.4)	21 (16-29)	18.9 (6.1-32.1)	1 (1-2)	-15.7 (-25.6--5.2)	30 (22-38)	1,310 (1,010-1,650)	25 (18-34)	1 (1-1)
Semnan	20 (15-25)	-25.5 (-32.8--18.6)	843 (650-1,070)	-17.7 (-25.4--9.8)	13 (9-17)	12 (-1.3-25.5)	1 (0-1)	-19.4 (-30--6.4)	15 (11-19)	694 (533-891)	14 (11-19)	0 (0-1)
Sistan and Baluchistan	174 (131-221)	-26.2 (-32--19.2)	3,710 (2,830-4,710)	-8.8 (-15.7--0.2)	53 (38-71)	9 (-1.7-21.8)	5 (3-8)	-10 (-22.9-4.2)	128 (97-168)	3,380 (2,560-4,370)	57 (42-77)	5 (3-7)
South Khorasan	34 (26-44)	-39.1 (-45.3--33.4)	998 (767-1,280)	-20.1 (-27.5--12.8)	14 (11-19)	5.9 (-7.9-20.2)	1 (1-2)	-28.2 (-40.1--13.3)	21 (16-27)	798 (615-1,010)	15 (11-20)	1 (0-1)
Tehran	374 (288-476)	-37.2 (-42.6--32)	15,100 (11,700-19,000)	-22.3 (-28.7--15.8)	224 (166-296)	8.5 (-2.7-21.3)	7 (5-10)	-23.9 (-33.8--12.3)	235 (177-299)	11,800 (9,050-14,900)	243 (181-319)	5 (4-8)
West Azarbayejan	131 (100-166)	-34.6 (-40--28.7)	4,330 (3,310-5,500)	-25.4 (-31.2--18.7)	67 (50-90)	-1.4 (-10.9-10.9)	4 (2-6)	-20.6 (-31.8--8.4)	85 (65-109)	3,230 (2,450-4,050)	66 (49-86)	3 (2-4)
Yazd	38 (29-49)	-33.2 (-38.6--26.6)	1,370 (1,050-1,740)	-19.3 (-25.5--11.2)	20 (15-26)	6.4 (-5.7-18)	1 (1-1)	-19.3 (-30.3--7.3)	26 (20-33)	1,110 (847-1,410)	21 (16-28)	1 (0-1)
Zanjan	42 (32-54)	-49.4 (-53.1--45.7)	1,520 (1,160-1,960)	-37.5 (-41.7--32.9)	21 (16-28)	-5.9 (-15.9-4.1)	1 (1-2)	-40.2 (-47.8--30.8)	21 (16-27)	948 (722-1,200)	20 (15-26)	1 (0-1)
Iraq	986 (825-1,160)	-0.7 (-7.4-6.9)	21,400 (18,200-25,000)	48.4 (38.8-59.7)	303 (250-367)	84.8 (70.7-101)	26 (18-36)	3.2 (-8.1-16.9)	979 (834-1,150)	31,800 (27,200-36,800)	559 (470-665)	27 (18-37)
Jordan	112 (86-146)	79.3 (66.1-94.2)	2,980 (2,270-3,820)	149 (130-169)	37 (28-50)	225 (195-255)	2 (2-4)	87.4 (64.7-111)	201 (153-258)	7,410 (5,700-9,570)	122 (91-161)	5 (3-7)
Kuwait	17 (13-22)	49.5 (36.6-61.6)	622 (481-775)	119 (100-136)	10 (7-13)	195 (164-225)	0 (0-0)	53.8 (35.3-71.8)	26 (20-32)	1,360 (1,060-1,700)	29 (22-38)	1 (0-1)
Lebanon	67 (54-83)	3.7 (-3.5-11.5)	1,670 (1,330-2,060)	34.3 (25.3-44.7)	29 (23-37)	56.5 (44.1-69.6)	2 (1-2)	17.6 (5.1-33.5)	69 (55-85)	2,240 (1,800-2,750)	46 (36-56)	2 (1-3)
Libya	285 (223-361)	-37.4 (-42.6--31.6)	8,860 (6,970-11,300)	13.7 (4.2-23.6)	128 (98-167)	73.6 (56.1-94.2)	8 (5-12)	-33.5 (-40.9--23.5)	178 (138-225)	10,100 (7,870-12,600)	222 (170-289)	6 (4-8)
Morocco	118 (92-145)	-31.4 (-35.9--26.2)	3,030 (2,370-3,700)	8.1 (1-16.4)	50 (38-62)	36.8 (26.7-48.6)	3 (2-4)	-19.9 (-29.2--9.7)	81 (63-99)	3,280 (2,580-3,960)	68 (52-84)	2 (2-3)
Oman	194 (165-221)	34.9 (17.8-51.4)	5,620 (4,790-6,440)	97.6 (73.2-122)	82 (68-97)	160 (122-200)	4 (3-6)	64.7 (35.8-91.9)	261 (208-313)	11,100 (8,750-13,300)	213 (165-266)	7 (5-10)
Palestine	99 (75-129)	-3.5 (-12.7-4.3)	1,960 (1,490-2,530)	57.3 (43.8-69.9)	23 (17-30)	92.6 (72.8-111)	2 (2-3)	9.6 (-4.5-24.5)	96 (73-124)	3,080 (2,340-3,960)	44 (32-58)	3 (2-4)
Qatar	10 (7-12)	142 (123-161)	374 (285-485)	401 (363-445)	7 (5-9)	461 (406-519)	0 (0-0)	188 (151-227)	23 (18-29)	1,880 (1,430-2,360)	38 (28-51)	1 (0-1)
Saudi Arabia	7,660 (7,120-8,200)	-79.3 (-83--75.3)	255,000 (239,000-273,000)	-58.8 (-66--51.1)	3,830 (3,400-4,300)	-49.1 (-59.7--37.3)	117 (78-165)	-79 (-83.5--74.2)	1,590 (1,290-1,920)	105,000 (85,500-127,000)	1,950 (1,520-2,450)	25 (16-36)
Sudan	8,540 (7,080-10,200)	-37 (-44.8--29.6)	141,000 (118,000-167,000)	-0.3 (-12.4-11.6)	2,030 (1,630-2,540)	12.3 (-2.1-27.2)	220 (143-320)	-22.1 (-35.1--8)	5,380 (4,340-6,620)	141,000 (113,000-173,000)	2,280 (1,780-2,890)	171 (109-261)
Syrian Arab Republic	56 (43-69)	-59.7 (-62.2--56.8)	1,370 (1,080-1,680)	-30.7 (-35.2--25.5)	19 (14-24)	2.6 (-6.1-13.7)	2 (1-2)	-58.4 (-62.9--53.4)	22 (18-28)	951 (749-1,160)	20 (15-24)	1 (0-1)
Tunisia	177 (137-228)	-24.7 (-31.3--18.3)	6,070 (4,710-7,800)	0.9 (-7.4-9.9)	94 (71-124)	36.3 (23.6-51.2)	4 (3-6)	-13.4 (-24.7--2.6)	133 (103-169)	6,130 (4,770-7,650)	128 (97-165)	4 (2-5)
Türkiye	373 (324-427)	-52.7 (-56.7--48.4)	12,300 (10,700-13,900)	-25.7 (-32--19)	196 (165-232)	0.9 (-8.6-12.1)	10 (7-13)	-50 (-56.9--41.6)	176 (150-206)	9,120 (7,900-10,600)	198 (165-237)	5 (3-7)
United Arab Emirates	13 (11-15)	-4.2 (-10.3-2.5)	619 (510-721)	136 (118-156)	10 (8-13)	284 (240-333)	0 (0-0)	66.1 (50.1-88)	12 (10-14)	1,460 (1,190-1,710)	40 (32-49)	0 (0-1)
Yemen	122 (98-147)	7.5 (0.3-14.8)	2,040 (1,650-2,460)	67.3 (57.1-77.6)	30 (24-38)	92.1 (77.9-109)	3 (2-5)	26.7 (8.1-45.5)	132 (106-158)	3,420 (2,790-4,090)	58 (46-72)	4 (3-6)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
South Asia	92,200 (63,900-128,000)	-14.9 (-17.2--12.2)	1,110,000 (825,000-1,500,000)	6.4 (3.2-9.8)	76,800 (52,900-109,000)	11.4 (7-16.7)	14,800 (8,620-23,400)	-15.4 (-19.8--10.7)	78,400 (54,600-109,000)	1,190,000 (881,000-1,580,000)	85,600 (59,600-119,000)	12,500 (7,410-19,900)
South Asia	92,200 (63,900-128,000)	-14.9 (-17.2--12.2)	1,110,000 (825,000-1,500,000)	6.4 (3.2-9.8)	76,800 (52,900-109,000)	11.4 (7-16.7)	14,800 (8,620-23,400)	-15.4 (-19.8--10.7)	78,400 (54,600-109,000)	1,190,000 (881,000-1,580,000)	85,600 (59,600-119,000)	12,500 (7,410-19,900)
Bangladesh	24 (17-34)	-26.2 (-45.1--17.4)	308 (213-433)	-12.6 (-34--1.7)	21 (15-30)	-8.2 (-31.7-1.7)	4 (2-7)	-24.5 (-47.3--8.7)	18 (12-25)	269 (184-379)	20 (14-27)	3 (2-5)
Bhutan	0 (0-0)	-32.6 (-45.5--27.9)	1 (1-2)	-17.3 (-32.4--10.2)	0 (0-0)	-12.8 (-28.3--7.1)	0 (0-0)	-25.6 (-39.5--12.4)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
India	92,100 (63,900-128,000)	-14.9 (-17.2--12.2)	1,110,000 (825,000-1,500,000)	6.4 (3.2-9.8)	76,700 (52,800-109,000)	11.4 (7-16.7)	14,800 (8,620-23,400)	-15.4 (-19.8--10.7)	78,400 (54,500-109,000)	1,180,000 (880,000-1,580,000)	85,500 (59,500-119,000)	12,500 (7,400-19,800)
Nepal	19 (15-23)	-24.3 (-32.5--15.1)	212 (171-256)	-1.2 (-11.5-10.2)	12 (10-16)	7.5 (-5.2-22.5)	3 (2-4)	-17.8 (-34.1-1.3)	14 (12-18)	209 (170-254)	14 (11-17)	2 (1-3)
Pakistan	4 (1-8)	12.7 (10.4-13.1)	41 (10-82)	43.1 (37.5-48)	3 (1-5)	54.8 (51-59.1)	0 (0-1)	22.1 (12.8-32.1)	5 (1-10)	59 (15-119)	4 (1-8)	1 (0-1)
Azad Jammu & Kashmir	0 (0-0)	-10.9 (-10.8--10.8)	1 (0-2)	13 (6.4-19.3)	0 (0-0)	22.7 (17.9-28.3)	0 (0-0)	-4.2 (-17.9-11.5)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Balochistan	0 (0-0)	85.1 (85.4-85.4)	2 (1-4)	107 (95.1-115)	0 (0-0)	117 (109-123)	0 (0-0)	91.7 (67-127)	0 (0-1)	4 (1-9)	0 (0-1)	0 (0-0)
Gilgit-Baltistan	0 (0-0)	87.4 (87.6-87.6)	0 (0-1)	107 (98.9-116)	0 (0-0)	114 (109-119)	0 (0-0)	97.2 (72.5-134)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Islamabad Capital Territory	0 (0-0)	91.4 (92.1-92.1)	0 (0-1)	132 (123-142)	0 (0-0)	148 (141-159)	0 (0-0)	105 (78.9-135)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Khyber Pakhtunkhwa	1 (0-1)	61.1 (61.5-61.5)	7 (2-13)	80.6 (72.6-87.1)	0 (0-1)	88.8 (85-93.2)	0 (0-0)	72.8 (50.9-95.5)	1 (0-2)	12 (3-24)	1 (0-1)	0 (0-0)
Punjab	2 (1-4)	-6.7 (-6.5--6.5)	22 (5-43)	25.4 (17.9-31.9)	1 (0-3)	39.2 (34.9-44.4)	0 (0-1)	2.3 (-9.1-17.5)	2 (1-4)	27 (7-55)	2 (0-4)	0 (0-1)
Sindh	1 (0-2)	7 (7.2-7.2)	9 (2-18)	41.2 (32.7-48.9)	1 (0-1)	54.2 (48.9-59.2)	0 (0-0)	20.2 (4.3-39.6)	1 (0-2)	13 (3-26)	1 (0-2)	0 (0-0)
Southeast Asia, East Asia, and Oceania	630 (467-821)	-11.2 (-12.7--9.6)	23,700 (17,700-30,400)	-9.9 (-12.2--7.4)	696 (504-926)	-0.8 (-6.2-4.7)	31 (21-45)	-8.3 (-12--4.2)	559 (419-726)	21,400 (16,200-27,200)	691 (519-901)	29 (19-41)
East Asia	626 (464-819)	-11.2 (-12.7--9.6)	23,600 (17,600-30,300)	-9.9 (-12.2--7.3)	693 (503-923)	-0.8 (-6.2-4.7)	31 (20-45)	-8.3 (-12.1--4.1)	556 (414-724)	21,300 (16,100-27,200)	688 (514-899)	29 (19-41)
China	596 (442-779)	-9.7 (-11.4--8)	22,800 (17,000-29,300)	-10.3 (-12.5--7.8)	672 (487-893)	-1.1 (-6.4-4.3)	30 (20-43)	-7.3 (-11.2--3)	538 (400-701)	20,500 (15,500-26,100)	664 (495-868)	28 (18-40)
Democratic People's Republic of Korea	22 (16-29)	-44.4 (-49.7--39.8)	457 (343-595)	-11.5 (-19.5--4.1)	12 (9-17)	4.9 (-5.6-15)	1 (1-1)	-38.6 (-46.9--26.5)	12 (9-16)	404 (304-528)	13 (10-17)	1 (0-1)
Taiwan (Province of China)	9 (6-11)	-28.4 (-36.8--17.8)	368 (279-473)	12.9 (-2.3-31.3)	10 (7-13)	16.3 (0.4-35.9)	0 (0-0)	-20.1 (-32.2--4.8)	6 (5-8)	416 (342-500)	11 (9-14)	0 (0-0)
Oceania	0 (0-0)	50.4 (49.8-60.8)	1 (0-4)	55.4 (49.7-67.9)	0 (0-0)	62.1 (57.1-77.9)	0 (0-0)	59.5 (36.8-86.1)	0 (0-0)	2 (0-6)	0 (0-0)	0 (0-0)
American Samoa	0 (0-0)	-37.8 (-37.8--37.6)	0 (0-0)	-18.6 (-20.7--17.1)	0 (0-0)	-9.7 (-13.4--6)	0 (0-0)	-38.3 (-44--29)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Cook Islands	0 (0-0)	-37.7 (-65.9--35.9)	0 (0-0)	-25.9 (-62.7--21.5)	0 (0-0)	-18.9 (-57--12.3)	0 (0-0)	-38.9 (-67.3--29.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Fiji	0 (0-0)	-6.7 (-6.7--6.7)	0 (0-0)	0.2 (-2.5-2.9)	0 (0-0)	2.8 (-0.1-5.2)	0 (0-0)	-0.6 (-13.2-12.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Guam	0 (0-0)	-9.4 (-9.4--9.2)	0 (0-0)	-4.5 (-6.3--2.3)	0 (0-0)	-0.8 (-3.3-2.2)	0 (0-0)	-12.1 (-20.7--1.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Kiribati	0 (0-0)	22.4 (18.4-1500)	0 (0-0)	32.8 (24.6-1490)	0 (0-0)	39.8 (31-1650)	0 (0-0)	26.4 (6.4-1270)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Marshall Islands	0 (0-0)	-18.9 (-19.9--19.9)	0 (0-0)	-8.2 (-12--6.5)	0 (0-0)	1.3 (-4.1-5.2)	0 (0-0)	-14.5 (-25.7-1.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Micronesia (Federated States of)	0 (0-0)	-36.2 (-36.3--36.2)	0 (0-0)	-24 (-26.4--22)	0 (0-0)	-12.9 (-16.4--9.6)	0 (0-0)	-36.2 (-43.8--27)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Nauru	0 (0-0)	-29.1 (-94.6--27.4)	0 (0-0)	-7.3 (-92.5--2.5)	0 (0-0)	-2.2 (-92.6-2.1)	0 (0-0)	-20.8 (-93.6--4.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Niue	0 (0-0)	-33.7 (-33.7--33.7)	0 (0-0)	-23.6 (-25.8--21.8)	0 (0-0)	-17.1 (-18.9--15.2)	0 (0-0)	-31.4 (-40.7--20)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Northern Mariana Islands	0 (0-0)	-81.1 (-81.1--81)	0 (0-0)	-61.1 (-62.6--55.7)	0 (0-0)	-56.5 (-61.7--49.7)	0 (0-0)	-73.8 (-77.3--70.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Palau	0 (0-0)	-54.2 (-54.8--54.7)	0 (0-0)	-32.3 (-35.2--30.2)	0 (0-0)	-25.8 (-29.6--22.3)	0 (0-0)	-48.9 (-55.8--36.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Papua New Guinea	0 (0-0)	68.6 (68.7-68.8)	1 (0-3)	75.8 (68-82.2)	0 (0-0)	81.7 (75.4-86.8)	0 (0-0)	74.8 (44.1-107)	0 (0-0)	1 (0-4)	0 (0-0)	0 (0-0)
Samoa	0 (0-0)	32.2 (32.2-32.3)	0 (0-0)	19.4 (15.5-22.1)	0 (0-0)	23 (19-26)	0 (0-0)	15.1 (1.4-29.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Solomon Islands	0 (0-0)	10.5 (10.5-10.5)	0 (0-0)	39.7 (35.8-42.9)	0 (0-0)	48 (44.1-52.1)	0 (0-0)	22.9 (9.4-41.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tokelau	0 (0-0)	-30.8 (-30.6--30.6)	0 (0-0)	-20.1 (-21.6--17.8)	0 (0-0)	-13.6 (-16--10.6)	0 (0-0)	-21.6 (-32.9--11.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tonga	0 (0-0)	-14.5 (-14.5--14.4)	0 (0-0)	-7.5 (-10.2--5.9)	0 (0-0)	-2.7 (-6.2-0)	0 (0-0)	-12.6 (-24.3--0.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tuvalu	0 (0-0)	-5.5 (-5.5--5.5)	0 (0-0)	15.5 (11-20.1)	0 (0-0)	27.2 (23.4-33.4)	0 (0-0)	-8 (-20.3-9.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Vanuatu	0 (0-0)	17.6 (17.4-17.6)	0 (0-0)	46.3 (42.3-49.6)	0 (0-0)	54.6 (50.2-58.1)	0 (0-0)	24.3 (9.6-42.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Southeast Asia	4 (0-11)	-13.2 (-14.3--3.1)	84 (4-231)	4.6 (1.7-16.2)	3 (0-8)	15.3 (11.2-25.1)	0 (0-1)	-8.3 (-12-1.6)	3 (0-9)	87 (4-237)	3 (0-9)	0 (0-1)
Cambodia	0 (0-0)	-1.4 (-3.4-82.1)	2 (0-6)	12.3 (5.2-112)	0 (0-0)	24.9 (16.2-126)	0 (0-0)	3.7 (-9.3-64.8)	0 (0-0)	2 (0-6)	0 (0-0)	0 (0-0)
Indonesia	2 (0-4)	-23 (-23.1--21.9)	36 (1-97)	2.1 (0.2-4)	1 (0-3)	12.7 (9.8-16.2)	0 (0-0)	-16.3 (-19.8--12.8)	1 (0-3)	36 (1-100)	1 (0-4)	0 (0-0)
Aceh	0 (0-0)	-20.7 (-20.7--20.7)	1 (0-2)	5 (1.8-8.8)	0 (0-0)	14.8 (11.5-18.5)	0 (0-0)	-12.7 (-23.8--3.1)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Bali	0 (0-0)	-29.3 (-29.3--29.3)	1 (0-1)	3.4 (-0.2-7.3)	0 (0-0)	13.8 (10.3-17.7)	0 (0-0)	-22.3 (-33.3--12)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Bangka-Belitung Islands	0 (0-0)	-18.4 (-18.4--18.4)	0 (0-0)	9.1 (4.7-13)	0 (0-0)	20.8 (15.4-27.1)	0 (0-0)	-11.3 (-22.6--0.1)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Banten	0 (0-0)	-31 (-31--31)	2 (0-5)	-12.9 (-16.6--10)	0 (0-0)	-5.1 (-8--1.7)	0 (0-0)	-25.3 (-35--10.2)	0 (0-0)	2 (0-4)	0 (0-0)	0 (0-0)
Bengkulu	0 (0-0)	-22.5 (-23.1--23.1)	0 (0-1)	1 (-3.4-6.5)	0 (0-0)	10.5 (6.3-14.3)	0 (0-0)	-14.9 (-27.5-1.8)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Gorontalo	0 (0-0)	8.1 (8.1-8.1)	0 (0-0)	51.6 (45.3-58.7)	0 (0-0)	66.7 (61.8-71.8)	0 (0-0)	8.9 (-6.7-26.1)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Jakarta	0 (0-0)	-39.5 (-39.6--39.6)	2 (0-5)	-17.3 (-20.5--14.9)	0 (0-0)	-8.9 (-13.7--4.4)	0 (0-0)	-28.2 (-36--17.4)	0 (0-0)	1 (0-4)	0 (0-0)	0 (0-0)
Jambi	0 (0-0)	-15.7 (-15.7--15.7)	0 (0-1)	10.5 (7.2-14.1)	0 (0-0)	21.6 (17.8-25.7)	0 (0-0)	-9.7 (-20-0.7)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
West Java	0 (0-1)	-12 (-12--12)	6 (0-16)	19.7 (15.3-23.5)	0 (0-1)	32.8 (28.8-37.5)	0 (0-0)	-5.5 (-15.7-9.2)	0 (0-1)	7 (0-20)	0 (0-1)	0 (0-0)
Central Java	0 (0-1)	-36.1 (-36.1--36.1)	5 (0-14)	-14.5 (-17.3--11.7)	0 (0-0)	-3.9 (-6.9--0.7)	0 (0-0)	-33.1 (-41.4--24.5)	0 (0-0)	4 (0-12)	0 (0-0)	0 (0-0)
East Java	0 (0-1)	-36.1 (-36.1--36.1)	5 (0-15)	-13.4 (-15.9--10.8)	0 (0-1)	-4.8 (-7.2--1.7)	0 (0-0)	-32.4 (-40.3--23.3)	0 (0-0)	5 (0-13)	0 (0-1)	0 (0-0)
West Kalimantan	0 (0-0)	-21.1 (-21.1--21.1)	1 (0-2)	5.2 (0.8-8.9)	0 (0-0)	14.8 (11.5-18.4)	0 (0-0)	-14.4 (-25--2.3)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
South Kalimantan	0 (0-0)	-24.1 (-24.1--24.1)	1 (0-1)	4.3 (-0.5-8.3)	0 (0-0)	14.1 (11.4-17.7)	0 (0-0)	-16.7 (-26.7--5.5)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Central Kalimantan	0 (0-0)	-17 (-17--17)	0 (0-1)	11.1 (6.6-14.7)	0 (0-0)	22.7 (18.8-27.9)	0 (0-0)	-9.1 (-19.3-2.5)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
East Kalimantan	0 (0-0)	-2.1 (-2.1--2.1)	0 (0-1)	32 (27.5-35.8)	0 (0-0)	40.1 (35.9-44.4)	0 (0-0)	11.8 (-1.2-32)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
North Kalimantan	0 (0-0)	11.9 (9.8-9.8)	0 (0-0)	67.3 (58.2-71.4)	0 (0-0)	87.8 (78-93.9)	0 (0-0)	20.9 (4.1-37.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Riau Islands	0 (0-0)	-16.8 (-16.8--16.8)	0 (0-1)	7.6 (3.5-12.1)	0 (0-0)	14.7 (6.5-23.3)	0 (0-0)	4.2 (-12.1-22.1)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Lampung	0 (0-0)	-32.8 (-32.8--32.8)	1 (0-3)	-9.7 (-13--6.9)	0 (0-0)	1.8 (-2-5.9)	0 (0-0)	-28.7 (-36.8--19.7)	0 (0-0)	1 (0-3)	0 (0-0)	0 (0-0)
Maluku	0 (0-0)	-22.9 (-22.3--22.3)	0 (0-1)	9.4 (3.7-14.1)	0 (0-0)	18 (15.2-21.6)	0 (0-0)	-12.9 (-27.6-1)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
North Maluku	0 (0-0)	-22 (-21.5--21.5)	0 (0-0)	8.6 (3.9-13.3)	0 (0-0)	19.6 (16.5-24.4)	0 (0-0)	-15 (-27.9-2.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
West Nusa Tenggara	0 (0-0)	-17.2 (-17.8--17.8)	1 (0-2)	6.3 (1.1-11.4)	0 (0-0)	16 (11.6-20.4)	0 (0-0)	-10 (-22.3-6.3)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
East Nusa Tenggara	0 (0-0)	-12.3 (-12.2--12.2)	1 (0-2)	21.8 (17.1-25.5)	0 (0-0)	32.1 (28.7-35.9)	0 (0-0)	-5.4 (-17.1-11.3)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Papua	0 (0-0)	59.6 (59.6-59.6)	0 (0-1)	109 (99.5-117)	0 (0-0)	123 (119-129)	0 (0-0)	71.9 (45.4-100)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
West Papua	0 (0-0)	-19 (-19.1--19.1)	0 (0-0)	2.8 (-1.1-6.8)	0 (0-0)	12.4 (8.4-16.6)	0 (0-0)	-10.8 (-23.5-3.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Riau	0 (0-0)	47.8 (47.8-47.8)	1 (0-2)	96.6 (89.9-103)	0 (0-0)	114 (107-121)	0 (0-0)	62.9 (44.6-88.9)	0 (0-0)	1 (0-4)	0 (0-0)	0 (0-0)
West Sulawesi	0 (0-0)	-6.8 (-6.8--6.8)	0 (0-0)	33.7 (27.8-39.2)	0 (0-0)	48.1 (44.2-52.1)	0 (0-0)	1 (-13.5-18.1)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
South Sulawesi	0 (0-0)	-29.8 (-29.8--29.8)	1 (0-3)	-2.1 (-6.2-1.8)	0 (0-0)	9.4 (6.4-12.4)	0 (0-0)	-24.5 (-38.1--13.6)	0 (0-0)	1 (0-3)	0 (0-0)	0 (0-0)
Central Sulawesi	0 (0-0)	-20.5 (-20.6--20.6)	0 (0-1)	14.7 (10.4-18.8)	0 (0-0)	25.9 (22.8-29.3)	0 (0-0)	-12.6 (-23.9-3.1)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Southeast Sulawesi	0 (0-0)	-5.2 (-5.2--5.2)	0 (0-1)	26.4 (21.8-30.4)	0 (0-0)	38.1 (34.7-42.1)	0 (0-0)	3.4 (-8.1-20.1)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
North Sulawesi	0 (0-0)	-42.9 (-42.9--42.9)	0 (0-1)	-17.9 (-21--15)	0 (0-0)	-8.7 (-11.1--5.7)	0 (0-0)	-39.6 (-47.4--29.9)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
West Sumatra	0 (0-0)	-31.4 (-31.4--31.4)	1 (0-2)	-5.5 (-8.8--1.9)	0 (0-0)	3.8 (1.4-6.6)	0 (0-0)	-25.8 (-35.4--14.8)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
South Sumatra	0 (0-0)	-24.6 (-24.6--24.6)	1 (0-3)	0 (-3.5-3.6)	0 (0-0)	11 (6.8-15.7)	0 (0-0)	-18.1 (-28.1--8.2)	0 (0-0)	1 (0-3)	0 (0-0)	0 (0-0)
North Sumatra	0 (0-0)	-23.9 (-23.9--23.9)	2 (0-6)	-1 (-4.5-2.6)	0 (0-0)	8.7 (5.8-12)	0 (0-0)	-18.2 (-28--5.8)	0 (0-0)	2 (0-6)	0 (0-0)	0 (0-0)
Yogyakarta	0 (0-0)	-27.2 (-28--28)	0 (0-1)	-8.6 (-12.3--6.2)	0 (0-0)	1 (-3.3-4.1)	0 (0-0)	-23.3 (-33.8--11.6)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Lao People's Democratic Republic	0 (0-0)	-4.6 (-5.7--5.7)	1 (0-2)	14.8 (8.4-19.4)	0 (0-0)	28.2 (20.6-35)	0 (0-0)	1.6 (-12.2-21.7)	0 (0-0)	1 (0-3)	0 (0-0)	0 (0-0)
Malaysia	0 (0-0)	5.4 (5.4-5.6)	3 (0-12)	13.8 (10.9-17)	0 (0-0)	29.7 (25.5-34)	0 (0-0)	-4.1 (-13.9-5.8)	0 (0-0)	4 (0-13)	0 (0-0)	0 (0-0)
Maldives	0 (0-0)	16.4 (12.7-118)	0 (0-0)	45.6 (32.7-168)	0 (0-0)	93 (65.1-266)	0 (0-0)	15.9 (0.2-114)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Mauritius	0 (0-0)	-35.7 (-36.5--36)	0 (0-1)	-19.8 (-23--13.8)	0 (0-0)	-7.2 (-11.4--1.8)	0 (0-0)	-37.7 (-45.3--23.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Myanmar	0 (0-1)	-15.4 (-16.7-56.6)	6 (0-18)	2.2 (-3.9-97.8)	0 (0-1)	9.7 (4.7-103)	0 (0-0)	-9.2 (-27.4-58)	0 (0-1)	6 (0-18)	0 (0-1)	0 (0-0)
Philippines	1 (0-2)	13.8 (13.8-14.3)	15 (1-40)	28.6 (27-30.3)	0 (0-1)	37.7 (34.8-40.8)	0 (0-0)	16.2 (14-18.7)	1 (0-2)	19 (1-51)	1 (0-2)	0 (0-0)
Abra	0 (0-0)	-18.2 (-18.8--18.8)	0 (0-0)	2.6 (-1.5-4.5)	0 (0-0)	11.1 (7.6-13.9)	0 (0-0)	-11.6 (-22.5-6.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Agusan Del Norte	0 (0-0)	8.6 (8.6-8.6)	0 (0-0)	19.5 (15.3-23.3)	0 (0-0)	26.9 (22.9-30.4)	0 (0-0)	9.8 (-4.2-26.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Agusan Del Sur	0 (0-0)	-7.8 (-7.8--7.8)	0 (0-0)	15.5 (12-19)	0 (0-0)	22.9 (19.2-26.8)	0 (0-0)	0.6 (-11.1-15.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Aklan	0 (0-0)	19.7 (19.7-19.7)	0 (0-0)	24.3 (21.2-27)	0 (0-0)	32.5 (28.2-36.5)	0 (0-0)	18.4 (5.4-34)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Albay	0 (0-0)	5.1 (5.1-5.1)	0 (0-1)	14.6 (11.1-17.6)	0 (0-0)	23.7 (19.9-27.5)	0 (0-0)	3.8 (-9.4-15.3)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Antique	0 (0-0)	4.4 (4.4-4.4)	0 (0-0)	18.9 (15.2-22.2)	0 (0-0)	25.6 (22.4-28.9)	0 (0-0)	4.8 (-6.4-21.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Apayao	0 (0-0)	-23.2 (-23.1--23.1)	0 (0-0)	7.9 (4-12)	0 (0-0)	17.9 (13.9-21.8)	0 (0-0)	-9.9 (-24.2-2.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Aurora	0 (0-0)	-4.4 (-3.7--3.7)	0 (0-0)	13.2 (9.6-17.6)	0 (0-0)	20.3 (17.6-24.9)	0 (0-0)	1.8 (-15.1-17.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Basilan	0 (0-0)	28.9 (28.9-28.9)	0 (0-0)	50.5 (47-54.7)	0 (0-0)	60.3 (56.2-64.6)	0 (0-0)	35.6 (18.8-52.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Bataan	0 (0-0)	14 (14-14)	0 (0-0)	29.4 (24.9-32.4)	0 (0-0)	40.2 (36.8-43.8)	0 (0-0)	16.6 (5-32)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Batanes	0 (0-0)	-28.1 (-28.3--28.3)	0 (0-0)	-8.1 (-11--5.8)	0 (0-0)	1 (-2.5-4.7)	0 (0-0)	-23.4 (-32.8--12.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Batangas	0 (0-0)	42.4 (42.4-42.4)	0 (0-1)	44 (40.3-47.7)	0 (0-0)	55.3 (50.8-60.1)	0 (0-0)	37.6 (21.3-55.2)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Benguet	0 (0-0)	29.7 (29.3-29.3)	0 (0-0)	33.2 (29.4-35.7)	0 (0-0)	42.3 (37.3-47)	0 (0-0)	29.2 (16.1-48.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Biliran	0 (0-0)	0.9 (0.9-0.9)	0 (0-0)	14.8 (12.7-17.1)	0 (0-0)	22.5 (18.9-26.1)	0 (0-0)	3.8 (-8.3-14.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Bohol	0 (0-0)	-22.8 (-23.5--23.5)	0 (0-1)	3.9 (-0.2-7)	0 (0-0)	13.8 (9.6-16.2)	0 (0-0)	-15.3 (-26.6-1.7)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Bukidnon	0 (0-0)	-7.6 (-6.9--6.9)	0 (0-1)	21.9 (17.4-26.6)	0 (0-0)	31.7 (27.6-37.2)	0 (0-0)	2.5 (-14.1-21.4)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Bulacan	0 (0-0)	30.6 (30.6-30.6)	0 (0-1)	46.5 (41.3-50.5)	0 (0-0)	60.3 (56.3-64.4)	0 (0-0)	26.4 (9.4-45.7)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Cagayan	0 (0-0)	-1.6 (-1.6--1.6)	0 (0-0)	10.7 (7.1-14.2)	0 (0-0)	19.8 (15.9-24)	0 (0-0)	1.5 (-12.7-16.3)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Camarines Norte	0 (0-0)	3.8 (3.8-3.8)	0 (0-0)	19.1 (15.9-21.9)	0 (0-0)	25.6 (22.8-28.5)	0 (0-0)	6 (-5.1-18.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Camarines Sur	0 (0-0)	8.5 (8.4-8.4)	0 (0-1)	24 (19.7-28)	0 (0-0)	30.8 (27.2-34.5)	0 (0-0)	10.2 (-6.6-23.9)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Camiguin	0 (0-0)	4 (4-4)	0 (0-0)	12.5 (9.7-15.1)	0 (0-0)	18.6 (15.8-21.7)	0 (0-0)	5.9 (-6.9-18.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Capiz	0 (0-0)	-1 (-1--1)	0 (0-0)	6.4 (3.3-9.4)	0 (0-0)	14.6 (10.4-18.6)	0 (0-0)	-3.5 (-16.2-7.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Catanduanes	0 (0-0)	-8.6 (-8.6--8.6)	0 (0-0)	14.4 (10.6-18.7)	0 (0-0)	22.2 (18.2-26)	0 (0-0)	-0.8 (-12.8-11.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Cavite	0 (0-0)	79.9 (79.9-79.9)	0 (0-1)	89.5 (84.2-94.5)	0 (0-0)	107 (102-113)	0 (0-0)	73.3 (56.4-92.3)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Cebu	0 (0-0)	34.8 (34.8-34.8)	1 (0-2)	41.6 (37.2-45.4)	0 (0-0)	48.3 (44.6-52)	0 (0-0)	36.6 (19.9-56.1)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Cotabato (North Cotabato)	0 (0-0)	34.2 (34.2-34.2)	0 (0-1)	46.8 (43-51)	0 (0-0)	54.8 (50-59.8)	0 (0-0)	40.7 (23.6-63.3)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Davao de Oro	0 (0-0)	-8.2 (-8.2--8.2)	0 (0-0)	17.2 (14.3-19.8)	0 (0-0)	26 (23.1-29.6)	0 (0-0)	3.6 (-8.5-17.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Davao Del Norte	0 (0-0)	-12.9 (-12.2--12.2)	0 (0-0)	19 (15.7-22.8)	0 (0-0)	30 (26.8-34.8)	0 (0-0)	-2.9 (-17.3-11.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Davao Del Sur	0 (0-0)	25.4 (25.4-25.4)	0 (0-1)	34.6 (30.1-38.5)	0 (0-0)	43.8 (39.4-48.2)	0 (0-0)	28.4 (12.3-45.8)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Davao Occidental	0 (0-0)	-12.7 (-12.7--12.7)	0 (0-0)	34.8 (31.2-37.7)	0 (0-0)	45.3 (41.3-50.1)	0 (0-0)	0 (-11.5-15.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Davao Oriental	0 (0-0)	-14.3 (-14.3--14.3)	0 (0-0)	13.1 (9.7-16.5)	0 (0-0)	23.2 (19.9-26.9)	0 (0-0)	-8.7 (-19.6-3.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Dinagat Islands	0 (0-0)	-29.4 (-30.1--30.1)	0 (0-0)	-2.5 (-6.5--0.8)	0 (0-0)	5.6 (1.6-8)	0 (0-0)	-17 (-25.7--1.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Eastern Samar	0 (0-0)	5.6 (5.6-5.6)	0 (0-0)	22.4 (17.6-26.2)	0 (0-0)	31.3 (26.5-37.1)	0 (0-0)	8.2 (-4.5-25.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Guimaras	0 (0-0)	-0.9 (-0.9--0.9)	0 (0-0)	12.5 (9.9-15.2)	0 (0-0)	22.7 (18.1-27.6)	0 (0-0)	5.5 (-6.9-18.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Ifugao	0 (0-0)	16.9 (15.7-15.7)	0 (0-0)	21.2 (16.4-23.8)	0 (0-0)	29.6 (23.8-34)	0 (0-0)	24.4 (10.4-47.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Ilocos Norte	0 (0-0)	3.1 (3.1-3.1)	0 (0-0)	7.4 (4.5-9.9)	0 (0-0)	13.3 (10.4-16.5)	0 (0-0)	5.9 (-5.8-18.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Ilocos Sur	0 (0-0)	-3.1 (-3.1--3.1)	0 (0-0)	7.2 (3.6-10)	0 (0-0)	13.9 (11.2-17)	0 (0-0)	2.1 (-8-19)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Iloilo	0 (0-0)	21.2 (19.9-19.9)	0 (0-1)	21.7 (17.2-23.9)	0 (0-0)	28.5 (23.7-32.1)	0 (0-0)	21.3 (7.4-45.8)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Isabela	0 (0-0)	14.3 (14.3-14.3)	0 (0-1)	16.2 (13.4-19.8)	0 (0-0)	23.6 (19.7-27.4)	0 (0-0)	15.3 (0.2-30.6)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Kalinga	0 (0-0)	-14.4 (-14.7--14.7)	0 (0-0)	12.2 (8.8-14.7)	0 (0-0)	22 (18-25.6)	0 (0-0)	-2.3 (-13.7-9.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
La Union	0 (0-0)	7.4 (6.3-6.3)	0 (0-0)	11.3 (6.8-14.8)	0 (0-0)	19.1 (14.1-22.3)	0 (0-0)	8.4 (-7.8-24.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Laguna	0 (0-0)	56.3 (56.3-56.3)	0 (0-1)	58.9 (54.1-62.8)	0 (0-0)	69.5 (64.8-74.3)	0 (0-0)	56.8 (39.5-78.1)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Lanao Del Norte	0 (0-0)	15.2 (15.2-15.2)	0 (0-0)	34.5 (31.4-38.4)	0 (0-0)	40.8 (37.6-44.6)	0 (0-0)	24.5 (10-41.9)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Lanao Del Sur	0 (0-0)	15.6 (15.6-15.6)	0 (0-0)	38.3 (34.2-41.8)	0 (0-0)	45 (39.9-50.2)	0 (0-0)	29.5 (11.5-49.6)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Leyte	0 (0-0)	11.1 (11.1-11.1)	0 (0-1)	21.1 (17.2-25.2)	0 (0-0)	30.2 (25.5-35.6)	0 (0-0)	10.9 (-5.2-26.8)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Maguindanao	0 (0-0)	31.7 (31.7-31.7)	0 (0-1)	68.5 (63.6-73.7)	0 (0-0)	77.2 (72.1-81.9)	0 (0-0)	51.4 (29.7-70.3)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Marinduque	0 (0-0)	-29.3 (-29.3--29.3)	0 (0-0)	-7.2 (-9.8--4.7)	0 (0-0)	1.8 (-1-4.5)	0 (0-0)	-26.3 (-33.4--16.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Masbate	0 (0-0)	8.7 (8.6-8.6)	0 (0-0)	27 (22.6-30.2)	0 (0-0)	33.1 (29.3-37.6)	0 (0-0)	12.6 (0.1-32.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Misamis Occidental	0 (0-0)	9.7 (9.8-9.8)	0 (0-0)	18.7 (14.9-22.8)	0 (0-0)	24.3 (21-27.6)	0 (0-0)	13.2 (-0.8-30.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Misamis Oriental	0 (0-0)	34.6 (34.6-34.6)	0 (0-1)	39.4 (35.5-43.6)	0 (0-0)	45.8 (42.2-49.9)	0 (0-0)	35.7 (19-54.5)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Mountain Province	0 (0-0)	-11.6 (-11.6--11.6)	0 (0-0)	0.2 (-2.5-2.8)	0 (0-0)	5.6 (2.3-8.8)	0 (0-0)	-6.1 (-18.6-4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
National Capital Region	0 (0-0)	0.9 (0.9-0.9)	2 (0-5)	22.2 (18.3-25.7)	0 (0-0)	33.9 (31-37)	0 (0-0)	2.6 (-8.6-14.6)	0 (0-0)	2 (0-6)	0 (0-0)	0 (0-0)
Negros Occidental	0 (0-0)	2 (2-2)	0 (0-1)	9.5 (6.5-12.5)	0 (0-0)	17.4 (13.8-21.1)	0 (0-0)	1.4 (-10.3-16.6)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Negros Oriental	0 (0-0)	-3.5 (-3.5--3.5)	0 (0-1)	9.6 (6.3-12.7)	0 (0-0)	17.8 (13.8-21.6)	0 (0-0)	-1.8 (-12.7-14.2)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Northern Samar	0 (0-0)	12.1 (12.1-12.1)	0 (0-0)	26 (21.8-29.9)	0 (0-0)	35.6 (30.6-41.2)	0 (0-0)	12.9 (-1.7-29.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Nueva Ecija	0 (0-0)	20.7 (20.7-20.7)	0 (0-1)	28.4 (24.5-31.5)	0 (0-0)	36.6 (33.3-40)	0 (0-0)	23.5 (10.6-39.1)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Nueva Vizcaya	0 (0-0)	4.5 (4.5-4.5)	0 (0-0)	14.6 (10.8-18.1)	0 (0-0)	21.9 (18.7-25.1)	0 (0-0)	10.6 (-2.7-24.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Occidental Mindoro	0 (0-0)	-4.9 (-5--5)	0 (0-0)	20.8 (17.7-23.9)	0 (0-0)	29.5 (26.1-32.7)	0 (0-0)	6.8 (-4.4-21.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Oriental Mindoro	0 (0-0)	-8.1 (-8.2--8.2)	0 (0-0)	14.2 (10.9-17.5)	0 (0-0)	23.1 (19-26.9)	0 (0-0)	-5.3 (-16.8-9.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Palawan	0 (0-0)	26 (24.7-24.7)	0 (0-0)	48.9 (42.8-52.9)	0 (0-0)	59.8 (54-64.4)	0 (0-0)	31.4 (15.3-50.8)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Pampanga	0 (0-0)	32 (31.3-31.3)	0 (0-1)	38.4 (33.4-42.4)	0 (0-0)	50.1 (44.9-54.6)	0 (0-0)	28.5 (11-47.7)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Pangasinan	0 (0-0)	7.6 (7.6-7.6)	0 (0-1)	15.3 (11.8-18.4)	0 (0-0)	22.4 (18.9-26)	0 (0-0)	11 (-1.6-27.2)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Quezon	0 (0-0)	8.9 (8.9-8.9)	0 (0-1)	21.3 (18.1-24.4)	0 (0-0)	29.1 (26-32.3)	0 (0-0)	8.6 (-4.8-23.5)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Quirino	0 (0-0)	-13.8 (-13.8--13.8)	0 (0-0)	11.3 (7.7-15.3)	0 (0-0)	20.6 (16.9-24.4)	0 (0-0)	-3.3 (-17-8.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Rizal	0 (0-0)	76.3 (76.3-76.3)	0 (0-1)	82.4 (76.6-87.2)	0 (0-0)	92.8 (88.4-96.9)	0 (0-0)	69.5 (47.7-90.5)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Romblon	0 (0-0)	-18.6 (-18.6--18.6)	0 (0-0)	-0.2 (-3.1-2.1)	0 (0-0)	6.5 (3.6-10)	0 (0-0)	-13 (-22.4--0.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Samar (Western Samar)	0 (0-0)	1.5 (2.2-2.2)	0 (0-0)	15.7 (10.5-20.5)	0 (0-0)	23.8 (19.1-29.6)	0 (0-0)	1.3 (-14.3-15.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Sarangani	0 (0-0)	16.5 (16.5-16.5)	0 (0-0)	27.5 (23.4-30.9)	0 (0-0)	38.9 (34.7-43.9)	0 (0-0)	13.2 (-0.1-25.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Siquijor	0 (0-0)	-12.6 (-12.6--12.6)	0 (0-0)	7.6 (5-10.3)	0 (0-0)	17.4 (13.7-21)	0 (0-0)	-5.6 (-16.5-5.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Sorsogon	0 (0-0)	10.2 (10.2-10.2)	0 (0-0)	18 (14.6-21)	0 (0-0)	28.3 (24.6-32.3)	0 (0-0)	5.9 (-5.2-18.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
South Cotabato	0 (0-0)	20.1 (20.1-20.1)	0 (0-1)	31.1 (27.4-35)	0 (0-0)	39.9 (35.7-44.1)	0 (0-0)	20.9 (6.1-35.6)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Southern Leyte	0 (0-0)	-3.5 (-2.8--2.8)	0 (0-0)	9.3 (5.2-13.2)	0 (0-0)	16.9 (13.7-21.1)	0 (0-0)	-2.5 (-19.8-10.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Sultan Kudarat	0 (0-0)	-0.1 (-0.3--0.3)	0 (0-0)	30.5 (27-33.4)	0 (0-0)	42.1 (37.6-46)	0 (0-0)	11.9 (0.5-24.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Sulu	0 (0-0)	-9.6 (-10.4--10.4)	0 (0-0)	37.9 (32.6-45.6)	0 (0-0)	44.1 (38.2-49.8)	0 (0-0)	8.3 (-7-26.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Surigao Del Norte	0 (0-0)	19.4 (19.4-19.4)	0 (0-0)	27.1 (22.3-31.1)	0 (0-0)	35.8 (31.3-41)	0 (0-0)	17.9 (3.4-39.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Surigao Del Sur	0 (0-0)	-3.5 (-3.5--3.5)	0 (0-0)	6.6 (3.7-9.5)	0 (0-0)	14.7 (11-18.9)	0 (0-0)	-2.6 (-13.4-10)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tarlac	0 (0-0)	3.4 (3.4-3.4)	0 (0-1)	18.4 (15-21.6)	0 (0-0)	27.6 (24.8-30.9)	0 (0-0)	5.6 (-4.9-17.9)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Tawi-Tawi	0 (0-0)	-3.8 (-4--4)	0 (0-0)	17.1 (14.1-19.4)	0 (0-0)	24.1 (20.4-27.3)	0 (0-0)	5 (-7.6-20.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Zambales	0 (0-0)	20.5 (20.5-20.5)	0 (0-0)	27.7 (23.9-31)	0 (0-0)	34.9 (31.9-38.2)	0 (0-0)	18.8 (3.4-35.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Zamboanga Del Norte	0 (0-0)	-7.2 (-6.3--6.3)	0 (0-0)	12.5 (9.6-17)	0 (0-0)	18.8 (16.5-23)	0 (0-0)	0 (-16.3-16.4)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Zamboanga Del Sur	0 (0-0)	8.9 (8.9-8.9)	0 (0-1)	19.7 (17-22.4)	0 (0-0)	28.1 (24.8-31.8)	0 (0-0)	11.1 (-1-24.6)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Zamboanga Sibugay	0 (0-0)	8.2 (8.2-8.2)	0 (0-0)	31.1 (27.8-34.5)	0 (0-0)	39.3 (35.7-43.2)	0 (0-0)	14.2 (1.5-27.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Seychelles	0 (0-0)	-3.6 (-6.6-73.2)	0 (0-0)	5.7 (-0.7-98.3)	0 (0-0)	18.8 (10.2-104)	0 (0-0)	1.2 (-11.6-71.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Sri Lanka	0 (0-0)	-17.6 (-18--18)	2 (0-8)	0.4 (-2.6-2.2)	0 (0-0)	6.3 (3.2-8.5)	0 (0-0)	-10.8 (-20.2--0.6)	0 (0-0)	2 (0-8)	0 (0-0)	0 (0-0)
Thailand	0 (0-1)	-39.5 (-39.5--39.5)	7 (0-24)	-22.1 (-24.8--19.3)	0 (0-1)	-9.9 (-13.8--5.4)	0 (0-0)	-38.2 (-45.7--31)	0 (0-0)	6 (0-18)	0 (0-1)	0 (0-0)
Timor-Leste	0 (0-0)	6 (3.7-1290)	0 (0-0)	45.8 (38-1740)	0 (0-0)	54.9 (45.7-1860)	0 (0-0)	15.8 (-1.9-1310)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Viet Nam	0 (0-1)	-19.7 (-20.4--20.4)	11 (1-37)	-4.5 (-8.8--1.3)	0 (0-1)	11.7 (4.3-18.4)	0 (0-0)	-14.5 (-24.6--2.3)	0 (0-1)	11 (1-35)	0 (0-1)	0 (0-0)
Sub-Saharan Africa	224,000 (180,000-281,000)	31.5 (27.6-35.2)	2,280,000 (1,870,000-2,810,000)	75.9 (71.2-80.6)	111,000 (87,100-143,000)	69.7 (63.6-75.6)	28,600 (18,100-42,400)	43.2 (35.8-50.5)	294,000 (238,000-367,000)	4,010,000 (3,270,000-4,960,000)	189,000 (148,000-242,000)	40,900 (25,900-60,300)
Central Sub-Saharan Africa	46,300 (39,500-53,800)	32.4 (25.3-39.7)	458,000 (389,000-544,000)	75.8 (65.3-86.3)	23,700 (19,300-27,900)	81.6 (69.8-92.8)	6,130 (4,000-8,650)	57.8 (40.2-74.7)	61,300 (51,600-71,100)	805,000 (675,000-959,000)	43,000 (35,100-50,600)	9,670 (6,320-13,900)
Angola	8,700 (7,140-10,600)	53.4 (40.8-67.1)	82,400 (67,800-101,000)	106 (88.6-123)	4,200 (3,360-5,230)	113 (91.9-134)	1,110 (715-1,640)	87.6 (57.7-119)	13,400 (11,000-16,300)	169,000 (139,000-209,000)	8,940 (7,080-11,300)	2,070 (1,300-3,130)
Central African Republic	1,400 (1,160-1,730)	26.3 (16.9-35.3)	13,700 (11,400-16,700)	44.3 (35.5-56)	747 (613-929)	47.2 (35.3-59.5)	187 (124-271)	38.7 (18.4-61.4)	1,770 (1,490-2,140)	19,800 (16,500-24,100)	1,100 (904-1,340)	260 (170-374)
Congo	679 (559-810)	9.6 (1-18.2)	7,860 (6,570-9,540)	47.6 (36.2-59)	377 (304-457)	55.3 (41.3-70.1)	77 (50-109)	33.7 (16.5-54.3)	744 (616-880)	11,600 (9,660-14,000)	586 (479-700)	103 (68-147)
Democratic Republic of the Congo	34,800 (29,600-40,200)	28.3 (18.8-37.5)	345,000 (293,000-408,000)	71.1 (58.9-84.8)	17,900 (14,700-21,100)	76.6 (61.9-90.7)	4,670 (3,000-6,650)	52.5 (31.7-75.6)	44,700 (37,300-51,600)	591,000 (496,000-704,000)	31,700 (25,600-36,800)	7,120 (4,620-10,300)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Equatorial Guinea	413 (334-519)	21.2 (10.1-33.3)	4,170 (3,380-5,190)	91.7 (74.2-110)	209 (163-272)	101 (81.7-127)	53 (35-79)	43.4 (20.8-68.4)	500 (400-619)	8,000 (6,450-10,000)	421 (329-536)	76 (49-114)
Gabon	320 (253-408)	-5.6 (-13.9-5.1)	4,150 (3,310-5,250)	19.8 (9.8-31.6)	189 (145-246)	25.6 (14-39.9)	36 (24-54)	1.9 (-12.5-21.1)	302 (236-383)	4,980 (3,940-6,240)	237 (182-308)	37 (24-55)
Eastern Sub-Saharan Africa	37,800 (30,500-46,300)	26.3 (22.5-30.2)	381,000 (311,000-466,000)	56.6 (52.4-61.4)	21,200 (16,600-26,600)	65.2 (60.2-71.4)	5,480 (3,600-7,690)	43.1 (34.9-53.2)	47,700 (38,600-58,100)	596,000 (489,000-735,000)	35,000 (27,500-43,800)	7,840 (5,110-11,200)
Burundi	157 (122-203)	64.7 (39.2-87.6)	1,550 (1,210-2,050)	76.9 (50.8-98.9)	94 (70-125)	74 (45-99.1)	26 (16-40)	73.3 (39.9-110)	258 (204-342)	2,740 (2,160-3,530)	163 (126-220)	46 (29-71)
Comoros	0 (0-0)	-18.4 (-19.5-0.6)	0 (0-0)	8.2 (-0.5-37.2)	0 (0-0)	14 (7.6-41.9)	0 (0-0)	-10.5 (-22.5-15.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Djibouti	5 (4-7)	22 (8.6-33.5)	48 (36-64)	64 (48.1-78.9)	3 (2-4)	73.9 (53.7-93)	1 (0-1)	52.7 (24.3-84.1)	6 (4-9)	79 (58-106)	4 (3-6)	1 (1-2)
Eritrea	33 (24-47)	19.2 (8.6-33.4)	343 (253-465)	47.4 (34.9-62.1)	20 (14-29)	53.4 (37.6-75.7)	6 (3-9)	29.8 (7.3-57.1)	40 (28-55)	505 (373-679)	31 (21-44)	7 (4-12)
Ethiopia	5 (3-7)	18.3 (-34.8-80.9)	46 (25-70)	40.5 (-22.7-117)	3 (2-4)	46.5 (-18.8-123)	1 (0-1)	33.2 (-25.2-103)	6 (3-9)	64 (29-106)	4 (2-7)	1 (0-2)
Addis Ababa	0 (0-0)	-30.9 (-65.5-10.8)	2 (1-2)	-4.9 (-53-52.7)	0 (0-0)	3.6 (-49-70.6)	0 (0-0)	-7.5 (-52.2-51.3)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Afar	0 (0-0)	-10.6 (-53-47.6)	1 (1-2)	0.5 (-46.4-68.3)	0 (0-0)	2.1 (-45.4-73.4)	0 (0-0)	3 (-46-76.3)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Amhara	1 (1-2)	-1.3 (-47.9-54.7)	11 (6-17)	17.5 (-39.7-85.1)	1 (0-1)	22.4 (-35.8-94.2)	0 (0-0)	8.3 (-42.3-74)	1 (1-2)	13 (6-21)	1 (0-1)	0 (0-0)
Benishangul-Gumuz	0 (0-0)	35.4 (-32.3-122)	0 (0-1)	68.1 (-15.5-174)	0 (0-0)	76 (-11.3-186)	0 (0-0)	58.1 (-16.5-172)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Dire Dawa	0 (0-0)	-0.4 (-50-57.6)	0 (0-0)	37.5 (-31.5-117)	0 (0-0)	46.4 (-27.1-130)	0 (0-0)	20.5 (-39.1-95.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Gambella	0 (0-0)	23.9 (-31.6-90.5)	0 (0-0)	79.3 (-2.4-175)	0 (0-0)	94 (10.1-208)	0 (0-0)	45.8 (-16.6-129)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Harari	0 (0-0)	-12.6 (-56.2-37)	0 (0-0)	30 (-33.3-102)	0 (0-0)	40.7 (-29.1-124)	0 (0-0)	10.1 (-42.3-82.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Oromia	2 (1-3)	29.1 (-35.5-104)	17 (9-26)	54.3 (-21.2-147)	1 (1-2)	60.9 (-18.8-151)	0 (0-0)	45.5 (-23.9-136)	2 (1-4)	26 (12-43)	2 (1-3)	0 (0-1)
Somali	0 (0-0)	41.7 (-29.7-136)	3 (2-5)	45.8 (-24.2-151)	0 (0-0)	45.9 (-26.2-152)	0 (0-0)	58.4 (-21.3-180)	0 (0-1)	4 (2-8)	0 (0-0)	0 (0-0)
Southern Nations, Nationalities, and Peoples	1 (1-1)	26.2 (-32.9-98.8)	9 (5-14)	52.6 (-18.4-138)	1 (0-1)	60.3 (-15.2-153)	0 (0-0)	40.7 (-26.7-126)	1 (1-2)	14 (6-24)	1 (0-2)	0 (0-0)
Tigray	0 (0-0)	1.9 (-46.1-61.2)	3 (1-4)	34.9 (-29.5-110)	0 (0-0)	43.4 (-24.7-129)	0 (0-0)	16.6 (-37.9-96.8)	0 (0-0)	3 (2-6)	0 (0-0)	0 (0-0)
Kenya	14,700 (10,700-20,200)	15.3 (12.8-17.9)	167,000 (123,000-221,000)	45.8 (42.6-49)	9,060 (6,340-12,800)	57.9 (53.1-63)	1,990 (1,190-3,040)	29.2 (23.7-34.2)	17,000 (12,200-23,200)	243,000 (180,000-322,000)	14,300 (10,100-20,000)	2,570 (1,520-4,000)
Baringo	212 (150-291)	2.3 (-10-15.7)	2,240 (1,640-3,020)	32 (18.6-46.7)	127 (87-181)	42.1 (24.1-62.8)	32 (19-50)	11.2 (-7.6-37.4)	217 (152-306)	2,950 (2,170-4,000)	180 (123-261)	35 (21-57)
Bomet	221 (155-303)	104 (83.8-128)	2,670 (1,930-3,570)	171 (146-199)	121 (82-172)	206 (171-245)	23 (14-34)	116 (77.9-161)	450 (320-632)	7,250 (5,280-9,780)	372 (259-535)	50 (30-78)
Bungoma	890 (629-1,250)	-53.2 (-58.5--47.8)	9,210 (6,830-12,500)	-36.4 (-42.5--30)	503 (346-732)	-32.3 (-40.4--23)	122 (72-192)	-43.5 (-53.3--31.5)	416 (296-586)	5,860 (4,320-7,940)	340 (233-497)	69 (40-111)
Busia	405 (286-564)	16.3 (1.6-29)	4,330 (3,160-5,840)	41.7 (25.3-55.6)	249 (169-363)	50.3 (29.4-69.4)	63 (36-100)	25.7 (3-55.4)	471 (322-657)	6,140 (4,460-8,350)	374 (250-544)	79 (45-130)
Elgeyo-Marakwet	206 (145-292)	-71.2 (-74--67.6)	2,460 (1,770-3,330)	-57.6 (-61.5--52.7)	125 (83-183)	-53.3 (-58.6--46.5)	23 (14-36)	-65 (-70.7--57.1)	59 (41-84)	1,040 (757-1,430)	58 (39-85)	8 (5-13)
Embu	154 (109-211)	-38.8 (-46--30.8)	2,050 (1,490-2,730)	-12.8 (-22.4--3)	105 (72-151)	-3.6 (-16.8-10.9)	19 (11-29)	-30.8 (-44.6--15.5)	94 (66-134)	1,790 (1,320-2,390)	101 (70-147)	13 (8-20)
Garissa	135 (97-188)	271 (235-312)	1,590 (1,170-2,130)	261 (231-295)	85 (58-123)	272 (231-319)	19 (11-29)	263 (199-329)	501 (354-702)	5,740 (4,210-7,870)	317 (217-461)	67 (39-109)
Homa Bay	839 (593-1,170)	5.1 (-8.2-17.1)	7,390 (5,390-9,880)	43.3 (28.4-57.2)	442 (299-634)	52.7 (31.3-71.9)	114 (65-182)	28 (3.7-53.8)	882 (629-1,210)	10,600 (7,800-14,300)	675 (463-948)	146 (83-234)
Isiolo	52 (36-72)	24.2 (10.3-39.3)	525 (382-698)	52.7 (38.7-66.6)	32 (21-46)	61.6 (41.2-88.4)	8 (5-13)	38.3 (11.7-69.2)	65 (46-90)	802 (591-1,080)	52 (36-74)	12 (6-18)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Kajiado	165 (116-229)	39.7 (25.3-56.9)	2,110 (1,550-2,800)	89.9 (72-110)	106 (72-153)	112 (87-143)	20 (12-32)	52 (25.3-82.7)	231 (163-323)	4,000 (2,920-5,390)	225 (157-321)	31 (18-48)
Kakamega	598 (422-846)	79.4 (56.3-101)	6,450 (4,700-8,760)	118 (94.8-145)	367 (248-538)	134 (99.4-170)	98 (55-156)	87.9 (50.2-134)	1,070 (773-1,480)	14,100 (10,400-18,800)	858 (600-1,200)	183 (108-283)
Kericho	355 (248-503)	-68.5 (-72.1--65)	3,890 (2,800-5,330)	-52.9 (-57.7--48.2)	191 (129-279)	-47.5 (-53.6--40.9)	40 (24-60)	-61.2 (-68.6--53.4)	112 (80-154)	1,830 (1,350-2,440)	100 (70-142)	16 (9-24)
Kiambu	523 (366-721)	-30.4 (-37.9--21.2)	6,480 (4,770-8,750)	-1.7 (-10.8-9.5)	337 (230-469)	8.6 (-3.8-24.8)	57 (34-87)	-17.6 (-32.7--0.5)	364 (259-510)	6,370 (4,640-8,400)	366 (257-518)	47 (28-75)
Kilifi	351 (270-456)	23.9 (12.6-34.8)	4,280 (3,340-5,500)	54.8 (41.1-68.8)	225 (165-296)	69.6 (52-86.7)	52 (33-77)	37.9 (15.4-63.4)	436 (328-581)	6,620 (5,150-8,580)	382 (280-525)	72 (44-108)
Kirinyaga	159 (112-218)	-36.8 (-42.9--27.8)	1,980 (1,460-2,670)	-10.2 (-18.6-0)	105 (72-148)	0 (-10.9-14.5)	19 (11-30)	-27.6 (-40.7--10.9)	100 (71-144)	1,770 (1,300-2,410)	105 (74-151)	14 (8-22)
Kisii	624 (447-879)	-45.9 (-51.7--40.2)	7,500 (5,550-10,100)	-17.7 (-27.4--9.2)	423 (292-620)	-9.3 (-19.7-2.4)	89 (53-137)	-36.6 (-47.9--24.1)	338 (239-470)	6,170 (4,550-8,200)	384 (266-547)	56 (33-89)
Kisumu	794 (620-1,010)	-21.6 (-28.7--14.5)	7,690 (6,080-9,820)	12 (2.5-22.3)	532 (405-694)	20.5 (7.9-35.1)	154 (94-236)	-8.5 (-23.1-10.8)	622 (489-804)	8,610 (6,800-11,100)	641 (498-839)	141 (89-211)
Kitui	381 (271-535)	-15 (-23.9--5.5)	4,350 (3,180-5,820)	12.2 (1.8-24.4)	223 (153-321)	22 (7.5-38.2)	50 (30-76)	-6.2 (-24.3-13.9)	324 (233-458)	4,880 (3,570-6,580)	272 (188-398)	47 (28-72)
Kwale	274 (194-384)	13.2 (-0.4-28.1)	3,320 (2,450-4,480)	38.3 (24-53.6)	188 (129-267)	46.6 (27.7-70)	43 (25-69)	20.2 (-2.7-50.1)	310 (215-434)	4,590 (3,330-6,190)	276 (185-397)	51 (29-83)
Laikipia	141 (100-200)	-35.3 (-42.2--26.8)	1,720 (1,270-2,320)	-4.9 (-14.3-6.2)	81 (54-118)	6.9 (-6.6-23.3)	14 (8-22)	-24.1 (-38.3--6.5)	92 (64-126)	1,630 (1,190-2,190)	86 (59-122)	11 (6-17)
Lamu	28 (20-39)	10.3 (-2.7-22.2)	346 (256-464)	40.4 (26.1-54)	20 (14-28)	50.1 (32-69.4)	4 (2-7)	20.2 (-2.2-45)	31 (22-44)	486 (357-654)	30 (21-42)	5 (3-8)
Machakos	387 (270-538)	-54.2 (-59--48.6)	5,290 (3,840-7,110)	-34.8 (-40.9--27.8)	267 (179-387)	-27 (-35.9--16.3)	48 (27-74)	-47.2 (-56.4--35.8)	177 (124-246)	3,450 (2,560-4,620)	195 (135-274)	25 (15-40)
Makueni	263 (187-373)	35.7 (22.8-51.6)	3,090 (2,240-4,250)	79.7 (64.7-97.5)	152 (103-225)	99.7 (78-127)	32 (20-49)	45.6 (22.3-75.2)	357 (248-495)	5,550 (4,030-7,440)	303 (206-430)	46 (28-73)
Mandera	118 (83-164)	1040 (917-1190)	1,610 (1,160-2,180)	921 (827-1040)	93 (62-135)	957 (833-1110)	23 (13-36)	816 (642-1010)	1,340 (948-1,870)	16,400 (12,100-22,000)	980 (667-1,400)	208 (120-322)
Marsabit	86 (61-120)	97.6 (78.3-120)	946 (691-1,280)	120 (99.7-142)	51 (36-76)	132 (105-163)	12 (7-19)	95.7 (61.7-140)	169 (120-235)	2,080 (1,530-2,780)	119 (82-171)	24 (14-37)
Meru	473 (327-653)	-31 (-37.4--21.6)	6,190 (4,480-8,310)	-3 (-11.8-8.2)	324 (219-456)	8 (-3.9-23.2)	64 (37-99)	-24 (-35.7--6.3)	326 (226-448)	6,000 (4,420-8,030)	350 (237-490)	49 (28-78)
Migori	732 (522-1,020)	36.1 (21.4-52.8)	6,280 (4,620-8,360)	74.4 (57.9-92.6)	381 (263-548)	84.5 (63.2-110)	106 (61-171)	61.5 (34.4-92.9)	997 (696-1,390)	11,000 (8,030-14,800)	702 (475-1,020)	171 (97-282)
Mombasa	271 (192-379)	21.8 (8.6-35.8)	3,380 (2,490-4,500)	66.3 (50.9-82.7)	189 (132-268)	77.7 (58.2-99)	32 (20-50)	46.3 (22.4-79.6)	330 (235-452)	5,620 (4,200-7,610)	335 (235-463)	48 (28-72)
Murang'a	244 (173-340)	-32.9 (-39.3--25.3)	3,450 (2,540-4,610)	-6.7 (-15.2-2.9)	171 (115-247)	6.2 (-6.2-20.7)	30 (17-47)	-30.3 (-42.4--17)	163 (116-227)	3,220 (2,370-4,300)	182 (127-259)	21 (12-32)
Nairobi	807 (565-1,120)	13.9 (1.1-27.5)	9,320 (6,860-12,400)	65.1 (48.4-81)	512 (355-721)	77.6 (57.8-99.8)	82 (49-125)	48 (23-78.1)	919 (651-1,280)	15,400 (11,200-20,800)	909 (643-1,270)	121 (71-187)
Nakuru	481 (335-670)	-23.8 (-32.4--15.5)	6,150 (4,470-8,240)	13.5 (2.5-24.6)	302 (202-430)	27.6 (12.9-42.9)	55 (33-84)	-15.1 (-29.1-3.3)	366 (260-505)	6,970 (5,180-9,350)	385 (267-537)	46 (28-71)
Nandi	256 (182-357)	-18.5 (-26.3--10.8)	3,220 (2,380-4,360)	15.1 (3.9-25.8)	157 (106-231)	27.7 (13-42.6)	30 (18-48)	-9.9 (-25.6-7.5)	208 (148-290)	3,710 (2,720-5,020)	201 (137-291)	27 (16-42)
Narok	203 (144-283)	277 (239-327)	2,290 (1,660-3,110)	326 (287-372)	112 (76-162)	361 (307-429)	27 (16-42)	268 (217-336)	766 (539-1,060)	9,760 (7,140-13,100)	516 (354-742)	98 (58-154)
Nyamira	171 (121-239)	10.8 (-0.8-23.8)	2,080 (1,510-2,810)	59 (44.8-75.1)	105 (71-151)	77.7 (56.1-101)	19 (11-29)	23 (0.6-51.4)	190 (131-268)	3,310 (2,380-4,440)	186 (124-272)	23 (13-35)
Nyandarua	207 (147-286)	-24.2 (-30.9--18.3)	2,560 (1,870-3,440)	2.9 (-5.1-12.1)	126 (86-182)	17 (5.3-30)	22 (13-34)	-20.1 (-33.9--4.7)	157 (110-222)	2,630 (1,930-3,510)	148 (102-213)	18 (10-28)
Nyeri	216 (156-301)	-47.4 (-53.4--41.5)	2,960 (2,170-4,000)	-26 (-33.2--18.7)	152 (107-218)	-16.2 (-25.9--4.7)	23 (14-36)	-42.8 (-53--28.8)	113 (80-158)	2,190 (1,600-2,940)	127 (89-177)	13 (8-21)
Samburu	83 (59-116)	58.7 (41.7-79.3)	870 (634-1,180)	86.1 (67.5-108)	43 (29-62)	102 (76.2-130)	10 (6-14)	63.1 (35.7-98.9)	131 (92-187)	1,620 (1,170-2,210)	87 (59-128)	16 (9-24)
Siaya	613 (442-826)	-13.2 (-22.7--2.6)	5,980 (4,440-7,950)	18 (6.3-30.6)	360 (248-504)	25.1 (9.7-43.3)	93 (54-146)	3.4 (-13.8-24.9)	532 (376-737)	7,060 (5,190-9,430)	450 (306-640)	97 (56-157)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Taita Taveta	80 (57-111)	-32.4 (-40.5--24.1)	1,190 (877-1,610)	-9 (-19.3-0.7)	65 (45-94)	0.2 (-12.4-13.7)	12 (7-18)	-26.2 (-40.8--10)	54 (38-75)	1,080 (805-1,460)	65 (45-92)	9 (5-14)
Tana River	91 (64-126)	40.8 (25.7-56.8)	1,020 (758-1,380)	56.2 (41.1-71.2)	59 (41-84)	62.5 (42.9-84.5)	14 (8-22)	46.6 (19.6-75.6)	128 (90-176)	1,590 (1,160-2,150)	95 (65-137)	20 (12-33)
Tharaka Nithi	40 (28-56)	-16.5 (-25.1--5.8)	502 (365-672)	15 (4.8-27.9)	27 (18-39)	25.9 (11.2-44.3)	6 (3-9)	-9.3 (-23.6-10.9)	33 (24-47)	578 (426-769)	34 (24-48)	5 (3-8)
Trans Nzoia	282 (201-387)	-4.4 (-14-6.4)	3,440 (2,510-4,650)	32.1 (19.8-47)	174 (119-248)	46.2 (29.2-67.5)	38 (22-60)	4.3 (-13.1-29.1)	269 (191-374)	4,550 (3,310-6,090)	254 (173-365)	39 (22-62)
Turkana	267 (188-372)	173 (140-205)	2,670 (1,970-3,590)	216 (183-251)	143 (98-206)	233 (186-282)	34 (20-53)	196 (143-247)	728 (516-1,010)	8,450 (6,240-11,200)	478 (332-666)	99 (60-154)
Uasin Gishu	271 (191-384)	-8.4 (-17.5-3.4)	3,330 (2,440-4,550)	36.5 (24.2-50.9)	165 (112-243)	52.2 (35.2-72.2)	33 (20-51)	5.4 (-13-25.3)	248 (178-347)	4,540 (3,330-6,120)	251 (175-358)	34 (21-53)
Vihiga	196 (137-277)	22.6 (10.3-40.2)	2,360 (1,690-3,190)	60.9 (45.4-80.2)	131 (88-193)	75 (52.5-105)	31 (18-48)	24.2 (3.2-54.6)	240 (169-338)	3,790 (2,790-5,180)	230 (157-334)	38 (22-60)
Wajir	179 (129-246)	177 (141-211)	1,950 (1,430-2,630)	171 (140-204)	114 (79-162)	176 (138-218)	27 (16-43)	166 (115-219)	496 (352-699)	5,300 (3,900-7,130)	314 (216-453)	72 (43-117)
West Pokot	191 (137-268)	74.8 (53.6-94.5)	1,890 (1,390-2,600)	108 (86.8-128)	103 (71-153)	120 (90.5-149)	28 (16-45)	81.9 (47.9-121)	334 (236-468)	3,920 (2,850-5,270)	227 (153-329)	51 (28-81)
Madagascar	2,440 (2,030-2,960)	28 (18.6-37.7)	23,600 (19,600-28,500)	58 (46.5-69.9)	1,400 (1,140-1,720)	62.9 (50.2-77)	401 (268-569)	39.2 (20.9-60.8)	3,130 (2,630-3,810)	37,300 (31,100-45,500)	2,280 (1,890-2,800)	559 (365-773)
Malawi	351 (297-448)	4.4 (-4.5-12.7)	3,050 (2,530-3,900)	59.7 (47.3-72.9)	181 (148-233)	68.6 (52.8-83.8)	55 (35-78)	27.5 (6.2-50.1)	366 (305-459)	4,870 (4,020-6,210)	305 (249-385)	70 (45-101)
Mozambique	67 (51-85)	40.4 (29.5-52.4)	570 (448-721)	75.7 (61.7-90.8)	36 (26-46)	80.7 (63.4-99.1)	11 (7-16)	60.4 (35.9-84)	94 (72-118)	1,000 (786-1,260)	64 (49-82)	18 (11-26)
Rwanda	53 (40-71)	10 (-0.2-20.5)	546 (416-721)	39.6 (27-52.4)	32 (23-44)	44.6 (28.9-61.6)	9 (6-14)	19.9 (0.2-42.2)	58 (44-78)	762 (585-990)	47 (35-64)	11 (7-16)
Somalia	1 (0-2)	89.9 (-19.5-213)	5 (1-14)	113 (-10.4-248)	0 (0-1)	120 (-3.6-279)	0 (0-0)	112 (-0.7-277)	1 (0-4)	12 (1-31)	1 (0-2)	0 (0-1)
South Sudan	70 (49-97)	8.3 (-2.9-20.8)	617 (449-828)	19.6 (8.1-31.7)	39 (27-57)	21.5 (7-36.6)	12 (7-20)	10.3 (-8-35.1)	76 (54-105)	738 (547-1,010)	48 (33-67)	14 (8-22)
Uganda	7,170 (6,070-8,250)	29.7 (19.9-39.2)	61,800 (52,200-72,600)	62.7 (50.4-75.4)	3,660 (2,980-4,280)	68.5 (54.2-81.6)	1,130 (743-1,600)	47.5 (27-71.2)	9,300 (7,600-10,800)	101,000 (83,600-119,000)	6,160 (4,870-7,280)	1,670 (1,010-2,380)
United Republic of Tanzania	9,380 (7,750-10,800)	36.9 (25.2-52)	90,700 (75,700-106,000)	65.3 (51.1-81.4)	4,820 (3,900-5,630)	70.4 (54.2-91.1)	1,320 (823-1,830)	57.3 (36-92.2)	12,800 (10,400-15,200)	150,000 (124,000-180,000)	8,220 (6,490-9,850)	2,070 (1,380-2,930)
Zambia	3,300 (2,820-4,080)	37.6 (26.2-50.1)	31,100 (26,200-38,800)	75.1 (61.4-90.4)	1,790 (1,480-2,240)	82.6 (66.1-102)	510 (332-715)	55.5 (33.5-78.6)	4,550 (3,850-5,710)	54,400 (45,400-68,700)	3,280 (2,710-4,140)	793 (534-1,110)
Southern Sub-Saharan Africa	72 (56-92)	-4.8 (-13.4-10.3)	962 (767-1,210)	9.5 (0.9-23.3)	48 (36-62)	11.9 (0.2-30)	10 (6-14)	2.5 (-14.8-29.5)	68 (52-90)	1,050 (829-1,350)	54 (40-72)	10 (6-15)
Botswana	17 (14-21)	5.9 (-3.5-15)	304 (254-369)	19.4 (10.2-28.3)	12 (10-16)	30.8 (17.4-43.4)	2 (1-3)	12.9 (-3.7-32.3)	18 (15-22)	363 (302-434)	16 (13-20)	2 (1-3)
Eswatini	0 (0-0)	-18.6 (-40.3--17.3)	1 (0-1)	-1.5 (-26.8-7.8)	0 (0-0)	4.4 (-23.3-10.8)	0 (0-0)	-8.4 (-35.1-10.4)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Lesotho	0 (0-0)	-24.9 (-46.2--23.4)	1 (1-2)	-9.2 (-32.9-3.3)	0 (0-0)	-3.8 (-30.9-3.9)	0 (0-0)	-16.9 (-40.6-5)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Namibia	0 (0-0)	12.9 (-18-14.8)	1 (1-1)	17.5 (-13.1-26.1)	0 (0-0)	21.8 (-11.5-28.5)	0 (0-0)	16.1 (-22.2-40.4)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
South Africa	0 (0-1)	-5.4 (-7.9--4.6)	5 (0-14)	4.3 (-0.4-8.1)	0 (0-1)	8.6 (3.4-14.4)	0 (0-0)	2 (-11.6-9.3)	0 (0-1)	5 (0-14)	0 (0-1)	0 (0-0)
Eastern Cape	0 (0-0)	-28 (-27.4--27.4)	1 (0-2)	-21.7 (-25.1--17.5)	0 (0-0)	-18 (-20.7--14.2)	0 (0-0)	-23.3 (-32.6--13.3)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Free State	0 (0-0)	-24.3 (-24.2--24.2)	0 (0-1)	-18.6 (-22.4--14.2)	0 (0-0)	-14.9 (-17.3--12.4)	0 (0-0)	-15.1 (-24--3.2)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Gauteng	0 (0-0)	42.7 (41.1-41.1)	1 (0-3)	60.1 (51.2-69.3)	0 (0-0)	63.1 (57-66.9)	0 (0-0)	71.3 (45.7-105)	0 (0-0)	1 (0-4)	0 (0-0)	0 (0-0)
KwaZulu-Natal	0 (0-0)	-18 (-17.7--17.7)	1 (0-3)	-6.9 (-10.9--1.1)	0 (0-0)	-1.2 (-4.5-3)	0 (0-0)	-9.5 (-23.1-3.3)	0 (0-0)	1 (0-3)	0 (0-0)	0 (0-0)
Limpopo	0 (0-0)	-24.4 (-24.1--24.1)	1 (0-2)	-19.7 (-23.4--15.5)	0 (0-0)	-14.3 (-17.7--10.2)	0 (0-0)	-20 (-30.1--7.2)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Mpumalanga	0 (0-0)	23.9 (23.9-23.9)	0 (0-1)	30.2 (23.6-35.8)	0 (0-0)	37.3 (32.7-42.4)	0 (0-0)	31.3 (16.9-49.5)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
North-West	0 (0-0)	-31 (-29.1--29.1)	0 (0-1)	-25.9 (-28.7--20.1)	0 (0-0)	-24.1 (-24.7--20.1)	0 (0-0)	-21.4 (-33.8--8.5)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Northern Cape	0 (0-0)	53.8 (54-54)	0 (0-0)	60.7 (51.8-68.7)	0 (0-0)	68.9 (64.4-73.2)	0 (0-0)	53.9 (31.3-78.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Western Cape	0 (0-0)	4.7 (4.7-4.7)	0 (0-1)	19.7 (14.2-25.4)	0 (0-0)	27.4 (23-31.9)	0 (0-0)	16.7 (2.8-33.4)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Zimbabwe	54 (41-71)	-8.1 (-19.4-13.2)	650 (501-837)	5 (-7.2-25.4)	35 (25-47)	5.3 (-9.1-31.8)	8 (4-11)	-0.2 (-22.5-33.9)	50 (36-68)	682 (513-910)	37 (26-52)	7 (4-12)
Western Sub-Saharan Africa	140,000 (108,000-183,000)	32.7 (27.4-38.2)	1,440,000 (1,160,000-1,820,000)	81 (74.8-87.9)	66,600 (50,000-89,900)	67 (58.3-75)	16,900 (10,100-25,900)	38 (27.6-47.1)	185,000 (143,000-239,000)	2,610,000 (2,060,000-3,290,000)	111,000 (84,000-149,000)	23,400 (14,600-35,300)
Benin	3,890 (3,210-4,730)	23.7 (2.7-42.3)	48,500 (40,400-57,900)	37 (15.2-55.8)	1,700 (1,320-2,170)	46.4 (19.5-70.5)	421 (262-614)	37.2 (5-72)	4,820 (3,730-6,210)	66,400 (51,500-85,000)	2,490 (1,830-3,330)	578 (360-904)
Burkina Faso	8,300 (7,340-9,380)	32.8 (6.9-61.7)	110,000 (100,000-122,000)	32 (6.8-59.4)	3,130 (2,590-3,790)	71.1 (35.1-116)	746 (503-1,100)	66.3 (23-125)	11,000 (8,540-14,000)	146,000 (114,000-184,000)	5,360 (4,050-7,080)	1,240 (777-1,850)
Cabo Verde	8 (6-10)	-14.9 (-22.4--7.1)	158 (120-202)	7.7 (-2-17.8)	4 (3-6)	26.2 (12.4-41.8)	1 (0-1)	-10.7 (-23.7-5.7)	6 (5-8)	170 (129-219)	6 (4-7)	1 (0-1)
Cameroon	4,810 (4,050-5,530)	44.6 (34.7-55.6)	58,900 (49,600-69,600)	94.8 (81.1-110)	2,320 (1,880-2,710)	102 (84-120)	550 (351-792)	67.8 (44.4-94)	6,950 (5,890-7,980)	115,000 (96,600-135,000)	4,690 (3,860-5,510)	923 (595-1,320)
Chad	765 (627-892)	91.7 (78.7-107)	7,700 (6,390-9,240)	113 (98.5-131)	317 (249-384)	115 (98.1-135)	91 (58-131)	109 (81.2-141)	1,470 (1,180-1,710)	16,400 (13,600-19,900)	683 (531-824)	191 (115-279)
Côte d'Ivoire	2,270 (1,880-2,610)	19.5 (10-29)	27,000 (22,200-31,800)	48.1 (37.2-59.8)	1,060 (850-1,230)	55 (40.4-68.9)	245 (155-350)	38.3 (18.8-59.4)	2,720 (2,240-3,160)	40,000 (33,400-48,000)	1,640 (1,330-1,920)	339 (218-491)
Gambia	311 (258-368)	11.4 (2.5-22.1)	3,600 (3,030-4,290)	59.7 (46.6-73.3)	131 (105-159)	65.7 (51.1-85)	31 (20-45)	35.7 (17.5-61.3)	346 (283-411)	5,740 (4,730-6,860)	217 (174-261)	42 (27-60)
Ghana	5,970 (5,270-6,760)	7.2 (-6.4-28.2)	86,500 (74,800-99,600)	34.8 (18.7-59.2)	3,180 (2,690-3,680)	39.4 (20.2-70.4)	628 (430-882)	18.6 (-3.7-52.8)	6,400 (5,680-7,960)	117,000 (99,500-146,000)	4,440 (3,870-5,610)	745 (513-1,060)
Guinea	5,440 (4,490-6,410)	39.9 (29.1-53.4)	61,300 (51,100-74,000)	66.5 (52.9-81.2)	2,620 (2,060-3,110)	67.1 (52.3-85.3)	699 (445-1,030)	54.7 (33-82.6)	7,610 (6,260-8,850)	102,000 (85,600-122,000)	4,380 (3,480-5,200)	1,080 (708-1,570)
Guinea-Bissau	19 (15-25)	8 (-3.6-21.8)	233 (181-303)	38 (24.1-52.5)	10 (7-13)	39.9 (23.7-62.6)	2 (1-3)	22.7 (2.1-53.2)	21 (16-27)	322 (249-415)	13 (10-18)	3 (2-4)
Liberia	275 (226-322)	1.7 (-5-10.1)	3,150 (2,600-3,780)	52.5 (42.3-63.9)	126 (99-152)	61.4 (49.3-77.6)	32 (20-48)	21.6 (5.8-41.3)	279 (228-328)	4,800 (3,910-5,800)	203 (162-244)	39 (25-57)
Mali	1,760 (1,490-2,100)	87.3 (73.1-101)	18,300 (15,400-22,300)	113 (97.6-127)	756 (615-924)	113 (94-132)	215 (137-316)	101 (72.9-131)	3,300 (2,750-3,930)	39,000 (32,500-47,400)	1,610 (1,280-1,970)	433 (272-638)
Mauritania	164 (128-198)	6.6 (-2.5-15.7)	2,290 (1,820-2,780)	49.5 (36.7-63.1)	80 (61-100)	53.1 (37.5-70.8)	17 (11-25)	19.1 (-0.1-38.7)	175 (137-209)	3,420 (2,740-4,120)	123 (93-150)	20 (13-30)
Niger	3,380 (3,020-4,050)	89.1 (72-115)	33,000 (28,600-39,700)	118 (98.6-147)	1,260 (1,070-1,580)	128 (103-163)	364 (243-532)	125 (84.8-165)	6,400 (5,530-8,060)	72,000 (60,800-93,100)	2,870 (2,390-3,760)	818 (532-1,200)
Nigeria	93,900 (66,800-132,000)	30.6 (23.3-38.6)	878,000 (635,000-1,200,000)	94.5 (85.5-104)	45,800 (31,700-66,500)	64.5 (53.4-75.2)	11,900 (6,720-19,700)	29.5 (17.6-41)	123,000 (89,900-168,000)	1,710,000 (1,270,000-2,270,000)	75,400 (53,500-108,000)	15,400 (9,000-24,600)
Sao Tome and Principe	48 (37-62)	-14.7 (-22.6--5.9)	715 (559-898)	30.4 (19.2-42)	24 (18-32)	41.7 (25.7-58.7)	5 (3-8)	-2.6 (-18.6-14.9)	41 (32-52)	932 (725-1,170)	34 (26-45)	5 (3-7)
Senegal	1,770 (1,440-2,070)	21.5 (12.3-30.1)	23,900 (20,100-28,800)	49.7 (39.1-60.6)	883 (708-1,050)	52.9 (40.4-66.7)	200 (129-277)	33.7 (15.5-53.9)	2,150 (1,780-2,530)	35,800 (29,900-42,600)	1,350 (1,090-1,600)	267 (174-383)
Sierra Leone	4,290 (3,550-4,930)	44 (32-55.5)	46,300 (39,200-54,800)	88.4 (73.5-103)	2,020 (1,590-2,380)	89.9 (72-109)	523 (321-754)	66.9 (42.8-96.6)	6,170 (5,080-7,230)	87,300 (72,800-104,000)	3,840 (3,030-4,560)	874 (544-1,250)
Togo	2,230 (1,870-2,610)	19.1 (10.2-27.6)	28,700 (24,200-34,300)	54.1 (42.7-66.2)	1,120 (913-1,320)	61 (48.5-74.7)	258 (166-369)	35.6 (19.6-55.1)	2,650 (2,220-3,120)	44,300 (37,400-52,900)	1,800 (1,490-2,140)	349 (227-506)

Table S11: Number of births, cases, total deaths, and under-5 deaths for Hemoglobin SC disease, 2000 - 2021

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Global	88,100 (68,900-112,000)	14.8 (9.5-19.6)	932,000 (748,000-1,160,000)	41.8 (34.3-48.1)	44,800 (34,100-58,700)	51.1 (42.7-58)	10,800 (7,140-16,100)	35.7 (27.3-43.2)	101,000 (76,200-132,000)	1,320,000 (1,010,000-1,690,000)	67,700 (50,100-90,900)	14,700 (9,360-22,200)
Central Europe, Eastern Europe, and Central Asia	6 (5-7)	-5.5 (-11.1--0.2)	155 (128-195)	-20.1 (-24.6--16.1)	8 (6-9)	-14.1 (-20.1--8.2)	2 (1-3)	-1 (-7.7-6.3)	5 (4-6)	124 (102-153)	7 (5-8)	2 (1-2)
Central Asia	0 (0-1)	18.7 (2.4-21.4)	4 (1-8)	14.6 (0.3-22.6)	0 (0-1)	19.7 (5.2-24.5)	0 (0-0)	22.1 (2.3-28.4)	0 (0-1)	4 (1-9)	0 (0-1)	0 (0-0)
Armenia	0 (0-0)	-18.2 (-19.6-16.7)	0 (0-0)	-22.4 (-27.2-3.9)	0 (0-0)	-13.9 (-19.3-21.4)	0 (0-0)	-8.8 (-15.8-28.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Azerbaijan	0 (0-0)	-5.9 (-3.1--3)	0 (0-1)	2.5 (-4.2-11.5)	0 (0-0)	4.6 (3.1-11.2)	0 (0-0)	-0.7 (-7.9-8.8)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Georgia	0 (0-0)	-14 (-14.2--12.6)	0 (0-0)	-31.5 (-37.7--27.2)	0 (0-0)	-25.6 (-28.9--21.9)	0 (0-0)	-11.9 (-20.6--3.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Kazakhstan	0 (0-0)	51.9 (14.1-604)	1 (0-1)	27.2 (-6.4-409)	0 (0-0)	37.9 (5.4-514)	0 (0-0)	63.9 (25.2-616)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Kyrgyzstan	0 (0-0)	38.9 (-21.8-43.5)	0 (0-1)	28.7 (-17.9-40.3)	0 (0-0)	35.4 (-23.1-42.9)	0 (0-0)	44.2 (-17.9-58.9)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Mongolia	0 (0-0)	34.6 (36.7-37.6)	0 (0-0)	22.3 (9.8-35.6)	0 (0-0)	35 (26.8-43.3)	0 (0-0)	50.1 (34.8-63.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tajikistan	0 (0-0)	34.2 (37.9-37.9)	0 (0-1)	35.7 (24.9-48.1)	0 (0-0)	35.8 (36-42.5)	0 (0-0)	33 (20.5-44)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Turkmenistan	0 (0-0)	4.8 (-25.2-9.8)	0 (0-1)	2.9 (-27.2-15.9)	0 (0-0)	5.8 (-23.5-13.3)	0 (0-0)	7.1 (-21.1-19.5)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Uzbekistan	0 (0-0)	10.4 (-34.5-14)	1 (0-3)	14.4 (-33.6-26.9)	0 (0-0)	20.5 (-26.4-27.2)	0 (0-0)	24.1 (-22.3-35.5)	0 (0-0)	2 (0-3)	0 (0-0)	0 (0-0)
Central Europe	4 (3-5)	-12 (-17.6--5.4)	104 (87-132)	-23.9 (-28.9--18.6)	5 (4-7)	-17.5 (-23.8--10.9)	1 (1-2)	-8.8 (-15.8-0.4)	4 (3-4)	79 (66-99)	4 (4-5)	1 (1-2)
Albania	0 (0-0)	-40 (-52.7--39)	2 (1-3)	-39.8 (-52.1--35.5)	0 (0-0)	-39.6 (-52.4--35.3)	0 (0-0)	-46.6 (-60--41.5)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Bosnia and Herzegovina	0 (0-0)	-40.3 (-50.8--40)	2 (1-3)	-38.5 (-50--35.1)	0 (0-0)	-34.2 (-46.1--29.6)	0 (0-0)	-43.8 (-54--37.3)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Bulgaria	0 (0-0)	-20.9 (-42.6--19.6)	3 (2-4)	-25.5 (-45--16)	0 (0-0)	-23.8 (-44--18.7)	0 (0-0)	-10.4 (-37.8-2.1)	0 (0-0)	2 (1-3)	0 (0-0)	0 (0-0)
Croatia	1 (0-1)	-25.7 (-33.5--18.1)	17 (14-22)	-24.8 (-31.8--17.8)	1 (1-1)	-24.6 (-32--17)	0 (0-0)	-37.6 (-46.2--29.4)	0 (0-1)	13 (10-16)	1 (0-1)	0 (0-0)
Czechia	0 (0-0)	17.2 (-3.7-17.9)	1 (0-2)	-8.7 (-25.4--3)	0 (0-0)	-8.1 (-24.1--1.2)	0 (0-0)	24.7 (2.3-39.4)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Hungary	0 (0-0)	-21 (-41.4--19.2)	4 (2-6)	-21.8 (-41.8--17)	0 (0-0)	-20.3 (-41.3--16)	0 (0-0)	-15.8 (-40.5--7.5)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Montenegro	0 (0-0)	-24.9 (-42.9--23.8)	0 (0-0)	-18.7 (-38.8--12.9)	0 (0-0)	-16.4 (-36.8--12)	0 (0-0)	-25.9 (-44.8--17.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
North Macedonia	0 (0-0)	-13.8 (-35.2--4.7)	1 (1-2)	-11.6 (-31.8--3.2)	0 (0-0)	-8.4 (-30.8--0.6)	0 (0-0)	-15.4 (-38.3--4.4)	0 (0-0)	1 (1-1)	0 (0-0)	0 (0-0)
Poland	1 (1-2)	9.4 (-7.9-28)	39 (30-54)	-21.1 (-32.4--8)	2 (1-3)	-7.1 (-22.3-8.7)	0 (0-1)	19.6 (-1-42.8)	2 (1-2)	31 (25-41)	2 (1-2)	0 (0-1)
Romania	1 (1-2)	-25.9 (-30.1--7.4)	26 (19-33)	-28.8 (-36--14.4)	1 (1-2)	-25.3 (-30.4--7)	0 (0-1)	-19 (-29.1-6.7)	1 (1-1)	18 (14-24)	1 (1-1)	0 (0-1)
Serbia	0 (0-0)	-24.6 (-25.8--1.1)	1 (0-2)	-20.6 (-25.4-0.1)	0 (0-0)	-20.7 (-24.4-1.4)	0 (0-0)	-33.5 (-39.3--8.6)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Slovakia	0 (0-0)	-1.1 (-22.5-27)	7 (5-8)	-20.2 (-36.2-2.5)	0 (0-0)	-16.8 (-35-7.1)	0 (0-0)	-6.3 (-29.2-22)	0 (0-0)	5 (4-7)	0 (0-0)	0 (0-0)
Slovenia	0 (0-0)	-1.7 (-31.7-2)	2 (1-2)	-13.7 (-38.1--6.6)	0 (0-0)	-9.4 (-38.1--2.3)	0 (0-0)	0 (-33.1-14.8)	0 (0-0)	2 (1-2)	0 (0-0)	0 (0-0)
Eastern Europe	1 (1-2)	7.8 (-0.1-10.3)	48 (32-69)	-14.5 (-20.6--11.6)	2 (2-3)	-9.8 (-18.4--4.2)	0 (0-1)	17.9 (7.4-22)	2 (1-2)	41 (28-58)	2 (1-3)	0 (0-1)
Belarus	0 (0-0)	1.3 (-35.1-4.2)	2 (1-3)	-19 (-46.4--13)	0 (0-0)	-10.5 (-40.4--3.3)	0 (0-0)	10.2 (-25-26)	0 (0-0)	2 (1-3)	0 (0-0)	0 (0-0)
Estonia	0 (0-0)	-0.3 (-41.1-1.8)	0 (0-0)	-18.2 (-53.6--12.6)	0 (0-0)	-14.5 (-49.5--9.8)	0 (0-0)	3.9 (-35-14.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Latvia	0 (0-0)	-13.8 (-47.4--10.1)	1 (1-1)	-34.2 (-59.9--28.2)	0 (0-0)	-28.6 (-56.4--22.8)	0 (0-0)	-2.8 (-43-13.3)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Lithuania	0 (0-0)	-18.7 (-20.9-7.8)	2 (1-2)	-34.8 (-39.2--10.6)	0 (0-0)	-27.5 (-32.3--2.8)	0 (0-0)	-24.2 (-32.8-5.1)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Republic of Moldova	0 (0-0)	-35.7 (-48.9--34.2)	1 (1-1)	-33.4 (-47.8--27.6)	0 (0-0)	-28.6 (-44--23.2)	0 (0-0)	-36.2 (-52.1--28)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Russian Federation	1 (1-1)	18.6 (7-21)	31 (20-46)	-9.1 (-16.7--5.9)	1 (1-2)	-4.9 (-15.8-1.6)	0 (0-0)	32.7 (19.5-37.2)	1 (1-2)	28 (19-40)	1 (1-2)	0 (0-1)
Ukraine	0 (0-0)	-14.4 (-31.5--13.2)	11 (7-16)	-22.8 (-38.3--18.3)	0 (0-1)	-19 (-36.5--14.5)	0 (0-0)	-12.1 (-27.8--4.2)	0 (0-0)	8 (5-12)	0 (0-1)	0 (0-0)
High-income	799 (672-943)	-12.8 (-15.4--10.3)	15,100 (13,000-17,800)	8.7 (6.5-11.1)	797 (667-942)	-5.4 (-8--3)	342 (262-435)	-31.7 (-37.4--26.9)	697 (579-834)	16,400 (14,200-19,400)	754 (629-895)	234 (169-313)
Australasia	1 (0-1)	22.8 (5-43.4)	11 (9-14)	11.5 (-4.3-26.1)	1 (0-1)	17.3 (0.3-37.5)	0 (0-0)	16 (-0.8-40.3)	1 (1-1)	13 (10-16)	1 (1-1)	0 (0-0)
Australia	0 (0-0)	31 (15.4-63.6)	7 (5-9)	19.8 (8.7-42.3)	0 (0-0)	24.7 (10.9-57.6)	0 (0-0)	23 (6.6-66.8)	0 (0-1)	8 (6-11)	0 (0-1)	0 (0-0)
New Zealand	0 (0-0)	11.2 (-17.4-22.8)	5 (4-6)	-0.2 (-25-14.3)	0 (0-0)	6.4 (-21.6-19.1)	0 (0-0)	3.5 (-25.1-22.6)	0 (0-0)	5 (4-6)	0 (0-0)	0 (0-0)
High-income Asia Pacific	1 (1-2)	-27.9 (-38.4--23.5)	24 (16-36)	-18.2 (-29.5--11)	1 (1-2)	-16.6 (-29.2--10)	1 (0-1)	-28.6 (-41.3--19.9)	1 (1-1)	20 (13-30)	1 (1-2)	0 (0-1)
Brunei Darussalam	0 (0-0)	-10.8 (-11.5-18.5)	0 (0-0)	6.8 (-6.1-33.7)	0 (0-0)	1.2 (-4.2-34)	0 (0-0)	-13.7 (-22-21.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Japan	0 (0-1)	-28 (-31.9--27.5)	6 (0-17)	-20.9 (-24.3--18.9)	0 (0-1)	-22.1 (-25.7--19.6)	0 (0-0)	-24.4 (-26.8--22.7)	0 (0-1)	5 (0-14)	0 (0-1)	0 (0-0)
Aichi	0 (0-0)	-23.2 (-40.4--22.1)	0 (0-1)	-13.1 (-31.8--8)	0 (0-0)	-15.9 (-34.7--12.9)	0 (0-0)	-19.2 (-34.5--12)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Akita	0 (0-0)	-50.3 (-71.9--48.8)	0 (0-0)	-45.6 (-66.5--40.5)	0 (0-0)	-44.2 (-67--40.7)	0 (0-0)	-49.1 (-64.1--43.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Aomori	0 (0-0)	-44.6 (-44.6--44.5)	0 (0-0)	-40.2 (-43.5--36.8)	0 (0-0)	-38.9 (-40.5--37.2)	0 (0-0)	-43.7 (-47.7--39.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Chiba	0 (0-0)	-28 (-28--27.9)	0 (0-1)	-18.7 (-24.1--13.8)	0 (0-0)	-21 (-23.1--18.9)	0 (0-0)	-24.2 (-30.6--17.5)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Ehime	0 (0-0)	-39.9 (-66--38)	0 (0-0)	-32.9 (-61.3--26.9)	0 (0-0)	-33.4 (-61.8--29.8)	0 (0-0)	-36.8 (-56.2--30.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Fukui	0 (0-0)	-33.9 (-33.9--33.8)	0 (0-0)	-26.4 (-29.8--22.4)	0 (0-0)	-26.7 (-28.1--25)	0 (0-0)	-33.7 (-38.4--29)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Fukuoka	0 (0-0)	-18.1 (-18.1--18)	0 (0-1)	-16.7 (-21.3--12.7)	0 (0-0)	-16.5 (-18.4--14.7)	0 (0-0)	-13.2 (-19.3--7.3)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Fukushima	0 (0-0)	-44 (-44.1--44.1)	0 (0-0)	-39.5 (-42.9--35.9)	0 (0-0)	-36.7 (-38.7--34.7)	0 (0-0)	-42.1 (-46.4--38)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Gifu	0 (0-0)	-37.5 (-51.5--36.6)	0 (0-0)	-27.1 (-43.1--22)	0 (0-0)	-29.3 (-44.7--26.6)	0 (0-0)	-34.3 (-45.4--28.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Gunma	0 (0-0)	-38.7 (-38.7--38.6)	0 (0-0)	-26.2 (-30.5--22.6)	0 (0-0)	-28 (-29.9--26.2)	0 (0-0)	-35.8 (-40.1--30.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Hiroshima	0 (0-0)	-28.5 (-28.5--28.3)	0 (0-0)	-19.8 (-24.5--15.4)	0 (0-0)	-21.8 (-23.4--20.2)	0 (0-0)	-23.8 (-29.1--17.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Hokkaidō	0 (0-0)	-37.1 (-37.9--18.9)	0 (0-1)	-30.7 (-35.1--12.5)	0 (0-0)	-30.6 (-33.3--10.9)	0 (0-0)	-33.5 (-39.5--18.8)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Hyōgo	0 (0-0)	-30.3 (-46--29.4)	0 (0-1)	-23.7 (-40.1--18.8)	0 (0-0)	-25.3 (-41.5--22.4)	0 (0-0)	-28.2 (-40.3--21.4)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Ibaraki	0 (0-0)	-37 (-37--36.9)	0 (0-0)	-28.3 (-32.5--24.1)	0 (0-0)	-28.7 (-30.4--27)	0 (0-0)	-33.6 (-37.8--28.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Ishikawa	0 (0-0)	-30.4 (-31.3--10.3)	0 (0-0)	-22 (-26.7--0.9)	0 (0-0)	-23.6 (-26--1.5)	0 (0-0)	-28.1 (-32.9--12.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Iwate	0 (0-0)	-43.2 (-43.1--43.1)	0 (0-0)	-35 (-38.1--31.4)	0 (0-0)	-33.9 (-35.7--32)	0 (0-0)	-39.8 (-44.2--36)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Kagawa	0 (0-0)	-35.2 (-35.3--35.1)	0 (0-0)	-25.5 (-29.5--21.5)	0 (0-0)	-27.3 (-29--25.5)	0 (0-0)	-32.6 (-37.3--27.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Kagoshima	0 (0-0)	-28.8 (-28.8--28.8)	0 (0-0)	-30.2 (-33.4--25.8)	0 (0-0)	-27.1 (-28.6--25.5)	0 (0-0)	-25.5 (-30.9--20.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Kanagawa	0 (0-0)	-27.5 (-26.8--26.6)	0 (0-1)	-14.9 (-20.1--9.8)	0 (0-0)	-17.5 (-19.5--14.1)	0 (0-0)	-20.8 (-27.6--13.5)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Kōchi	0 (0-0)	-39.5 (-39.7--39.7)	0 (0-0)	-34.1 (-37.7--30.7)	0 (0-0)	-34.4 (-35.8--32.8)	0 (0-0)	-36.6 (-41.2--31.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Kumamoto	0 (0-0)	-25.2 (-25.2--25.1)	0 (0-0)	-23.7 (-27.4--18.1)	0 (0-0)	-21.8 (-23.1--20.1)	0 (0-0)	-20.1 (-27.2--14.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Kyōto	0 (0-0)	-25.4 (-26.1--26)	0 (0-0)	-20.1 (-25--15.5)	0 (0-0)	-21.6 (-24.2--20.5)	0 (0-0)	-23.2 (-29.5--15.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Mie	0 (0-0)	-35.9 (-35.9--35.8)	0 (0-0)	-25.3 (-29.4--21.4)	0 (0-0)	-26.7 (-28.4--25)	0 (0-0)	-32.6 (-37.4--26.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Miyagi	0 (0-0)	-32.2 (-32.2--32.1)	0 (0-0)	-24.8 (-28.2--20.7)	0 (0-0)	-23.4 (-25.3--21.3)	0 (0-0)	-27.4 (-32.5--22.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Miyazaki	0 (0-0)	-34.5 (-34.5--34.4)	0 (0-0)	-28.8 (-32.7--25)	0 (0-0)	-28.5 (-29.7--27)	0 (0-0)	-31 (-35.3--25.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Nagano	0 (0-0)	-39.6 (-39.6--39.5)	0 (0-0)	-28.6 (-32.4--25.5)	0 (0-0)	-30.2 (-32--28.2)	0 (0-0)	-36.3 (-39.8--31.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Nagasaki	0 (0-0)	-36.2 (-63.9--34.2)	0 (0-0)	-35 (-61.1--29.5)	0 (0-0)	-32.7 (-60.4--29.4)	0 (0-0)	-34.6 (-55.4--28.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Nara	0 (0-0)	-38.9 (-38.9--38.8)	0 (0-0)	-30.6 (-33.9--27.3)	0 (0-0)	-31.8 (-33.5--30.2)	0 (0-0)	-35 (-38.8--30.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Niigata	0 (0-0)	-37.7 (-37.8--37.6)	0 (0-0)	-30.5 (-33.7--26.8)	0 (0-0)	-30.5 (-32.1--28.9)	0 (0-0)	-35.7 (-40--30.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Ōita	0 (0-0)	-30.1 (-30.1--30)	0 (0-0)	-26.6 (-30.3--23.2)	0 (0-0)	-26.5 (-27.8--24.9)	0 (0-0)	-27.6 (-33--22.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Okayama	0 (0-0)	-27.5 (-27.6--27.5)	0 (0-0)	-20.3 (-25--14.7)	0 (0-0)	-21.7 (-23--20.2)	0 (0-0)	-24.3 (-30.1--16.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Okinawa	0 (0-0)	-13.6 (-51.1--10.9)	0 (0-0)	-10.2 (-46.4--2.2)	0 (0-0)	-8.2 (-46.6--3.5)	0 (0-0)	-7.7 (-38.3--1.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Ōsaka	0 (0-0)	-30.2 (-30.2--30.1)	0 (0-1)	-20.3 (-24.5--15.1)	0 (0-0)	-23.7 (-25.6--21.7)	0 (0-0)	-27 (-33.4--21.9)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Saga	0 (0-0)	-32 (-31.9--31.9)	0 (0-0)	-26.2 (-30.4--22)	0 (0-0)	-25.5 (-26.7--24)	0 (0-0)	-28.7 (-33.6--22.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Saitama	0 (0-0)	-27.9 (-27.9--27.8)	0 (0-1)	-19 (-23.5--14.6)	0 (0-0)	-21.1 (-23.1--19)	0 (0-0)	-23.4 (-29.3--17.3)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Shiga	0 (0-0)	-27.1 (-43.4--26.1)	0 (0-0)	-15.8 (-34.5--9.6)	0 (0-0)	-17.4 (-35.8--14.1)	0 (0-0)	-22.8 (-36.8--15.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Shimane	0 (0-0)	-30.6 (-30.6--30.5)	0 (0-0)	-28.3 (-31.5--24.8)	0 (0-0)	-27.5 (-28.7--26.2)	0 (0-0)	-27.3 (-32.2--22.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Shizuoka	0 (0-0)	-34 (-34--33.9)	0 (0-1)	-25.3 (-29--20.8)	0 (0-0)	-26.6 (-28.2--24.7)	0 (0-0)	-30.4 (-37.1--25.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tochigi	0 (0-0)	-33.7 (-33.7--33.7)	0 (0-0)	-24.7 (-28.5--20.5)	0 (0-0)	-25 (-26.7--23.1)	0 (0-0)	-28.5 (-33.3--23.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tokushima	0 (0-0)	-37.2 (-64.6--35.4)	0 (0-0)	-33.8 (-59.1--28)	0 (0-0)	-32.6 (-60.4--29.2)	0 (0-0)	-34.2 (-57.7--26.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tōkyō	0 (0-0)	10.6 (7.4-7.6)	1 (0-1)	3.9 (-4.5-9.9)	0 (0-0)	4 (-2.1-4.7)	0 (0-0)	16.3 (5.4-28.8)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Tottori	0 (0-0)	-30.8 (-30.8--30.6)	0 (0-0)	-26.8 (-30.3--23.1)	0 (0-0)	-26.2 (-27.4--24.9)	0 (0-0)	-27.3 (-32.8--21)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Toyama	0 (0-0)	-38.5 (-38.5--38.4)	0 (0-0)	-27.5 (-31.7--23.9)	0 (0-0)	-29.5 (-31--27.9)	0 (0-0)	-32.7 (-36.8--26.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Wakayama	0 (0-0)	-40.5 (-40.5--40.4)	0 (0-0)	-33 (-36.3--29.7)	0 (0-0)	-33.4 (-34.8--31.9)	0 (0-0)	-38.2 (-42--33.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Yamagata	0 (0-0)	-40.5 (-40.6--40.4)	0 (0-0)	-33.1 (-36.8--29)	0 (0-0)	-32.4 (-34--30.5)	0 (0-0)	-38.1 (-42.7--32.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Yamaguchi	0 (0-0)	-38.7 (-65.3--36.7)	0 (0-0)	-32.2 (-60.5--25.8)	0 (0-0)	-33.5 (-62--30)	0 (0-0)	-35 (-55.4--28.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Yamanashi	0 (0-0)	-41.8 (-67.1--40)	0 (0-0)	-33 (-60.5--26.6)	0 (0-0)	-33 (-61.7--28.6)	0 (0-0)	-41 (-59--35.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Republic of Korea	1 (1-1)	-30 (-44.4--24.5)	17 (11-24)	-20.2 (-36--9.7)	1 (1-1)	-18 (-35.5--9.1)	0 (0-1)	-32.5 (-50--21.7)	1 (0-1)	13 (9-19)	1 (1-1)	0 (0-0)
Singapore	0 (0-0)	-7.7 (-26.6--6.8)	2 (1-2)	9.9 (-10.9-22.7)	0 (0-0)	19 (-2.9-28.7)	0 (0-0)	17.2 (-0.9-35.5)	0 (0-0)	2 (1-2)	0 (0-0)	0 (0-0)
High-income North America	421 (367-477)	-27.4 (-30--25.1)	7,730 (6,910-8,690)	11.6 (8.1-15.1)	399 (347-455)	-16.9 (-20.3--13.7)	216 (171-268)	-53.3 (-58.1--49.2)	306 (265-346)	8,630 (7,760-9,580)	332 (291-373)	101 (75-130)
Canada	4 (3-5)	-71.2 (-79.8--57.6)	56 (44-71)	-49.4 (-61.5--30.8)	4 (3-6)	-69.5 (-78.3--54.9)	3 (2-5)	-80.8 (-87.9--67.9)	1 (1-2)	28 (22-36)	1 (1-2)	1 (0-1)
Greenland	0 (0-0)	-17.6 (-25.9--7.1)	0 (0-0)	-14.5 (-22.9--4.6)	0 (0-0)	-13.1 (-21.9--0.9)	0 (0-0)	-17.6 (-28.9--1.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
United States of America	415 (362-470)	-29.1 (-31.7--26.9)	7,660 (6,840-8,600)	13.5 (9.9-16.9)	394 (342-448)	-15.2 (-18.6--11.9)	212 (168-263)	-52.2 (-57.2--47.9)	294 (255-333)	8,690 (7,810-9,650)	334 (292-376)	101 (76-131)
Alabama	15 (12-17)	-30.4 (-37.5--22.7)	227 (198-261)	11.2 (1.4-21.5)	14 (12-17)	-22 (-29.9--13.7)	9 (7-11)	-51.7 (-60.8--42)	10 (8-12)	253 (218-287)	11 (9-13)	4 (3-6)
Alaska	0 (0-0)	-37.9 (-76.7--16.8)	1 (0-3)	5.9 (-58.8-51.6)	0 (0-0)	-25.1 (-72.2-2.7)	0 (0-0)	-51.9 (-84.9--30.1)	0 (0-0)	1 (0-3)	0 (0-0)	0 (0-0)
Arizona	3 (3-4)	-10.6 (-18.1--1.2)	60 (49-72)	51.8 (38.9-66.2)	3 (2-4)	20.8 (10.1-32.5)	2 (1-2)	-27.6 (-39.3--14.9)	3 (2-4)	91 (75-110)	4 (3-4)	1 (1-2)
Arkansas	5 (4-7)	-54.6 (-60.4--47.8)	61 (48-76)	-7.7 (-20.3-6.9)	5 (4-7)	-49.5 (-56--42.1)	4 (3-5)	-70.3 (-76--63.8)	2 (2-3)	56 (43-72)	3 (2-4)	1 (1-2)
California	20 (17-23)	-36.9 (-42.2--30.2)	377 (331-423)	6.8 (-0.6-15)	18 (15-21)	-16.9 (-23.7--8.4)	9 (7-12)	-54.2 (-62.4--44.7)	12 (11-14)	402 (357-451)	15 (13-17)	4 (3-6)
Colorado	2 (2-3)	-23.4 (-32.1--14.5)	49 (37-63)	15.7 (1-30.8)	2 (2-3)	-7.8 (-18.3-4.4)	1 (1-2)	-47.8 (-56.7--37.9)	2 (1-3)	56 (41-75)	2 (1-3)	1 (0-1)
Connecticut	5 (4-6)	-40.4 (-45.9--34.6)	108 (93-125)	-2.4 (-10.7-6.1)	5 (4-6)	-20.5 (-28--13)	2 (2-3)	-59.5 (-67--51.7)	3 (2-4)	105 (90-124)	4 (3-5)	1 (1-1)
Delaware	3 (3-4)	-7.5 (-16.9-0.7)	58 (50-68)	31.9 (21.8-44)	3 (2-3)	10.2 (-1-20)	1 (1-2)	-30.3 (-42.5--18)	3 (2-3)	77 (66-90)	3 (3-4)	1 (1-1)
District of Columbia	4 (3-5)	-34.2 (-44.8--23.2)	32 (25-41)	24.9 (4.8-49.1)	3 (3-4)	-31.2 (-41.5--19.8)	3 (2-3)	-53.7 (-65--41.8)	2 (2-3)	40 (30-52)	2 (2-3)	1 (1-2)
Florida	33 (29-37)	-17.1 (-23.7--9.5)	631 (572-700)	34.8 (26.1-44.6)	32 (28-36)	5 (-3.2-14.2)	16 (13-20)	-40.4 (-51--29.9)	28 (24-31)	850 (779-930)	34 (30-37)	10 (7-12)
Georgia	28 (25-33)	-17.3 (-24.7--9.5)	520 (470-576)	30.8 (22.7-39.6)	25 (22-29)	3.5 (-6.2-13.4)	13 (10-16)	-37 (-47.9--24.3)	23 (21-26)	681 (622-746)	26 (23-29)	8 (6-11)
Hawaii	0 (0-1)	-59 (-83.2--37.1)	6 (3-11)	-30.3 (-71.4-11.8)	0 (0-1)	-47.7 (-78.5--19.2)	0 (0-0)	-68.6 (-87.5--50.4)	0 (0-0)	4 (2-9)	0 (0-0)	0 (0-0)
Idaho	0 (0-0)	8.2 (-6.7-26.5)	4 (3-6)	47.9 (27.9-71.7)	0 (0-0)	22.9 (5.3-43)	0 (0-0)	-25.7 (-41--8)	0 (0-0)	6 (4-9)	0 (0-0)	0 (0-0)
Illinois	17 (14-20)	-62.7 (-67.2--58)	215 (184-250)	-11.5 (-19.7--2.7)	16 (13-19)	-51.4 (-57.4--45)	11 (8-14)	-75.9 (-81.5--69.4)	6 (5-7)	191 (163-220)	8 (6-9)	3 (2-4)
Indiana	7 (6-8)	-26.3 (-33.3--19)	127 (111-145)	9.9 (0.9-18.5)	7 (6-8)	-16.2 (-24.2--8)	4 (3-5)	-49.6 (-58.1--40)	5 (4-6)	140 (122-161)	6 (5-6)	2 (1-2)
Iowa	1 (1-2)	-38 (-48.2--27.4)	24 (18-34)	-14.1 (-29.2-0.7)	1 (1-2)	-32.2 (-43.3--20.7)	1 (0-1)	-58.7 (-66.8--49.3)	1 (0-1)	21 (13-30)	1 (0-1)	0 (0-0)
Kansas	2 (2-3)	-37.2 (-44.2--29.4)	42 (32-53)	6.1 (-6.6-19)	2 (2-3)	-25.6 (-33.7--16.4)	1 (1-2)	-56.1 (-64.4--47)	2 (1-2)	44 (34-56)	2 (1-2)	1 (0-1)
Kentucky	2 (2-3)	-26.3 (-33.3--18.6)	40 (30-52)	12.1 (1.1-25)	2 (2-3)	-18.1 (-25.4--9.9)	1 (1-2)	-48.3 (-55.8--40)	2 (1-2)	45 (34-59)	2 (2-3)	1 (0-1)
Louisiana	15 (13-18)	-40.7 (-46.6--33.5)	215 (190-244)	-1.9 (-10.4-6.8)	14 (12-17)	-35.6 (-42.1--27.8)	9 (7-12)	-60.7 (-68.3--51.6)	9 (8-10)	211 (188-236)	9 (8-11)	4 (3-5)
Maine	0 (0-0)	-31 (-76.5--16.8)	1 (0-2)	-3.8 (-64.1-23.6)	0 (0-0)	-16.4 (-71.7-4.1)	0 (0-0)	-54.4 (-86.8--38.8)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Maryland	18 (16-21)	-27.5 (-34.5--20.9)	341 (304-381)	14.3 (5.8-23.1)	18 (15-21)	-12.8 (-21.4--4.6)	10 (7-12)	-49.4 (-58.9--39.4)	13 (12-15)	390 (347-434)	15 (13-18)	5 (3-6)
Massachusetts	9 (7-10)	-29.3 (-35.2--23.1)	207 (178-239)	1.9 (-6.2-10.2)	8 (7-10)	-12.4 (-19.3--4.7)	4 (3-5)	-54.2 (-61.8--45.6)	6 (5-7)	211 (180-244)	7 (6-9)	2 (1-2)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Michigan	17 (14-19)	-38.7 (-44.7--33.4)	315 (282-354)	-7.6 (-14.1--0.5)	17 (14-19)	-30 (-36.7--23.6)	9 (7-11)	-61.5 (-69.5--53.5)	10 (9-12)	291 (260-324)	12 (10-13)	3 (3-5)
Minnesota	2 (2-3)	-28.2 (-38.5--18.4)	49 (36-65)	6.8 (-9-25.3)	2 (2-3)	-17.3 (-29--5.9)	1 (1-2)	-50.6 (-60.3--41.5)	2 (1-2)	52 (36-71)	2 (1-3)	1 (0-1)
Mississippi	14 (12-17)	-44.4 (-49.9--38.5)	187 (162-215)	-1.2 (-9.3-7.4)	14 (11-16)	-36.6 (-43--29.5)	9 (7-11)	-60.9 (-68.6--53.9)	8 (7-9)	185 (160-211)	9 (7-10)	4 (3-5)
Missouri	9 (8-11)	-34.1 (-39.8--27.7)	169 (146-196)	3.2 (-4.9-11.8)	9 (8-11)	-23.2 (-29.9--15.8)	5 (4-6)	-54.6 (-62.1--46.3)	6 (5-7)	174 (151-202)	7 (6-8)	2 (2-3)
Montana	0 (0-0)	-17.6 (-88.1-1.6)	0 (0-1)	14.5 (-81.4-52.5)	0 (0-0)	-9.6 (-86.8-14.2)	0 (0-0)	-44.2 (-92.8--24.5)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Nebraska	1 (1-1)	-32.7 (-43.3--23)	16 (11-23)	4 (-14-22.1)	1 (1-1)	-26.8 (-38.7--16.8)	1 (0-1)	-52.9 (-61.5--42.7)	1 (0-1)	17 (11-25)	1 (0-1)	0 (0-0)
Nevada	2 (2-3)	-22.6 (-32.5--13.6)	34 (28-42)	54.8 (37.7-74.6)	2 (2-3)	3.5 (-9.7-16.5)	1 (1-2)	-39.9 (-52.1--26.7)	2 (1-2)	53 (43-65)	2 (2-3)	1 (1-1)
New Hampshire	0 (0-0)	-28 (-45.8--12.5)	5 (3-8)	-1.9 (-25.8-20.4)	0 (0-0)	-9.6 (-32.2-9.4)	0 (0-0)	-55 (-70.5--40.7)	0 (0-0)	5 (3-7)	0 (0-0)	0 (0-0)
New Jersey	15 (13-18)	-34.8 (-39.9--29.1)	313 (276-354)	1.2 (-6.4-8.7)	15 (13-17)	-20.7 (-27--13.9)	7 (6-9)	-56.7 (-64.3--48.1)	10 (9-11)	317 (281-354)	12 (10-13)	3 (2-4)
New Mexico	0 (0-0)	-30.5 (-78.6--23.8)	0 (0-1)	21.7 (-58.9-44.3)	0 (0-0)	-9.9 (-72.8-1.7)	0 (0-0)	-47.8 (-86--38.2)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
New York	34 (30-38)	-30.3 (-36.2--24.5)	858 (785-946)	0.8 (-5-6.8)	33 (29-37)	-14.2 (-21.3--6.5)	12 (9-17)	-58.9 (-68.1--49.4)	24 (21-26)	866 (794-942)	28 (25-31)	5 (4-7)
North Carolina	19 (16-21)	-20.8 (-27.6--13.3)	346 (314-383)	27.5 (19.4-36.3)	17 (15-20)	-3.3 (-11.7-6)	9 (7-12)	-42.9 (-53.3--32.1)	15 (13-17)	442 (400-486)	17 (15-19)	5 (4-7)
North Dakota	0 (0-0)	17.1 (-68.6-36.8)	0 (0-1)	33.8 (-61.5-68.6)	0 (0-0)	7.3 (-71.1-27.7)	0 (0-0)	-25 (-83--1.6)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Ohio	14 (12-16)	-35.9 (-42--29.4)	249 (218-281)	0.2 (-7.8-7.9)	14 (12-16)	-28.4 (-35.5--20.6)	8 (6-10)	-60.3 (-68.2--51.2)	9 (8-10)	249 (221-279)	10 (8-11)	3 (2-4)
Oklahoma	3 (3-4)	-44 (-51.1--36.9)	47 (37-60)	-2.8 (-15.8-11.6)	3 (3-4)	-38.2 (-45.9--30.5)	2 (2-3)	-61.2 (-68.3--53.5)	2 (1-3)	46 (35-59)	2 (2-3)	1 (1-1)
Oregon	1 (1-2)	-15.4 (-22.4--4.4)	24 (17-33)	28.9 (17.2-44.1)	1 (1-2)	2.8 (-6.3-15.2)	1 (0-1)	-43.9 (-51.3--35.4)	1 (1-1)	31 (22-43)	1 (1-2)	0 (0-0)
Pennsylvania	12 (11-14)	-30.6 (-37.5--23.8)	251 (222-285)	3.5 (-4.4-11.5)	13 (11-15)	-20.3 (-27.9--12.7)	7 (5-9)	-55.2 (-64.4--45.8)	9 (7-10)	259 (230-293)	10 (9-12)	3 (2-4)
Rhode Island	1 (1-2)	-76.1 (-81.6--70)	21 (14-31)	-61.6 (-70.6--51.5)	1 (1-2)	-71.6 (-78--64.6)	1 (0-1)	-85.3 (-88.9--81.5)	0 (0-0)	8 (5-13)	0 (0-0)	0 (0-0)
South Carolina	11 (9-12)	-33 (-39--25.3)	166 (148-188)	15.8 (7-24.7)	10 (9-12)	-23.2 (-30.3--14.7)	6 (5-8)	-56.9 (-64.8--47.1)	7 (6-8)	193 (173-214)	8 (7-9)	3 (2-4)
South Dakota	0 (0-0)	-30.6 (-76.4-5)	1 (0-3)	0 (-63.1-58.9)	0 (0-0)	-26.7 (-74.9-12.4)	0 (0-0)	-50.3 (-85.3--20.3)	0 (0-0)	1 (0-3)	0 (0-0)	0 (0-0)
Tennessee	13 (11-15)	-16 (-23.4--8.2)	229 (204-258)	23.1 (14.2-32.5)	12 (11-14)	-7.4 (-15.7-0.9)	7 (5-9)	-42.9 (-53.9--31.4)	11 (9-12)	282 (250-316)	12 (10-13)	4 (3-5)
Texas	30 (26-34)	-8 (-15.3-1.3)	580 (526-645)	41.9 (33.1-51)	25 (21-29)	12.8 (3.2-25.9)	12 (9-16)	-34.3 (-48.4--18.5)	27 (24-31)	823 (751-903)	28 (24-32)	8 (6-11)
Utah	1 (1-1)	-17.9 (-31.4--4.8)	12 (8-17)	38.9 (16.7-63.1)	1 (0-1)	2.2 (-15.6-18.6)	0 (0-1)	-43 (-56.5--30.1)	1 (0-1)	17 (12-23)	1 (0-1)	0 (0-0)
Vermont	0 (0-0)	-86.9 (-99.2--17.2)	1 (0-3)	-81.4 (-98.8-15.4)	0 (0-0)	-84 (-99-0.8)	0 (0-0)	-91.4 (-99.5--43.4)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Virginia	16 (13-18)	-28 (-35.1--19.9)	273 (238-311)	21.5 (11.5-32.4)	15 (13-18)	-13.9 (-22.6--4)	9 (7-11)	-51.3 (-60.9--40.1)	11 (10-13)	331 (293-376)	13 (11-15)	4 (3-6)
Washington	2 (2-3)	-3.4 (-12.5-6.1)	53 (41-68)	27.7 (15.7-41.4)	2 (2-3)	9.3 (-1.5-20.7)	1 (1-1)	-35.4 (-44.2--26.5)	2 (2-3)	67 (52-87)	2 (2-3)	1 (0-1)
West Virginia	0 (0-1)	-46.3 (-54.9--35.7)	5 (3-8)	-8.1 (-27.4-13.8)	0 (0-1)	-37.7 (-47.8--25)	0 (0-0)	-61.2 (-68.6--53.2)	0 (0-0)	5 (3-8)	0 (0-0)	0 (0-0)
Wisconsin	5 (4-6)	-36.4 (-43--29.8)	104 (85-126)	-7.2 (-16.3-2.7)	5 (4-6)	-25.2 (-32.5--17.9)	2 (2-3)	-57.2 (-64.2--49.1)	3 (2-4)	96 (78-116)	4 (3-4)	1 (1-1)
Wyoming	0 (0-0)	-85 (-99.1--8.7)	1 (0-2)	-76.2 (-98.6-41)	0 (0-0)	-82.1 (-99-9)	0 (0-0)	-88.9 (-99.3--29.9)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Southern Latin America	0 (0-1)	-4.2 (-9.4-19.6)	4 (1-7)	4.9 (-6.1-31.1)	0 (0-1)	2.3 (-5.2-26.7)	0 (0-0)	-4 (-12.8-15.8)	0 (0-1)	4 (1-8)	0 (0-1)	0 (0-0)
Argentina	0 (0-0)	-2.2 (-6.6-29.8)	3 (1-5)	7.3 (-6.1-42.8)	0 (0-0)	3.2 (0.4-36.2)	0 (0-0)	-2.9 (-11.6-23.2)	0 (0-0)	3 (1-5)	0 (0-0)	0 (0-0)
Chile	0 (0-0)	-9.1 (-11.7-66.7)	1 (0-2)	1.5 (-18-75.7)	0 (0-0)	2.1 (-4.2-87.2)	0 (0-0)	-5.9 (-17-83.1)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Uruguay	0 (0-0)	-11.5 (-13.9-18.5)	0 (0-0)	-7.2 (-17.8-32.8)	0 (0-0)	-8.2 (-12-22.6)	0 (0-0)	-12.8 (-20.9-12.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Western Europe	376 (296-468)	3.5 (0.3-6.8)	7,340 (5,950-9,150)	5.9 (2.7-9.1)	395 (311-489)	6.4 (3.3-9.6)	126 (88-174)	5.2 (0-10.1)	389 (305-488)	7,780 (6,260-9,750)	420 (332-524)	132 (93-184)
Andorra	0 (0-0)	-16.6 (-23.3--8.8)	1 (1-1)	6.4 (-2.7-15.8)	0 (0-0)	3.8 (-5.3-15.2)	0 (0-0)	-27.7 (-37.1--16.2)	0 (0-0)	1 (1-1)	0 (0-0)	0 (0-0)
Austria	2 (2-3)	45.1 (30.7-60)	55 (44-68)	23.2 (12.8-33.7)	3 (2-4)	32.2 (19.3-45.6)	1 (1-1)	43.1 (21.3-67.7)	3 (3-4)	68 (54-85)	4 (3-5)	1 (1-2)
Belgium	3 (2-4)	2.6 (-5.1-12.2)	59 (45-76)	3.4 (-4.3-11)	3 (2-4)	4.9 (-2.7-14.2)	1 (1-2)	4 (-8.1-20.3)	3 (2-4)	61 (46-79)	3 (3-5)	1 (1-2)
Cyprus	5 (4-6)	41.1 (29.4-55.5)	107 (91-125)	20.8 (12.5-30.6)	5 (4-7)	31.2 (19.3-45.8)	2 (1-2)	35.1 (16.8-58.2)	6 (5-8)	129 (109-151)	7 (6-8)	2 (2-3)
Denmark	8 (6-10)	-1.8 (-9.7-6.7)	158 (131-190)	0.9 (-6-8.5)	8 (6-10)	1.2 (-7.3-10.3)	3 (2-4)	-7 (-20.7-8.7)	8 (6-9)	160 (133-192)	8 (7-10)	2 (2-3)
Finland	6 (5-7)	-20.2 (-27.6--11.9)	124 (106-145)	-12.5 (-19.9--5.1)	6 (5-8)	-11.2 (-19.2--1.7)	2 (1-2)	-19.6 (-31.5--4.8)	4 (4-5)	108 (90-130)	6 (5-7)	1 (1-2)
France	146 (116-178)	-13.2 (-19.5--5.9)	2,660 (2,150-3,280)	-1.8 (-9.4-6)	145 (115-177)	-3.8 (-10.7-4.4)	51 (35-69)	-9.6 (-19.7-2.6)	126 (102-155)	2,620 (2,100-3,260)	140 (113-172)	46 (32-62)
Germany	21 (15-28)	1.7 (-6.6-11)	466 (355-608)	-4 (-10.8-4.4)	26 (19-33)	1.8 (-6.4-10.9)	8 (5-12)	5.9 (-7.3-20.3)	21 (16-28)	447 (341-580)	26 (20-34)	8 (6-12)
Greece	1 (1-2)	-21.8 (-28.5--15.1)	35 (26-47)	-25.6 (-31.7--19.1)	2 (1-3)	-24.7 (-31.4--17.1)	1 (0-1)	-16.2 (-26--4.6)	1 (1-2)	26 (19-35)	1 (1-2)	0 (0-1)
Iceland	0 (0-0)	2 (-17.3-20.7)	1 (0-1)	7.2 (-9-26.2)	0 (0-0)	10.1 (-9.4-32)	0 (0-0)	-3.8 (-23.7-16.5)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Ireland	3 (2-4)	3.1 (-6-12.6)	56 (41-72)	11.7 (3.5-20.6)	3 (2-4)	10.1 (0.7-20.8)	1 (1-1)	10.5 (-3.3-25.3)	3 (2-4)	62 (47-81)	3 (2-4)	1 (1-2)
Israel	11 (8-15)	44.3 (32-56.8)	164 (124-214)	40.4 (29.8-51.6)	9 (6-12)	42.3 (29-56)	4 (3-6)	48.5 (29.1-70.1)	16 (12-21)	230 (172-298)	13 (9-17)	6 (4-9)
Italy	18 (13-23)	-10 (-13.5--6)	406 (306-531)	11.6 (6.6-17)	21 (16-27)	8.3 (2.4-14.3)	4 (3-6)	0.2 (-5-5.8)	16 (12-20)	454 (351-577)	23 (17-29)	4 (3-6)
Abruzzo	0 (0-0)	-31.2 (-63.6--17.2)	3 (2-5)	-23.9 (-59--7.5)	0 (0-0)	-24.9 (-59.9--8.5)	0 (0-0)	-27.9 (-61.8--10.7)	0 (0-0)	2 (1-4)	0 (0-0)	0 (0-0)
Basilicata	0 (0-0)	-43 (-88.5--34.4)	0 (0-0)	-37.3 (-87.1--24.7)	0 (0-0)	-36 (-86.8--23.2)	0 (0-0)	-44 (-89.2--30.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Calabria	0 (0-0)	-37.4 (-59--22.8)	5 (3-7)	-36 (-56.5--21.3)	0 (0-0)	-34.3 (-56.2--18.2)	0 (0-0)	-38.9 (-60.9--21.8)	0 (0-0)	3 (2-5)	0 (0-0)	0 (0-0)
Campania	2 (1-2)	-19.2 (-28.4--8.3)	36 (24-52)	-2.2 (-12.6-10)	2 (1-3)	-1.6 (-12.9-11.1)	0 (0-1)	-18 (-29.4--4.1)	1 (1-2)	36 (25-50)	2 (1-3)	0 (0-1)
Emilia-Romagna	4 (3-5)	-4.8 (-12.5-2.7)	76 (63-93)	27.8 (18.3-37.8)	4 (3-5)	20.5 (11.1-31.2)	1 (1-1)	18.4 (4.5-36.7)	4 (3-4)	98 (81-117)	5 (4-6)	1 (1-1)
Friuli-Venezia Giulia	1 (0-1)	-22.6 (-29.4--14)	13 (9-17)	-0.3 (-8.5-10.1)	1 (1-1)	-7.6 (-16.2-3.9)	0 (0-0)	-11.9 (-23-2.1)	0 (0-1)	13 (9-17)	1 (0-1)	0 (0-0)
Lazio	1 (1-2)	11.6 (-0.1-24.4)	30 (21-42)	28.6 (15.9-42.3)	2 (1-2)	27.9 (13.8-42.5)	0 (0-0)	23 (7.1-41)	1 (1-2)	39 (28-52)	2 (1-3)	0 (0-1)
Liguria	1 (0-1)	-16.9 (-24.7--10.1)	13 (9-18)	-0.3 (-9.2-8.2)	1 (1-1)	-3.8 (-12.8-5.3)	0 (0-0)	-6 (-17.1-6.3)	0 (0-1)	13 (9-18)	1 (0-1)	0 (0-0)
Lombardia	2 (1-3)	-1.8 (-10.4-7.3)	46 (34-62)	23.7 (12.9-36.2)	2 (2-3)	15.2 (4.5-27.2)	0 (0-1)	9.3 (-3.6-23.1)	2 (1-2)	58 (44-74)	3 (2-4)	0 (0-1)
Marche	1 (0-1)	-9.6 (-18.2-0.5)	13 (9-17)	19.1 (8.1-31.5)	1 (0-1)	12.1 (1-24.7)	0 (0-0)	0.1 (-14.4-15.3)	0 (0-1)	15 (11-20)	1 (1-1)	0 (0-0)
Molise	0 (0-0)	-42.6 (-73.9--31.5)	0 (0-1)	-35.4 (-70.9--19.8)	0 (0-0)	-34.4 (-70.3--19.3)	0 (0-0)	-39.9 (-72--22.8)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Piemonte	1 (1-2)	0 (-10.1-9.4)	33 (24-44)	17.9 (8.2-29.1)	2 (1-2)	15.1 (3.2-27.2)	0 (0-1)	9.7 (-6.2-26)	1 (1-2)	38 (29-51)	2 (1-3)	0 (0-1)
Provincia autonoma di Bolzano	0 (0-0)	0.3 (-14.2-15.9)	1 (1-2)	18.6 (1.3-35.7)	0 (0-0)	12.4 (-4.1-29.5)	0 (0-0)	-1 (-17.7-21.6)	0 (0-0)	2 (1-3)	0 (0-0)	0 (0-0)
Provincia autonoma di Trento	0 (0-0)	-25.5 (-59.6--13.4)	1 (0-2)	-8.8 (-49.5-9.1)	0 (0-0)	-10.6 (-51.1-6.3)	0 (0-0)	-21.9 (-55.6--2.7)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Puglia	0 (0-1)	-29.3 (-46.3--12.4)	12 (7-18)	-8.9 (-30.7-11.4)	1 (0-1)	-12.9 (-33.7-7.5)	0 (0-0)	-27.4 (-47.9--6.8)	0 (0-0)	10 (7-15)	1 (0-1)	0 (0-0)
Sardegna	0 (0-0)	-43.5 (-65.3--29.8)	3 (1-5)	-37 (-59.8--22.1)	0 (0-0)	-35.8 (-60.8--19.9)	0 (0-0)	-40.6 (-64.8--24.3)	0 (0-0)	2 (1-3)	0 (0-0)	0 (0-0)
Sicilia	2 (1-3)	-21.4 (-28--13.8)	48 (36-64)	-7.6 (-14.9-1.5)	2 (2-3)	-4.9 (-13-5.7)	0 (0-1)	-16.5 (-27.8-4.7)	2 (1-2)	45 (34-57)	2 (2-3)	0 (0-1)
Toscana	1 (0-1)	-20.4 (-27.4--12.4)	14 (9-21)	-4 (-11.4-5.3)	1 (0-1)	-8.3 (-17.3-1.3)	0 (0-0)	-10.4 (-21.1-2.6)	0 (0-1)	14 (9-20)	1 (0-1)	0 (0-0)
Umbria	0 (0-0)	-22.4 (-32.7--14.2)	5 (3-8)	-3.4 (-17.6-6.3)	0 (0-0)	-7.9 (-20.6-2.1)	0 (0-0)	-8.9 (-24.7-3.8)	0 (0-0)	5 (3-7)	0 (0-0)	0 (0-0)
Valle d'Aosta	0 (0-0)	-32.1 (-83.1--23.8)	0 (0-0)	-11.6 (-77.9-3.8)	0 (0-0)	-16 (-79.1--2)	0 (0-0)	-22.3 (-80.8--7.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Veneto	2 (2-3)	-9.3 (-16.3--0.9)	53 (42-67)	15 (6.7-24.5)	3 (2-3)	11.6 (1.5-22.7)	1 (0-1)	-1.5 (-12.6-13.1)	2 (2-3)	61 (48-76)	3 (2-4)	0 (0-1)
Luxembourg	4 (3-5)	9.3 (0-21.7)	90 (78-104)	25.1 (16.6-35.2)	4 (3-5)	31.1 (20.5-43.9)	1 (1-2)	10.4 (-4.8-28.7)	4 (4-5)	113 (96-132)	5 (4-6)	1 (1-2)
Malta	1 (0-1)	1.6 (-6.4-10.4)	16 (12-20)	-15.8 (-22.5--9.6)	1 (1-1)	-9.2 (-16.4--0.4)	0 (0-0)	-5.9 (-17.4-10.1)	1 (0-1)	13 (10-17)	1 (1-1)	0 (0-0)
Monaco	0 (0-0)	-5.1 (-13.4-4.9)	0 (0-0)	12.6 (3.1-22.2)	0 (0-0)	14.5 (4-25.5)	0 (0-0)	19.2 (4.1-36.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Netherlands	2 (2-3)	-12.7 (-21.4-0.1)	41 (31-54)	-5.3 (-12.2-6.1)	2 (2-3)	-3 (-11.8-10.6)	1 (0-1)	-10.2 (-22.1-7.4)	2 (1-3)	39 (29-52)	2 (2-3)	1 (0-1)
Norway	1 (0-1)	-4 (-10.4-1.4)	11 (7-17)	10.3 (3.2-15.8)	1 (0-1)	11.9 (4-18)	0 (0-0)	-4.6 (-11.6-2.3)	1 (0-1)	12 (8-18)	1 (0-1)	0 (0-0)
Agder	0 (0-0)	-6.6 (-18.1-6.4)	1 (0-1)	6.1 (-6.2-19.4)	0 (0-0)	6.4 (-5.8-21.2)	0 (0-0)	-9.4 (-27.5-5.2)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Innlandet	0 (0-0)	-21.6 (-43.9--8.9)	1 (1-1)	-8.2 (-32.3-6.9)	0 (0-0)	-5.6 (-32.7-10.2)	0 (0-0)	-22.9 (-44.9--8.5)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Møre og Romsdal	0 (0-0)	-19.3 (-40.7--12.2)	1 (0-1)	-3.6 (-28.9-5.9)	0 (0-0)	-2.4 (-29.1-6.9)	0 (0-0)	-18.5 (-40.6--6.7)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Nordland	0 (0-0)	-17.3 (-27.7--9)	1 (0-1)	-12.5 (-23.2--2.2)	0 (0-0)	-9.2 (-21.2-0.4)	0 (0-0)	-26.4 (-37.2--14.2)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Oslo	0 (0-0)	23.3 (6.6-44.8)	1 (1-2)	39.4 (20.7-60.1)	0 (0-0)	37.9 (20.5-65.2)	0 (0-0)	28.6 (4.1-58)	0 (0-0)	2 (1-3)	0 (0-0)	0 (0-0)
Rogaland	0 (0-0)	-1.8 (-14.6-10.4)	1 (1-2)	15.9 (0.9-28.5)	0 (0-0)	17.3 (1.9-31.8)	0 (0-0)	0.6 (-15.3-17.3)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Troms og Finnmark	0 (0-0)	-21.1 (-30.4--12)	1 (0-1)	-6.1 (-17.6-4.3)	0 (0-0)	-2 (-13.3-9.3)	0 (0-0)	-21.8 (-32.6--9.4)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Trøndelag	0 (0-0)	4.8 (-14.6-19.2)	1 (1-1)	10.4 (-9.8-28.3)	0 (0-0)	14.6 (-5.8-31)	0 (0-0)	-5.5 (-25.5-7.6)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Vestfold og Telemark	0 (0-0)	-14.2 (-26.1--0.1)	1 (1-1)	-0.2 (-13.3-15.4)	0 (0-0)	1.7 (-11.2-18.6)	0 (0-0)	-15.7 (-28.9-1.9)	0 (0-0)	1 (1-1)	0 (0-0)	0 (0-0)
Vestland	0 (0-0)	-3.8 (-13.9-9.2)	1 (1-2)	7.9 (-3.3-23.2)	0 (0-0)	10.8 (-1.4-26.8)	0 (0-0)	-4.4 (-17.7-11)	0 (0-0)	2 (1-2)	0 (0-0)	0 (0-0)
Viken	0 (0-0)	-3.5 (-16.5-18)	3 (2-4)	18.8 (4.2-42.7)	0 (0-0)	19.3 (3.7-44.4)	0 (0-0)	-0.3 (-14.9-23.8)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Portugal	9 (6-12)	-33.8 (-38.6--26.7)	161 (121-210)	-22.1 (-28--15.2)	10 (7-13)	-22.2 (-28.3--14.2)	3 (2-5)	-27.7 (-36.2--15.8)	6 (4-8)	125 (94-164)	8 (6-10)	2 (2-4)
San Marino	0 (0-0)	-4.7 (-11.6-3.1)	0 (0-0)	6.6 (-1.5-15.2)	0 (0-0)	6.6 (-1.6-16.1)	0 (0-0)	-5.5 (-16.2-7.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Spain	3 (2-5)	-13.7 (-27.4--4.5)	77 (55-105)	-5.1 (-18-3.3)	4 (3-6)	-6.3 (-20.9-4.4)	1 (1-2)	-0.4 (-17.7-17)	3 (2-4)	74 (52-99)	4 (3-5)	1 (1-2)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Sweden	2 (1-2)	37.4 (27.5-47.2)	38 (29-50)	19.9 (12.4-28.4)	2 (1-2)	23.9 (15.3-33.1)	0 (0-1)	41.4 (26.1-58.5)	2 (2-3)	45 (35-60)	2 (2-3)	1 (0-1)
Stockholm	0 (0-1)	37.3 (25.7-51.1)	8 (6-10)	39.7 (29.3-53.5)	0 (0-1)	40.9 (28.9-55.4)	0 (0-0)	51.2 (32-72.6)	1 (0-1)	11 (8-14)	1 (0-1)	0 (0-0)
Sweden except Stockholm	1 (1-2)	37.4 (26.2-49.5)	30 (23-39)	14.9 (7-24.2)	1 (1-2)	19.4 (9.7-30.3)	0 (0-1)	38.5 (21.6-58)	2 (1-2)	34 (26-46)	2 (1-2)	0 (0-1)
Switzerland	27 (24-30)	21.4 (13.3-30.7)	685 (628-752)	13.1 (6.4-20)	32 (29-36)	18.4 (10.6-27)	7 (5-9)	23.4 (5.4-45.7)	32 (28-37)	774 (698-859)	38 (34-43)	9 (7-12)
United Kingdom	105 (76-139)	23.3 (21.1-25.5)	1,920 (1,410-2,580)	15.3 (13.5-17.3)	108 (78-144)	16.6 (14.3-19)	35 (23-51)	21.4 (18.4-24.3)	129 (93-173)	2,210 (1,620-2,970)	126 (90-169)	42 (28-62)
England	99 (72-131)	24.3 (22.1-26.6)	1,790 (1,310-2,420)	16.7 (14.7-18.7)	101 (73-135)	17.8 (15.4-20.3)	32 (22-48)	23.2 (20.2-26.3)	123 (88-165)	2,090 (1,520-2,820)	119 (86-160)	40 (27-59)
East Midlands	4 (3-6)	31.7 (24.9-40.2)	82 (57-115)	20.5 (14.6-29.8)	5 (3-6)	23.8 (17.4-32.5)	1 (1-2)	29.8 (19.9-41.5)	6 (4-8)	99 (67-141)	6 (4-8)	2 (1-3)
Derby	0 (0-0)	20.2 (4.7-35.9)	5 (3-9)	18.8 (4.9-36.1)	0 (0-0)	19.5 (4.9-35.2)	0 (0-0)	18.4 (-2-42)	0 (0-1)	6 (3-10)	0 (0-1)	0 (0-0)
Derbyshire	0 (0-0)	43.9 (5.1-2590)	0 (0-2)	30.2 (-8.3-2320)	0 (0-0)	35.1 (-3.5-2430)	0 (0-0)	33 (-11-2470)	0 (0-0)	0 (0-2)	0 (0-0)	0 (0-0)
Leicester	1 (1-1)	36.8 (20.6-52.5)	15 (10-21)	33.2 (17.9-48.6)	1 (1-1)	35 (19-50.6)	0 (0-0)	33.4 (13.5-54.4)	1 (1-2)	20 (14-28)	1 (1-2)	0 (0-0)
Leicestershire	0 (0-0)	71.8 (12-2920)	0 (0-2)	53.5 (-4.3-2540)	0 (0-0)	58.2 (1.4-2640)	0 (0-0)	60.1 (-2.7-2610)	0 (0-0)	1 (0-3)	0 (0-0)	0 (0-0)
Lincolnshire	0 (0-0)	99.4 (30.7-3420)	0 (0-2)	64 (3.2-2640)	0 (0-0)	70.2 (9.3-2850)	0 (0-0)	76.1 (6.4-3050)	0 (0-0)	1 (0-3)	0 (0-0)	0 (0-0)
Northamptonshire	2 (1-2)	23.4 (11.7-35.4)	36 (26-51)	11.3 (1-22.5)	2 (1-3)	13.5 (3-24.6)	1 (0-1)	19.2 (4.3-33.8)	2 (2-3)	41 (29-56)	2 (2-3)	1 (0-1)
Nottingham	1 (1-2)	40.2 (26-55.6)	24 (16-33)	25.3 (13.4-35.8)	1 (1-2)	30.5 (17.2-45.2)	0 (0-1)	40.9 (18.9-66.5)	2 (1-3)	30 (21-43)	2 (1-3)	1 (0-1)
Nottinghamshire	0 (0-0)	53.9 (12.7-2440)	0 (0-2)	35.4 (-4-2060)	0 (0-0)	39.8 (0.8-2200)	0 (0-0)	47.1 (-3-2700)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Rutland	0 (0-0)	76.9 (15.5-1120)	0 (0-0)	54.3 (-4.9-875)	0 (0-0)	58.2 (-0.2-949)	0 (0-0)	56.1 (-2.7-1050)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
East of England	7 (5-11)	7.4 (0.6-13.1)	154 (94-230)	0.5 (-5.7-5.5)	8 (5-12)	0.3 (-6.2-5.2)	2 (1-4)	-1.1 (-9.3-5.6)	8 (5-12)	155 (92-237)	8 (5-12)	2 (1-4)
Bedford	1 (0-1)	-10.7 (-20.6--0.7)	11 (7-17)	-17.2 (-25.8--7.8)	1 (0-1)	-19.8 (-29.2--10.6)	0 (0-0)	-21.4 (-32.1--7.6)	1 (0-1)	9 (6-14)	1 (0-1)	0 (0-0)
Cambridgeshire	0 (0-0)	34.8 (19.4-55.3)	5 (2-10)	21.4 (6.7-39.9)	0 (0-1)	24 (10.2-42.2)	0 (0-0)	26.7 (8.5-49.6)	0 (0-1)	7 (3-13)	0 (0-1)	0 (0-0)
Central Bedfordshire	0 (0-0)	48.4 (14.8-1730)	0 (0-1)	34.5 (0.2-1560)	0 (0-0)	39.2 (6-1630)	0 (0-0)	40.3 (-1.1-1550)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Essex	2 (1-2)	21.9 (12.6-31.4)	36 (20-55)	7.1 (-0.9-15)	2 (1-3)	10.4 (1.8-18.9)	0 (0-1)	13.1 (2.1-25.5)	2 (1-3)	38 (21-60)	2 (1-3)	1 (0-1)
Hertfordshire	1 (1-2)	20.2 (13.1-28.4)	29 (18-43)	14 (5.4-22.6)	1 (1-2)	16.1 (8.3-24)	0 (0-1)	17.2 (5.8-30.5)	2 (1-2)	33 (20-50)	2 (1-2)	0 (0-1)
Luton	1 (0-1)	22.2 (13.7-31.4)	8 (5-13)	20.5 (12-30.3)	0 (0-1)	22.1 (13.6-31.2)	0 (0-0)	28 (15.9-43.8)	1 (0-1)	10 (6-15)	1 (0-1)	0 (0-0)
Norfolk	0 (0-1)	22.9 (10.3-38.7)	9 (5-15)	11.3 (-0.9-25.5)	0 (0-1)	14.3 (2.8-29.1)	0 (0-0)	15.2 (-1.2-36.9)	0 (0-1)	10 (6-17)	1 (0-1)	0 (0-0)
Peterborough	0 (0-0)	61.3 (43.3-91.5)	2 (1-3)	49.3 (32.1-74.5)	0 (0-0)	50.2 (31.7-78)	0 (0-0)	60.1 (35.5-92)	0 (0-0)	2 (1-5)	0 (0-0)	0 (0-0)
Southend-on-Sea	0 (0-0)	41.6 (16.9-1220)	0 (0-1)	36.8 (7.8-1130)	0 (0-0)	38.3 (13.2-1190)	0 (0-0)	35.4 (4.8-1170)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Suffolk	2 (1-3)	-24.9 (-36.2--13.4)	42 (28-59)	-25.5 (-36.5--15.4)	2 (2-3)	-28.8 (-39.5--17.9)	1 (0-1)	-35.5 (-47.2--21.7)	1 (1-2)	31 (19-47)	2 (1-2)	0 (0-1)
Thurrock	1 (0-1)	23.6 (12.8-33.5)	11 (7-16)	18.6 (7.8-28.4)	1 (0-1)	19 (8.7-29.1)	0 (0-0)	22.1 (7.8-34.9)	1 (0-1)	13 (8-18)	1 (0-1)	0 (0-0)
Greater London	58 (44-73)	25.2 (21.8-28.4)	961 (753-1,220)	20.9 (18-23.5)	55 (43-70)	20.7 (16.9-24.1)	18 (13-26)	26.8 (22.3-31.4)	72 (56-92)	1,160 (902-1,490)	67 (52-84)	24 (16-34)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Barking and Dagenham	2 (1-2)	53.7 (41-69.4)	30 (24-37)	42.6 (31.9-54.7)	2 (1-2)	38.8 (26.7-52)	1 (0-1)	50.6 (32.8-72.2)	3 (2-3)	42 (34-53)	2 (2-3)	1 (1-1)
Barnet	2 (1-2)	31.1 (21-41.6)	38 (29-49)	21.9 (12.8-31.4)	2 (2-3)	21.4 (11.8-31.6)	1 (0-1)	31.9 (16.1-49.4)	2 (2-3)	47 (35-60)	2 (2-3)	1 (0-1)
Bexley	1 (0-1)	9.2 (-1.8-19.8)	16 (10-23)	-3.2 (-12.7-5.8)	1 (1-1)	-3 (-13.2-7)	0 (0-0)	-2.7 (-15.2-10.4)	1 (1-1)	15 (10-22)	1 (0-1)	0 (0-0)
Brent	2 (1-2)	40.5 (28.7-53.1)	29 (22-37)	33.3 (22.6-44.1)	2 (1-2)	34.8 (22.6-48)	1 (0-1)	53.7 (32.9-79.9)	2 (2-3)	38 (30-50)	2 (2-3)	1 (1-1)
Bromley	1 (0-1)	26.4 (15.7-37)	15 (8-23)	10.5 (2.4-21)	1 (0-1)	12.8 (3.2-22.3)	0 (0-0)	17.7 (6.2-32.6)	1 (0-1)	16 (9-25)	1 (0-1)	0 (0-0)
Camden	1 (1-2)	-16.3 (-24.5--8.3)	22 (16-30)	-15.7 (-23.1--7.8)	1 (1-2)	-18.4 (-26.2--10.4)	0 (0-1)	-18.7 (-28.8--6.3)	1 (1-1)	19 (13-26)	1 (1-1)	0 (0-0)
Croydon	2 (2-3)	40.6 (29.7-54.7)	44 (34-57)	24.4 (15.3-35.6)	2 (2-3)	27.2 (17.4-40.1)	1 (1-1)	41.4 (25.2-61.3)	3 (2-4)	55 (42-70)	3 (2-4)	1 (1-2)
Ealing	1 (1-2)	8.3 (-0.4-17.3)	23 (16-31)	5.6 (-2.8-14.4)	1 (1-2)	4.3 (-3.7-13.2)	0 (0-1)	15.3 (1.8-31.3)	1 (1-2)	24 (17-33)	1 (1-2)	0 (0-1)
Enfield	5 (4-6)	27.3 (17.2-37.8)	87 (71-109)	25.9 (16.3-35.3)	5 (4-6)	24.7 (14.7-34.6)	1 (1-2)	32 (17-51.9)	6 (5-7)	110 (88-136)	6 (4-7)	2 (1-3)
Greenwich	2 (1-2)	50.3 (38-62.7)	32 (25-41)	40.2 (29.2-51.9)	2 (1-2)	40.6 (28.9-52.6)	1 (0-1)	47.8 (30.9-65.2)	3 (2-4)	45 (35-58)	3 (2-3)	1 (1-1)
Hackney	7 (5-8)	21.6 (11.4-33.6)	96 (78-118)	23.9 (14.8-35.4)	6 (4-7)	24.2 (13.6-36.5)	2 (1-3)	19.7 (5.7-36.1)	8 (6-10)	119 (94-148)	7 (6-9)	3 (2-4)
Hammersmith and Fulham	1 (1-2)	-9.8 (-18.1-0.5)	18 (12-25)	-10.3 (-18.6--0.8)	1 (1-2)	-11.7 (-19.8--1.5)	0 (0-0)	-4 (-15.4-10.2)	1 (1-1)	16 (10-22)	1 (1-1)	0 (0-0)
Haringey	6 (5-8)	8.8 (0.5-18.5)	96 (78-118)	18.2 (9.9-27.8)	6 (5-7)	15.5 (6.3-26.3)	2 (1-3)	17.2 (4.6-31.8)	7 (5-9)	113 (91-142)	7 (5-8)	2 (2-3)
Harrow	0 (0-0)	64.6 (45.4-89.2)	3 (1-5)	42.8 (24.7-63.4)	0 (0-0)	43.1 (27.1-65.6)	0 (0-0)	63 (39.5-98.7)	0 (0-0)	4 (2-7)	0 (0-0)	0 (0-0)
Havering	0 (0-0)	63 (49.6-84.5)	6 (2-11)	21 (10.8-37.1)	0 (0-1)	27.3 (16.9-44.1)	0 (0-0)	48.5 (34.7-68.8)	0 (0-1)	7 (3-13)	0 (0-1)	0 (0-0)
Hillingdon	0 (0-1)	59 (42.4-75.1)	7 (3-12)	38.8 (25.2-50.1)	0 (0-1)	41.5 (26-55.6)	0 (0-0)	54.4 (34.2-75.2)	1 (0-1)	9 (4-16)	0 (0-1)	0 (0-0)
Hounslow	1 (1-1)	40.3 (26.8-54.1)	16 (9-23)	34.3 (21.4-46.4)	1 (1-1)	33 (19.2-45.9)	0 (0-0)	44.2 (27.3-65.2)	1 (1-2)	21 (13-30)	1 (1-2)	0 (0-1)
Islington	1 (0-1)	40.5 (26.7-54.6)	9 (5-13)	22.1 (10.1-32.9)	1 (0-1)	28 (14.4-40.8)	0 (0-0)	35.3 (18.9-55.3)	1 (0-1)	11 (7-16)	1 (0-1)	0 (0-0)
Kensington and Chelsea	0 (0-0)	15.8 (-9.8-1310)	0 (0-1)	13.4 (-15.6-1230)	0 (0-0)	11.2 (-15.7-1250)	0 (0-0)	8.3 (-19.9-1250)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Kingston upon Thames	0 (0-0)	37.5 (22.5-60.3)	6 (4-8)	12 (1-30.5)	0 (0-0)	11.4 (-0.8-30)	0 (0-0)	29.6 (11.6-53.8)	0 (0-0)	6 (4-9)	0 (0-0)	0 (0-0)
Lambeth	5 (4-7)	6 (-2.2-14.5)	85 (68-107)	5.4 (-2-13.8)	5 (4-6)	4.5 (-4.3-14)	2 (1-2)	7.1 (-5.6-20.7)	6 (4-7)	90 (71-112)	5 (4-7)	2 (1-2)
Lewisham	3 (3-4)	23.6 (13.1-33.7)	57 (46-71)	12.7 (4.4-21.3)	3 (3-4)	12.4 (2.7-22)	1 (1-2)	22.1 (7.7-38.7)	4 (3-5)	64 (52-80)	4 (3-5)	1 (1-2)
Merton	1 (1-1)	27.8 (17.1-38.5)	18 (12-25)	11.2 (2.3-21.2)	1 (1-1)	10.6 (1.6-21.3)	0 (0-0)	23.8 (9.3-39.3)	1 (1-2)	20 (14-28)	1 (1-2)	0 (0-1)
Newham	3 (3-4)	44.6 (32.8-57.8)	46 (36-58)	41.8 (31.8-54.3)	3 (2-4)	45.3 (33.6-58.6)	1 (1-2)	42.3 (24.3-61.2)	5 (4-6)	65 (51-81)	4 (3-5)	2 (1-2)
Redbridge	1 (0-1)	66.5 (52.4-82.1)	14 (8-21)	51.1 (39-66.7)	1 (0-1)	50.2 (37.9-65.3)	0 (0-0)	65 (46.9-87.7)	1 (1-2)	21 (13-31)	1 (1-2)	0 (0-1)
Richmond upon Thames	0 (0-1)	10.9 (1.3-19.2)	6 (3-10)	16.1 (5.5-25.5)	0 (0-1)	12.7 (3.3-22)	0 (0-0)	14.8 (1.6-27.5)	0 (0-1)	7 (4-12)	0 (0-1)	0 (0-0)
Southwark	5 (3-6)	28.7 (18.7-40.4)	69 (56-87)	19.8 (11.7-29.3)	4 (3-5)	22.5 (13.2-34.2)	1 (1-2)	28.2 (13.6-44.2)	6 (5-7)	83 (65-103)	5 (4-6)	2 (1-3)
Sutton	0 (0-0)	27 (13.3-43.5)	4 (2-7)	6.1 (-5.2-19.5)	0 (0-0)	9.1 (-2.9-24.6)	0 (0-0)	16.6 (0.1-36.9)	0 (0-0)	4 (3-7)	0 (0-0)	0 (0-0)
Tower Hamlets	1 (1-1)	22.4 (4.8-41)	12 (9-17)	16 (1.7-33.5)	1 (1-1)	19.3 (2.6-39.4)	0 (0-0)	18.6 (-2.7-43)	1 (1-2)	14 (10-20)	1 (1-1)	0 (0-1)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Waltham Forest	2 (2-3)	40.9 (28.5-53.7)	36 (28-46)	35.6 (24.9-46)	2 (2-3)	35.1 (22.6-47.8)	1 (1-1)	43.7 (24.5-62.9)	3 (2-4)	48 (37-63)	3 (2-4)	1 (1-2)
Wandsworth	1 (1-1)	37.8 (29.2-49.8)	17 (12-25)	29.4 (18.8-41.4)	1 (1-1)	26.8 (16.5-40.8)	0 (0-0)	47.2 (32.2-66)	1 (1-2)	22 (16-32)	1 (1-2)	0 (0-1)
Westminster	0 (0-1)	-25.6 (-43--10.6)	7 (3-11)	-21.6 (-40--6.8)	0 (0-1)	-27 (-45.3--13)	0 (0-0)	-25 (-43.7--9)	0 (0-1)	5 (2-9)	0 (0-1)	0 (0-0)
North East England	1 (1-2)	21.3 (14.8-28.4)	30 (16-50)	5.4 (-0.1-13.2)	2 (1-3)	9.9 (3.3-17.6)	1 (0-1)	15.2 (7.8-23.5)	2 (1-3)	32 (17-54)	2 (1-3)	1 (0-1)
County Durham	0 (0-0)	73.5 (6.6-4440)	0 (0-1)	56.3 (-8.2-3860)	0 (0-0)	60.8 (-3.3-4070)	0 (0-0)	64.2 (-6.1-4260)	0 (0-0)	0 (0-2)	0 (0-0)	0 (0-0)
Darlington	0 (0-0)	53.5 (8.8-3910)	0 (0-0)	49.6 (3.5-3640)	0 (0-0)	54.3 (7.8-3980)	0 (0-0)	54.1 (-1.9-4360)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Gateshead	0 (0-0)	14.6 (-1.9-28.7)	4 (2-6)	5.8 (-7.9-20.1)	0 (0-0)	9.2 (-5.9-23.3)	0 (0-0)	7.2 (-9.6-22.3)	0 (0-0)	4 (2-7)	0 (0-0)	0 (0-0)
Hartlepool	0 (0-0)	76.2 (-0.9-5660)	0 (0-0)	60.1 (-13.9-5140)	0 (0-0)	68.1 (-7.7-5450)	0 (0-0)	64.5 (-13.6-5640)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Middlesbrough	0 (0-0)	10.4 (-0.6-26.4)	5 (3-8)	-7.7 (-18.1-4.7)	0 (0-1)	-1.4 (-11.4-12.6)	0 (0-0)	9.8 (-5.3-27.1)	0 (0-1)	5 (3-8)	0 (0-1)	0 (0-0)
Newcastle upon Tyne	1 (0-1)	30.6 (20.6-41.4)	12 (7-19)	11.1 (2.8-19.2)	1 (0-1)	16.4 (7.1-26.3)	0 (0-0)	23.6 (10.8-41.4)	1 (0-1)	13 (7-21)	1 (0-1)	0 (0-0)
North Tyneside	0 (0-0)	15.8 (3-30.8)	6 (3-9)	0.8 (-9.9-14.5)	0 (0-1)	4.7 (-6.8-18.5)	0 (0-0)	10.2 (-5.4-29.7)	0 (0-0)	6 (3-9)	0 (0-1)	0 (0-0)
Northumberland	0 (0-0)	29.3 (-1.1-1470)	0 (0-1)	17 (-13.7-1320)	0 (0-0)	21.2 (-8.8-1380)	0 (0-0)	19.5 (-15.6-1310)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Redcar and Cleveland	0 (0-0)	34.5 (-2.7-3520)	0 (0-1)	13 (-20-2790)	0 (0-0)	20.4 (-14.7-3160)	0 (0-0)	27.7 (-16.6-4020)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
South Tyneside	0 (0-0)	41.2 (1.5-3670)	0 (0-1)	13.7 (-20.1-2890)	0 (0-0)	23.1 (-14-3250)	0 (0-0)	31.9 (-15-3930)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Stockton-on-Tees	0 (0-0)	16.5 (2.1-33.7)	3 (1-5)	3.4 (-9.4-21.7)	0 (0-0)	7.1 (-6.5-23.6)	0 (0-0)	4.5 (-11.3-27.4)	0 (0-0)	3 (1-5)	0 (0-0)	0 (0-0)
Sunderland	0 (0-0)	20.1 (-8.4-1390)	0 (0-1)	3.6 (-23.5-1190)	0 (0-0)	8.5 (-18.9-1260)	0 (0-0)	15.6 (-19.3-1270)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
North West England	9 (6-12)	34.9 (28.9-41.7)	167 (116-236)	18.2 (12.9-24.3)	10 (7-13)	23.1 (17.5-29.3)	3 (2-5)	31.3 (23.7-40.6)	12 (8-16)	197 (140-273)	12 (8-16)	4 (3-6)
Blackburn with Darwen	0 (0-0)	2.8 (-6.9-13.2)	5 (3-8)	3.6 (-5.5-14.7)	0 (0-0)	5.2 (-4.3-16.1)	0 (0-0)	-2.5 (-13.5-10.8)	0 (0-0)	5 (3-8)	0 (0-0)	0 (0-0)
Blackpool	0 (0-0)	14.6 (2.3-28.5)	2 (1-4)	0.8 (-10.6-14.1)	0 (0-0)	3 (-8.1-14.8)	0 (0-0)	6.6 (-8.4-23.5)	0 (0-0)	2 (1-4)	0 (0-0)	0 (0-0)
Bolton	1 (0-1)	21.4 (11.4-33.9)	11 (7-16)	8.1 (-1.8-19.1)	1 (0-1)	10.6 (0.6-22.1)	0 (0-0)	13.8 (-0.5-30.9)	1 (0-1)	12 (7-18)	1 (0-1)	0 (0-0)
Bury	0 (0-0)	20 (8.2-35)	2 (1-4)	5.8 (-8.5-23.6)	0 (0-0)	8.4 (-2.3-22)	0 (0-0)	13.7 (-3.6-28.3)	0 (0-0)	2 (1-4)	0 (0-0)	0 (0-0)
Cheshire East	0 (0-0)	16.1 (1.3-37)	2 (1-5)	4.7 (-6.8-24.3)	0 (0-0)	9.4 (-3.8-30.8)	0 (0-0)	5.8 (-10-34.1)	0 (0-0)	2 (1-5)	0 (0-0)	0 (0-0)
Cheshire West and Chester	0 (0-0)	56.2 (5.7-1560)	0 (0-1)	34.2 (-13.2-1340)	0 (0-0)	38.5 (-7.6-1370)	0 (0-0)	37.7 (-12.1-1300)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Cumbria	0 (0-0)	9.9 (-5.7-28.2)	3 (1-6)	-1.8 (-14.6-18)	0 (0-0)	0.5 (-13.5-16.1)	0 (0-0)	1.6 (-13.8-16.5)	0 (0-0)	3 (1-6)	0 (0-0)	0 (0-0)
Halton	0 (0-0)	39.7 (2.1-3690)	0 (0-1)	31.7 (-6.7-3480)	0 (0-0)	36.9 (-1.6-3680)	0 (0-0)	41.5 (-5.5-4260)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Knowsley	0 (0-0)	52.9 (4.1-4110)	0 (0-1)	21.2 (-19.9-2970)	0 (0-0)	30.9 (-13.5-3640)	0 (0-0)	45.6 (-9.7-4400)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Lancashire	0 (0-0)	-25.1 (-47.3--4.2)	6 (3-10)	-33.9 (-53.4--14.5)	0 (0-1)	-31.1 (-51.7--11.4)	0 (0-0)	-31.6 (-53.1--7.1)	0 (0-0)	4 (2-8)	0 (0-0)	0 (0-0)
Liverpool	1 (1-2)	25.9 (15.1-37.6)	23 (15-34)	2.3 (-7.4-11.3)	1 (1-2)	9.8 (0.7-20.4)	0 (0-1)	18.3 (6.9-32.3)	1 (1-2)	24 (16-35)	1 (1-2)	0 (0-1)
Manchester	3 (2-4)	58.9 (47-71)	58 (45-74)	43.7 (32.9-55)	3 (3-4)	49 (37.4-60.2)	1 (1-2)	58.9 (40.1-79.6)	5 (4-7)	83 (64-107)	5 (4-7)	2 (1-3)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Oldham	0 (0-0)	21.3 (10.4-52.6)	2 (1-4)	13.7 (2.2-40.4)	0 (0-0)	16.2 (4.9-47.6)	0 (0-0)	14.7 (-3-54.2)	0 (0-0)	2 (1-4)	0 (0-0)	0 (0-0)
Rochdale	0 (0-0)	36.3 (11.4-1250)	0 (0-1)	21.1 (-5.3-1100)	0 (0-0)	23.8 (0.3-1140)	0 (0-0)	24.7 (-4.3-1150)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Salford	1 (1-2)	42.9 (30.5-59.4)	24 (18-31)	21.8 (11.8-34)	1 (1-2)	24.8 (13.2-39)	0 (0-1)	42 (26-63.2)	2 (1-2)	30 (22-38)	2 (1-2)	1 (0-1)
Sefton	0 (0-0)	29.8 (0.8-1500)	0 (0-1)	5.1 (-21.5-1150)	0 (0-0)	11.5 (-15.3-1280)	0 (0-0)	19.6 (-14.3-1460)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
St Helens	0 (0-0)	22.7 (2.8-786)	0 (0-1)	2.8 (-16.8-628)	0 (0-0)	6.8 (-11.9-670)	0 (0-0)	13 (-11.4-811)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Stockport	0 (0-0)	14.6 (4.2-32.2)	4 (2-7)	-3.5 (-13.4-12.1)	0 (0-0)	-1 (-10.4-13.8)	0 (0-0)	7.4 (-4.9-26.9)	0 (0-0)	3 (2-6)	0 (0-0)	0 (0-0)
Tameside	1 (0-1)	16.1 (7.7-26.9)	13 (8-19)	0.4 (-7.2-8)	1 (0-1)	3.8 (-4.4-13.5)	0 (0-0)	10 (-1.7-24.6)	1 (0-1)	13 (8-19)	1 (0-1)	0 (0-0)
Trafford	0 (0-0)	41.7 (11.5-1650)	0 (0-1)	43.2 (7.2-1670)	0 (0-0)	43.9 (12-1680)	0 (0-0)	48.8 (7.5-1700)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Warrington	0 (0-0)	24.4 (2.5-1080)	0 (0-1)	21.4 (-4.4-1050)	0 (0-0)	23.1 (0.4-1070)	0 (0-0)	16.8 (-9-1020)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Wigan	0 (0-1)	8.9 (1-20.4)	7 (4-12)	2.6 (-6.9-14.4)	0 (0-1)	5.4 (-2.6-16.3)	0 (0-0)	4.7 (-8.8-24.8)	0 (0-1)	7 (4-12)	0 (0-1)	0 (0-0)
Wirral	0 (0-0)	-20.9 (-36.3--4.7)	4 (2-6)	-27.3 (-41.4--11.8)	0 (0-0)	-23.7 (-38.8--7.1)	0 (0-0)	-25.9 (-42.2--3.6)	0 (0-0)	3 (1-5)	0 (0-0)	0 (0-0)
South East England	7 (4-10)	18.7 (13.6-23.6)	147 (87-225)	11.1 (6.4-15.6)	8 (5-12)	13.1 (8-18)	2 (1-4)	16.2 (9-22.8)	8 (5-12)	163 (96-251)	9 (5-13)	3 (1-4)
Bracknell Forest	0 (0-0)	35 (-3.4-3820)	0 (0-1)	30.2 (-9-3600)	0 (0-0)	33.8 (-6.2-3810)	0 (0-0)	34.6 (-12.2-4210)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Brighton and Hove	0 (0-0)	18.5 (6.8-29.9)	3 (1-6)	24.6 (12-39)	0 (0-0)	27 (14.5-40.2)	0 (0-0)	15.1 (1.6-27)	0 (0-0)	4 (1-8)	0 (0-0)	0 (0-0)
Buckinghamshire	1 (0-1)	11.3 (4.1-21)	15 (8-24)	4.7 (-3.7-13.3)	1 (0-1)	7.2 (-0.2-16)	0 (0-0)	4.2 (-6.2-15.7)	1 (0-1)	16 (9-25)	1 (0-1)	0 (0-0)
East Sussex	0 (0-0)	63.9 (13.2-1000)	0 (0-1)	50.1 (-1.4-902)	0 (0-0)	53.4 (4.4-938)	0 (0-0)	40.1 (-8.3-966)	0 (0-0)	0 (0-2)	0 (0-0)	0 (0-0)
Hampshire	1 (1-1)	11.9 (2-21.3)	23 (14-35)	2.4 (-6.5-12)	1 (1-2)	6 (-3.4-15.5)	0 (0-0)	2.1 (-10.2-16)	1 (1-2)	24 (14-36)	1 (1-2)	0 (0-0)
Isle of Wight	0 (0-0)	66.3 (16.4-4220)	0 (0-1)	34.3 (-7.2-3180)	0 (0-0)	43 (-1.5-3580)	0 (0-0)	50.2 (-5.6-4400)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Kent	2 (1-2)	8.2 (-9.1-24.8)	33 (18-50)	-1.3 (-17.2-13.5)	2 (1-3)	-0.4 (-17.1-15.3)	1 (0-1)	-0.7 (-18.9-17.2)	2 (1-3)	32 (17-52)	2 (1-3)	1 (0-1)
Medway	0 (0-1)	22.9 (9.5-35.9)	7 (4-11)	5.3 (-6.8-16.3)	0 (0-1)	10.2 (-1.2-22.2)	0 (0-0)	11.2 (-4.5-27.1)	0 (0-1)	8 (4-12)	0 (0-1)	0 (0-0)
Milton Keynes	1 (1-2)	27.5 (16.2-38)	23 (17-30)	26.2 (16-36.7)	1 (1-2)	25.5 (14.6-35.7)	0 (0-1)	34.5 (19.4-53.3)	2 (1-2)	29 (22-38)	2 (1-2)	1 (0-1)
Oxfordshire	1 (0-1)	16.3 (8.3-23.6)	14 (8-23)	9.8 (0.8-17.1)	1 (0-1)	11.7 (4.4-19)	0 (0-0)	12.7 (2.7-24.3)	1 (0-1)	16 (8-26)	1 (0-1)	0 (0-0)
Portsmouth	0 (0-0)	50.5 (25.4-1320)	0 (0-1)	42.8 (14.3-1260)	0 (0-0)	44.3 (18-1250)	0 (0-0)	47.4 (17.3-1300)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Reading	0 (0-0)	90.5 (26.6-4600)	0 (0-1)	72.5 (10.8-4070)	0 (0-0)	74.2 (11-4320)	0 (0-0)	110 (28.7-5650)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Slough	0 (0-1)	40.7 (30.6-57.3)	7 (4-11)	47.8 (37.3-64.1)	0 (0-1)	44.2 (33.4-59.9)	0 (0-0)	59.1 (45.6-80.1)	1 (0-1)	10 (6-16)	1 (0-1)	0 (0-0)
Southampton	0 (0-0)	41.5 (24.1-64.3)	4 (2-7)	15.7 (0.7-33.7)	0 (0-0)	24.7 (8.3-43.6)	0 (0-0)	43.5 (21.8-69)	0 (0-1)	5 (2-8)	0 (0-1)	0 (0-0)
Surrey	1 (0-1)	17.1 (3.3-29)	13 (7-21)	14 (1.9-26.2)	1 (0-1)	13 (-0.7-24.5)	0 (0-0)	14.5 (-1.7-33.7)	1 (0-1)	14 (8-24)	1 (0-1)	0 (0-0)
West Berkshire	0 (0-0)	16.7 (0-1030)	0 (0-1)	17.7 (-3.8-1030)	0 (0-0)	17.9 (-0.6-1030)	0 (0-0)	15.1 (-7.8-990)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
West Sussex	0 (0-0)	31 (13.1-62)	3 (1-7)	21.6 (4.8-48.1)	0 (0-0)	25.6 (7-55.4)	0 (0-0)	23.1 (2.3-64)	0 (0-0)	4 (2-9)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Windsor and Maidenhead	0 (0-0)	54.9 (5.2-3800)	0 (0-1)	58.9 (5.4-3760)	0 (0-0)	58.6 (6.5-3880)	0 (0-0)	55.7 (-4.1-4520)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Wokingham	0 (0-0)	11.2 (-6.9-689)	0 (0-1)	10.7 (-11.5-670)	0 (0-0)	10.1 (-9.6-675)	0 (0-0)	9.6 (-12.2-742)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
South West England	3 (2-4)	22.6 (13.5-36.7)	54 (36-82)	7.8 (-0.7-21.6)	3 (2-4)	8.7 (-0.4-22.3)	1 (1-1)	14.7 (2.5-29.6)	3 (2-5)	58 (37-92)	3 (2-5)	1 (1-2)
Bath and North East Somerset	0 (0-0)	20.5 (7.7-33.6)	4 (2-7)	3.6 (-8.8-16.2)	0 (0-0)	8 (-4.2-19.4)	0 (0-0)	9.3 (-7.6-24.7)	0 (0-0)	4 (2-7)	0 (0-0)	0 (0-0)
Bournemouth	0 (0-1)	1.9 (-14.9-18.5)	8 (6-12)	-11.3 (-24.9-3.6)	0 (0-1)	-14.8 (-29.5-0)	0 (0-0)	-12 (-29.6-11.3)	0 (0-1)	7 (5-11)	0 (0-1)	0 (0-0)
Bristol, City of	1 (1-2)	25.3 (12.6-36.8)	29 (21-40)	10.4 (-0.1-19.1)	2 (1-2)	10.7 (-0.6-21.2)	0 (0-1)	18.4 (1.8-33.9)	2 (1-3)	32 (23-45)	2 (1-2)	1 (0-1)
Comwall	0 (0-0)	94 (19.5-4920)	0 (0-1)	66.3 (-1.4-3990)	0 (0-0)	72.1 (4-4350)	0 (0-0)	72.9 (-1.8-4480)	0 (0-0)	0 (0-2)	0 (0-0)	0 (0-0)
Devon	0 (0-0)	75.5 (14.2-3050)	0 (0-2)	54 (-3.5-2750)	0 (0-0)	58.6 (1.4-2760)	0 (0-0)	61.6 (-0.5-2750)	0 (0-0)	1 (0-3)	0 (0-0)	0 (0-0)
Dorset	0 (0-0)	40.8 (7.9-1620)	0 (0-2)	26.6 (-6.3-1440)	0 (0-0)	31.2 (-1.3-1520)	0 (0-0)	29.3 (-7.7-1480)	0 (0-0)	0 (0-2)	0 (0-0)	0 (0-0)
Gloucestershire	0 (0-0)	22.2 (4.8-39)	6 (2-11)	7.6 (-7.1-22.5)	0 (0-1)	13.1 (-2.8-28.9)	0 (0-0)	10.6 (-7.7-32)	0 (0-1)	6 (3-12)	0 (0-1)	0 (0-0)
North Somerset	0 (0-0)	43.1 (18.8-1260)	0 (0-1)	28.1 (1.8-1110)	0 (0-0)	29.6 (6.5-1140)	0 (0-0)	30.1 (1.1-1220)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Plymouth	0 (0-0)	56.5 (21.4-1800)	0 (0-1)	36.1 (1.3-1460)	0 (0-0)	42.3 (7.5-1630)	0 (0-0)	51.9 (9.5-1770)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Poole	0 (0-0)	54.2 (11.4-4040)	0 (0-1)	46.3 (3.6-3730)	0 (0-0)	51.4 (8.5-3930)	0 (0-0)	55.4 (1.8-4740)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Somerset	0 (0-0)	91.3 (15.9-4840)	0 (0-1)	66.1 (-2.8-4070)	0 (0-0)	73.2 (3-4370)	0 (0-0)	78.1 (-2.5-4410)	0 (0-0)	0 (0-2)	0 (0-0)	0 (0-0)
South Gloucestershire	0 (0-0)	20 (4.5-38.2)	4 (2-7)	9.5 (-4.1-25.2)	0 (0-0)	11.1 (-4.8-28.6)	0 (0-0)	16.4 (-1.6-36.4)	0 (0-0)	5 (2-8)	0 (0-0)	0 (0-0)
Swindon	0 (0-0)	64.2 (31.7-1970)	0 (0-1)	56.3 (20.6-1820)	0 (0-0)	58.6 (25.8-1930)	0 (0-0)	59.7 (19.7-1970)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Torbay	0 (0-0)	64.2 (14.9-4170)	0 (0-1)	32.9 (-9-3180)	0 (0-0)	41 (-3.2-3640)	0 (0-0)	60.2 (-0.8-4830)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Wiltshire	0 (0-0)	80.4 (7.3-4470)	0 (0-1)	78.5 (2.4-4320)	0 (0-0)	81 (5.6-4460)	0 (0-0)	69 (-6.7-4150)	0 (0-0)	0 (0-2)	0 (0-0)	0 (0-0)
West Midlands	8 (5-11)	22.5 (16.3-29.4)	145 (101-201)	14.1 (8.8-20.7)	8 (6-11)	16 (10.5-22.3)	3 (2-4)	17.5 (8.6-26.9)	9 (7-13)	166 (117-234)	9 (7-13)	3 (2-5)
Birmingham	4 (3-6)	33.1 (23.1-46)	78 (58-103)	27.5 (18.5-39.5)	4 (3-6)	29.9 (20.2-42.5)	2 (1-2)	29 (14.6-45.7)	6 (4-8)	99 (74-133)	6 (4-7)	2 (1-3)
Coventry	1 (0-1)	32.2 (21.7-43.2)	15 (8-23)	10.9 (1.3-19.6)	1 (1-1)	15.2 (5.8-24.4)	0 (0-0)	25.9 (12.6-41.4)	1 (1-1)	16 (9-25)	1 (1-1)	0 (0-1)
Dudley	1 (0-1)	-19.7 (-30.8--7.5)	11 (8-17)	-24.5 (-35.1--13.7)	1 (0-1)	-24.8 (-35.4--12.8)	0 (0-0)	-25.6 (-39.4--11.8)	0 (0-1)	9 (5-13)	0 (0-1)	0 (0-0)
Herefordshire, County of	0 (0-0)	53.8 (9.7-4340)	0 (0-1)	31.7 (-8.2-3400)	0 (0-0)	39.1 (-2.6-3900)	0 (0-0)	38.4 (-11.2-4500)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Sandwell	1 (1-2)	4.7 (-4.8-15.2)	19 (13-27)	3 (-5.9-12.6)	1 (1-2)	0.7 (-8.9-11.3)	0 (0-1)	-1.4 (-12.6-11.4)	1 (1-2)	20 (13-28)	1 (1-2)	0 (0-1)
Shropshire	0 (0-0)	41.5 (8.1-1620)	0 (0-1)	30.7 (-4.5-1460)	0 (0-0)	34.7 (0.9-1550)	0 (0-0)	28.8 (-9.3-1460)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Solihull	0 (0-0)	23.8 (12.2-42.1)	3 (2-6)	3.1 (-7-18.9)	0 (0-0)	8.3 (-1.8-24.4)	0 (0-0)	9.1 (-5.3-26.9)	0 (0-0)	3 (2-6)	0 (0-0)	0 (0-0)
Staffordshire	0 (0-0)	-21 (-42.2-17.5)	5 (2-9)	-28.1 (-47.5-7.7)	0 (0-0)	-25.1 (-45.2-12.7)	0 (0-0)	-27.4 (-48-12.1)	0 (0-0)	3 (1-8)	0 (0-0)	0 (0-0)
Stoke-on-Trent	0 (0-0)	46.2 (13.4-1680)	0 (0-1)	34.5 (0.5-1490)	0 (0-0)	36.7 (4.7-1560)	0 (0-0)	47.4 (4.3-1730)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Telford and Wrekin	0 (0-1)	9 (-2.7-23)	9 (6-12)	-1.6 (-12.2-11.4)	1 (0-1)	-0.8 (-11.6-11.9)	0 (0-0)	1.2 (-14.7-19.3)	1 (0-1)	8 (6-12)	1 (0-1)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Walsall	0 (0-0)	56.2 (19.1-1800)	0 (0-1)	44.2 (3.9-1660)	0 (0-0)	47 (11.1-1700)	0 (0-0)	50.1 (6.3-1690)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Warwickshire	0 (0-0)	77.4 (15-2840)	0 (0-1)	61.6 (0.9-2600)	0 (0-0)	65.2 (5.7-2640)	0 (0-0)	65.9 (-0.1-2680)	0 (0-0)	0 (0-2)	0 (0-0)	0 (0-0)
Wolverhampton	0 (0-0)	23.1 (11.4-39.2)	4 (3-7)	11.8 (0.6-25.6)	0 (0-0)	14.3 (3.5-30.1)	0 (0-0)	21.2 (5.2-44.3)	0 (0-0)	5 (3-8)	0 (0-0)	0 (0-0)
Worcestershire	0 (0-0)	69.7 (4.8-3130)	0 (0-1)	53.4 (-8.6-2610)	0 (0-0)	57.3 (-4.3-2890)	0 (0-0)	59.2 (-9.6-3040)	0 (0-0)	0 (0-2)	0 (0-0)	0 (0-0)
Yorkshire and the Humber	3 (1-4)	29.9 (22.5-39.3)	54 (31-88)	14.7 (7.8-23.2)	3 (2-5)	17.5 (10.8-26.5)	1 (0-1)	25.1 (16.2-35.3)	3 (2-5)	62 (34-103)	3 (2-6)	1 (1-2)
Barnsley	0 (0-0)	48.3 (17.7-1750)	0 (0-1)	29.4 (-0.9-1480)	0 (0-0)	32.6 (3.8-1590)	0 (0-0)	34.3 (0.3-1670)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Bradford	1 (0-1)	18 (1.5-35.4)	9 (5-15)	27.2 (9.4-47.2)	1 (0-1)	27 (8.9-46.3)	0 (0-0)	21 (-0.6-42.8)	1 (0-1)	12 (6-19)	1 (0-1)	0 (0-0)
Calderdale	0 (0-0)	33.2 (8.7-1140)	0 (0-1)	24.6 (-2.8-1060)	0 (0-0)	26.7 (2.1-1080)	0 (0-0)	21.2 (-8.6-1020)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Doncaster	0 (0-0)	42.6 (8.6-1630)	0 (0-1)	33.2 (-2.6-1540)	0 (0-0)	36.6 (2-1560)	0 (0-0)	34.5 (-5.6-1410)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
East Riding of Yorkshire	0 (0-0)	36.3 (4.2-1560)	0 (0-1)	20.8 (-11.3-1380)	0 (0-0)	25.1 (-6.1-1440)	0 (0-0)	23.3 (-12.6-1350)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Kingston upon Hull, City of	0 (0-1)	19.6 (9.8-29.1)	7 (3-12)	4.1 (-4.8-13.8)	0 (0-1)	9 (0.6-17.4)	0 (0-0)	19 (8.6-30.2)	0 (0-1)	7 (3-13)	0 (0-1)	0 (0-0)
Kirklees	0 (0-0)	73.5 (7.6-4410)	0 (0-1)	71.2 (1.9-4010)	0 (0-0)	73.1 (6-4400)	0 (0-0)	67.6 (-4.3-4170)	0 (0-0)	0 (0-2)	0 (0-0)	0 (0-0)
Leeds	1 (1-2)	36.7 (28.7-47.5)	26 (16-38)	9.6 (2.3-18.9)	1 (1-2)	13.3 (5.8-23.4)	0 (0-1)	28.6 (17.2-42.5)	2 (1-2)	28 (18-41)	2 (1-2)	0 (0-1)
North East Lincolnshire	0 (0-0)	50 (7.1-4230)	0 (0-1)	25.1 (-13.1-3280)	0 (0-0)	33.9 (-7.3-3810)	0 (0-0)	38.7 (-11.7-4250)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
North Lincolnshire	0 (0-0)	33.3 (18.4-1240)	0 (0-1)	22.6 (5.2-1130)	0 (0-0)	26 (10.2-1160)	0 (0-0)	25.1 (3.9-1170)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
North Yorkshire	0 (0-0)	58.8 (4.3-2780)	0 (0-1)	46.5 (-7.8-2600)	0 (0-0)	51.3 (-2.4-2650)	0 (0-0)	47.9 (-9.9-2550)	0 (0-0)	0 (0-2)	0 (0-0)	0 (0-0)
Rotherham	0 (0-0)	45.1 (11-1640)	0 (0-1)	26.7 (-6.3-1400)	0 (0-0)	30.3 (-1.7-1460)	0 (0-0)	32.5 (-6.6-1500)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Sheffield	0 (0-1)	31.1 (16.7-48.3)	10 (5-16)	19.9 (6-36.9)	0 (0-1)	21.7 (7.9-38.3)	0 (0-0)	22.9 (5.7-45.6)	1 (0-1)	12 (6-20)	1 (0-1)	0 (0-0)
Wakefield	0 (0-0)	47.3 (12.8-1700)	0 (0-1)	24.8 (-8-1410)	0 (0-0)	29.6 (-2.2-1490)	0 (0-0)	37.5 (-4.2-1460)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
York	0 (0-0)	50.6 (23.4-1310)	0 (0-1)	34.1 (6.1-1140)	0 (0-0)	37.8 (10.4-1200)	0 (0-0)	37.5 (6.9-1210)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Northern Ireland	1 (1-2)	13.9 (5.1-23.8)	24 (17-31)	-0.8 (-7.7-6.4)	1 (1-2)	2.9 (-5.1-12.4)	0 (0-1)	-0.1 (-10.7-13)	1 (1-2)	23 (17-31)	1 (1-2)	0 (0-1)
Scotland	3 (2-4)	0.4 (-8.2-10.1)	62 (47-82)	-5.9 (-13.1-2.1)	3 (2-5)	-3.1 (-11.7-6.6)	1 (1-2)	-10.3 (-22.9-2.2)	3 (2-4)	59 (43-77)	3 (2-4)	1 (1-1)
Wales	2 (1-2)	8.3 (0.1-17.2)	41 (31-54)	-2.6 (-9.4-4.7)	2 (2-3)	1.2 (-6.7-10.1)	1 (0-1)	-1.8 (-13.4-11)	2 (1-3)	40 (30-52)	2 (2-3)	1 (0-1)
Latin America and Caribbean	951 (729-1,190)	12.3 (4.6-21.2)	2,740 (2,270-3,260)	-5.8 (-10.7--0.3)	912 (697-1,140)	16.4 (8.4-25.7)	843 (633-1,060)	18.5 (9.9-29.2)	1,070 (805-1,370)	2,580 (2,080-3,140)	1,060 (800-1,360)	998 (740-1,290)
Andean Latin America	1 (1-2)	13.4 (6-51.2)	7 (4-11)	16.1 (2.4-46.7)	1 (1-2)	22.7 (13.2-64.8)	1 (1-2)	22.6 (11.8-67.6)	2 (1-3)	8 (4-13)	1 (1-3)	1 (1-2)
Bolivia (Plurinational State of)	0 (0-1)	31.3 (24.9-123)	1 (0-2)	26.2 (7.2-89.1)	0 (0-0)	38.8 (29.8-137)	0 (0-0)	40.3 (27.4-142)	0 (0-1)	1 (1-2)	0 (0-1)	0 (0-1)
Ecuador	0 (0-1)	14.4 (8.4-60.6)	2 (1-4)	14.5 (-1.1-60.7)	0 (0-1)	14.7 (6.3-61)	0 (0-1)	11.5 (0.4-58.9)	0 (0-1)	3 (1-4)	0 (0-1)	0 (0-1)
Peru	1 (0-1)	5 (-2.3-75.1)	3 (2-6)	10.1 (-8.2-78.9)	1 (0-1)	15.1 (5.4-94.1)	1 (0-1)	14.9 (2.7-104)	1 (0-1)	4 (2-6)	1 (0-1)	1 (0-1)
Caribbean	805 (610-1,010)	16.2 (7.8-26.9)	1,440 (1,180-1,740)	-18.6 (-25.4--10.9)	769 (581-963)	19.5 (10.6-30.2)	746 (559-937)	21.9 (12.6-33.1)	936 (702-1,200)	1,170 (908-1,450)	919 (688-1,180)	910 (678-1,170)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Antigua and Barbuda	0 (0-1)	-5.9 (-25.4-16)	1 (1-2)	-36.8 (-47.2--25.8)	0 (0-1)	8.2 (-13.9-33.5)	0 (0-1)	12.8 (-10.8-41)	0 (0-1)	1 (1-1)	0 (0-1)	0 (0-1)
Bahamas	1 (1-2)	53.6 (28.7-90.8)	4 (3-5)	-3.5 (-18.4-15.8)	2 (1-2)	40.4 (17.9-73.4)	1 (1-2)	44 (19.5-78.2)	2 (1-3)	4 (3-5)	2 (1-3)	2 (1-3)
Barbados	1 (1-2)	3.7 (-16.7-29.4)	4 (3-6)	-38.1 (-48.5--27.3)	1 (1-2)	7.7 (-13.3-33.9)	1 (1-2)	14 (-10.9-42.5)	1 (1-2)	3 (2-4)	1 (1-2)	1 (1-2)
Belize	5 (3-8)	61.3 (30.8-99.3)	12 (9-16)	10.6 (-6.4-26.2)	5 (3-8)	63.4 (32.1-103)	5 (3-8)	67.1 (33.9-111)	8 (5-13)	13 (9-18)	8 (5-13)	8 (5-13)
Bermuda	0 (0-0)	-13 (-31.7-8)	0 (0-1)	-51.2 (-58.3--42.9)	0 (0-0)	-9.4 (-28.7-12.1)	0 (0-0)	-1.6 (-24.3-27.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Cuba	22 (16-29)	29.3 (6.4-61.2)	62 (48-78)	-33.1 (-46.3--18.3)	23 (16-31)	29.9 (7.1-60.9)	21 (15-29)	36.7 (12.7-69.1)	28 (18-40)	42 (31-54)	30 (19-42)	29 (19-42)
Dominica	0 (0-1)	-16.8 (-34.2-1.8)	1 (1-2)	-47.7 (-56.2--38.2)	0 (0-1)	-18.4 (-34.9--0.4)	0 (0-1)	-15.9 (-34.4-4.4)	0 (0-1)	1 (1-1)	0 (0-1)	0 (0-1)
Dominican Republic	247 (167-338)	14.3 (-0.4-36.2)	407 (305-516)	-12 (-23.1-0.4)	236 (159-324)	19.2 (3.5-42.3)	231 (154-319)	20.6 (4.2-44.6)	283 (198-380)	358 (269-455)	282 (197-379)	278 (195-376)
Grenada	1 (1-1)	-7.8 (-23.4-12.2)	3 (2-3)	-42.3 (-51.7--31.5)	1 (1-1)	-6.7 (-22.5-13.7)	1 (1-1)	-3.2 (-20.1-18.8)	1 (1-1)	2 (1-2)	1 (1-1)	1 (1-1)
Guyana	8 (5-12)	3.8 (-15.8-27.4)	19 (14-25)	-34.1 (-45.1--22.2)	8 (5-12)	1.7 (-17.6-24.8)	8 (5-11)	5 (-15.9-29.5)	8 (5-12)	13 (9-17)	8 (5-12)	8 (5-12)
Haiti	367 (276-461)	29.4 (15.1-48.7)	500 (394-610)	6.4 (-4.1-19)	333 (250-420)	36.6 (21.3-58)	328 (245-413)	37.8 (22.3-60.2)	474 (366-605)	532 (416-662)	455 (351-581)	452 (348-577)
Jamaica	103 (90-116)	-25.1 (-39.4--10)	300 (252-362)	-57.8 (-66--49.2)	111 (97-125)	-27.9 (-41.7--13.5)	105 (90-119)	-25.5 (-39.8--9.5)	77 (59-98)	126 (102-156)	80 (61-101)	78 (59-100)
Puerto Rico	6 (4-9)	-43.5 (-54--33.7)	33 (24-42)	-64 (-69.5--57.7)	7 (4-10)	-42.7 (-53.2--33.2)	6 (3-9)	-39.5 (-52.3--28.2)	4 (2-6)	12 (9-16)	4 (2-6)	3 (2-5)
Saint Kitts and Nevis	0 (0-0)	9.6 (-8.6-36.3)	1 (1-1)	-32.1 (-42.8--20.6)	0 (0-0)	10.7 (-7.7-37.4)	0 (0-0)	15.3 (-5.1-44.2)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Saint Lucia	1 (1-2)	-20.7 (-34.5--2.9)	5 (3-6)	-50.5 (-58--41.4)	1 (1-2)	-20.5 (-34--2.4)	1 (1-2)	-17.2 (-32.4-3.5)	1 (1-2)	2 (2-3)	1 (1-2)	1 (1-2)
Saint Vincent and the Grenadines	1 (1-1)	-11.3 (-26.9-8.1)	3 (2-4)	-45.4 (-54.8--35.4)	1 (1-1)	-11.2 (-26.5-8.2)	1 (1-1)	-7.6 (-23.7-13.8)	1 (0-1)	2 (1-2)	1 (1-1)	1 (0-1)
Suriname	5 (3-7)	16.4 (-3.4-36.2)	11 (8-14)	-17.8 (-29.6--4.6)	5 (3-7)	27.5 (6.4-50.2)	4 (3-7)	31.3 (8.8-57.4)	6 (4-9)	9 (6-12)	6 (4-9)	6 (4-9)
Trinidad and Tobago	7 (5-10)	11.1 (-9-33.2)	26 (20-34)	-38.9 (-49.5--27.1)	8 (5-11)	13.6 (-6.9-35.2)	7 (4-10)	22.1 (-1.3-48.5)	8 (5-12)	16 (12-22)	9 (5-13)	8 (5-13)
United States Virgin Islands	0 (0-0)	-16.2 (-31.1-0.5)	1 (1-2)	-50.3 (-58.3--42)	0 (0-0)	-12 (-27.5-5.7)	0 (0-0)	-6.2 (-24-14.8)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Central Latin America	92 (66-118)	-14.4 (-21.9--5)	251 (194-322)	-25.3 (-32.9--18.3)	90 (64-117)	-12.4 (-20.3--2.5)	84 (59-111)	-10.9 (-19.7--0.1)	78 (56-104)	187 (142-243)	79 (57-104)	75 (52-100)
Colombia	46 (32-62)	-13.2 (-22.3-0.2)	102 (75-134)	-12.2 (-21.9--1.9)	45 (31-61)	-12 (-21.7-1.7)	43 (29-59)	-12.3 (-22.7-2)	40 (28-54)	89 (64-118)	40 (28-54)	38 (26-52)
Costa Rica	0 (0-0)	-7.5 (-12.3-43.2)	1 (0-1)	-2.6 (-18.1-54.5)	0 (0-0)	-3.2 (-10.6-51.3)	0 (0-0)	-8.1 (-18.1-39.1)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
El Salvador	1 (1-1)	-17.5 (-29.2-23.3)	3 (2-4)	-15.7 (-31.6-14.6)	1 (1-1)	-17.9 (-29.5-22.6)	1 (1-1)	-19.2 (-31.4-24.1)	1 (0-1)	2 (2-4)	1 (0-1)	1 (0-1)
Guatemala	2 (2-3)	22.8 (5-83)	5 (3-8)	-1.1 (-21.8-39)	2 (2-3)	-7.8 (-21.4-37.5)	2 (1-3)	-9.8 (-22.9-36.7)	3 (2-4)	5 (3-8)	2 (1-3)	2 (1-3)
Honduras	0 (0-1)	34.4 (-3-161)	1 (1-1)	38.1 (-6.9-132)	0 (0-0)	36.3 (-1.5-169)	0 (0-0)	34.9 (-2.2-175)	0 (0-1)	1 (1-2)	0 (0-1)	0 (0-1)
Mexico	1 (0-3)	3.8 (-17.3-81)	7 (1-19)	14.5 (-10.5-95.5)	1 (0-3)	11.2 (-11.8-92.5)	1 (0-3)	7.6 (-14.6-93.7)	1 (0-4)	8 (1-22)	1 (0-4)	1 (0-3)
Aguascalientes	0 (0-0)	18.8 (-4.8-302)	0 (0-0)	29.5 (-7.2-271)	0 (0-0)	25.2 (-1.8-333)	0 (0-0)	20.8 (-6.6-349)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Baja California	0 (0-0)	39.6 (4.4-513)	0 (0-0)	59.7 (11.2-511)	0 (0-0)	52 (11.6-564)	0 (0-0)	42.5 (2.5-589)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Baja California Sur	0 (0-0)	60.7 (23.6-628)	0 (0-0)	82.8 (32.2-570)	0 (0-0)	76.1 (32.9-687)	0 (0-0)	65.5 (21.9-705)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Campeche	0 (0-0)	17 (-6.2-294)	0 (0-0)	21.2 (-14.2-247)	0 (0-0)	20.5 (-4.7-313)	0 (0-0)	18.3 (-8-330)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Chiapas	0 (0-0)	44.1 (14.6-551)	0 (0-1)	44.7 (2.5-392)	0 (0-0)	47.1 (15.8-580)	0 (0-0)	46.5 (13.1-616)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Chihuahua	0 (0-0)	-5.3 (-26.2-319)	0 (0-1)	4.8 (-25.8-265)	0 (0-0)	0.6 (-23.2-352)	0 (0-0)	-2.5 (-26.5-387)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Coahuila	0 (0-0)	23.3 (-2.6-436)	0 (0-0)	28.4 (-7.4-332)	0 (0-0)	27.7 (-0.1-449)	0 (0-0)	24.7 (-5.8-474)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Colima	0 (0-0)	17.3 (-5.5-460)	0 (0-0)	25.8 (-7.4-413)	0 (0-0)	24.6 (-1-478)	0 (0-0)	20.2 (-7.3-499)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Durango	0 (0-0)	-3.7 (-23.1-226)	0 (0-0)	8.1 (-22.9-215)	0 (0-0)	3.4 (-18.7-257)	0 (0-0)	-0.1 (-22.8-267)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Guanajuato	0 (0-0)	-1.5 (-23.6-358)	0 (0-1)	13 (-18.8-392)	0 (0-0)	7.9 (-18.1-410)	0 (0-0)	2.9 (-23.6-420)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Guerrero	0 (0-0)	-9.2 (-27-154)	0 (0-1)	1 (-27.5-150)	0 (0-0)	-3.2 (-23.1-177)	0 (0-0)	-5.2 (-25.5-180)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Hidalgo	0 (0-0)	-1.8 (-20.4-269)	0 (0-1)	11.5 (-18.1-264)	0 (0-0)	6.9 (-15.6-303)	0 (0-0)	2.5 (-19.9-311)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Jalisco	0 (0-0)	10.1 (-15-411)	0 (0-1)	18.9 (-16.5-355)	0 (0-0)	16.7 (-11.1-444)	0 (0-0)	13 (-15.3-471)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
México	0 (0-0)	14.3 (-11.4-395)	1 (0-2)	28.5 (-7-345)	0 (0-0)	26.3 (-3.5-451)	0 (0-0)	22 (-9.7-479)	0 (0-1)	1 (0-3)	0 (0-0)	0 (0-0)
Mexico City	0 (0-0)	-29.1 (-41.6-480)	1 (0-2)	-14 (-33.1-522)	0 (0-0)	-15.9 (-32.3-573)	0 (0-0)	-22.6 (-39.2-562)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Michoacán de Ocampo	0 (0-0)	-4.6 (-24.8-346)	0 (0-1)	0.6 (-27.5-327)	0 (0-0)	0.7 (-21.6-363)	0 (0-0)	-1.6 (-25.9-376)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Morelos	0 (0-0)	9.5 (-11.6-240)	0 (0-0)	16.1 (-14.1-177)	0 (0-0)	15.3 (-8.3-254)	0 (0-0)	12 (-12.8-278)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Nayarit	0 (0-0)	18.7 (-7.3-321)	0 (0-0)	23.4 (-13-288)	0 (0-0)	22.1 (-5.8-335)	0 (0-0)	19.8 (-9.6-347)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Nuevo León	0 (0-0)	11.3 (-11.7-424)	0 (0-1)	29.9 (-4.6-425)	0 (0-0)	23 (-4.4-472)	0 (0-0)	15.5 (-12-488)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Oaxaca	0 (0-0)	-7.5 (-25.1-325)	0 (0-1)	-1.2 (-27.1-244)	0 (0-0)	-3.1 (-22.9-364)	0 (0-0)	-4.9 (-24.9-419)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Puebla	0 (0-0)	-2.5 (-19.2-256)	0 (0-1)	8.7 (-21.8-218)	0 (0-0)	3.6 (-15.4-285)	0 (0-0)	1.3 (-18.2-300)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Querétaro	0 (0-0)	23.1 (-0.4-261)	0 (0-0)	34.5 (-2.4-222)	0 (0-0)	29.5 (2.8-287)	0 (0-0)	24.6 (-3.1-323)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Quintana Roo	0 (0-0)	67.5 (34-462)	0 (0-0)	80.2 (30.7-416)	0 (0-0)	75.5 (38.3-497)	0 (0-0)	70.2 (31.9-522)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
San Luis Potosí	0 (0-0)	-9.2 (-25.7-212)	0 (0-1)	0.2 (-25.5-169)	0 (0-0)	-3.2 (-22.7-241)	0 (0-0)	-6.8 (-26.3-247)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Sinaloa	0 (0-0)	-10.8 (-29-292)	0 (0-0)	-2.9 (-29.7-279)	0 (0-0)	-6.2 (-26.4-308)	0 (0-0)	-9.7 (-30.2-328)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Sonora	0 (0-0)	5.4 (-17.7-384)	0 (0-0)	20 (-12.9-386)	0 (0-0)	14.3 (-12.4-423)	0 (0-0)	8.4 (-18.8-435)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tabasco	0 (0-0)	6.5 (-14.3-199)	0 (0-0)	13 (-21.4-187)	0 (0-0)	10.3 (-12.3-216)	0 (0-0)	8 (-15.2-220)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tamaulipas	0 (0-0)	-6.3 (-26-254)	0 (0-1)	12.3 (-17.8-283)	0 (0-0)	5.7 (-18.2-298)	0 (0-0)	-0.6 (-24.8-298)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Tlaxcala	0 (0-0)	12 (-11.5-387)	0 (0-0)	24.5 (-12.3-250)	0 (0-0)	18.4 (-8.3-411)	0 (0-0)	14.3 (-12.2-440)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Veracruz de Ignacio de la Llave	0 (0-0)	-12.7 (-30.2-194)	0 (0-1)	-4.3 (-30.4-162)	0 (0-0)	-7.6 (-27.4-217)	0 (0-0)	-10.8 (-31.3-231)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Yucatán	0 (0-0)	4.8 (-14.3-265)	0 (0-0)	11.7 (-16.8-228)	0 (0-0)	9.8 (-11.7-290)	0 (0-0)	6.5 (-16.5-297)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Zacatecas	0 (0-0)	-2.6 (-21.6-331)	0 (0-0)	1.5 (-26.2-244)	0 (0-0)	2.4 (-19-351)	0 (0-0)	0.7 (-21.6-380)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Nicaragua	1 (1-2)	9.1 (-6.9-51.3)	4 (3-5)	12.9 (-7.5-47.6)	1 (1-2)	11.2 (-5.4-55.3)	1 (1-1)	10.2 (-7-55.9)	1 (1-2)	4 (3-6)	1 (1-2)	1 (1-2)
Panama	0 (0-1)	31.7 (7.2-84.9)	2 (1-3)	33 (11.8-73.5)	0 (0-1)	33.2 (7.8-88.1)	0 (0-1)	32.1 (5.7-92.2)	1 (0-1)	3 (2-4)	1 (0-1)	1 (0-1)
Venezuela (Bolivarian Republic of)	39 (28-50)	-20.4 (-33.8--2.6)	127 (98-161)	-45.3 (-53--35.8)	39 (28-50)	-20.7 (-34.2--2.6)	36 (24-46)	-16.6 (-31.6-3.1)	31 (22-42)	70 (53-90)	31 (22-42)	30 (20-40)
Tropical Latin America	53 (43-66)	-1.5 (-7.1-4.6)	1,040 (861-1,260)	16.3 (9.5-23.3)	52 (42-66)	18.6 (10.7-26.9)	11 (8-16)	10.1 (0.6-20.8)	52 (42-65)	1,210 (984-1,500)	62 (50-77)	13 (9-18)
Brazil	50 (41-62)	-1.6 (-7.5-4.7)	1,000 (828-1,200)	16.4 (9.4-23.7)	50 (40-63)	18.6 (10.4-27.2)	10 (7-15)	10.9 (0.4-22.4)	50 (40-62)	1,170 (948-1,440)	59 (48-73)	11 (8-17)
Acre	0 (0-0)	104 (22.6-3180)	0 (0-0)	139 (35.8-3650)	0 (0-0)	128 (34.7-3650)	0 (0-0)	113 (21.1-3930)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Alagoas	0 (0-0)	54.3 (-12.7-2230)	0 (0-1)	86.5 (0.1-2630)	0 (0-0)	80.4 (0.1-2680)	0 (0-0)	76.6 (-5.6-3040)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Amapá	0 (0-0)	120 (39.7-3630)	0 (0-0)	142 (47.6-3970)	0 (0-0)	138 (47.4-4000)	0 (0-0)	126 (34.3-4070)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Amazonas	0 (0-0)	106 (14.5-605)	1 (0-2)	131 (24.5-670)	0 (0-0)	124 (22.2-668)	0 (0-0)	119 (14.3-716)	0 (0-0)	2 (1-5)	0 (0-0)	0 (0-0)
Bahia	2 (1-3)	22 (-17.6-103)	30 (19-43)	40.8 (-5.4-132)	2 (1-3)	38.7 (-7.2-132)	1 (0-1)	44.2 (-6.7-158)	3 (2-4)	42 (26-60)	2 (2-4)	1 (0-1)
Ceará	0 (0-0)	81.6 (-0.8-1070)	1 (0-2)	102 (5.3-1230)	0 (0-0)	99.5 (6.3-1220)	0 (0-0)	106 (5.2-1310)	0 (0-0)	2 (0-4)	0 (0-0)	0 (0-0)
Distrito Federal	0 (0-1)	42.2 (-5.5-141)	7 (4-10)	83.9 (23.4-206)	0 (0-1)	82.6 (20.7-211)	0 (0-0)	58.3 (5.5-181)	1 (0-1)	12 (8-18)	1 (0-1)	0 (0-0)
Espírito Santo	0 (0-0)	62.6 (-15.8-263)	3 (1-4)	82.8 (-5.9-308)	0 (0-0)	91.3 (-2-327)	0 (0-0)	93 (-4.5-321)	0 (0-0)	5 (3-9)	0 (0-0)	0 (0-0)
Goiás	0 (0-0)	21.1 (-13.9-129)	5 (3-8)	51 (3-179)	0 (0-0)	47 (1.9-178)	0 (0-0)	31.8 (-12.7-160)	0 (0-1)	8 (5-14)	0 (0-1)	0 (0-0)
Maranhão	0 (0-0)	73.2 (3-1450)	1 (0-2)	113 (20.9-1810)	0 (0-0)	107 (20.1-1720)	0 (0-0)	110 (18.3-1690)	0 (0-0)	1 (0-3)	0 (0-0)	0 (0-0)
Mato Grosso	0 (0-0)	67.1 (-3-1750)	0 (0-1)	91.9 (6-2010)	0 (0-0)	88.5 (6.2-2010)	0 (0-0)	76.5 (-2.4-1960)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Mato Grosso do Sul	0 (0-0)	75 (-7.2-326)	2 (1-3)	111 (9.9-406)	0 (0-0)	101 (4.8-395)	0 (0-0)	84.7 (-7.3-364)	0 (0-0)	3 (2-6)	0 (0-0)	0 (0-0)
Minas Gerais	3 (2-4)	-54 (-68.1--34.9)	54 (42-73)	-44.9 (-61.2--23.5)	3 (2-4)	-45.2 (-62.6--22.1)	0 (0-1)	-39 (-60--9.8)	1 (1-2)	30 (20-44)	2 (1-2)	0 (0-0)
Pará	0 (0-0)	108 (12.1-844)	1 (0-3)	136 (21.7-898)	0 (0-0)	126 (19.5-921)	0 (0-0)	121 (13.1-1060)	0 (0-0)	3 (1-7)	0 (0-0)	0 (0-0)
Paraíba	2 (2-3)	35.4 (23.6-48.7)	31 (24-42)	49.7 (35-64.5)	2 (1-3)	45.6 (31.6-62.1)	1 (0-1)	56.9 (36.3-83.4)	3 (2-4)	47 (34-63)	3 (2-4)	1 (1-1)
Paraná	0 (0-0)	45.9 (-22.6-268)	2 (1-5)	75.3 (-10.5-342)	0 (0-0)	71 (-11.5-323)	0 (0-0)	53.1 (-23.2-295)	0 (0-0)	4 (2-8)	0 (0-0)	0 (0-0)
Pernambuco	0 (0-1)	64 (-15.6-330)	4 (2-7)	92 (-4.2-400)	0 (0-0)	96.6 (-0.2-416)	0 (0-0)	98.6 (-2.6-407)	0 (0-1)	8 (4-15)	0 (0-1)	0 (0-0)
Piauí	0 (0-0)	73.1 (-9.2-291)	3 (1-5)	99.4 (1.9-338)	0 (0-0)	94.2 (1.3-348)	0 (0-0)	103 (4.9-409)	0 (0-1)	5 (3-9)	0 (0-1)	0 (0-0)
Rio de Janeiro	9 (7-11)	-8.9 (-16.1--1.3)	187 (158-222)	7.1 (-0.7-15.1)	9 (7-11)	11.3 (1.6-20.9)	2 (1-2)	-2.2 (-14.2-11.7)	8 (6-10)	200 (165-243)	10 (8-12)	1 (1-2)
Rio Grande do Norte	0 (0-0)	74.1 (-10-605)	1 (0-2)	111 (4.4-731)	0 (0-0)	101 (0.9-720)	0 (0-0)	98.4 (-5.3-731)	0 (0-0)	2 (1-3)	0 (0-0)	0 (0-0)
Rio Grande do Sul	0 (0-0)	24.1 (-27.1-227)	6 (3-10)	44.3 (-16.7-271)	0 (0-1)	49.6 (-14.1-292)	0 (0-0)	31 (-26-242)	0 (0-1)	9 (4-15)	0 (0-1)	0 (0-0)
Rondônia	0 (0-0)	-25.5 (-79.2-17.4)	1 (0-2)	-9.3 (-73.6-40)	0 (0-0)	-16.9 (-76.8-32.2)	0 (0-0)	-24.4 (-78-22.3)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Roraima	0 (0-0)	106 (26.6-2450)	0 (0-0)	150 (47.3-2830)	0 (0-0)	144 (47-2940)	0 (0-0)	129 (31.8-3400)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Santa Catarina	0 (0-0)	73.2 (-8.6-355)	3 (1-5)	88.8 (-3.1-398)	0 (0-0)	103 (4.8-438)	0 (0-0)	89.1 (-4.8-374)	0 (0-0)	5 (2-8)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
São Paulo	31 (25-39)	-4.1 (-11.7-3.5)	650 (527-789)	17.1 (8.9-26.3)	32 (25-40)	18.7 (8.7-28.9)	7 (4-9)	5.4 (-8.5-20.5)	30 (24-37)	761 (612-936)	38 (30-47)	7 (5-10)
Sergipe	0 (0-0)	44.6 (-8.6-172)	3 (2-4)	60.1 (-0.1-204)	0 (0-0)	67.3 (4.2-216)	0 (0-0)	67.5 (-0.5-211)	0 (0-0)	4 (2-7)	0 (0-0)	0 (0-0)
Tocantins	0 (0-1)	23.4 (-1-49.4)	7 (5-9)	55.8 (26-90.8)	0 (0-1)	51.2 (21.5-83.2)	0 (0-0)	35.3 (6.3-65.4)	1 (0-1)	10 (7-14)	1 (0-1)	0 (0-0)
Paraguay	3 (2-4)	0.4 (-8.5-11.7)	41 (30-54)	13.8 (4.2-24.2)	2 (2-3)	18.2 (6.1-32.3)	1 (1-2)	2.5 (-9.2-19.1)	3 (2-4)	47 (35-61)	3 (2-4)	1 (1-2)
North Africa and Middle East	44 (38-53)	-7.9 (-14.2--2.6)	436 (365-529)	6.8 (0.3-13.4)	37 (31-45)	6.8 (-0.6-14)	22 (16-29)	1.5 (-6.9-9.6)	41 (34-49)	466 (385-575)	40 (33-48)	22 (17-30)
North Africa and Middle East	44 (38-53)	-7.9 (-14.2--2.6)	436 (365-529)	6.8 (0.3-13.4)	37 (31-45)	6.8 (-0.6-14)	22 (16-29)	1.5 (-6.9-9.6)	41 (34-49)	466 (385-575)	40 (33-48)	22 (17-30)
Afghanistan	2 (1-2)	66.4 (14.9-70.4)	7 (4-10)	84.3 (29.7-111)	1 (1-2)	78.1 (23.3-88.5)	1 (1-2)	74.7 (21.3-90.7)	3 (2-4)	12 (7-18)	2 (1-3)	2 (1-3)
Algeria	8 (6-10)	22.1 (10.1-37.6)	78 (59-102)	16.3 (4.6-29.4)	7 (5-9)	23.3 (11-38.2)	4 (3-6)	31.1 (13.7-54.2)	9 (7-13)	91 (69-121)	8 (6-11)	5 (3-8)
Bahrain	0 (0-0)	-11.4 (-35.2--8.1)	1 (0-1)	48.6 (11.2-66.1)	0 (0-0)	37.3 (-0.5-54.6)	0 (0-0)	-5.3 (-32.6-6.6)	0 (0-0)	1 (1-1)	0 (0-0)	0 (0-0)
Egypt	4 (3-6)	5.2 (-26.7-29.6)	34 (24-49)	35.9 (-3.2-74.8)	3 (2-5)	29 (-10.6-62.2)	2 (1-3)	20.5 (-18-51.4)	4 (3-6)	46 (32-65)	4 (3-6)	3 (2-4)
Iran (Islamic Republic of)	7 (6-8)	-12.9 (-18.3--6.7)	87 (73-107)	-4.7 (-10.6-1.5)	6 (5-8)	-2.4 (-9.6-5.5)	3 (2-4)	0.6 (-6.3-8.3)	6 (5-7)	83 (68-102)	6 (5-8)	3 (2-4)
Alborz	0 (0-0)	-8.9 (-35.7-16.8)	2 (2-3)	8 (-19.8-42.9)	0 (0-0)	8.3 (-24.3-41)	0 (0-0)	7.6 (-30.9-39.1)	0 (0-0)	3 (2-3)	0 (0-0)	0 (0-0)
Ardebil	0 (0-0)	-34.2 (-53.6--14.4)	1 (1-2)	-26.8 (-45.6--3.4)	0 (0-0)	-24.8 (-46.6-0.7)	0 (0-0)	-25.1 (-50.2-0.9)	0 (0-0)	1 (1-1)	0 (0-0)	0 (0-0)
Bushehr	0 (0-0)	3.3 (-22.1-26.6)	2 (1-2)	23.6 (-3.2-51.1)	0 (0-0)	24 (-6.4-53)	0 (0-0)	19 (-13.2-51.5)	0 (0-0)	2 (2-3)	0 (0-0)	0 (0-0)
Chahar Mahaal and Bakhtiari	0 (0-0)	-17 (-35.9-0.3)	2 (1-2)	-8.7 (-25.8-11.4)	0 (0-0)	-6.2 (-27.6-13.8)	0 (0-0)	-6 (-30.9-15.3)	0 (0-0)	2 (1-2)	0 (0-0)	0 (0-0)
East Azarbaijejan	0 (0-0)	-24.3 (-48.5--0.4)	3 (2-4)	-11.1 (-35-18.8)	0 (0-0)	-8.7 (-37.7-21.6)	0 (0-0)	-5.8 (-38.2-24.2)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Fars	1 (0-1)	-16.6 (-37.9-1.3)	8 (6-10)	-14.5 (-32.1-2.8)	1 (0-1)	-11.2 (-34.8-8.3)	0 (0-0)	-5.1 (-32.9-17.7)	0 (0-1)	7 (5-9)	1 (0-1)	0 (0-0)
Gilan	0 (0-0)	-33.9 (-52.1--14.5)	2 (2-3)	-24.4 (-41.9-0.4)	0 (0-0)	-22.9 (-44.2--0.8)	0 (0-0)	-27.3 (-49.6--5.7)	0 (0-0)	2 (1-2)	0 (0-0)	0 (0-0)
Golestan	0 (0-0)	-12.5 (-39.2-11.9)	2 (1-2)	-1.8 (-27.7-28.8)	0 (0-0)	1.1 (-30.5-31.9)	0 (0-0)	3.2 (-30.3-34)	0 (0-0)	2 (1-2)	0 (0-0)	0 (0-0)
Hamadan	0 (0-0)	-37.2 (-57.7--18.8)	2 (2-3)	-31 (-50.2--11)	0 (0-0)	-29.3 (-52.4--8.6)	0 (0-0)	-27.4 (-54.2--3.4)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Hormozgan	0 (0-0)	20.5 (-4.3-55.1)	1 (1-2)	32.4 (7.2-72.7)	0 (0-0)	34.7 (6.2-74.1)	0 (0-0)	36.1 (3.5-81)	0 (0-0)	2 (1-3)	0 (0-0)	0 (0-0)
Ilam	0 (0-0)	-35.1 (-53.6--17.8)	1 (1-1)	-22.8 (-42.1--1.2)	0 (0-0)	-22.5 (-44.6--1.2)	0 (0-0)	-25.7 (-50--3.5)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Isfahan	0 (0-1)	-22.3 (-43.8--3.4)	7 (5-9)	-9.2 (-29.9-16.2)	0 (0-1)	-9.6 (-34.7-12.7)	0 (0-0)	-12.2 (-39.4-12.4)	0 (0-0)	7 (5-9)	0 (0-1)	0 (0-0)
Kerman	0 (0-0)	10.8 (-22.4-39.3)	3 (2-4)	15.1 (-16.6-48.3)	0 (0-0)	18.8 (-17.3-52.3)	0 (0-0)	25.5 (-15.6-65.7)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Kermanshah	0 (0-0)	-27.3 (-50.7--4.5)	2 (2-3)	-27.9 (-49.1--4.4)	0 (0-0)	-23.8 (-48.7--0.6)	0 (0-0)	-17.7 (-46.9-8.4)	0 (0-0)	2 (1-2)	0 (0-0)	0 (0-0)
Khorasan-e-Razavi	1 (0-1)	-7.3 (-35-21.8)	5 (4-7)	1.7 (-23.9-34.1)	0 (0-1)	4.6 (-26.2-38.4)	0 (0-0)	8.3 (-25.4-43.6)	0 (0-1)	5 (4-7)	0 (0-1)	0 (0-0)
Khuzestan	1 (1-1)	-12.3 (-33.3-8)	9 (7-12)	-7.8 (-26.8-12.8)	1 (1-1)	-4.4 (-28.9-18.9)	0 (0-0)	1.1 (-26.4-27.9)	1 (1-1)	8 (7-11)	1 (0-1)	0 (0-0)
Kohgiluyeh and Boyer-Ahmad	0 (0-0)	-16.2 (-36.3-5.7)	2 (1-2)	-7.8 (-26.8-15.3)	0 (0-0)	-5.8 (-27.4-19.6)	0 (0-0)	-4.5 (-30.4-22.9)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Kurdistan	0 (0-0)	-18.7 (-44.7-4.4)	2 (1-2)	-15.5 (-38.9-9.1)	0 (0-0)	-12.7 (-40.8-13.7)	0 (0-0)	-10.1 (-41.3-20.8)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Lorestan	0 (0-0)	-34.1 (-54.1--15.6)	3 (2-4)	-26.7 (-45.7--2.1)	0 (0-0)	-25.3 (-48.4--4.2)	0 (0-0)	-26.1 (-50.9--4.3)	0 (0-0)	2 (1-3)	0 (0-0)	0 (0-0)
Markazi	0 (0-0)	-27.1 (-50--4.1)	2 (1-2)	-21.4 (-43.1-3.4)	0 (0-0)	-20.1 (-45.6-5.1)	0 (0-0)	-17.8 (-45.5-9.2)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Mazandaran	0 (0-0)	-25.9 (-48.8--4.7)	3 (2-4)	-13.2 (-36.2-14.2)	0 (0-0)	-12.6 (-39.8-12.4)	0 (0-0)	-16.6 (-44.1-5.3)	0 (0-0)	3 (2-3)	0 (0-0)	0 (0-0)
North Khorasan	0 (0-0)	-36.1 (-55.3--12.5)	1 (1-1)	-16.1 (-38.4-13.9)	0 (0-0)	-18.2 (-42.8-11.4)	0 (0-0)	-23.5 (-48.4-5.7)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Qazvin	0 (0-0)	-12.9 (-36.2-16)	1 (1-2)	-10.3 (-30.9-18.3)	0 (0-0)	-6.6 (-31.6-22.8)	0 (0-0)	-2.4 (-31.5-32.3)	0 (0-0)	1 (1-1)	0 (0-0)	0 (0-0)
Qom	0 (0-0)	12.1 (-16.2-44.9)	1 (1-2)	18.6 (-8.4-52.5)	0 (0-0)	21.2 (-10.4-56.6)	0 (0-0)	26 (-10.2-66.9)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Semnan	0 (0-0)	12 (-20.9-44.8)	1 (0-1)	10.3 (-17.4-45.1)	0 (0-0)	14.8 (-18.6-53.5)	0 (0-0)	19.5 (-21.6-59.3)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Sistan and Baluchistan	0 (0-0)	12 (-22.8-49.5)	2 (2-3)	29.9 (-7.3-75.1)	0 (0-0)	31.7 (-9.7-75.1)	0 (0-0)	32.8 (-11.5-77.2)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
South Khorasan	0 (0-0)	-7.8 (-35-20.1)	1 (0-1)	7.7 (-17.6-41.9)	0 (0-0)	8 (-24.3-41.6)	0 (0-0)	6.3 (-28.4-39.1)	0 (0-0)	1 (1-1)	0 (0-0)	0 (0-0)
Tehran	1 (1-1)	-5.3 (-28.7-18.2)	12 (9-15)	6 (-17.3-33.5)	1 (0-1)	8.8 (-18.6-36.4)	0 (0-0)	13.3 (-19.3-43.6)	1 (0-1)	12 (9-16)	1 (1-1)	0 (0-0)
West Azarbayejan	0 (0-0)	-1 (-27.7-28.9)	3 (2-4)	4.7 (-21.1-38.2)	0 (0-0)	9.7 (-22-43.4)	0 (0-0)	17.2 (-20.7-56.2)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Yazd	0 (0-0)	1.1 (-27.5-26.5)	1 (1-2)	11.8 (-16.9-41.5)	0 (0-0)	14 (-18.6-43.5)	0 (0-0)	20.4 (-15.9-56.4)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Zanjan	0 (0-0)	-23.8 (-44.9-1.4)	1 (1-1)	-17.5 (-37-10)	0 (0-0)	-14.3 (-38.7-14.9)	0 (0-0)	-12.2 (-39.7-18)	0 (0-0)	1 (1-1)	0 (0-0)	0 (0-0)
Iraq	2 (1-3)	-2.3 (-28.5--0.5)	16 (12-23)	27.9 (-3.4-39.7)	1 (1-2)	18.7 (-12.2-29.1)	1 (1-1)	0.2 (-29-11.6)	2 (1-3)	21 (14-29)	2 (1-2)	1 (1-1)
Jordan	0 (0-0)	77.4 (55.2-78.7)	1 (0-1)	130 (108-145)	0 (0-0)	118 (92.8-130)	0 (0-0)	83.1 (59.3-106)	0 (0-0)	2 (1-3)	0 (0-0)	0 (0-0)
Kuwait	0 (0-0)	47.8 (15.3-50.2)	2 (1-2)	99.8 (61.2-117)	0 (0-0)	88.5 (43.8-105)	0 (0-0)	49.3 (6.5-66.6)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Lebanon	0 (0-0)	2 (-16.1-25.8)	4 (3-5)	24.9 (3-50.3)	0 (0-0)	24 (0.9-53)	0 (0-0)	14.2 (-6.7-39.8)	0 (0-0)	4 (3-6)	0 (0-0)	0 (0-0)
Libya	0 (0-0)	-39.1 (-58.7--37.5)	3 (2-4)	-9.6 (-34.4-3.2)	0 (0-0)	-19 (-44.7--9.4)	0 (0-0)	-36.3 (-57.3--28.3)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Morocco	1 (1-2)	-33.1 (-52.5--31.5)	13 (9-18)	-5 (-30.7-5.7)	1 (1-2)	-11.9 (-38.1--5.6)	1 (0-1)	-24 (-47.6--15.4)	1 (1-1)	12 (8-17)	1 (1-1)	1 (0-1)
Oman	0 (0-0)	23.6 (-9.1-25.5)	1 (1-1)	59.1 (20.7-74.6)	0 (0-0)	60.9 (15.9-73.2)	0 (0-0)	49.8 (7.7-67.1)	0 (0-0)	2 (1-2)	0 (0-0)	0 (0-0)
Palestine	0 (0-0)	-5.3 (-30.6-12.7)	2 (1-2)	40.1 (3-71.9)	0 (0-0)	26.2 (-10.2-45.9)	0 (0-0)	5.2 (-27.6-19.8)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Qatar	0 (0-0)	137 (83.2-142)	1 (0-1)	336 (240-383)	0 (0-0)	350 (233-406)	0 (0-0)	178 (103-210)	0 (0-0)	2 (2-3)	0 (0-0)	0 (0-0)
Saudi Arabia	1 (1-1)	-14.2 (-34.3--13.3)	12 (8-17)	24.2 (-1.6-37)	1 (1-1)	20 (-7.4-32.5)	0 (0-1)	-13.9 (-36.5--4.6)	1 (1-1)	15 (10-21)	1 (1-1)	0 (0-1)
Sudan	4 (3-6)	-3.4 (-25.5-39.8)	18 (12-25)	34.5 (4.2-87.8)	3 (2-4)	21.2 (-6.9-76.5)	2 (1-3)	12.2 (-14.1-68.7)	4 (3-5)	24 (17-34)	3 (2-5)	2 (2-4)
Syrian Arab Republic	1 (1-2)	-60.8 (-70.7--55.6)	14 (10-19)	-41.5 (-54.4--32.4)	1 (1-1)	-48.7 (-61.3--39.8)	1 (0-1)	-60.4 (-71.6--54.2)	1 (0-1)	8 (6-11)	1 (0-1)	0 (0-0)
Tunisia	0 (0-0)	-29 (-53.6--24.2)	4 (3-6)	-12.4 (-40.2--1.5)	0 (0-0)	-12.7 (-43.9--3.3)	0 (0-0)	-20.3 (-49.9--8)	0 (0-0)	4 (2-5)	0 (0-0)	0 (0-0)
Türkiye	11 (8-15)	-35.5 (-46.4--23.4)	132 (103-171)	-10.6 (-22.7-4.8)	10 (7-13)	-18.6 (-32.6--1.9)	6 (4-8)	-34.4 (-48--19.7)	7 (6-9)	118 (93-155)	8 (6-10)	4 (3-5)
United Arab Emirates	0 (0-0)	-3.5 (-34.7--1.4)	0 (0-1)	103 (33.9-123)	0 (0-0)	85.9 (23.8-111)	0 (0-0)	63.2 (3-81.2)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Yemen	2 (1-2)	4.8 (-22.8-7.2)	8 (5-12)	42.7 (7.4-59.7)	1 (1-2)	29 (-5.5-38)	1 (1-1)	18.5 (-14.2-30.6)	2 (1-2)	11 (7-16)	1 (1-2)	1 (1-2)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
South Asia	31 (23-40)	-15.6 (-21.4--11.8)	274 (198-372)	6.4 (-1.1-12.5)	26 (20-34)	1.1 (-6.2-7.6)	15 (11-21)	-11.5 (-18.7--7)	26 (20-34)	292 (208-403)	27 (20-35)	14 (9-19)
South Asia	31 (23-40)	-15.6 (-21.4--11.8)	274 (198-372)	6.4 (-1.1-12.5)	26 (20-34)	1.1 (-6.2-7.6)	15 (11-21)	-11.5 (-18.7--7)	26 (20-34)	292 (208-403)	27 (20-35)	14 (9-19)
Bangladesh	1 (0-2)	-27.1 (-58.8--25)	6 (1-15)	-8.6 (-45.1-1.7)	1 (0-1)	-16.6 (-50.2--10.2)	0 (0-1)	-25.5 (-54.9--19)	1 (0-1)	5 (1-13)	1 (0-1)	0 (0-1)
Bhutan	0 (0-0)	-30.4 (-32.1-23.8)	0 (0-0)	-9 (-18.7-56.4)	0 (0-0)	-15 (-20.4-49.8)	0 (0-0)	-24.7 (-31.1-26.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
India	28 (21-38)	-16.5 (-22.7--12.5)	258 (187-355)	5.6 (-1.7-12)	25 (18-33)	0.4 (-7.7-3)	14 (10-20)	-12.3 (-19.1--7.7)	24 (18-32)	273 (194-379)	25 (19-32)	12 (9-18)
Nepal	0 (0-0)	-24.3 (-24.2--24.2)	1 (0-2)	2.1 (-5.4-10.9)	0 (0-0)	-7.4 (-11.2--3)	0 (0-0)	-19.6 (-25--13.9)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Pakistan	2 (0-4)	7.2 (-44.2-13.1)	9 (3-22)	37.4 (-26.4-50.9)	1 (0-2)	27.1 (-29.7-38.4)	1 (0-2)	13.5 (-36.5-24.4)	2 (1-4)	13 (4-31)	1 (0-3)	1 (0-2)
Azad Jammu & Kashmir	0 (0-0)	-13.1 (-57.2--10.8)	0 (0-0)	13.3 (-39.8-25.3)	0 (0-0)	4.7 (-46.3-12.5)	0 (0-0)	-8.2 (-52.1-0.6)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Balochistan	0 (0-0)	74.5 (-59.4-85.4)	0 (0-1)	95 (-53.2-119)	0 (0-0)	87 (-56.1-104)	0 (0-0)	78.2 (-56.1-99.8)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Gilgit-Baltistan	0 (0-0)	83.4 (50.8-87.6)	0 (0-0)	103 (65.8-121)	0 (0-0)	97.3 (59.7-106)	0 (0-0)	90.1 (53.4-105)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Islamabad Capital Territory	0 (0-0)	86.9 (37.9-92.1)	0 (0-0)	135 (74.8-152)	0 (0-0)	126 (64.6-139)	0 (0-0)	96.2 (35.9-117)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Khyber Pakhtunkhwa	0 (0-1)	58.4 (22.9-61.5)	1 (0-4)	79.2 (38-91.4)	0 (0-0)	73.3 (34.6-81)	0 (0-0)	64.8 (25.6-80)	0 (0-1)	3 (1-7)	0 (0-1)	0 (0-0)
Punjab	1 (0-2)	-11 (-49--6.5)	5 (2-12)	20 (-30.2-36.5)	1 (0-1)	10.1 (-34.3-21)	0 (0-1)	-4.4 (-40.9-6.2)	1 (0-2)	6 (2-14)	1 (0-2)	0 (0-1)
Sindh	0 (0-1)	2.4 (-41.5-7.2)	2 (1-5)	34.3 (-25.8-51.1)	0 (0-1)	24.6 (-26.2-35.6)	0 (0-0)	11 (-30.4-23)	0 (0-1)	3 (1-7)	0 (0-1)	0 (0-0)
Southeast Asia, East Asia, and Oceania	28 (24-34)	-10.8 (-15.9--6.6)	517 (423-631)	-11.8 (-16.8--7.4)	30 (26-36)	-9.4 (-15.1--4.8)	11 (8-15)	-15.5 (-21.1--10.8)	25 (21-31)	456 (368-567)	27 (23-33)	10 (7-13)
East Asia	26 (22-30)	-10.7 (-16.7--6.3)	485 (405-582)	-12.7 (-17.7--8)	28 (24-33)	-10.4 (-16.3--5.4)	10 (8-13)	-16.5 (-22.8--11.1)	23 (20-27)	424 (350-515)	25 (22-29)	9 (6-11)
China	26 (22-30)	-10.5 (-16.4--6.1)	482 (402-580)	-12.6 (-17.7--7.9)	28 (24-33)	-10.4 (-16.2--5.3)	10 (7-13)	-16.4 (-22.7--11)	23 (20-27)	421 (348-513)	25 (22-29)	8 (6-11)
Democratic People's Republic of Korea	0 (0-0)	-44.9 (-44.2--44.2)	2 (0-4)	-16.8 (-21.5--11.7)	0 (0-0)	-17.7 (-21.9--11.9)	0 (0-0)	-40 (-43.9--35.2)	0 (0-0)	1 (0-4)	0 (0-0)	0 (0-0)
Taiwan (Province of China)	0 (0-0)	-43.1 (-42.9--42.9)	2 (0-4)	-24 (-27.2--20.6)	0 (0-0)	-14.6 (-20.3--8.9)	0 (0-0)	-36.3 (-42.2--30.3)	0 (0-0)	1 (0-3)	0 (0-0)	0 (0-0)
Oceania	0 (0-0)	51.6 (49.3-62.1)	0 (0-1)	51.5 (42.7-64.4)	0 (0-0)	58.4 (54.9-67.1)	0 (0-0)	59.5 (51.1-69.6)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
American Samoa	0 (0-0)	-39.5 (-73.7--37.8)	0 (0-0)	-21.5 (-64.6--16.8)	0 (0-0)	-22.8 (-66.9--16.8)	0 (0-0)	-40.6 (-73.4--34)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Cook Islands	0 (0-0)	-36 (-35.9--35.9)	0 (0-0)	-23 (-25.4--20.4)	0 (0-0)	-21.6 (-24.1--18.3)	0 (0-0)	-37.6 (-42.4--32.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Fiji	0 (0-0)	-6.7 (-6.7--6.7)	0 (0-0)	0.3 (-4.6-5.8)	0 (0-0)	0.9 (-0.8-2.6)	0 (0-0)	-0.9 (-7.7-7.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Guam	0 (0-0)	-9.5 (-9.4--9.4)	0 (0-0)	-4.3 (-7.3--0.2)	0 (0-0)	-2.7 (-4.5--0.3)	0 (0-0)	-12.8 (-20.1--5.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Kiribati	0 (0-0)	18.4 (18.4-18.4)	0 (0-0)	26.6 (18-35.4)	0 (0-0)	26.1 (23.7-28.6)	0 (0-0)	21.8 (14.5-29.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Marshall Islands	0 (0-0)	-22.9 (-56.4--19.9)	0 (0-0)	-14.4 (-48.3--6.8)	0 (0-0)	-13.6 (-50.1--8.2)	0 (0-0)	-19.1 (-55.3--10.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Micronesia (Federated States of)	0 (0-0)	-36.2 (-36.2--36.2)	0 (0-0)	-25.9 (-29.7--21.9)	0 (0-0)	-25.7 (-28.3--22.8)	0 (0-0)	-36.5 (-40.7--32.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Nauru	0 (0-0)	-28.2 (-27.5--27.5)	0 (0-0)	-8.8 (-13.9--2.8)	0 (0-0)	-12.7 (-14.7--9)	0 (0-0)	-21.8 (-26.4--14.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Niue	0 (0-0)	-36 (-86.3--33.7)	0 (0-0)	-26.9 (-81.9--21.1)	0 (0-0)	-26.5 (-84.1--21.9)	0 (0-0)	-35 (-86.7--28.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Northern Mariana Islands	0 (0-0)	-80.7 (-81--80.6)	0 (0-0)	-60.1 (-62.2--56.6)	0 (0-0)	-59 (-62.7--52)	0 (0-0)	-74.1 (-76.8--69.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Palau	0 (0-0)	-54.8 (-54.8--54.8)	0 (0-0)	-33.7 (-37.3--30.3)	0 (0-0)	-35.7 (-38.1--32.5)	0 (0-0)	-50.4 (-53.9--46.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Papua New Guinea	0 (0-0)	68.7 (68.7-68.7)	0 (0-1)	74.9 (63.8-86.2)	0 (0-0)	74.7 (72-77.7)	0 (0-0)	72.8 (63.6-82.5)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Samoa	0 (0-0)	27 (-23.5-32.2)	0 (0-0)	14.6 (-33.8-26.5)	0 (0-0)	15.1 (-30-22)	0 (0-0)	11.8 (-31.3-23)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Solomon Islands	0 (0-0)	7.8 (-36.3-10.5)	0 (0-0)	33.4 (-20.8-43.8)	0 (0-0)	28.5 (-20.5-34.8)	0 (0-0)	17.7 (-23.8-26.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tokelau	0 (0-0)	-30.4 (-46.9--30.6)	0 (0-0)	-20.2 (-39.3--16.4)	0 (0-0)	-18.1 (-38.1--15)	0 (0-0)	-22.5 (-42.4--9.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tonga	0 (0-0)	-15.6 (-33.3--14.5)	0 (0-0)	-8.6 (-28.1--3.7)	0 (0-0)	-9.8 (-28.3--6.8)	0 (0-0)	-14.4 (-30.2--6.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tuvalu	0 (0-0)	-3.6 (-5.5--5.5)	0 (0-0)	13.2 (4.1-18.9)	0 (0-0)	8.2 (2.4-11.5)	0 (0-0)	-5.9 (-13.5-4.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Vanuatu	0 (0-0)	12.4 (-32.6-17.6)	0 (0-0)	35.9 (-22.1-49.2)	0 (0-0)	31.4 (-20.4-40.8)	0 (0-0)	18.5 (-29-31.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Southeast Asia	3 (1-6)	-12.8 (-14.2-14.4)	31 (10-64)	2.3 (-1.4-28)	2 (1-5)	1.6 (-2.3-32.4)	1 (0-3)	-8.2 (-10.8-24.4)	2 (1-5)	32 (12-67)	2 (1-5)	1 (0-2)
Cambodia	0 (0-0)	-2.4 (-3.4--3.4)	1 (0-2)	7.7 (-0.6-17.3)	0 (0-0)	7.9 (4.2-10.7)	0 (0-0)	2.9 (-3.7-10.1)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Indonesia	1 (0-3)	-21.2 (-23.1-30.8)	12 (4-31)	0.2 (-4.4-59.1)	1 (0-3)	-2.6 (-7.6-61.3)	1 (0-1)	-14.6 (-18-39.5)	1 (0-2)	12 (4-30)	1 (0-2)	0 (0-1)
Aceh	0 (0-0)	-21.9 (-61.7--5.2)	0 (0-1)	0.4 (-49.1-19.2)	0 (0-0)	-3.6 (-52.7-15.9)	0 (0-0)	-14.8 (-58.1-4.4)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Bali	0 (0-0)	-29.2 (-29.3--29.3)	0 (0-1)	1.3 (-4.1-6.6)	0 (0-0)	-3 (-6.8-1.2)	0 (0-0)	-22.4 (-27--16.3)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Bangka-Belitung Islands	0 (0-0)	-15.4 (-18.4-152)	0 (0-0)	7.9 (-2.9-207)	0 (0-0)	4.4 (-2.8-202)	0 (0-0)	-8.3 (-17.1-159)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Banten	0 (0-0)	-28 (-31-19.8)	1 (0-1)	-11.9 (-21.7-50.5)	0 (0-0)	-15.1 (-20.8-40.3)	0 (0-0)	-22.4 (-29.9-26)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Bengkulu	0 (0-0)	-20.8 (-23.1-14.5)	0 (0-0)	-0.6 (-9.2-45.7)	0 (0-0)	-4 (-9.4-39.8)	0 (0-0)	-13.6 (-20.8-23.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Gorontalo	0 (0-0)	9.9 (8.1-96.5)	0 (0-0)	44.4 (30.1-149)	0 (0-0)	32 (23.4-149)	0 (0-0)	11.5 (3.9-109)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Jakarta	0 (0-0)	-38.7 (-39.6--20.9)	1 (0-2)	-17.3 (-24.3-7.4)	0 (0-0)	-19.7 (-23.4-4)	0 (0-0)	-28.8 (-34.5--7.6)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Jambi	0 (0-0)	-12.9 (-15.7-35.1)	0 (0-0)	10.3 (0.8-69.6)	0 (0-0)	6.9 (0.1-67.3)	0 (0-0)	-6.8 (-14.7-51.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
West Java	0 (0-0)	-10.1 (-12-60)	2 (1-5)	17.7 (8.2-128)	0 (0-0)	11.6 (5.4-102)	0 (0-0)	-4.2 (-11.7-60)	0 (0-0)	2 (1-6)	0 (0-0)	0 (0-0)
Central Java	0 (0-0)	-35.6 (-36.1--36.1)	2 (1-5)	-16 (-21.8--9.8)	0 (0-0)	-18.3 (-22--14.3)	0 (0-0)	-32.4 (-37--25.7)	0 (0-0)	2 (0-4)	0 (0-0)	0 (0-0)
East Java	0 (0-0)	-35.6 (-36.1--36.1)	2 (1-5)	-15 (-20.7--5.6)	0 (0-0)	-17 (-20.6--13.4)	0 (0-0)	-31.3 (-37.4--24)	0 (0-0)	2 (0-4)	0 (0-0)	0 (0-0)
West Kalimantan	0 (0-0)	-18.3 (-21.1-18)	0 (0-1)	4.4 (-6.8-53.4)	0 (0-0)	-0.2 (-6.4-45.9)	0 (0-0)	-11.2 (-19.2-28)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
South Kalimantan	0 (0-0)	-21.5 (-24.1-13.6)	0 (0-0)	3.4 (-7.8-56.5)	0 (0-0)	-1.8 (-8.2-43.8)	0 (0-0)	-14.3 (-22.1-24.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Central Kalimantan	0 (0-0)	-14.2 (-17-71.9)	0 (0-0)	10.8 (0-115)	0 (0-0)	6.1 (-0.6-114)	0 (0-0)	-7.3 (-15.1-89.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
East Kalimantan	0 (0-0)	-1.4 (-2.1--2)	0 (0-0)	30.2 (22.9-41.6)	0 (0-0)	26 (22.1-30.4)	0 (0-0)	11.5 (1.9-20.8)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
North Kalimantan	0 (0-0)	12.4 (9.8-88.3)	0 (0-0)	60.8 (47.2-169)	0 (0-0)	45.4 (36.3-137)	0 (0-0)	21.5 (11.5-100)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Riau Islands	0 (0-0)	-15.4 (-16.8-9)	0 (0-0)	8.3 (-0.2-37.7)	0 (0-0)	6.7 (0.7-38.6)	0 (0-0)	3.8 (-4-39.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Lampung	0 (0-0)	-31.1 (-32.8--17.6)	0 (0-1)	-10.5 (-19.3-13.4)	0 (0-0)	-14.6 (-19.9-6)	0 (0-0)	-27.1 (-33.3--8.8)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Maluku	0 (0-0)	-20.1 (-22.3-35.1)	0 (0-0)	7.4 (-2.7-81.6)	0 (0-0)	-0.1 (-5.9-64.2)	0 (0-0)	-11.6 (-18.3-39.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
North Maluku	0 (0-0)	-19.4 (-21.5-36.5)	0 (0-0)	5.7 (-4.2-75.5)	0 (0-0)	-1 (-6.8-62.7)	0 (0-0)	-13 (-20.3-34.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
West Nusa Tenggara	0 (0-0)	-14.1 (-17.8-49.4)	0 (0-1)	6.2 (-6.4-80.6)	0 (0-0)	2 (-5-85.5)	0 (0-0)	-7.4 (-17-71.5)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
East Nusa Tenggara	0 (0-0)	-8.4 (-12.2-59.6)	0 (0-1)	20.1 (7.1-123)	0 (0-0)	11.9 (3.2-98.4)	0 (0-0)	-1.9 (-11.4-65.8)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Papua	0 (0-0)	63.2 (59.6-177)	0 (0-0)	103 (84.6-208)	0 (0-0)	92.6 (83.5-212)	0 (0-0)	75.1 (62.2-176)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
West Papua	0 (0-0)	-16.6 (-19.1-63)	0 (0-0)	2.5 (-7.1-92.9)	0 (0-0)	-0.3 (-5.7-96)	0 (0-0)	-8.9 (-17-79.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Riau	0 (0-0)	51.7 (47.8-206)	0 (0-1)	95.4 (79.4-271)	0 (0-0)	88.6 (79-282)	0 (0-0)	66.6 (52.2-251)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
West Sulawesi	0 (0-0)	-4.3 (-6.8-62)	0 (0-0)	28.1 (16-111)	0 (0-0)	18 (10.3-96.8)	0 (0-0)	2.3 (-5.5-72)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
South Sulawesi	0 (0-0)	-28.2 (-29.8-12.6)	0 (0-1)	-4.2 (-12.5-45.6)	0 (0-0)	-9.1 (-14.6-42.6)	0 (0-0)	-23 (-28.6-22)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Central Sulawesi	0 (0-0)	-17.5 (-20.6-121)	0 (0-0)	13.3 (1.6-217)	0 (0-0)	5.6 (-2.2-183)	0 (0-0)	-10.5 (-19.9-144)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Southeast Sulawesi	0 (0-0)	-3.5 (-5.2-16)	0 (0-0)	23.1 (12.5-61.9)	0 (0-0)	17 (11.2-44.7)	0 (0-0)	4 (-4.2-25.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
North Sulawesi	0 (0-0)	-42.7 (-42.9--42.9)	0 (0-0)	-19.9 (-25.6--15)	0 (0-0)	-24.4 (-27.9--20.9)	0 (0-0)	-39.8 (-44--35.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
West Sumatra	0 (0-0)	-30.5 (-32.2--10.3)	0 (0-1)	-8.1 (-21.1-23)	0 (0-0)	-13 (-19.4-11.5)	0 (0-0)	-25.1 (-36.3--0.5)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
South Sumatra	0 (0-0)	-24.4 (-24.6-12.4)	0 (0-1)	-2.9 (-12.3-44.3)	0 (0-0)	-7.2 (-11-37.2)	0 (0-0)	-18.1 (-24.3-20.4)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
North Sumatra	0 (0-0)	-22.2 (-23.9-3.4)	1 (0-2)	-2.5 (-9.9-32.2)	0 (0-0)	-6.6 (-11.2-28.3)	0 (0-0)	-17.1 (-23.3-11.7)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Yogyakarta	0 (0-0)	-25.2 (-28-21.8)	0 (0-0)	-6.9 (-14.2-55.4)	0 (0-0)	-6 (-12.2-52.7)	0 (0-0)	-20.8 (-28.7-27.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Lao People's Democratic Republic	0 (0-0)	-5.4 (-5.7--5.7)	0 (0-1)	9 (0.6-16.3)	0 (0-0)	5.9 (2.7-9.3)	0 (0-0)	-0.2 (-6-6)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Malaysia	0 (0-0)	5.8 (5.4-5.5)	2 (0-3)	12.3 (7.2-17.5)	0 (0-0)	16.3 (11.5-20.5)	0 (0-0)	-2.9 (-12-7)	0 (0-0)	2 (0-4)	0 (0-0)	0 (0-0)
Maldives	0 (0-0)	16.7 (12.7-441)	0 (0-0)	38.4 (22-535)	0 (0-0)	39 (23.5-559)	0 (0-0)	17 (6-428)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Mauritius	0 (0-0)	-36.4 (-36.5--36.4)	0 (0-0)	-21.6 (-25.4--18.3)	0 (0-0)	-16.7 (-20.5--12.5)	0 (0-0)	-37.9 (-42.5--31.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Myanmar	0 (0-1)	-16.7 (-16.7--16.7)	2 (0-5)	-2.6 (-10.1-5.7)	0 (0-1)	-5.6 (-7.4--3.4)	0 (0-0)	-11.1 (-16.7--6.5)	0 (0-1)	2 (0-5)	0 (0-1)	0 (0-0)
Philippines	1 (0-1)	13.8 (8.6-17)	6 (2-14)	26.9 (22.4-30.4)	0 (0-1)	24.6 (19.7-28.2)	0 (0-1)	15.6 (10.7-19.2)	1 (0-2)	7 (3-18)	1 (0-1)	0 (0-1)
Abra	0 (0-0)	-16.4 (-18.8-32.1)	0 (0-0)	2.8 (-4.8-55.9)	0 (0-0)	1.8 (-3.5-59.9)	0 (0-0)	-10.4 (-19.2-37.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Agusan Del Norte	0 (0-0)	8.4 (8.6-8.6)	0 (0-0)	17.9 (9.5-25.5)	0 (0-0)	15 (12.8-17.6)	0 (0-0)	8.3 (0.8-16.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Agusan Del Sur	0 (0-0)	-7.7 (-7.8-5.3)	0 (0-0)	12.5 (3.3-27.5)	0 (0-0)	8 (4.7-22.5)	0 (0-0)	-0.4 (-7.8-16.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Aklan	0 (0-0)	19.7 (19.7-19.7)	0 (0-0)	22.9 (17.5-29.1)	0 (0-0)	24.2 (21.8-26.7)	0 (0-0)	18.4 (10.7-25.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Albay	0 (0-0)	4.8 (5.1-5.1)	0 (0-0)	12.6 (6.7-18.4)	0 (0-0)	10.6 (8.2-14)	0 (0-0)	2.7 (-3.8-8.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Antique	0 (0-0)	4.4 (4.4-4.4)	0 (0-0)	16.5 (10.6-22.6)	0 (0-0)	13.8 (11.4-16.2)	0 (0-0)	4.2 (-1.9-10.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Apayao	0 (0-0)	-23 (-23.1--23.1)	0 (0-0)	3.4 (-4.8-13.9)	0 (0-0)	-2.2 (-6.4-2.5)	0 (0-0)	-11.9 (-18.7--3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Aurora	0 (0-0)	-2.3 (-23.4--0.9)	0 (0-0)	13.7 (-5.2-33.5)	0 (0-0)	10.8 (-13.3-16.9)	0 (0-0)	3.1 (-21.6-13.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Basilan	0 (0-0)	28.9 (28.9-28.9)	0 (0-0)	48.3 (41.2-55.5)	0 (0-0)	44.6 (41.3-48.4)	0 (0-0)	34.6 (26.7-44.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Bataan	0 (0-0)	14 (14-14)	0 (0-0)	27.4 (21.6-32.8)	0 (0-0)	26.8 (24.1-30.1)	0 (0-0)	16.2 (10-22.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Batanes	0 (0-0)	-28.7 (-28.3--28.3)	0 (0-0)	-10.2 (-14.9--4.9)	0 (0-0)	-13.6 (-16--10.5)	0 (0-0)	-24.4 (-29.8--19.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Batangas	0 (0-0)	42.9 (42.4-42.4)	0 (0-0)	43.7 (37.1-51.2)	0 (0-0)	44.9 (41.4-47.9)	0 (0-0)	38.9 (28.5-47.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Benguet	0 (0-0)	26.3 (29.3-29.3)	0 (0-0)	28.6 (22.5-38.1)	0 (0-0)	31.2 (30.5-38.1)	0 (0-0)	25.1 (17.3-36.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Biliran	0 (0-0)	0.3 (0.9-0.9)	0 (0-0)	12.8 (7.3-18.3)	0 (0-0)	12.8 (10.6-16)	0 (0-0)	2.9 (-3.7-10.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Bohol	0 (0-0)	-23.1 (-23.5--23.5)	0 (0-0)	0.2 (-5.4-5.1)	0 (0-0)	-4.1 (-7.4--1.2)	0 (0-0)	-17.1 (-22.7--10.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Bukidnon	0 (0-0)	-8.1 (-19.3--6.9)	0 (0-0)	16.4 (0.2-26.5)	0 (0-0)	10.6 (-3.3-15.9)	0 (0-0)	0.3 (-12.2-7.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Bulacan	0 (0-0)	30.6 (30.6-30.6)	0 (0-0)	44.2 (37.2-51)	0 (0-0)	41.6 (37.4-46.4)	0 (0-0)	26.8 (18.5-37)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Cagayan	0 (0-0)	0.7 (-1.6-33.9)	0 (0-0)	10.8 (2.4-46.6)	0 (0-0)	9.7 (4.4-48.8)	0 (0-0)	2.8 (-5.3-37.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Camarines Norte	0 (0-0)	3.8 (3.8-3.8)	0 (0-0)	16.5 (10.6-22)	0 (0-0)	14.5 (12.1-17.4)	0 (0-0)	6.3 (0-12.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Camarines Sur	0 (0-0)	11.1 (8.4-43.7)	0 (0-0)	23.8 (12.4-62.8)	0 (0-0)	20.6 (15.2-59.1)	0 (0-0)	12.8 (3.4-51.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Camiguin	0 (0-0)	3.2 (4-4)	0 (0-0)	11.4 (6.6-16.3)	0 (0-0)	11.4 (9.8-14.3)	0 (0-0)	5 (-3.1-15.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Capiz	0 (0-0)	-0.4 (-1--1)	0 (0-0)	5.2 (-1.2-11.6)	0 (0-0)	4 (1.2-6.3)	0 (0-0)	-2.6 (-8.9-2.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Catanduanes	0 (0-0)	-8.6 (-8.6--8.6)	0 (0-0)	10.4 (3-16.6)	0 (0-0)	6 (3.3-9.1)	0 (0-0)	-2.3 (-7.1-3.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Cavite	0 (0-0)	84.2 (79.9-79.9)	0 (0-0)	92.2 (78.8-99.6)	0 (0-0)	91.9 (82.5-94.1)	0 (0-0)	77.5 (62.7-92.6)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Cebu	0 (0-0)	34.9 (34.8-34.8)	0 (0-1)	40.9 (33.7-49.5)	0 (0-0)	40.9 (38.6-43.5)	0 (0-0)	36.9 (28.9-45.8)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Cotabato (North Cotabato)	0 (0-0)	32.8 (34.2-34.3)	0 (0-0)	43.3 (30.8-51.7)	0 (0-0)	43.5 (41.1-48.1)	0 (0-0)	39.6 (29.6-50.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Davao de Oro	0 (0-0)	-10.2 (-38.2--8.2)	0 (0-0)	12.2 (-21.1-20.6)	0 (0-0)	9.7 (-24.5-15.2)	0 (0-0)	0.1 (-25.8-7.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Davao Del Norte	0 (0-0)	-12.2 (-12.2--12.2)	0 (0-0)	16.1 (10.4-21.5)	0 (0-0)	14.3 (10.9-18)	0 (0-0)	-2.8 (-10.3-3.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Davao Del Sur	0 (0-0)	24.1 (25.4-25.4)	0 (0-0)	32.2 (24.8-40.5)	0 (0-0)	32.3 (30.7-36.5)	0 (0-0)	26.8 (20-36.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Davao Occidental	0 (0-0)	-12.7 (-12.7--12.7)	0 (0-0)	28.1 (19.8-35.8)	0 (0-0)	16.9 (12.2-22.9)	0 (0-0)	-3.2 (-10.3-3.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Davao Oriental	0 (0-0)	-14.3 (-14.3--14.3)	0 (0-0)	8.8 (1.9-15.3)	0 (0-0)	1.5 (-1.9-5.2)	0 (0-0)	-10.8 (-15.4--5.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Dinagat Islands	0 (0-0)	-30.3 (-30.1--30.1)	0 (0-0)	-7 (-13.2-0.4)	0 (0-0)	-10.1 (-13--6.6)	0 (0-0)	-19.7 (-25.5--12.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Eastern Samar	0 (0-0)	4.4 (5.6-5.6)	0 (0-0)	16.9 (9.3-26.2)	0 (0-0)	12.6 (10.6-17)	0 (0-0)	6.7 (0-14.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Guimaras	0 (0-0)	-0.1 (-0.9--0.9)	0 (0-0)	12.4 (6.5-18.8)	0 (0-0)	13.4 (9.3-16.1)	0 (0-0)	6.1 (-2.6-15.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Ifugao	0 (0-0)	16.1 (15.7-15.7)	0 (0-0)	19.6 (13-25.4)	0 (0-0)	22.7 (19.5-25.6)	0 (0-0)	22.4 (14.1-31.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Ilocos Norte	0 (0-0)	3.1 (3.1-3.1)	0 (0-0)	7.2 (2.2-12.3)	0 (0-0)	8 (6.5-9.9)	0 (0-0)	5.4 (-1.3-12.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Ilocos Sur	0 (0-0)	-3.1 (-3.1--3.1)	0 (0-0)	6.5 (1.8-12.2)	0 (0-0)	6.8 (4.7-8.9)	0 (0-0)	1.1 (-6.1-8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Iloilo	0 (0-0)	19.9 (19.9-19.9)	0 (0-0)	20.3 (15.1-25.9)	0 (0-0)	22.1 (20-24.4)	0 (0-0)	19.9 (11.6-29.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Isabela	0 (0-0)	13.7 (14.3-14.3)	0 (0-0)	15.6 (7.7-22.4)	0 (0-0)	16.9 (15.1-20.2)	0 (0-0)	14.4 (6.4-24.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Kalinga	0 (0-0)	-14.7 (-14.7--14.7)	0 (0-0)	9.5 (4.6-14)	0 (0-0)	8 (5-11.4)	0 (0-0)	-3.9 (-9.3-3.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
La Union	0 (0-0)	6.3 (6.3-6.3)	0 (0-0)	9.3 (4.3-15.1)	0 (0-0)	10.7 (8.7-13.2)	0 (0-0)	8.1 (1.4-14.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Laguna	0 (0-0)	56.8 (56.3-56.3)	0 (0-0)	58.6 (52.3-64.9)	0 (0-0)	61.1 (57.6-64)	0 (0-0)	57.8 (47.9-67.6)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Lanao Del Norte	0 (0-0)	15.9 (15.2-15.2)	0 (0-0)	33.4 (26.9-40.9)	0 (0-0)	32.1 (28.6-34.6)	0 (0-0)	24.8 (16.6-36)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Lanao Del Sur	0 (0-0)	14.4 (-22-15.6)	0 (0-0)	33.8 (-6.6-44.1)	0 (0-0)	31.9 (-9.1-36.9)	0 (0-0)	26.7 (-11.5-36.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Leyte	0 (0-0)	11.1 (11.1-11.1)	0 (0-0)	18.7 (12.5-25.7)	0 (0-0)	17.1 (14.3-20.3)	0 (0-0)	11.1 (4.4-18.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Maguindanao	0 (0-0)	34.7 (31.7-95.3)	0 (0-0)	68 (54.6-155)	0 (0-0)	61.9 (54.3-137)	0 (0-0)	51.1 (38.7-125)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Marinduque	0 (0-0)	-30 (-29.3--29.3)	0 (0-0)	-11.1 (-16.3--5.5)	0 (0-0)	-15.8 (-18.3--11.7)	0 (0-0)	-27.8 (-33.7--21.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Masbate	0 (0-0)	7.1 (-26.8-8.7)	0 (0-0)	22.5 (-16-33.3)	0 (0-0)	17.8 (-18.7-23)	0 (0-0)	9.7 (-20.7-21.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Misamis Occidental	0 (0-0)	7.5 (-42.9-9.8)	0 (0-0)	15.6 (-37.3-24.4)	0 (0-0)	14.4 (-39.9-19)	0 (0-0)	10 (-42-20.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Misamis Oriental	0 (0-0)	34.5 (34.6-64.4)	0 (0-0)	38.9 (23.5-64.7)	0 (0-0)	38.6 (35.6-69.3)	0 (0-0)	34.7 (22.9-62.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Mountain Province	0 (0-0)	-11.1 (-11.6-16.1)	0 (0-0)	-0.4 (-6.8-27.1)	0 (0-0)	-1 (-3.4-27.4)	0 (0-0)	-6.2 (-12.8-19.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
National Capital Region	0 (0-0)	1.4 (0.9-0.9)	1 (0-2)	19.6 (13-27.3)	0 (0-0)	18.2 (14-21.7)	0 (0-0)	3.7 (-3.1-11.4)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Negros Occidental	0 (0-0)	2.3 (2-2)	0 (0-0)	8.5 (3.5-14.2)	0 (0-0)	7.6 (4.9-10.1)	0 (0-0)	1.6 (-5.4-7.3)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Negros Oriental	0 (0-0)	-2.4 (-3.5-17.9)	0 (0-0)	8.5 (1.4-37.8)	0 (0-0)	6.5 (2.9-29.4)	0 (0-0)	-0.3 (-8.1-20)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Northern Samar	0 (0-0)	11.9 (-24.4-12.5)	0 (0-0)	22.2 (-19.5-36.2)	0 (0-0)	18.9 (-18.6-24.7)	0 (0-0)	12.2 (-22.3-25.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Nueva Ecija	0 (0-0)	21.3 (20.7-20.7)	0 (0-0)	28.9 (22-38)	0 (0-0)	29.1 (26-31.4)	0 (0-0)	24.4 (14.3-34.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Nueva Vizcaya	0 (0-0)	4.5 (4.5-4.5)	0 (0-0)	13.8 (8.9-19.7)	0 (0-0)	14.3 (12.1-16.6)	0 (0-0)	9.3 (2-16.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Occidental Mindoro	0 (0-0)	-2.7 (-5-29.3)	0 (0-0)	19.9 (10.2-58.5)	0 (0-0)	16.2 (10.5-59.8)	0 (0-0)	7 (-1.9-48.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Oriental Mindoro	0 (0-0)	-7.9 (-8.2--8.2)	0 (0-0)	10.8 (2.3-18.6)	0 (0-0)	5.2 (2-8.4)	0 (0-0)	-6.2 (-13.5-1.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Palawan	0 (0-0)	25.3 (24.7-24.8)	0 (0-0)	44.3 (36-51.8)	0 (0-0)	39.7 (35.8-43.3)	0 (0-0)	28.8 (19.8-39.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Pampanga	0 (0-0)	33.9 (31.3-32.6)	0 (0-0)	39.4 (29.8-49.9)	0 (0-0)	39 (33.2-42.6)	0 (0-0)	30.7 (19.1-48.1)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Pangasinan	0 (0-0)	7.6 (7.6-7.6)	0 (0-0)	14.7 (10-19.9)	0 (0-0)	14.4 (12.5-16.6)	0 (0-0)	9.5 (3.1-15.2)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Quezon	0 (0-0)	8.5 (8.9-8.9)	0 (0-0)	18.9 (12.9-25.3)	0 (0-0)	17.1 (15-20.4)	0 (0-0)	9.3 (2.2-17.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Quirino	0 (0-0)	-14.7 (-25.3--13.8)	0 (0-0)	7 (-6.4-16)	0 (0-0)	3.3 (-9.3-7.3)	0 (0-0)	-5.4 (-19.4-2.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Rizal	0 (0-0)	75.8 (76.3-76.3)	0 (0-0)	80.2 (72.7-87.9)	0 (0-0)	77.5 (73.8-82.4)	0 (0-0)	69.1 (60.6-80.2)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Romblon	0 (0-0)	-18.8 (-18.6--18.5)	0 (0-0)	-3 (-9.7-4)	0 (0-0)	-6.4 (-8.9--3.2)	0 (0-0)	-14.4 (-21--7.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Samar (Western Samar)	0 (0-0)	2.2 (2.2-2.2)	0 (0-0)	12.6 (4.6-21.1)	0 (0-0)	6.8 (4.2-10.1)	0 (0-0)	1.5 (-3.6-8.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Sarangani	0 (0-0)	15.9 (16.5-16.5)	0 (0-0)	24.6 (17.8-30.8)	0 (0-0)	22.3 (19.1-26.8)	0 (0-0)	13.1 (6-20.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Siquijor	0 (0-0)	-12.6 (-12.6--12.6)	0 (0-0)	5.6 (0.5-11.4)	0 (0-0)	4.3 (1.7-7.3)	0 (0-0)	-6.4 (-12.7--0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Sorsogon	0 (0-0)	11.1 (10.2-44.6)	0 (0-0)	16.7 (9.8-44.2)	0 (0-0)	15.1 (11.3-48.7)	0 (0-0)	7.1 (0.5-36.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
South Cotabato	0 (0-0)	18.8 (20.1-20.1)	0 (0-0)	27.8 (18.2-37.7)	0 (0-0)	26.4 (24.6-30.4)	0 (0-0)	20 (6.3-28.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Southern Leyte	0 (0-0)	-4.4 (-2.8--2.7)	0 (0-0)	5.9 (0.5-13.1)	0 (0-0)	3.3 (2.4-7.8)	0 (0-0)	-3 (-8.2-4.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Sultan Kudarat	0 (0-0)	-0.3 (-0.3--0.3)	0 (0-0)	26.6 (20-32.6)	0 (0-0)	23.3 (19.8-26.9)	0 (0-0)	10.2 (4-17.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Sulu	0 (0-0)	-10.4 (-10.4--10.4)	0 (0-0)	28.1 (17.1-36.9)	0 (0-0)	17.1 (12.6-22.3)	0 (0-0)	3.9 (-1.3-10.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Surigao Del Norte	0 (0-0)	18 (-42.6-19.5)	0 (0-0)	23.9 (-35.6-36)	0 (0-0)	22.8 (-39.3-28)	0 (0-0)	16.3 (-42.7-30)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Surigao Del Sur	0 (0-0)	-1.8 (-3.5-43.2)	0 (0-0)	6.4 (-2.5-57.2)	0 (0-0)	4.5 (0.3-51.7)	0 (0-0)	-1.4 (-11-41.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tarlac	0 (0-0)	3.4 (3.4-3.4)	0 (0-0)	16.7 (10.9-22.3)	0 (0-0)	15.1 (12.3-17.8)	0 (0-0)	4.8 (-2.2-12)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tawi-Tawi	0 (0-0)	-1.7 (-4--4)	0 (0-0)	17.7 (9.3-24.2)	0 (0-0)	16 (10.5-17.2)	0 (0-0)	6.7 (-2.6-18)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Zambales	0 (0-0)	19.6 (-8.2-20.5)	0 (0-0)	25.1 (0.2-34.1)	0 (0-0)	24.9 (-2.8-28.5)	0 (0-0)	18.1 (-4.7-26)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Zamboanga Del Norte	0 (0-0)	-5.3 (-6.3--6.2)	0 (0-0)	12.4 (5.6-18.9)	0 (0-0)	9.3 (5.7-11)	0 (0-0)	1 (-6-7.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Zamboanga Del Sur	0 (0-0)	8.3 (8.9-8.9)	0 (0-0)	17.5 (11.1-24)	0 (0-0)	16.7 (14.5-20.2)	0 (0-0)	9.7 (1.5-17.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Zamboanga Sibugay	0 (0-0)	8.8 (8.2-8.7)	0 (0-0)	28.9 (21.1-40.3)	0 (0-0)	24.7 (21.1-30)	0 (0-0)	14 (6.7-27.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Seychelles	0 (0-0)	-6.7 (-6.6--6.6)	0 (0-0)	2.4 (-2-6.2)	0 (0-0)	7.5 (3.9-11.7)	0 (0-0)	-1.5 (-8.2-5.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Sri Lanka	0 (0-0)	-17.6 (-18--17.8)	1 (0-2)	-0.3 (-5.4-4.1)	0 (0-0)	0 (-2.8-2.2)	0 (0-0)	-11.6 (-18.4--4.8)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Thailand	0 (0-0)	-39.5 (-39.5--39.5)	3 (1-6)	-23.1 (-27.5--19.3)	0 (0-0)	-21.4 (-25--17.2)	0 (0-0)	-38.7 (-42.2--34.1)	0 (0-0)	2 (1-5)	0 (0-0)	0 (0-0)
Timor-Leste	0 (0-0)	4.1 (3.7-3.7)	0 (0-0)	35.8 (26.6-46)	0 (0-0)	23.9 (19.1-29.1)	0 (0-0)	12.7 (6.1-19.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Viet Nam	0 (0-1)	-20.4 (-20.4--19.9)	5 (1-9)	-6.6 (-11--1.3)	0 (0-1)	-3.8 (-8.2-0.9)	0 (0-0)	-14.9 (-21.6--9.5)	0 (0-0)	4 (1-9)	0 (0-1)	0 (0-0)
Sub-Saharan Africa	86,200 (67,300-110,000)	15.1 (9.8-20)	912,000 (730,000-1,140,000)	42.6 (35-49)	43,000 (32,700-56,500)	53.1 (44.6-60.1)	9,580 (6,120-14,700)	39.9 (30.7-48)	99,200 (74,700-130,000)	1,300,000 (994,000-1,670,000)	65,900 (48,600-88,500)	13,400 (8,320-20,800)
Central Sub-Saharan Africa	2,520 (1,770-3,420)	28.4 (17.8-39.8)	22,200 (15,900-29,600)	69.6 (56.9-84.4)	1,420 (966-2,000)	74.8 (61.1-91)	597 (373-911)	49.2 (34.9-67.3)	3,240 (2,290-4,510)	37,700 (26,900-50,300)	2,480 (1,700-3,530)	890 (548-1,380)
Angola	201 (144-272)	47.2 (34.9-60.2)	1,610 (1,160-2,160)	96 (80.1-114)	108 (76-152)	92.7 (74.4-112)	48 (30-76)	74.3 (50.2-99.3)	295 (208-402)	3,160 (2,270-4,190)	208 (144-294)	84 (51-132)
Central African Republic	13 (9-18)	25.9 (15.9-35.9)	106 (76-142)	42.8 (31.7-53.8)	7 (5-10)	45.5 (33.5-58.2)	3 (2-5)	37 (21.7-58.1)	16 (11-22)	151 (108-203)	11 (8-15)	4 (3-7)
Congo	99 (68-137)	3.7 (-6.4-13.5)	991 (697-1,340)	37.1 (24.6-50.9)	61 (42-86)	34.7 (20.9-48)	20 (12-31)	23.5 (8.6-41.6)	103 (71-143)	1,360 (946-1,820)	82 (56-117)	25 (15-39)
Democratic Republic of the Congo	1,840 (1,270-2,520)	31.2 (18.1-46.2)	15,900 (11,200-21,300)	71.8 (55.2-91.8)	1,030 (696-1,460)	75.7 (57.3-97.1)	445 (273-687)	51.8 (33.4-75.8)	2,420 (1,690-3,380)	27,300 (19,300-36,600)	1,810 (1,240-2,610)	676 (411-1,050)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Equatorial Guinea	249 (175-344)	19.7 (6.7-35.3)	2,260 (1,630-3,020)	84.3 (63.8-109)	138 (95-197)	102 (76.6-133)	57 (36-90)	37.3 (18.8-60.1)	298 (212-406)	4,170 (3,000-5,580)	278 (196-382)	78 (48-122)
Gabon	116 (80-160)	-7.6 (-17.1-3.2)	1,310 (924-1,770)	12.6 (1.8-25.5)	74 (50-104)	21.7 (9.2-36.4)	23 (14-35)	-1.5 (-14.4-13.6)	107 (76-149)	1,480 (1,070-1,980)	90 (64-126)	22 (14-35)
Eastern Sub-Saharan Africa	231 (167-318)	29.8 (26.1-34.2)	1,990 (1,470-2,660)	59.5 (54.8-64.5)	133 (92-188)	63.1 (57-70.1)	52 (32-81)	45 (38.2-52.4)	300 (216-413)	3,180 (2,330-4,300)	217 (152-305)	75 (46-117)
Burundi	5 (4-8)	83.7 (65.4-99.1)	49 (33-67)	92.4 (74.4-107)	3 (2-5)	97 (76.7-116)	1 (1-2)	96.4 (71.7-124)	10 (7-14)	94 (64-130)	7 (4-9)	3 (2-4)
Comoros	0 (0-0)	-20.2 (-30.1--14.2)	3 (2-3)	3.1 (-9.4-12.4)	0 (0-0)	9.8 (-3.5-20.5)	0 (0-0)	-12.9 (-25.8--3.4)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Djibouti	0 (0-0)	22.4 (-0.2-23.6)	2 (1-3)	59.6 (30.2-66.6)	0 (0-0)	60.9 (32.2-66.8)	0 (0-0)	49.2 (22.3-65.2)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Eritrea	1 (1-2)	18.2 (-0.6-26)	14 (9-19)	44.6 (23.1-53.5)	1 (1-1)	51.4 (26.6-59.7)	0 (0-1)	27.2 (2.2-42.1)	2 (1-2)	20 (14-28)	1 (1-2)	0 (0-1)
Ethiopia	26 (17-36)	24.6 (12.9-27.3)	233 (158-319)	47.7 (36-52.6)	16 (10-22)	53.1 (38.5-58.6)	6 (3-9)	37.5 (22.6-44.6)	32 (22-46)	344 (236-473)	24 (16-34)	8 (4-12)
Addis Ababa	1 (0-1)	-26 (-42.2--24.6)	7 (5-10)	-2.8 (-23.5-2.1)	0 (0-1)	-3 (-25.2-3.6)	0 (0-0)	-3.7 (-26.6-8.1)	0 (0-1)	7 (5-10)	0 (0-1)	0 (0-0)
Afar	1 (0-1)	-5.3 (-24.6--0.8)	5 (3-7)	4.8 (-15.6-11.8)	0 (0-1)	6.8 (-14.5-12.2)	0 (0-0)	6.3 (-15.4-19.7)	1 (0-1)	5 (4-8)	0 (0-1)	0 (0-0)
Amhara	6 (4-8)	4.5 (-11.9-8.6)	54 (36-75)	23.3 (5.2-29.3)	4 (2-5)	30.3 (9.4-36.5)	1 (1-2)	13.4 (-5.9-24.7)	6 (4-9)	66 (44-92)	5 (3-7)	1 (1-2)
Benishangul-Gumuz	0 (0-0)	42.6 (15-50.2)	2 (1-3)	76.6 (43.8-89.8)	0 (0-0)	82.1 (46.1-92.3)	0 (0-0)	62.5 (27.1-79.1)	0 (0-1)	4 (2-5)	0 (0-0)	0 (0-0)
Dire Dawa	0 (0-0)	5.9 (-11-7)	1 (1-1)	44.3 (23.1-51.1)	0 (0-0)	48.1 (24.7-53.6)	0 (0-0)	26 (3.9-40.3)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Gambella	0 (0-0)	30.8 (10-35.9)	1 (1-1)	88.4 (58.6-99.3)	0 (0-0)	99.7 (66.5-112)	0 (0-0)	51.5 (24-64.9)	0 (0-0)	2 (1-2)	0 (0-0)	0 (0-0)
Harari	0 (0-0)	-7.2 (-24.1--6)	0 (0-1)	37.2 (12.6-45.7)	0 (0-0)	42.5 (18-49.5)	0 (0-0)	13.5 (-8.1-23.6)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Oromia	10 (6-14)	35 (9.3-37.6)	85 (57-118)	62.1 (34.3-71.2)	6 (4-8)	66.6 (33.9-74.2)	2 (1-3)	48.3 (15.7-63.2)	13 (9-19)	138 (93-191)	9 (6-14)	3 (2-5)
Somali	2 (1-2)	48.3 (25.5-58.2)	16 (11-22)	48.9 (25.6-59.2)	1 (1-2)	50.3 (26.7-61.7)	0 (0-1)	62.9 (34.1-80.6)	2 (2-4)	24 (16-33)	2 (1-2)	1 (0-1)
Southern Nations, Nationalities, and Peoples	6 (4-8)	32.6 (11.4-37.4)	49 (32-68)	61.3 (36.1-70.1)	3 (2-5)	68.1 (41.3-76.9)	1 (1-2)	44.8 (20.2-58.6)	7 (5-11)	79 (52-110)	6 (4-8)	2 (1-3)
Tigray	1 (1-2)	8 (-7-12.2)	13 (8-18)	41.6 (23.9-48.6)	1 (1-1)	51.2 (31-60.1)	0 (0-0)	22.1 (3.8-35.9)	2 (1-2)	18 (12-25)	1 (1-2)	0 (0-1)
Kenya	24 (18-33)	6.9 (4.4-9.3)	248 (187-336)	36.5 (33.3-39.4)	15 (11-21)	45.4 (40.9-49.9)	4 (3-7)	19.8 (15.5-23.9)	26 (19-35)	339 (257-450)	22 (16-30)	5 (3-8)
Baringo	0 (0-0)	-0.4 (-10.1-9.3)	2 (2-3)	28.1 (15.1-40.4)	0 (0-0)	38.4 (21.8-52.8)	0 (0-0)	7.4 (-7.4-24.4)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Bomet	0 (0-0)	96.8 (74.1-126)	3 (2-4)	160 (131-197)	0 (0-0)	195 (161-240)	0 (0-0)	106 (77.7-142)	1 (0-1)	8 (6-11)	0 (0-1)	0 (0-0)
Bungoma	2 (1-3)	-54.9 (-58.1--50)	19 (13-26)	-38.2 (-42.1--32.4)	1 (1-2)	-36.1 (-41.4--28.4)	0 (0-1)	-47.2 (-53.3--39.1)	1 (1-1)	12 (8-16)	1 (0-1)	0 (0-0)
Busia	1 (1-2)	12.1 (3.2-22.6)	11 (8-16)	36.2 (26.7-48.7)	1 (0-1)	44 (30.6-59.4)	0 (0-0)	20.5 (6.9-36)	1 (1-2)	15 (11-21)	1 (1-1)	0 (0-0)
Elgeyo-Marakwet	0 (0-0)	-72.3 (-74.5--69.6)	3 (2-4)	-59.4 (-62.8--55.7)	0 (0-0)	-55.3 (-59.2--50.5)	0 (0-0)	-66.8 (-71.2--62.4)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Embu	0 (0-0)	-40.3 (-50.7--34.7)	2 (1-2)	-16.3 (-30.1--8.6)	0 (0-0)	-9.3 (-25.3--0.4)	0 (0-0)	-33.6 (-46.4--25.6)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Garissa	0 (0-0)	257 (195-268)	1 (1-2)	250 (187-268)	0 (0-0)	264 (197-279)	0 (0-0)	247 (176-289)	0 (0-1)	5 (3-7)	0 (0-0)	0 (0-0)
Homa Bay	2 (2-3)	2.9 (-4.2-10.6)	20 (14-28)	39.3 (28.8-48.8)	1 (1-2)	45.6 (35.2-57)	0 (0-1)	24.1 (10.3-40.1)	3 (2-3)	28 (20-38)	2 (1-3)	1 (0-1)
Isiolo	0 (0-0)	20.1 (-2.2-24)	0 (0-1)	46.4 (21.4-53.8)	0 (0-0)	55.8 (28.3-64)	0 (0-0)	31.5 (8.1-44.4)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Kajiado	0 (0-0)	36.1 (12-50.7)	2 (1-2)	82.5 (52.1-99.7)	0 (0-0)	97.4 (62.7-118)	0 (0-0)	45.3 (16.4-62.1)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Kakamega	1 (1-2)	74.2 (61-90.7)	12 (8-17)	110 (93.5-128)	1 (0-1)	123 (104-144)	0 (0-0)	80.2 (59.5-105)	2 (1-3)	26 (18-35)	2 (1-2)	0 (0-1)
Kericho	0 (0-1)	-69.5 (-72.5--67)	5 (3-7)	-54.8 (-59.1--51)	0 (0-0)	-51.2 (-56.2--46.7)	0 (0-0)	-63.9 (-68.4--59.4)	0 (0-0)	2 (2-3)	0 (0-0)	0 (0-0)
Kiambu	0 (0-1)	-32.2 (-43.6--25)	5 (4-7)	-6 (-21.1-2.2)	0 (0-0)	-1.6 (-19-9.2)	0 (0-0)	-21.5 (-35.6--9.8)	0 (0-0)	5 (3-7)	0 (0-0)	0 (0-0)
Kilifi	1 (1-2)	13.4 (3-23.1)	12 (9-17)	44.3 (33.3-56.9)	1 (0-1)	52.7 (36.7-68)	0 (0-0)	23 (5.4-39.5)	1 (1-2)	18 (13-25)	1 (1-2)	0 (0-0)
Kirinyaga	0 (0-0)	-39.5 (-49.9--35.2)	2 (1-2)	-14.8 (-29.1--10.1)	0 (0-0)	-11 (-26.6--4.6)	0 (0-0)	-32.4 (-46.5--24.7)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Kisii	1 (1-2)	-47.1 (-51.1--43.2)	16 (11-22)	-20 (-26.7--13.6)	1 (1-1)	-12.6 (-19.3--5.3)	0 (0-0)	-39.5 (-45.5--32.2)	1 (0-1)	13 (9-17)	1 (1-1)	0 (0-0)
Kisumu	1 (1-2)	-22.7 (-28.7--17.1)	11 (8-16)	11.1 (2.9-20.1)	1 (0-1)	19 (9.6-29.5)	0 (0-0)	-10.2 (-21.3-0.7)	1 (1-1)	12 (9-17)	1 (1-1)	0 (0-0)
Kitui	0 (0-1)	-17.5 (-32.3--7.7)	4 (3-6)	8.6 (-10.4-20.5)	0 (0-0)	19.3 (-2.7-34.4)	0 (0-0)	-10.4 (-28.9-5)	0 (0-0)	4 (3-6)	0 (0-0)	0 (0-0)
Kwale	1 (0-1)	10.3 (2.1-18.6)	7 (5-10)	34.9 (24.8-46.1)	0 (0-1)	41.7 (30-53.8)	0 (0-0)	15.7 (2.7-31.5)	1 (0-1)	10 (7-14)	1 (0-1)	0 (0-0)
Laikipia	0 (0-0)	-37.6 (-48.1--36.9)	1 (1-2)	-9 (-23.2--5.8)	0 (0-0)	1.5 (-15.7-6)	0 (0-0)	-27.8 (-41--19.5)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Lamu	0 (0-0)	7.2 (-6.7-11.3)	0 (0-0)	36.3 (18.2-43.1)	0 (0-0)	42.9 (23.7-49.8)	0 (0-0)	15.6 (0.2-28.9)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Machakos	0 (0-0)	-55.6 (-62.9--52)	5 (3-6)	-38.3 (-48--33.8)	0 (0-0)	-31.6 (-43.1--25.7)	0 (0-0)	-49.9 (-58.5--41.5)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Makueni	0 (0-0)	32.6 (20.5-33.5)	3 (2-4)	73.6 (57.5-79.4)	0 (0-0)	98.3 (81.6-109)	0 (0-0)	40.4 (26.1-52.2)	0 (0-0)	5 (3-6)	0 (0-0)	0 (0-0)
Mandera	0 (0-0)	1010 (860-1130)	1 (1-2)	903 (760-986)	0 (0-0)	1000 (833-1120)	0 (0-0)	802 (655-942)	1 (1-1)	12 (8-17)	1 (1-1)	0 (0-0)
Marsabit	0 (0-0)	93 (66.7-95.9)	1 (1-1)	114 (85.3-122)	0 (0-0)	134 (103-145)	0 (0-0)	92.7 (65.1-109)	0 (0-0)	2 (1-2)	0 (0-0)	0 (0-0)
Meru	0 (0-1)	-32.8 (-42.6--25.5)	5 (3-7)	-6.9 (-19.3-2.6)	0 (0-0)	2.4 (-11.6-13.1)	0 (0-0)	-26.9 (-37.3--17.1)	0 (0-0)	5 (3-7)	0 (0-0)	0 (0-0)
Migori	2 (2-3)	31.2 (21.4-42.9)	17 (12-24)	69 (56.9-82.4)	1 (1-2)	73.3 (60.1-89.6)	0 (0-1)	52.7 (37.3-71.5)	3 (2-4)	29 (20-40)	2 (1-3)	1 (0-1)
Mombasa	0 (0-1)	19.1 (10.2-30.5)	5 (4-8)	62.9 (50.4-76.6)	0 (0-1)	57.6 (45.7-71)	0 (0-0)	39.3 (24.6-54.9)	1 (0-1)	9 (6-12)	1 (0-1)	0 (0-0)
Murang'a	0 (0-0)	-34.5 (-45--30.6)	3 (2-4)	-11.2 (-24.1--7.1)	0 (0-0)	3.1 (-13.8-9.3)	0 (0-0)	-32 (-44.2--24.3)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Nairobi	1 (0-1)	10.6 (-9.8-23.1)	7 (5-10)	60.1 (32.6-78.7)	0 (0-1)	53 (27.2-70.9)	0 (0-0)	40 (13.5-59.7)	1 (0-1)	12 (8-16)	1 (0-1)	0 (0-0)
Nakuru	0 (0-1)	-25.6 (-39.2--19.3)	5 (4-7)	9.7 (-8.6-20.4)	0 (0-0)	21 (-0.5-32.2)	0 (0-0)	-18.1 (-33.7--5.9)	0 (0-0)	6 (4-8)	0 (0-0)	0 (0-0)
Nandi	0 (0-0)	-21 (-26.7--14.7)	4 (3-6)	10.6 (1.4-19.5)	0 (0-0)	22.4 (12.1-32.7)	0 (0-0)	-13.8 (-24.1--3.2)	0 (0-0)	5 (3-7)	0 (0-0)	0 (0-0)
Narok	0 (0-0)	266 (225-299)	2 (2-3)	311 (269-349)	0 (0-0)	346 (300-392)	0 (0-0)	255 (209-302)	1 (1-1)	10 (7-14)	1 (0-1)	0 (0-0)
Nyamira	0 (0-0)	8.2 (0.5-15.4)	3 (2-5)	53.8 (41.9-64.8)	0 (0-0)	72.6 (59.3-85.6)	0 (0-0)	19.6 (7.3-32.8)	0 (0-0)	5 (4-7)	0 (0-0)	0 (0-0)
Nyandarua	0 (0-0)	-27.1 (-39.8--24.6)	2 (1-3)	-1.5 (-18.3-2.9)	0 (0-0)	14.5 (-5.9-21.5)	0 (0-0)	-24 (-38.2--16.4)	0 (0-0)	2 (1-3)	0 (0-0)	0 (0-0)
Nyeri	0 (0-0)	-48.8 (-55.4--48.5)	2 (1-3)	-29.3 (-37.6--26.5)	0 (0-0)	-20.4 (-31.4--17.2)	0 (0-0)	-44.8 (-53.5--39.2)	0 (0-0)	2 (1-2)	0 (0-0)	0 (0-0)
Samburu	0 (0-0)	52.6 (25.3-65.8)	1 (1-1)	79.1 (51.5-94.1)	0 (0-0)	97.6 (63.6-118)	0 (0-0)	55.7 (22.7-76.6)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Siaya	2 (1-3)	-15.3 (-24.8--9)	16 (12-22)	13.7 (3.5-22.6)	1 (1-2)	19.4 (6.2-29)	0 (0-1)	-1 (-13.5-10.5)	2 (1-2)	19 (13-26)	1 (1-2)	0 (0-1)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Taita Taveta	0 (0-0)	-34.7 (-43.3--28)	1 (1-2)	-13.8 (-25.3--4.3)	0 (0-0)	-6.3 (-19.2-4.9)	0 (0-0)	-29.3 (-40.6--19.7)	0 (0-0)	1 (1-1)	0 (0-0)	0 (0-0)
Tana River	0 (0-0)	34.1 (13.3-45.3)	1 (1-1)	50.1 (27.9-62.3)	0 (0-0)	53.3 (29.8-67)	0 (0-0)	37.8 (15.9-52.9)	0 (0-0)	2 (1-2)	0 (0-0)	0 (0-0)
Tharaka Nithi	0 (0-0)	-18.2 (-30.4--7.2)	0 (0-1)	12.4 (-3.2-24.6)	0 (0-0)	22.6 (4-39.2)	0 (0-0)	-11.9 (-27-2.9)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Trans Nzoia	0 (0-1)	-7 (-13.4-1.6)	5 (4-7)	27.8 (18.2-39.9)	0 (0-0)	42.7 (29.1-57.3)	0 (0-0)	0.3 (-11.1-12.7)	0 (0-1)	6 (4-9)	0 (0-1)	0 (0-0)
Turkana	0 (0-0)	166 (147-191)	3 (2-4)	209 (186-238)	0 (0-0)	229 (203-262)	0 (0-0)	182 (151-216)	1 (1-1)	9 (6-12)	1 (0-1)	0 (0-0)
Uasin Gishu	0 (0-0)	-10.5 (-17.8--3.7)	4 (3-5)	30.9 (20.9-40.4)	0 (0-0)	43.6 (31.2-55.5)	0 (0-0)	1.3 (-9.1-13.8)	0 (0-0)	5 (4-7)	0 (0-0)	0 (0-0)
Vihiga	0 (0-1)	18.4 (9.4-29.3)	5 (4-7)	55.9 (42.6-70)	0 (0-0)	73.6 (56.6-93.9)	0 (0-0)	19.4 (6.7-35.6)	1 (0-1)	8 (6-11)	1 (0-1)	0 (0-0)
Wajir	0 (0-0)	168 (126-170)	2 (1-2)	164 (121-173)	0 (0-0)	177 (130-188)	0 (0-0)	160 (122-181)	0 (0-1)	4 (3-6)	0 (0-0)	0 (0-0)
West Pokot	0 (0-0)	69.7 (56-83.7)	2 (2-3)	102 (86.4-120)	0 (0-0)	115 (95.9-138)	0 (0-0)	76 (58.2-101)	0 (0-1)	5 (3-7)	0 (0-0)	0 (0-0)
Madagascar	16 (10-22)	25.6 (13.5-38.7)	139 (97-191)	54.4 (42-68.8)	9 (6-13)	58.1 (41.7-78.4)	4 (2-6)	35.4 (16.6-55.3)	20 (13-27)	215 (148-299)	15 (10-21)	5 (3-8)
Malawi	9 (6-13)	4.4 (-5.1-12.8)	70 (47-99)	60.2 (47.3-73.1)	5 (3-8)	58.5 (43.5-73.9)	2 (1-4)	23.3 (10-38.5)	9 (6-14)	112 (75-156)	8 (5-12)	3 (2-4)
Mozambique	12 (8-16)	42 (31-59)	92 (64-126)	78.8 (64.3-98.7)	6 (4-9)	78.4 (63.9-102)	3 (2-4)	61.2 (43.8-90.3)	16 (12-23)	164 (115-225)	12 (8-16)	4 (3-7)
Rwanda	2 (1-3)	10.4 (-7.9-37.6)	19 (12-28)	36 (13.1-70)	1 (1-2)	41.8 (17.2-77.9)	0 (0-1)	21.4 (1-52.4)	2 (1-3)	26 (17-38)	2 (1-3)	1 (0-1)
Somalia	4 (3-6)	80.4 (45-108)	34 (22-47)	103 (64.8-129)	3 (2-4)	101 (59.6-133)	1 (1-2)	96.9 (55.4-133)	8 (5-11)	69 (46-96)	5 (3-7)	2 (1-3)
South Sudan	5 (3-6)	10 (0.4-19.7)	37 (26-51)	24.4 (14.1-34.9)	3 (2-4)	20.4 (9.6-31.5)	1 (1-2)	13.4 (1-28.1)	5 (3-7)	46 (32-64)	3 (2-5)	1 (1-2)
Uganda	58 (40-81)	29.2 (19.4-42.8)	470 (332-643)	61.8 (50.9-76.5)	31 (21-45)	65.3 (51.8-83.7)	13 (8-21)	44.8 (27.9-65.8)	75 (51-107)	761 (532-1,060)	52 (34-73)	19 (11-31)
United Republic of Tanzania	40 (27-55)	38 (26.8-52.2)	340 (237-463)	66.3 (54.2-81.4)	22 (15-32)	66.4 (52-83.5)	9 (5-14)	54 (36.5-75.3)	55 (38-76)	566 (394-778)	37 (25-53)	13 (8-21)
Zambia	28 (19-39)	36.7 (26.7-49.2)	241 (170-328)	71.8 (58.4-84.7)	17 (11-24)	76 (62.5-93.6)	7 (4-11)	52.3 (36.5-72.3)	39 (26-55)	415 (290-576)	29 (19-42)	10 (6-16)
Southern Sub-Saharan Africa	14 (11-19)	3.5 (-1.4-9.1)	175 (131-230)	11.5 (6.4-17.1)	11 (8-15)	13.1 (7.9-19.5)	3 (2-5)	12.2 (4.9-20.1)	15 (11-20)	195 (146-256)	13 (9-17)	4 (2-5)
Botswana	2 (1-3)	7.2 (0.1-18.4)	25 (18-35)	12.1 (4.6-22.1)	2 (1-2)	17.2 (8.4-29.3)	0 (0-1)	13.2 (-0.4-27.3)	2 (1-3)	28 (20-39)	2 (1-3)	0 (0-1)
Eswatini	0 (0-1)	-17 (-24.9--10.1)	5 (4-7)	-6 (-15-2)	0 (0-0)	-0.5 (-9.6-8.8)	0 (0-0)	-10.4 (-20.9-2.3)	0 (0-1)	5 (3-7)	0 (0-0)	0 (0-0)
Lesotho	1 (1-1)	-23 (-32.4--12.7)	8 (6-11)	-11.2 (-22.6-0.6)	1 (0-1)	-6.4 (-17.9-6.5)	0 (0-0)	-15.4 (-29.6--0.6)	1 (0-1)	7 (5-10)	1 (0-1)	0 (0-0)
Namibia	1 (1-1)	13.4 (2-21.5)	10 (7-14)	14.4 (1.3-23.1)	1 (0-1)	19.3 (6.4-28.5)	0 (0-0)	16.5 (1.7-30.4)	1 (1-1)	11 (8-16)	1 (0-1)	0 (0-0)
South Africa	3 (2-4)	-5.5 (-12.8-1)	44 (31-62)	-0.9 (-8.8-5.6)	3 (2-4)	1.6 (-5.9-8.9)	1 (0-1)	1.5 (-6.3-10.1)	3 (2-4)	43 (31-61)	3 (2-4)	1 (0-1)
Eastern Cape	1 (0-1)	-26.6 (-38--1.4)	7 (5-11)	-23.2 (-35.5-1.7)	0 (0-1)	-19.3 (-31.2-8.5)	0 (0-0)	-22.4 (-36.6-6.9)	0 (0-1)	5 (4-8)	0 (0-1)	0 (0-0)
Free State	0 (0-0)	-23.7 (-37.3--0.3)	3 (2-4)	-20.5 (-35.3-2.2)	0 (0-0)	-19.8 (-34.4-5)	0 (0-0)	-15.8 (-31.3-15.8)	0 (0-0)	2 (1-3)	0 (0-0)	0 (0-0)
Gauteng	1 (0-1)	42.3 (24.2-84.3)	7 (4-11)	56.3 (37.3-104)	0 (0-1)	48.2 (28.2-94)	0 (0-0)	68.2 (45.5-123)	1 (1-1)	11 (7-16)	1 (0-1)	0 (0-0)
KwaZulu-Natal	1 (0-1)	-16.7 (-26.7-9.2)	10 (7-16)	-9.5 (-19.5-18.6)	1 (0-1)	-5.3 (-16.2-26.1)	0 (0-0)	-9 (-20.7-21.8)	1 (0-1)	9 (6-14)	1 (0-1)	0 (0-0)
Limpopo	1 (0-1)	-23.8 (-36--6.7)	8 (5-11)	-23.1 (-34.5--6.2)	0 (0-1)	-18.2 (-31.7--1.4)	0 (0-0)	-19 (-30.3-0.5)	0 (0-1)	6 (4-8)	0 (0-1)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Mpumalanga	0 (0-0)	23.1 (-2.2-44.4)	4 (2-6)	23.6 (-1.8-44.7)	0 (0-0)	29.2 (4-52.6)	0 (0-0)	29.3 (2.2-61.3)	0 (0-0)	5 (3-7)	0 (0-0)	0 (0-0)
North-West	0 (0-0)	-28.3 (-41.3--2.2)	4 (2-5)	-24.8 (-38.5-1.9)	0 (0-0)	-25.8 (-39.3-0.4)	0 (0-0)	-19.8 (-36.2-9.7)	0 (0-0)	3 (2-4)	0 (0-0)	0 (0-0)
Northern Cape	0 (0-0)	55.4 (30.5-101)	1 (0-1)	56.5 (30.2-102)	0 (0-0)	65.9 (38.6-115)	0 (0-0)	55.1 (29.5-102)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Western Cape	0 (0-0)	4.8 (4.7-4.7)	1 (0-3)	13.1 (10.7-15.7)	0 (0-0)	16.6 (13.4-20.1)	0 (0-0)	15.3 (7.1-24.1)	0 (0-0)	1 (0-3)	0 (0-0)	0 (0-0)
Zimbabwe	7 (5-11)	9.2 (1.1-18.6)	83 (57-114)	21 (12-32)	5 (4-8)	20.2 (10.7-30.7)	2 (1-3)	19.6 (6.5-33.8)	8 (5-12)	100 (69-139)	6 (4-9)	2 (1-3)
Western Sub-Saharan Africa	83,400 (65,300-106,000)	14.6 (9.2-19.6)	888,000 (712,000-1,110,000)	41.9 (34.3-48.5)	41,500 (31,600-54,300)	52.3 (43.8-59.5)	8,930 (5,670-13,700)	39.2 (29.4-47.9)	95,700 (72,000-125,000)	1,260,000 (963,000-1,610,000)	63,100 (46,600-84,700)	12,400 (7,700-19,400)
Benin	6,650 (5,210-8,220)	28.8 (10.5-48.6)	76,000 (60,700-92,800)	39.5 (19.6-60.7)	3,170 (2,400-4,000)	55.1 (31.8-80.1)	766 (481-1,140)	45.9 (20.2-74.7)	8,570 (6,440-10,900)	106,000 (79,400-135,000)	4,920 (3,660-6,420)	1,120 (704-1,700)
Burkina Faso	9,620 (8,400-10,900)	9.6 (-13.1-37.2)	100,000 (89,600-111,000)	20.8 (-5.6-51.7)	4,760 (3,990-5,560)	20.4 (-5.6-52.1)	1,190 (779-1,730)	20.1 (-9.1-60.5)	10,500 (8,080-13,600)	121,000 (92,300-156,000)	5,730 (4,290-7,510)	1,430 (905-2,160)
Cabo Verde	6 (4-8)	-18.3 (-26.1--10.2)	111 (80-149)	-11.3 (-19.7--1.8)	4 (3-6)	15.2 (3.5-29)	1 (0-1)	-14.1 (-24.3--0.6)	5 (4-7)	98 (69-133)	5 (3-7)	0 (0-1)
Cameroon	157 (125-203)	46.8 (35.9-58.4)	1,770 (1,400-2,270)	93.5 (79.2-109)	83 (64-108)	103 (87.9-120)	20 (12-30)	66.1 (46.5-90.1)	231 (184-301)	3,430 (2,670-4,410)	169 (133-222)	32 (20-50)
Chad	53 (39-71)	87.4 (73.8-106)	497 (369-653)	111 (95.5-131)	23 (17-32)	111 (95.1-133)	7 (4-11)	99.9 (76.5-130)	99 (73-132)	1,050 (770-1,390)	49 (35-65)	14 (8-21)
Côte d'Ivoire	1,560 (1,200-1,910)	17.9 (6.8-28.2)	16,500 (12,900-20,200)	43.8 (30.6-55.7)	820 (634-1,020)	43.6 (29.5-56.6)	186 (118-276)	33.8 (15.4-52)	1,830 (1,430-2,220)	23,800 (18,300-28,600)	1,180 (909-1,430)	249 (161-357)
Gambia	86 (64-111)	-9.6 (-20.4-0.4)	900 (681-1,160)	28 (13.2-42.6)	41 (31-54)	34.2 (18.7-50.1)	9 (6-14)	8.1 (-8.1-24.2)	78 (59-103)	1,150 (866-1,500)	55 (42-73)	10 (6-15)
Ghana	5,770 (5,550-6,060)	22.9 (1.1-45.1)	75,000 (69,700-80,700)	43 (18.1-68.4)	3,340 (3,160-3,550)	66.1 (36.5-97.6)	620 (430-834)	48.9 (16.7-78.9)	7,100 (5,770-8,450)	107,000 (87,100-128,000)	5,560 (4,520-6,700)	923 (613-1,300)
Guinea	1,110 (774-1,550)	41.4 (28.1-57.4)	11,500 (8,080-15,800)	66.2 (50.6-85.8)	549 (372-791)	73.2 (55.8-96.1)	153 (86-248)	55.5 (33.2-82.5)	1,560 (1,080-2,140)	19,200 (13,600-26,300)	951 (645-1,330)	238 (135-382)
Guinea-Bissau	8 (5-11)	15.8 (6.4-25.7)	84 (59-115)	41.4 (30-52.8)	4 (3-6)	49.6 (35.9-63.3)	1 (1-2)	30.3 (14.9-47.7)	9 (6-12)	119 (83-165)	6 (4-9)	1 (1-2)
Liberia	143 (100-197)	2.4 (-6.3-12.2)	1,480 (1,060-2,000)	49.5 (36.7-64.2)	75 (52-106)	53.7 (39.6-70.1)	19 (11-30)	19.3 (3.7-36.4)	147 (103-202)	2,210 (1,570-3,030)	115 (80-161)	22 (13-36)
Mali	1,730 (1,360-2,100)	84.3 (68.8-103)	16,400 (12,800-19,800)	110 (93.1-131)	800 (624-1,000)	115 (95.6-138)	237 (151-353)	94.9 (72.1-123)	3,180 (2,480-3,840)	34,500 (26,500-41,800)	1,720 (1,320-2,120)	463 (293-685)
Mauritania	28 (20-36)	5.5 (-3.5-16.1)	339 (253-434)	45.8 (32.8-59.7)	15 (11-20)	55.8 (41.5-73)	3 (2-5)	16.5 (-0.3-33.9)	29 (22-38)	494 (373-644)	23 (17-31)	4 (2-6)
Niger	5,580 (4,380-6,920)	22.2 (6.6-39.2)	50,500 (39,900-61,900)	43.9 (24.9-63.3)	2,210 (1,710-2,830)	49.6 (29.3-71.7)	636 (404-956)	45.9 (22.2-73.6)	6,820 (5,100-8,780)	72,600 (55,200-93,100)	3,310 (2,420-4,340)	928 (568-1,420)
Nigeria	48,000 (34,100-65,800)	8.1 (4.3-12.1)	504,000 (365,000-671,000)	42.4 (37.8-47.5)	24,000 (16,600-33,700)	53.6 (48.3-59.9)	4,710 (2,730-7,650)	38 (30.9-45.6)	51,900 (37,000-71,500)	717,000 (524,000-958,000)	36,800 (25,700-51,900)	6,510 (3,770-10,700)
Sao Tome and Principe	4 (3-6)	-16.3 (-24--7.9)	58 (42-76)	19.3 (8.6-30.9)	3 (2-3)	31.5 (18.2-45.4)	0 (0-1)	-5.7 (-18.7-7.7)	4 (3-5)	70 (50-91)	3 (2-4)	0 (0-1)
Senegal	308 (235-377)	21.7 (12.3-31.4)	3,700 (2,880-4,560)	47.7 (35.4-59.2)	174 (130-216)	53.8 (41-66.7)	38 (25-57)	30.9 (16.7-48.6)	375 (284-465)	5,470 (4,200-6,760)	267 (199-335)	50 (33-73)
Sierra Leone	721 (564-891)	43.3 (30.2-56.3)	7,150 (5,510-8,790)	83 (66.8-99.6)	353 (271-442)	101 (81.3-121)	95 (60-141)	63.1 (43.9-86.3)	1,030 (804-1,270)	13,100 (10,200-16,200)	708 (551-872)	155 (98-234)
Togo	1,880 (1,510-2,370)	12.3 (2.9-22.2)	21,900 (17,300-27,500)	42 (30-54.9)	1,050 (820-1,330)	47.3 (34.7-60.8)	237 (154-349)	24 (8.1-42.3)	2,110 (1,670-2,690)	31,000 (24,400-39,000)	1,540 (1,200-1,960)	294 (188-448)

Table S12: Number of births, cases, total deaths, and under-5 deaths for Mild sickle cell/beta-thalassemia , 2000 - 2021

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Global	17,600 (12,600-24,900)	12.7 (10.7-15)	91,300 (68,400-122,000)	27.3 (24.7-30.2)	14,200 (10,000-20,400)	27.5 (24.8-30.5)	9,900 (6,670-14,800)	21.5 (18.4-24.9)	19,800 (14,300-28,200)	116,000 (87,300-154,000)	18,100 (12,900-25,900)	12,000 (8,150-17,900)
Central Europe, Eastern Europe, and Central Asia	36 (24-53)	-38.2 (-46.4--30)	243 (174-330)	-43.7 (-49.7--37.7)	43 (29-64)	-43.6 (-51--35.6)	24 (15-39)	-37.4 (-47.1--26.1)	22 (15-32)	137 (99-187)	24 (16-35)	15 (9-24)
Central Asia	0 (0-0)	20.4 (20.2-20.7)	1 (0-2)	18.8 (12.6-23.3)	0 (0-0)	20.2 (17.4-21.8)	0 (0-0)	25.4 (22.5-28.2)	0 (0-0)	1 (0-2)	0 (0-1)	0 (0-0)
Armenia	0 (0-0)	-20.4 (-19.3--19.3)	0 (0-0)	-21.3 (-29.2--12.6)	0 (0-0)	-19.5 (-22.3--15.7)	0 (0-0)	-10.4 (-16--5.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Azerbaijan	0 (0-0)	-3.1 (-3.1--3.1)	0 (0-0)	-1.1 (-8.6-6)	0 (0-0)	-0.9 (-2.5-0.3)	0 (0-0)	3.2 (0-7.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Georgia	0 (0-0)	-12.6 (-12.6--12.6)	0 (0-0)	-21.5 (-27.8--13.7)	0 (0-0)	-20.1 (-23.6--17)	0 (0-0)	-9.9 (-14.3--4.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Kazakhstan	0 (0-0)	46.1 (46.5-46.5)	0 (0-0)	43.1 (32.7-55.4)	0 (0-0)	45.4 (39.5-50.3)	0 (0-0)	59.6 (52.6-67.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Kyrgyzstan	0 (0-0)	43.4 (43.5-43.5)	0 (0-0)	41.3 (30-52)	0 (0-0)	42.7 (39.7-45.2)	0 (0-0)	50.5 (43.9-58.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Mongolia	0 (0-0)	36.9 (37.6-37.6)	0 (0-0)	42.2 (30.5-53.3)	0 (0-0)	45.1 (40.7-47.7)	0 (0-0)	54 (47.8-59.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tajikistan	0 (0-0)	37.9 (37.9-37.9)	0 (0-0)	35 (26.8-43.2)	0 (0-0)	35 (34-35.7)	0 (0-0)	37.8 (33.5-42.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Turkmenistan	0 (0-0)	9.8 (9.8-9.8)	0 (0-0)	9.1 (2.2-17.2)	0 (0-0)	9.9 (8.4-11)	0 (0-0)	13.7 (9.7-17.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Uzbekistan	0 (0-0)	13.2 (13.6-13.6)	0 (0-1)	21.1 (9.9-29.8)	0 (0-0)	20.9 (18.2-23.3)	0 (0-0)	27.7 (22.5-33.3)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Central Europe	35 (23-53)	-38.9 (-47--30.6)	240 (171-328)	-44.2 (-50.2--38.2)	43 (28-63)	-44.2 (-51.8--36.4)	24 (15-39)	-38.1 (-47.8--27.3)	22 (14-32)	134 (96-184)	24 (16-35)	15 (9-24)
Albania	0 (0-0)	-39.6 (-52.7--39)	1 (0-1)	-45.9 (-56.2--41.4)	0 (0-0)	-47.2 (-58.6--46)	0 (0-0)	-45.3 (-57.2--42.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Bosnia and Herzegovina	0 (0-0)	-41.3 (-98--39.9)	0 (0-0)	-44.1 (-97.8--37.7)	0 (0-0)	-43.9 (-98.1--42.1)	0 (0-0)	-43.7 (-98.2--39.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Bulgaria	0 (0-0)	-19.6 (-19.7--19.6)	0 (0-0)	-15.2 (-22.7--8.3)	0 (0-0)	-12.7 (-16--10.9)	0 (0-0)	-7 (-11--2.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Croatia	0 (0-0)	-24.2 (-56.3--20.2)	0 (0-0)	-30.1 (-62.3--19.6)	0 (0-0)	-30.3 (-60--25.4)	0 (0-0)	-33.1 (-59.1--26.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Czechia	0 (0-0)	16 (-74.4-101)	0 (0-0)	4.2 (-78.5-87.4)	0 (0-0)	6.6 (-76.8-85.7)	0 (0-0)	25.2 (-70.2-108)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Hungary	0 (0-0)	-23.2 (-55.8--19.3)	0 (0-0)	-24.2 (-61--12)	0 (0-0)	-22.7 (-55.8--17.3)	0 (0-0)	-15.8 (-48.7--7.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Montenegro	0 (0-0)	-24 (-23.8--23.8)	0 (0-0)	-23.3 (-29--16.9)	0 (0-0)	-23.6 (-23.8--22.8)	0 (0-0)	-23.6 (-27.5--18.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
North Macedonia	0 (0-0)	-12.8 (-12.9--12.8)	0 (0-0)	-16.7 (-23.6--9.9)	0 (0-0)	-16.7 (-18--15.5)	0 (0-0)	-13.3 (-16.9--9.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Poland	35 (23-53)	-39 (-47--30.6)	239 (170-327)	-44.8 (-50.7--38.8)	42 (28-63)	-44.9 (-52.3--37.1)	24 (14-38)	-39 (-48.6--28.1)	21 (14-31)	132 (95-181)	23 (15-34)	15 (9-23)
Romania	0 (0-0)	-27.6 (-27.7--27.6)	0 (0-0)	-25.5 (-31--19.1)	0 (0-0)	-24 (-25.8--23)	0 (0-0)	-20.6 (-23.6--17.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Serbia	0 (0-0)	-25.8 (-25.8--25.8)	0 (0-0)	-31.3 (-37.7--24.3)	0 (0-0)	-31.7 (-32.8--27.7)	0 (0-0)	-33 (-36.5--28.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Slovakia	0 (0-0)	4.4 (4.4-4.4)	0 (0-0)	-11 (-18.3--3.4)	0 (0-0)	-10.3 (-13.7--7.6)	0 (0-0)	-0.4 (-5.4-4.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Slovenia	0 (0-0)	3.3 (-28.2-110)	0 (0-0)	-1.2 (-31.4-77.7)	0 (0-0)	2 (-27.6-99.4)	0 (0-0)	9.1 (-23.2-125)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Eastern Europe	0 (0-1)	10 (2.3-12.2)	2 (1-4)	6.9 (-0.2-13.6)	0 (0-1)	9.1 (1.6-15.3)	0 (0-0)	25.6 (18.6-29)	0 (0-1)	2 (1-4)	0 (0-1)	0 (0-0)
Belarus	0 (0-0)	4.2 (4.2-4.2)	0 (0-0)	-2.6 (-11.3-7.4)	0 (0-0)	0.5 (-6.1-5.7)	0 (0-0)	18.1 (11.4-24.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Estonia	0 (0-0)	1.8 (1.8-1.8)	0 (0-0)	-6.2 (-14.7-2.3)	0 (0-0)	-5.3 (-10--1.5)	0 (0-0)	8.9 (2.7-15.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Latvia	0 (0-0)	-9.5 (-9.6--9.6)	0 (0-0)	-17.4 (-25--7.7)	0 (0-0)	-15.9 (-22--10.7)	0 (0-0)	6.6 (1.1-12.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Lithuania	0 (0-0)	-20.9 (-20.9--20.9)	0 (0-0)	-34.1 (-39.7--27.8)	0 (0-0)	-34.1 (-36.9--31.8)	0 (0-0)	-24.6 (-29.2--20.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Republic of Moldova	0 (0-0)	-34.7 (-34.3--34.3)	0 (0-0)	-37.5 (-43.3--32.2)	0 (0-0)	-37.1 (-38.7--35.4)	0 (0-0)	-32.8 (-36.3--29.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Russian Federation	0 (0-0)	19.8 (7.2-20.9)	1 (0-3)	18.1 (7.4-26.2)	0 (0-0)	20.3 (8.4-27.9)	0 (0-0)	39.7 (26.3-42.2)	0 (0-0)	1 (0-3)	0 (0-0)	0 (0-0)
Ukraine	0 (0-0)	-13.2 (-13.5--13.2)	0 (0-1)	-15.9 (-22.3--8.7)	0 (0-0)	-14.8 (-18.6--11.8)	0 (0-0)	-6.2 (-11--1.1)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
High-income	176 (148-211)	-14.9 (-16.4--13.3)	5,860 (4,990-6,890)	-0.5 (-2.4-1.4)	168 (140-202)	0 (-2.6-2.8)	32 (24-44)	-16.9 (-20--13.6)	150 (126-179)	5,830 (5,000-6,850)	168 (142-201)	27 (20-36)
Australasia	0 (0-0)	29 (27.9-88.7)	0 (0-0)	17.9 (10.4-70.8)	0 (0-0)	17.6 (16-81.5)	0 (0-0)	18.8 (13.9-84.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Australia	0 (0-0)	30.2 (30.2-30.2)	0 (0-0)	19.3 (11.1-27.3)	0 (0-0)	18.9 (18.2-19.5)	0 (0-0)	20.3 (15.8-25.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
New Zealand	0 (0-0)	23.3 (17.8-340)	0 (0-0)	11.2 (0-302)	0 (0-0)	11.8 (5.2-365)	0 (0-0)	11.4 (1.9-387)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
High-income Asia Pacific	0 (0-0)	-27.7 (-27.8--27.7)	1 (0-2)	-24.5 (-26.5--22.1)	0 (0-1)	-24.9 (-25.6--22.9)	0 (0-0)	-25.9 (-27--24.2)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Brunei Darussalam	0 (0-0)	-11.2 (-11.2--11.2)	0 (0-0)	-12.3 (-17.5--6.2)	0 (0-0)	-13 (-13.4--12)	0 (0-0)	-14.2 (-16.5--11.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Japan	0 (0-0)	-27.8 (-27.8--27.8)	1 (0-2)	-23 (-24.4--21.5)	0 (0-0)	-22.8 (-23.5--22.2)	0 (0-0)	-24.1 (-24.9--23.5)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Aichi	0 (0-0)	-22.2 (-22.2--22.2)	0 (0-0)	-15.7 (-21.8--8.9)	0 (0-0)	-15.7 (-16.8--14.7)	0 (0-0)	-18.2 (-21.7--15.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Akita	0 (0-0)	-48.8 (-48.8--48.8)	0 (0-0)	-48.2 (-52.2--43.9)	0 (0-0)	-48 (-48.4--47.6)	0 (0-0)	-48.2 (-50.1--46)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Aomori	0 (0-0)	-44.6 (-44.6--44.6)	0 (0-0)	-43.4 (-47.3--38.5)	0 (0-0)	-43.6 (-43.9--43.2)	0 (0-0)	-43.8 (-46--41.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Chiba	0 (0-0)	-28 (-28--28)	0 (0-0)	-22 (-28--15.3)	0 (0-0)	-22 (-23--20.9)	0 (0-0)	-24.2 (-27.1--20.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Ehime	0 (0-0)	-38.1 (-38.1--38.1)	0 (0-0)	-33.3 (-38.7--27.8)	0 (0-0)	-33.1 (-34--32.4)	0 (0-0)	-35 (-37.5--32.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Fukui	0 (0-0)	-33.9 (-33.9--33.9)	0 (0-0)	-31.6 (-37--25.8)	0 (0-0)	-31.8 (-32.6--30.9)	0 (0-0)	-34 (-36.6--31.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Fukuoka	0 (0-0)	-18.1 (-18.1--18.1)	0 (0-0)	-14.1 (-21.2--7)	0 (0-0)	-12.9 (-14.4--11.9)	0 (0-0)	-13.1 (-16.7--9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Fukushima	0 (0-0)	-44.2 (-44.1--44.1)	0 (0-0)	-43.9 (-47.7--39.6)	0 (0-0)	-43.4 (-43.8--43.1)	0 (0-0)	-42.2 (-44.3--40)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Gifu	0 (0-0)	-36.8 (-36.8--36.8)	0 (0-0)	-30.4 (-36.5--24.2)	0 (0-0)	-30.7 (-31.7--29.5)	0 (0-0)	-33.3 (-36.1--30)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Gunma	0 (0-0)	-38.7 (-38.7--38.7)	0 (0-0)	-32.8 (-38.9--27.2)	0 (0-0)	-33 (-34--31.9)	0 (0-0)	-35.7 (-38.3--32.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Hiroshima	0 (0-0)	-28.5 (-28.5--28.5)	0 (0-0)	-21.5 (-28.1--14.8)	0 (0-0)	-21.3 (-22.4--20.3)	0 (0-0)	-23.8 (-26.8--20.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Hokkaidō	0 (0-0)	-37.9 (-37.9--37.9)	0 (0-0)	-33.4 (-39--27.6)	0 (0-0)	-33 (-33.9--32.3)	0 (0-0)	-33.9 (-36.3--31.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Hyōgo	0 (0-0)	-29.5 (-29.5--29.5)	0 (0-0)	-25.3 (-31--18.7)	0 (0-0)	-25.6 (-26.4--24.7)	0 (0-0)	-27.4 (-30.4--24.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Ibaraki	0 (0-0)	-37 (-37--37)	0 (0-0)	-32.3 (-37.3--26.3)	0 (0-0)	-32.2 (-32.9--31.4)	0 (0-0)	-33.7 (-36.6--31)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Ishikawa	0 (0-0)	-31.3 (-31.3--31.3)	0 (0-0)	-26.8 (-32.7--20.1)	0 (0-0)	-27.1 (-27.9--26.2)	0 (0-0)	-29 (-32.3--25.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Iwate	0 (0-0)	-43 (-43.1--43.1)	0 (0-0)	-38.5 (-44.1--33.1)	0 (0-0)	-38.6 (-39.2--38)	0 (0-0)	-39.5 (-42.2--37)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Kagawa	0 (0-0)	-35.3 (-35.3--35.3)	0 (0-0)	-29.4 (-35.4--23.4)	0 (0-0)	-29.9 (-30.8--28.9)	0 (0-0)	-32.6 (-35.5--29.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Kagoshima	0 (0-0)	-28.8 (-28.8--28.8)	0 (0-0)	-27.7 (-33.5--22.2)	0 (0-0)	-26.5 (-27.4--25.8)	0 (0-0)	-25.9 (-28.7--22.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Kanagawa	0 (0-0)	-26.7 (-26.8--26.8)	0 (0-0)	-16.8 (-24.6--9)	0 (0-0)	-16.8 (-18.2--15.3)	0 (0-0)	-19.7 (-23.8--15.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Kōchi	0 (0-0)	-39.6 (-39.7--39.7)	0 (0-0)	-36 (-40.9--30.9)	0 (0-0)	-35.9 (-36.5--35.4)	0 (0-0)	-36.8 (-39.2--34.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Kumamoto	0 (0-0)	-25.2 (-25.2--25.2)	0 (0-0)	-21.4 (-27.5--15.7)	0 (0-0)	-20 (-21.3--19.2)	0 (0-0)	-20.1 (-22.9--16.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Kyōto	0 (0-0)	-26.1 (-26.1--26.1)	0 (0-0)	-22.9 (-30--16.2)	0 (0-0)	-22.9 (-23.8--22)	0 (0-0)	-24.1 (-27.3--20.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Mie	0 (0-0)	-35.7 (-35.9--35.9)	0 (0-0)	-29.6 (-35.6--23.8)	0 (0-0)	-30 (-31.2--29.1)	0 (0-0)	-32.7 (-35.6--29.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Miyagi	0 (0-0)	-32.2 (-32.2--32.2)	0 (0-0)	-27.5 (-33.4--21.1)	0 (0-0)	-26.6 (-27.6--25.8)	0 (0-0)	-27.2 (-30.2--24)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Miyazaki	0 (0-0)	-34.5 (-34.5--34.5)	0 (0-0)	-29.3 (-34.9--23.6)	0 (0-0)	-29.1 (-29.9--28.3)	0 (0-0)	-30.9 (-33.6--28.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Nagano	0 (0-0)	-39.6 (-39.6--39.6)	0 (0-0)	-33.7 (-39--28.3)	0 (0-0)	-33.8 (-34.7--32.9)	0 (0-0)	-36.2 (-38.6--33.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Nagasaki	0 (0-0)	-34.2 (-34.2--34.2)	0 (0-0)	-33.4 (-38.8--27.8)	0 (0-0)	-33.2 (-33.7--32.8)	0 (0-0)	-33.2 (-35.9--30.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Nara	0 (0-0)	-38.9 (-38.9--38.9)	0 (0-0)	-32.7 (-38.7--26.9)	0 (0-0)	-32.8 (-33.8--31.8)	0 (0-0)	-35 (-37.9--32.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Niigata	0 (0-0)	-37.8 (-37.8--37.8)	0 (0-0)	-34.2 (-39.4--28.3)	0 (0-0)	-34.2 (-34.8--33.6)	0 (0-0)	-35.8 (-38.4--33.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Ōita	0 (0-0)	-30.1 (-30.1--30.1)	0 (0-0)	-27.5 (-33.5--20.9)	0 (0-0)	-26.6 (-27.3--26)	0 (0-0)	-26.9 (-30.5--23.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Okayama	0 (0-0)	-27.5 (-27.6--27.6)	0 (0-0)	-23.2 (-29.2--16.6)	0 (0-0)	-22.9 (-23.7--22.4)	0 (0-0)	-24.3 (-27.5--21.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Okinawa	0 (0-0)	-10.9 (-10.9--10.9)	0 (0-0)	-6.8 (-12.9-1)	0 (0-0)	-5.3 (-6.4--4.5)	0 (0-0)	-4.9 (-8.7--1.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Ōsaka	0 (0-0)	-30.2 (-30.2--30.2)	0 (0-0)	-24.2 (-30.8--16.7)	0 (0-0)	-24.6 (-25.6--23.4)	0 (0-0)	-27.1 (-30.4--24)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Saga	0 (0-0)	-31.9 (-31.9--31.9)	0 (0-0)	-27.6 (-33.3--21.9)	0 (0-0)	-27.2 (-27.9--26.5)	0 (0-0)	-28.9 (-31.8--26.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Saitama	0 (0-0)	-27.9 (-27.9--27.9)	0 (0-0)	-21.9 (-27.9--15.1)	0 (0-0)	-21.7 (-22.5--20.8)	0 (0-0)	-23.3 (-26.5--20.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Shiga	0 (0-0)	-26.2 (-26.2--26.2)	0 (0-0)	-19.1 (-25.6--11.9)	0 (0-0)	-19 (-20.1--17.8)	0 (0-0)	-21.9 (-25.4--18.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Shimane	0 (0-0)	-30.6 (-30.6--30.6)	0 (0-0)	-28 (-33--21.7)	0 (0-0)	-27.5 (-28.1--26.9)	0 (0-0)	-27.2 (-30.4--24.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Shizuoka	0 (0-0)	-34 (-34--34)	0 (0-0)	-28.3 (-33.6--22.2)	0 (0-0)	-28.2 (-29.1--27.2)	0 (0-0)	-30.6 (-33.4--27.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tochigi	0 (0-0)	-33.7 (-33.7--33.7)	0 (0-0)	-27.7 (-33.3--22)	0 (0-0)	-27.3 (-28.1--26.6)	0 (0-0)	-28.2 (-31--25.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tokushima	0 (0-0)	-35.6 (-35.5--35.5)	0 (0-0)	-33.7 (-38.9--28.5)	0 (0-0)	-32.7 (-33.2--32.1)	0 (0-0)	-32.5 (-35--29.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tōkyō	0 (0-0)	7.4 (7.4-7.4)	0 (0-0)	7.3 (-2-17.3)	0 (0-0)	10.4 (7.3-12.4)	0 (0-0)	13.8 (8.8-18.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tottori	0 (0-0)	-30.8 (-30.8--30.8)	0 (0-0)	-26.8 (-31.8--20.6)	0 (0-0)	-26.4 (-27.2--25.7)	0 (0-0)	-26.9 (-30--24.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Toyama	0 (0-0)	-38.5 (-38.5--38.5)	0 (0-0)	-30.9 (-36.3--25.3)	0 (0-0)	-30.7 (-31.6--29.8)	0 (0-0)	-32.6 (-35.5--29.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Wakayama	0 (0-0)	-40.5 (-40.5--40.5)	0 (0-0)	-35.9 (-40.5--30.5)	0 (0-0)	-36.1 (-36.9--35.4)	0 (0-0)	-38.3 (-41.1--35.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Yamagata	0 (0-0)	-40.6 (-40.6--40.6)	0 (0-0)	-37.2 (-41.8--31.3)	0 (0-0)	-37.3 (-37.9--36.8)	0 (0-0)	-38.4 (-40.8--36.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Yamaguchi	0 (0-0)	-36.8 (-36.8--36.8)	0 (0-0)	-31.7 (-37.7--25.6)	0 (0-0)	-31.5 (-32.3--30.7)	0 (0-0)	-33.2 (-36.2--30.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Yamanashi	0 (0-0)	-40 (-40--40)	0 (0-0)	-37.1 (-42.7--31.8)	0 (0-0)	-37.9 (-38.8--36.7)	0 (0-0)	-40.4 (-42.9--37.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Republic of Korea	0 (0-0)	-29.9 (-29.9--29.9)	0 (0-1)	-32.3 (-36.9--26.9)	0 (0-0)	-32.9 (-33.3--32.4)	0 (0-0)	-33.1 (-35.4--31.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Singapore	0 (0-0)	-7.3 (-7.3--7.3)	0 (0-0)	8.6 (-0.2-17.2)	0 (0-0)	12.7 (9.8-14.3)	0 (0-0)	20 (15-25.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
High-income North America	143 (121-167)	-14.1 (-16--12.3)	5,360 (4,590-6,320)	-0.1 (-2.2-2)	131 (110-155)	1.9 (-1.2-5.4)	16 (11-22)	-22.5 (-25.7--19.7)	123 (104-144)	5,360 (4,610-6,290)	134 (113-158)	12 (9-17)
Canada	0 (0-0)	-27.9 (-58.9-11.5)	2 (1-3)	-32.2 (-61.4-7.6)	0 (0-0)	-30.3 (-61.2-9.9)	0 (0-0)	-30 (-63-10.8)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Greenland	0 (0-0)	-16.7 (-16.8--16.8)	0 (0-0)	-16.7 (-22.7--11)	0 (0-0)	-17.4 (-19.8--14.6)	0 (0-0)	-18.3 (-24.1--11.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
United States of America	142 (120-166)	-16.7 (-18.5--15)	5,350 (4,580-6,300)	1.2 (-1-3.2)	131 (110-155)	3.2 (0.1-6.7)	16 (11-22)	-21.4 (-24.6--18.5)	118 (100-139)	5,410 (4,660-6,350)	135 (114-159)	13 (9-18)
Alabama	5 (4-5)	-13.8 (-20.4--7)	163 (137-193)	-0.8 (-8.1-7)	4 (4-5)	-1.1 (-8.6-7.1)	1 (0-1)	-19.7 (-27.9--8)	4 (3-5)	162 (134-192)	4 (4-5)	0 (0-1)
Alaska	0 (0-0)	-23.9 (-33.9--12.7)	7 (5-10)	-2.4 (-15-11.5)	0 (0-0)	-7.2 (-18.6-7.6)	0 (0-0)	-27.8 (-39.6--14)	0 (0-0)	7 (5-9)	0 (0-0)	0 (0-0)
Arizona	2 (2-3)	-7.9 (-15.1--0.3)	73 (58-93)	31.3 (21-42.6)	2 (1-2)	36.4 (24.5-49.4)	0 (0-0)	-5.8 (-17.9-6)	2 (2-3)	96 (77-121)	2 (2-3)	0 (0-0)
Arkansas	2 (1-2)	-8.6 (-16.8-0.7)	57 (46-72)	7.9 (-0.8-18.7)	2 (1-2)	7 (-2.8-19.4)	0 (0-0)	-12 (-24.3-3.5)	1 (1-2)	62 (50-79)	2 (1-2)	0 (0-0)
California	11 (9-13)	-26.4 (-32.8--20.2)	408 (347-489)	-1.9 (-10.2-5.5)	9 (8-11)	5.7 (-3.9-15.4)	1 (1-2)	-28.4 (-38.6--18)	8 (7-10)	401 (334-489)	10 (8-12)	1 (1-1)
Colorado	1 (1-2)	-22.7 (-38.6--10.8)	42 (30-58)	-6 (-25.1-8.1)	1 (1-1)	-3.2 (-24.3-13.6)	0 (0-0)	-29.6 (-45.3--16.9)	1 (1-1)	40 (27-58)	1 (1-1)	0 (0-0)
Connecticut	2 (1-2)	-38.2 (-44.2--32.3)	68 (53-85)	-20.4 (-27.8--13.2)	2 (1-2)	-17.8 (-26.1--9.5)	0 (0-0)	-40 (-48--31.6)	1 (1-1)	54 (42-70)	1 (1-2)	0 (0-0)
Delaware	1 (1-1)	-9 (-16.5--2.1)	44 (35-55)	8.1 (-0.5-16.2)	1 (1-1)	9.8 (-0.1-19.1)	0 (0-0)	-15.6 (-26.4--5.3)	1 (1-1)	48 (39-59)	1 (1-2)	0 (0-0)
District of Columbia	1 (1-2)	26.7 (10.3-43.6)	39 (31-48)	20.4 (5.5-35.5)	1 (1-1)	23.6 (7.6-41.3)	0 (0-0)	11.6 (-11.4-37.2)	2 (1-2)	47 (36-60)	1 (1-2)	0 (0-0)
Florida	16 (14-18)	-7 (-13.8--0.1)	605 (533-681)	17 (8.9-25.2)	15 (13-18)	18.8 (9.3-28.3)	2 (1-3)	-11.3 (-22.4-3.3)	15 (13-16)	708 (631-786)	18 (16-20)	2 (1-2)
Georgia	7 (6-8)	-12.5 (-19.1--5.8)	231 (198-270)	13.8 (4.9-21.7)	6 (5-7)	16.4 (6.9-26.5)	1 (1-1)	-14.7 (-24.9--2.5)	6 (5-7)	263 (230-302)	7 (6-8)	1 (0-1)
Hawaii	0 (0-0)	-16 (-14.2--14.2)	0 (0-1)	6.6 (5-10.9)	0 (0-0)	9.3 (6.6-16.3)	0 (0-0)	-13.2 (-19.5--1.8)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Idaho	0 (0-0)	10.3 (-9.9-59)	4 (2-7)	31 (7.2-96.9)	0 (0-0)	26.1 (3.2-85.5)	0 (0-0)	-2.7 (-24.9-45.5)	0 (0-0)	5 (3-9)	0 (0-0)	0 (0-0)
Illinois	5 (4-6)	-51.4 (-55.9--46.4)	181 (150-221)	-32.4 (-38.8--26.2)	4 (4-5)	-31 (-37.7--23.7)	1 (0-1)	-51 (-57.9--43.5)	2 (2-3)	122 (99-152)	3 (2-4)	0 (0-0)
Indiana	2 (2-3)	-20.2 (-27.5--13.7)	88 (72-108)	-7.4 (-15.7-0.2)	2 (2-3)	-7.5 (-16.2-0.5)	0 (0-0)	-25.6 (-34.8--14.8)	2 (1-2)	81 (65-102)	2 (2-3)	0 (0-0)
Iowa	1 (1-1)	-19.4 (-28.1--10.5)	39 (28-54)	-13.5 (-22.8--3.8)	1 (1-1)	-14.7 (-24.5--5)	0 (0-0)	-25.7 (-36.2--13.8)	1 (1-1)	34 (23-48)	1 (1-1)	0 (0-0)
Kansas	1 (1-2)	-63.3 (-70.8--56)	42 (28-64)	-54.2 (-63.2--45.3)	1 (1-2)	-55.7 (-64.7--46.2)	0 (0-0)	-65.3 (-73.1--56.9)	0 (0-1)	19 (13-30)	0 (0-1)	0 (0-0)
Kentucky	0 (0-1)	-6.4 (-22.2-29.2)	13 (9-19)	4.9 (-12.1-48.7)	0 (0-1)	4.6 (-12.6-46.3)	0 (0-0)	-11.8 (-29.6-16.2)	0 (0-0)	14 (10-19)	0 (0-1)	0 (0-0)
Louisiana	4 (3-5)	-28.2 (-33.8--23)	126 (105-151)	-17.6 (-23--11.4)	3 (3-4)	-19.2 (-25.8--12.5)	1 (0-1)	-36.6 (-44.9--26.3)	3 (2-3)	104 (87-124)	3 (2-3)	0 (0-0)
Maine	0 (0-0)	-24.1 (-83.4--16.8)	0 (0-1)	-16.5 (-80.2--6.4)	0 (0-0)	-11.2 (-80.1-3)	0 (0-0)	-30.4 (-86.4--16.1)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Maryland	6 (5-7)	-14.5 (-21.4--7.3)	229 (196-263)	1.5 (-5.8-9.1)	6 (5-6)	4.1 (-4.5-13.5)	1 (0-1)	-17.3 (-27.9--6.1)	5 (4-6)	233 (199-272)	6 (5-7)	1 (0-1)
Massachusetts	2 (2-3)	-4.2 (-11.7-3.2)	103 (82-130)	10.3 (2.4-19.1)	2 (2-3)	17.4 (7.8-28.2)	0 (0-0)	-7.8 (-17.5-3.6)	2 (2-3)	114 (92-146)	3 (2-4)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Michigan	5 (4-6)	-28.5 (-33.9--22)	200 (169-235)	-19.5 (-25.1--13.2)	5 (4-6)	-17.2 (-24.4--8.4)	1 (0-1)	-37.3 (-44.4--28.4)	4 (3-4)	161 (135-191)	4 (3-5)	0 (0-1)
Minnesota	1 (0-1)	-2.8 (-26.4-34.1)	24 (16-38)	8.4 (-17.8-50.9)	1 (0-1)	15 (-14.2-55.5)	0 (0-0)	-2.8 (-28.6-33.8)	1 (0-1)	27 (18-40)	1 (0-1)	0 (0-0)
Mississippi	4 (3-5)	-40 (-45.8--33.8)	124 (102-150)	-25.6 (-32.8--17.6)	3 (3-4)	-27.6 (-35.3--18.6)	1 (0-1)	-46.1 (-53.5--35.9)	2 (2-3)	92 (74-115)	3 (2-3)	0 (0-0)
Missouri	2 (2-3)	-22.7 (-30.8--13.5)	84 (68-105)	-8.9 (-17.9-0.1)	2 (2-3)	-9.3 (-18.9-0.9)	0 (0-0)	-27.7 (-37.5--15.7)	2 (1-2)	76 (59-98)	2 (2-3)	0 (0-0)
Montana	0 (0-0)	-9.3 (-83.9-1.6)	0 (0-1)	-2.6 (-81.8-12)	0 (0-0)	-3.4 (-83.1-13.3)	0 (0-0)	-17.6 (-86.9-0.4)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Nebraska	0 (0-0)	2.3 (-24.7-48.7)	9 (5-16)	11.9 (-17.4-63.7)	0 (0-0)	13 (-17.1-63.5)	0 (0-0)	1.7 (-28.4-42.7)	0 (0-0)	11 (6-17)	0 (0-0)	0 (0-0)
Nevada	2 (1-2)	3.2 (-3.9-11.9)	54 (43-67)	45.8 (34.8-57.6)	1 (1-2)	49.4 (38.5-61.8)	0 (0-0)	12.9 (0.4-28.5)	2 (1-2)	78 (64-98)	2 (2-2)	0 (0-0)
New Hampshire	0 (0-0)	-21.4 (-53--18.1)	2 (1-4)	-9.4 (-46.8--2.1)	0 (0-0)	-5.1 (-43.8-5.9)	0 (0-0)	-34.2 (-60.8--21.3)	0 (0-0)	2 (1-4)	0 (0-0)	0 (0-0)
New Jersey	5 (4-6)	-17.1 (-23.4--10.2)	198 (167-236)	-1.5 (-8.5-6)	5 (4-6)	2.1 (-5.7-11.1)	1 (0-1)	-20.1 (-29.7--10.3)	4 (4-5)	195 (165-233)	5 (4-6)	0 (0-1)
New Mexico	0 (0-0)	-16.9 (-23.8-134)	2 (1-5)	14.1 (1.4-204)	0 (0-0)	11.8 (-0.5-212)	0 (0-0)	-20.2 (-35.9-127)	0 (0-0)	3 (1-5)	0 (0-0)	0 (0-0)
New York	13 (11-14)	-13.3 (-18.4--7.4)	547 (490-605)	0.5 (-5.4-6.6)	12 (10-14)	7.3 (0.1-15.9)	1 (1-2)	-15.1 (-25.2--4.5)	11 (10-12)	549 (495-607)	13 (11-14)	1 (1-1)
North Carolina	6 (5-7)	-11.7 (-17.7--4.9)	222 (192-255)	10.2 (3.3-18)	5 (5-6)	12 (3.9-21.8)	1 (0-1)	-13.9 (-23.7--1)	5 (5-6)	245 (211-281)	6 (5-7)	1 (0-1)
North Dakota	0 (0-0)	12.9 (-82.2-36.8)	0 (0-1)	-1.1 (-83.4-22.2)	0 (0-0)	-3.3 (-85.1-22)	0 (0-0)	-4.7 (-84.6-28)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Ohio	3 (3-4)	-8.7 (-14.7--0.8)	123 (102-151)	0.8 (-6.2-9.7)	3 (2-4)	3.5 (-4-11.9)	0 (0-0)	-15.5 (-25.6--3.5)	3 (2-4)	124 (103-152)	3 (3-4)	0 (0-0)
Oklahoma	1 (1-2)	-62.1 (-76.7--51.2)	45 (29-68)	-55.8 (-72.8--42.5)	1 (1-2)	-57.2 (-73.7--44.5)	0 (0-0)	-64.4 (-78.7--52.8)	0 (0-1)	20 (12-34)	1 (0-1)	0 (0-0)
Oregon	0 (0-0)	4.2 (-14.8-168)	5 (2-9)	27.9 (2.1-226)	0 (0-0)	27.7 (3.4-232)	0 (0-0)	-9.8 (-32.6-143)	0 (0-0)	6 (3-10)	0 (0-0)	0 (0-0)
Pennsylvania	4 (3-5)	-13.3 (-20.4--6.3)	177 (148-216)	-4.7 (-12.1-3.6)	5 (4-6)	-3.9 (-12.2-5.4)	0 (0-1)	-19.9 (-30.4--7.2)	4 (3-4)	169 (137-208)	4 (4-5)	0 (0-1)
Rhode Island	0 (0-0)	-23.4 (-33.9--13.6)	16 (13-21)	-14.6 (-25.9--3.9)	0 (0-0)	-7.1 (-19.3-6.2)	0 (0-0)	-27 (-40--12.7)	0 (0-0)	14 (11-18)	0 (0-0)	0 (0-0)
South Carolina	4 (3-5)	-23.3 (-29.3--16.3)	141 (119-163)	-8.5 (-15.4--1.3)	4 (3-4)	-10.9 (-17.7--2.5)	1 (0-1)	-32.2 (-41.7--21.4)	3 (3-3)	129 (111-148)	3 (3-4)	0 (0-0)
South Dakota	0 (0-0)	-16.6 (-86.3-5)	0 (0-1)	-11.1 (-84.9-13.9)	0 (0-0)	-12.2 (-86.2-15)	0 (0-0)	-22.6 (-88.3-8.1)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Tennessee	4 (4-5)	-15.2 (-22.2--8.6)	158 (133-189)	-3.1 (-10.5-4.1)	4 (4-5)	-5.7 (-13.4-2.2)	1 (0-1)	-28 (-38.1--16.7)	4 (3-4)	153 (128-181)	4 (3-5)	0 (0-1)
Texas	9 (8-11)	5.6 (-1.4-12.2)	323 (277-375)	34.5 (25.6-42.6)	7 (6-8)	40.1 (30.1-50.1)	1 (1-1)	5.7 (-6.7-20.4)	10 (8-12)	435 (377-503)	10 (8-12)	1 (1-1)
Utah	0 (0-0)	-18.6 (-69.8--1)	2 (0-4)	15 (-56.3-42.4)	0 (0-0)	18.6 (-56-48.4)	0 (0-0)	-19.9 (-73-6.7)	0 (0-0)	2 (1-5)	0 (0-0)	0 (0-0)
Vermont	0 (0-0)	-23.9 (-78.7--17.2)	0 (0-1)	-16.4 (-74.6--7.3)	0 (0-0)	-11.5 (-74.8-1.9)	0 (0-0)	-28.6 (-82.5--15.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Virginia	4 (4-5)	-12.8 (-20.2--5.5)	175 (146-211)	4.4 (-4.4-13.6)	4 (4-5)	5.9 (-3-15.7)	0 (0-1)	-15.8 (-26.7--4.8)	4 (3-5)	183 (150-224)	5 (4-6)	0 (0-1)
Washington	2 (2-3)	-18.6 (-27.7--7.7)	85 (66-110)	-8.7 (-18.7-2.9)	2 (2-3)	-6.5 (-17.7-7.1)	0 (0-0)	-28.9 (-40.2--16.9)	2 (1-2)	78 (56-105)	2 (1-3)	0 (0-0)
West Virginia	0 (0-0)	-15.4 (-30-139)	2 (1-5)	-6.3 (-21.8-171)	0 (0-0)	-4.1 (-21.6-177)	0 (0-0)	-10.4 (-29.3-146)	0 (0-0)	2 (1-4)	0 (0-0)	0 (0-0)
Wisconsin	2 (1-2)	-39.1 (-48.9--27.2)	68 (53-88)	-30.1 (-41.2--16.6)	2 (1-2)	-28.9 (-40.3--14.8)	0 (0-0)	-43.4 (-53.3--31.9)	1 (1-1)	47 (34-65)	1 (1-2)	0 (0-0)
Wyoming	0 (0-0)	-10.5 (-8.7--8.7)	0 (0-0)	5.3 (2.8-10.4)	0 (0-0)	3.8 (0.3-10.3)	0 (0-0)	-6 (-16.1-4.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Southern Latin America	0 (0-0)	17.3 (-4.9-71.6)	1 (0-1)	23.5 (-4.9-88.4)	0 (0-0)	19.8 (-3.6-76.1)	0 (0-0)	17.1 (-5.6-71.6)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Argentina	0 (0-0)	-1.6 (-1.9--1.7)	1 (0-1)	-0.2 (-7.8-7.5)	0 (0-0)	-0.4 (-1-0.1)	0 (0-0)	-1.9 (-5.6-1.7)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Chile	0 (0-0)	86.1 (-11.5-429)	0 (0-0)	99.3 (-8.6-448)	0 (0-0)	91.8 (-8.9-445)	0 (0-0)	89.5 (-12.1-453)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Uruguay	0 (0-0)	-13.9 (-14--13.7)	0 (0-0)	-15.1 (-21.7--7.8)	0 (0-0)	-15.3 (-15.6--14.8)	0 (0-0)	-15.6 (-19.1--11.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Western Europe	33 (26-44)	-18.5 (-22.2--14.7)	490 (383-625)	-3 (-6.5-0.7)	36 (29-48)	-6.2 (-10.5--2.2)	16 (12-23)	-11.5 (-17.3--5.8)	27 (21-36)	476 (374-605)	34 (27-45)	14 (10-20)
Andorra	0 (0-0)	-16.8 (-16.9--16.8)	0 (0-0)	-15.5 (-23.3--7)	0 (0-0)	-18.3 (-21.2--14.4)	0 (0-0)	-28.2 (-30.6--25.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Austria	0 (0-1)	32.5 (10.4-94.2)	2 (2-3)	15.6 (-5.3-61.2)	0 (0-1)	16.8 (-2.7-71)	0 (0-0)	28.6 (0.1-98.3)	0 (0-1)	3 (2-4)	0 (0-1)	0 (0-0)
Belgium	0 (0-0)	4.8 (-12.8-37.6)	0 (0-0)	6.8 (-11.7-41.5)	0 (0-0)	6.8 (-11.2-40.1)	0 (0-0)	6.2 (-11.2-39.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Cyprus	0 (0-0)	39.9 (39.8-40)	0 (0-0)	23.2 (14.1-32.5)	0 (0-0)	23.6 (20.4-25.7)	0 (0-0)	32.5 (27.3-37.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Denmark	0 (0-0)	-5.2 (-52.6--2)	0 (0-0)	-8.6 (-53.1-2.3)	0 (0-0)	-10.2 (-54.6--5.3)	0 (0-0)	-11.4 (-53.8--3.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Finland	0 (0-0)	-15.9 (-16--15.9)	0 (0-0)	-12.8 (-19.7--5.5)	0 (0-0)	-12.5 (-13.6--11.3)	0 (0-0)	-15.2 (-19--11)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
France	4 (3-5)	-10.1 (-13.3-6)	12 (9-16)	-3.2 (-11-8.9)	4 (3-5)	-2.7 (-6.2-14.8)	3 (2-4)	-4.8 (-9.6-13.6)	3 (2-5)	12 (9-16)	3 (3-5)	3 (2-4)
Germany	0 (0-1)	-1.3 (-26.8--0.2)	2 (1-3)	-3 (-29.8-6.3)	0 (0-1)	-1.3 (-26.7-0.9)	0 (0-0)	2.6 (-23.8-8.7)	0 (0-1)	2 (1-3)	0 (0-1)	0 (0-0)
Greece	7 (5-9)	-13.9 (-24.4--2.6)	71 (56-90)	-12.7 (-22--3.4)	7 (6-10)	-11.6 (-22.3--0.1)	4 (3-6)	-10.7 (-25-5.2)	6 (4-8)	62 (48-78)	7 (5-9)	4 (2-5)
Iceland	0 (0-0)	2.3 (2.2-2.3)	0 (0-0)	-1.4 (-8.8-6.9)	0 (0-0)	-1.4 (-2.5-0.2)	0 (0-0)	-3.8 (-8.6-1.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Ireland	0 (0-0)	-4.2 (-43.6-3.2)	0 (0-0)	4.3 (-40-22.4)	0 (0-0)	5.4 (-37.8-15.2)	0 (0-0)	2.2 (-39.1-14.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Israel	0 (0-0)	46.3 (46.3-46.4)	0 (0-0)	47.8 (37.4-57.3)	0 (0-0)	48.6 (47.6-49.4)	0 (0-0)	50 (44.8-56)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Italy	19 (14-26)	-24.5 (-28--20.7)	383 (293-500)	-1.5 (-5.3-2.9)	22 (16-29)	-6.6 (-10.9--1.7)	7 (5-11)	-19.5 (-25.1--13.6)	15 (11-20)	377 (293-488)	20 (15-28)	6 (4-9)
Abruzzo	0 (0-0)	-36.8 (-79.2--19.8)	1 (0-1)	-24.7 (-75.2-4.3)	0 (0-0)	-27.7 (-76.1--5.9)	0 (0-0)	-35.2 (-79--9.8)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Basilicata	0 (0-0)	-43.5 (-80.4--3)	0 (0-1)	-33.2 (-75.6-15.8)	0 (0-0)	-35.5 (-77.4-9.1)	0 (0-0)	-45.1 (-81.9--4.7)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Calabria	0 (0-1)	-31.5 (-38.6--22.2)	9 (5-15)	-21.9 (-30.3--10.4)	1 (0-1)	-25.1 (-33.3--14.8)	0 (0-0)	-32.3 (-41.1--20.6)	0 (0-0)	7 (4-12)	0 (0-1)	0 (0-0)
Campania	2 (1-2)	-9.7 (-21.1-6.7)	31 (20-44)	18.5 (3.8-37.5)	2 (1-3)	10.9 (-3.2-31.8)	1 (0-1)	-8.6 (-24.4-15.6)	1 (1-2)	37 (26-50)	2 (1-3)	1 (0-1)
Emilia-Romagna	2 (1-2)	-14.6 (-23.1--5.7)	28 (21-36)	22.6 (10.9-34.7)	2 (1-2)	13.8 (3.2-25.4)	1 (0-1)	1.6 (-13.3-17.9)	2 (1-2)	34 (26-45)	2 (2-3)	1 (0-1)
Friuli-Venezia Giulia	0 (0-1)	-28.7 (-37.1--18.3)	7 (5-11)	-5.6 (-15.5-7.6)	0 (0-1)	-11.2 (-21.4-1.5)	0 (0-0)	-19.7 (-32.5--3.5)	0 (0-0)	7 (4-10)	0 (0-1)	0 (0-0)
Lazio	1 (1-2)	-27.1 (-36.4--18)	21 (14-31)	-8.6 (-20.4-1.9)	1 (1-2)	-12.4 (-24.2--1.9)	0 (0-1)	-19.2 (-32--4.7)	1 (1-1)	20 (13-28)	1 (1-2)	0 (0-1)
Liguria	1 (1-1)	-12.5 (-22.4--0.5)	20 (15-25)	7.8 (-1.9-19)	1 (1-2)	5.4 (-5.9-18.4)	0 (0-1)	-1.3 (-17.7-20)	1 (1-1)	21 (16-27)	1 (1-2)	0 (0-1)
Lombardia	1 (1-2)	0.4 (-11.4-28.3)	24 (16-36)	32.6 (17.2-62.8)	1 (1-2)	23.3 (8.8-57)	0 (0-1)	11.4 (-6.4-49.5)	1 (1-2)	32 (22-46)	2 (1-3)	0 (0-1)
Marche	0 (0-1)	-33.8 (-41.7--27.3)	8 (5-12)	-10.8 (-20.7--0.2)	0 (0-1)	-15.8 (-25--6.7)	0 (0-0)	-26.3 (-37.3--15.9)	0 (0-0)	7 (4-11)	0 (0-1)	0 (0-0)
Molise	0 (0-0)	-40.3 (-93.2--31.5)	0 (0-0)	-27.8 (-91.7--9.7)	0 (0-0)	-32.5 (-92.3--20)	0 (0-0)	-40.7 (-93.1--26.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Piemonte	0 (0-1)	2.8 (-12.7-34.7)	9 (6-14)	29.9 (10.9-65)	1 (0-1)	24.1 (5.1-61.9)	0 (0-0)	13.8 (-7.8-54.9)	0 (0-1)	11 (8-17)	1 (0-1)	0 (0-0)
Provincia autonoma di Bolzano	0 (0-0)	-21.4 (-35.4--5.4)	1 (1-2)	-4.5 (-21.9-17)	0 (0-0)	-10 (-26.6-8.2)	0 (0-0)	-18.2 (-34.6-3.1)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Provincia autonoma di Trento	0 (0-0)	-31.8 (-62.5--13.4)	1 (0-2)	-11.6 (-50.6-18.4)	0 (0-0)	-18.2 (-54.9-6.1)	0 (0-0)	-29.2 (-61.6--4.5)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Puglia	0 (0-0)	-51.6 (-82.4--35.3)	3 (1-6)	-37.5 (-77.7--9.3)	0 (0-0)	-39.9 (-78.3--17)	0 (0-0)	-50.9 (-82.5--27.3)	0 (0-0)	2 (1-4)	0 (0-0)	0 (0-0)
Sardegna	0 (0-0)	-48 (-76.8--34)	1 (1-3)	-36 (-70--10.2)	0 (0-0)	-38.7 (-73.1--19.1)	0 (0-0)	-44.9 (-76.4--25.1)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Sicilia	7 (6-10)	-38 (-45.1--30.5)	158 (129-192)	-18.2 (-24.7--11.1)	8 (7-11)	-23.9 (-32.8--14.9)	3 (2-4)	-36.9 (-46.1--25.7)	5 (4-6)	129 (107-153)	6 (5-8)	2 (1-3)
Toscana	0 (0-1)	-13.8 (-33.7-21)	7 (4-12)	5.7 (-19-42.1)	0 (0-1)	3.5 (-20.3-44)	0 (0-0)	0.6 (-24.2-41.1)	0 (0-0)	7 (5-12)	0 (0-1)	0 (0-0)
Umbria	0 (0-0)	-14.1 (-28.1-1.7)	4 (3-6)	7.8 (-10.1-26)	0 (0-0)	5.5 (-11.5-23.5)	0 (0-0)	-0.3 (-20.4-25.1)	0 (0-0)	4 (3-6)	0 (0-0)	0 (0-0)
Valle d'Aosta	0 (0-0)	-32.9 (-43.1--21.2)	0 (0-1)	-8.7 (-24.9-12.2)	0 (0-0)	-14.9 (-27.7-0.1)	0 (0-0)	-23.5 (-38.3--7.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Veneto	2 (2-3)	-18.4 (-25.7--10.4)	49 (39-60)	11.3 (2.4-20.8)	3 (2-3)	4.7 (-3.6-15.5)	1 (1-1)	-11.8 (-25.1-2.5)	2 (1-3)	54 (44-67)	3 (2-4)	1 (0-1)
Luxembourg	0 (0-0)	17.9 (17.6-17.9)	0 (0-0)	20.7 (11.3-30.3)	0 (0-0)	19.7 (18.5-21.6)	0 (0-0)	16.2 (11-21.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Malta	0 (0-0)	2.9 (2.9-3.4)	0 (0-0)	-12 (-19.1--4.2)	0 (0-0)	-11.5 (-13.4--10)	0 (0-0)	-6 (-9.8--1.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Monaco	0 (0-0)	-12 (-48.1--5.1)	0 (0-0)	7.7 (-32.2-24.3)	0 (0-0)	7.7 (-37.6-17)	0 (0-0)	8.3 (-40.1-22.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Netherlands	0 (0-0)	-13.4 (-13.4--13.4)	0 (0-0)	-10.3 (-17.2--3.8)	0 (0-0)	-11 (-11.6--10)	0 (0-0)	-12.1 (-15.3--7.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Norway	0 (0-0)	-4.1 (-18.2-8.5)	0 (0-1)	-0.3 (-14-14.5)	0 (0-0)	-1.1 (-14.6-13.3)	0 (0-0)	-4.9 (-18.7-9.6)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Agder	0 (0-0)	-4.9 (-5.3--5.3)	0 (0-0)	-3.8 (-14.2-8.1)	0 (0-0)	-4.6 (-6.4--2.3)	0 (0-0)	-9.3 (-15.1--4.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Innlandet	0 (0-0)	-21 (-20.9--20.9)	0 (0-0)	-17.8 (-26.8--6.3)	0 (0-0)	-19 (-20.1--16.8)	0 (0-0)	-22.2 (-26.8--16.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Møre og Romsdal	0 (0-0)	-18.2 (-17.9--17.9)	0 (0-0)	-12.3 (-22.9--0.6)	0 (0-0)	-12.7 (-14--10.1)	0 (0-0)	-16.5 (-21.8--10.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Nordland	0 (0-0)	-15.5 (-17--17)	0 (0-0)	-21.7 (-29.9--12.7)	0 (0-0)	-22.5 (-24.7--21.7)	0 (0-0)	-25.4 (-31.2--22.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Oslo	0 (0-0)	24.8 (24.7-24.7)	0 (0-0)	32.4 (19.3-48.2)	0 (0-0)	31.6 (29.5-33.7)	0 (0-0)	27.6 (17.9-36.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Rogaland	0 (0-0)	-3 (-1.5--1.5)	0 (0-0)	5 (-5.7-18)	0 (0-0)	4.7 (4.1-8.5)	0 (0-0)	-0.6 (-7.1-7.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Troms og Finnmark	0 (0-0)	-21 (-21--21)	0 (0-0)	-16.6 (-24.7--8)	0 (0-0)	-17.6 (-18.6--15.9)	0 (0-0)	-19.7 (-23.8--15.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Trøndelag	0 (0-0)	3.5 (-48.1-4.8)	0 (0-0)	-3.5 (-49.5-11.9)	0 (0-0)	-4.3 (-52.2--0.6)	0 (0-0)	-6.9 (-51.1-5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Vestfold og Telemark	0 (0-0)	-15 (-13.9--13.9)	0 (0-0)	-12.9 (-22.5--0.3)	0 (0-0)	-12.9 (-13.1--9.7)	0 (0-0)	-15.8 (-22.2--9.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Vestland	0 (0-0)	-5.5 (-4.1--4.1)	0 (0-0)	-3.3 (-14.8-11.6)	0 (0-0)	-4.5 (-4.3--0.6)	0 (0-0)	-7.8 (-13.7-1.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Viken	0 (0-0)	-5.2 (-4.5--4.5)	0 (0-0)	4.6 (-8.7-18.8)	0 (0-0)	4.3 (2.6-8.2)	0 (0-0)	-1 (-12.4-7.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Portugal	0 (0-0)	-33.5 (-33.7--33.4)	0 (0-0)	-26.7 (-31.7--21.8)	0 (0-0)	-26.5 (-26.9--26)	0 (0-0)	-27.7 (-29.9--25.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
San Marino	0 (0-0)	-4.4 (-4.5--4.4)	0 (0-0)	-2 (-9-5.7)	0 (0-0)	-3 (-3.9--1.4)	0 (0-0)	-6 (-10--2.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Spain	2 (2-3)	-13.2 (-30.3-15.8)	16 (12-21)	-0.4 (-17.3-26)	2 (2-3)	-0.9 (-20.4-32)	1 (1-2)	0.3 (-23-39.9)	2 (1-3)	16 (12-20)	2 (2-3)	1 (1-2)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Sweden	0 (0-0)	33.9 (21.8-121)	2 (1-3)	22.4 (3.6-81.7)	0 (0-0)	24.5 (15.8-104)	0 (0-0)	36.4 (18.6-131)	0 (0-0)	2 (2-4)	0 (0-0)	0 (0-0)
Stockholm	0 (0-0)	33.5 (28.3-127)	0 (0-1)	40.8 (14.8-138)	0 (0-0)	41 (33.9-139)	0 (0-0)	46.3 (21.8-151)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Sweden except Stockholm	0 (0-0)	34 (29.1-121)	2 (1-2)	17.7 (-2.5-88)	0 (0-0)	20.2 (12.7-97.4)	0 (0-0)	33.7 (13-131)	0 (0-0)	2 (1-3)	0 (0-0)	0 (0-0)
Switzerland	0 (0-0)	15.9 (-16.7-17.9)	0 (0-0)	11.9 (-20.1-22)	0 (0-0)	12.2 (-19.1-15)	0 (0-0)	15.7 (-16.4-22.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
United Kingdom	0 (0-0)	17.3 (16.5-30.3)	0 (0-1)	7.2 (5-17.3)	0 (0-0)	6.9 (5.4-17.7)	0 (0-0)	8.3 (6.5-19.4)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
England	0 (0-0)	18.9 (17.8-34.3)	0 (0-1)	9 (7.5-21.2)	0 (0-0)	8.9 (8-22.1)	0 (0-0)	10.5 (9.3-24.4)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
East Midlands	0 (0-0)	19.4 (19.2-21)	0 (0-0)	7.3 (4.1-10.8)	0 (0-0)	7.1 (6.2-8.5)	0 (0-0)	9.4 (7.4-12)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Derby	0 (0-0)	15.8 (15.9-15.9)	0 (0-0)	13.4 (5.4-21.5)	0 (0-0)	13.2 (13-13.8)	0 (0-0)	12.8 (9-18.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Derbyshire	0 (0-0)	5.4 (5.1-5.1)	0 (0-0)	-7.1 (-13.5--0.1)	0 (0-0)	-8 (-9.1--7.1)	0 (0-0)	-6.7 (-10.9--2.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Leicester	0 (0-0)	36.5 (35.7-35.7)	0 (0-0)	30.5 (20.8-40.8)	0 (0-0)	30.2 (28.8-30.2)	0 (0-0)	31.6 (25.3-39.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Leicestershire	0 (0-0)	12 (12-12)	0 (0-0)	0.6 (-6.4-7.9)	0 (0-0)	-0.5 (-1.3-0.5)	0 (0-0)	1.2 (-3-5.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Lincolnshire	0 (0-0)	30.9 (30.7-30.7)	0 (0-0)	10 (1.6-18.1)	0 (0-0)	8.5 (7-9.8)	0 (0-0)	11.9 (6.4-18)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Northamptonshire	0 (0-0)	21.2 (21.2-21.2)	0 (0-0)	13.1 (4.4-23)	0 (0-0)	12.8 (12.1-13.4)	0 (0-0)	14.3 (8.7-19.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Nottingham	0 (0-0)	37.8 (37.8-37.8)	0 (0-0)	30.6 (20.6-40.5)	0 (0-0)	30.5 (29-31.8)	0 (0-0)	34.9 (29.7-41.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Nottinghamshire	0 (0-0)	12.3 (12.7-12.7)	0 (0-0)	1.3 (-5.2-9.9)	0 (0-0)	0.6 (0.1-1.8)	0 (0-0)	2.8 (-1.4-7.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Rutland	0 (0-0)	16.1 (15.5-15.5)	0 (0-0)	-0.8 (-9.1-8.8)	0 (0-0)	-1.6 (-3.2--0.6)	0 (0-0)	0.4 (-4-5.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
East of England	0 (0-0)	17.7 (13.4-20.7)	0 (0-0)	8 (3.3-11.7)	0 (0-0)	7.6 (4.1-9.7)	0 (0-0)	8.5 (4.6-11.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Bedford	0 (0-0)	17.8 (17.4-17.5)	0 (0-0)	7.6 (0.4-17.7)	0 (0-0)	7.2 (6.2-7.2)	0 (0-0)	8.1 (3.6-12.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Cambridgeshire	0 (0-0)	22.3 (22.8-22.8)	0 (0-0)	11.1 (0.7-20)	0 (0-0)	10.6 (10.2-11.8)	0 (0-0)	11.5 (6.5-17.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Central Bedfordshire	0 (0-0)	14.8 (14.8-14.8)	0 (0-0)	4.4 (-3.3-12.6)	0 (0-0)	3.9 (3.2-4.6)	0 (0-0)	4.9 (0.3-10)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Essex	0 (0-0)	14.6 (15.1-15.1)	0 (0-0)	1.9 (-7-10.8)	0 (0-0)	0.8 (0.2-2.1)	0 (0-0)	2.1 (-3.7-8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Hertfordshire	0 (0-0)	16.1 (16.1-16.1)	0 (0-0)	10.8 (2.7-19.7)	0 (0-0)	10 (9.5-10.7)	0 (0-0)	9.8 (4.6-15.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Luton	0 (0-0)	20.3 (18.7-18.7)	0 (0-0)	22.3 (13-31.8)	0 (0-0)	22.3 (20.4-21)	0 (0-0)	22.6 (16.8-28.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Norfolk	0 (0-0)	17.5 (17.5-17.5)	0 (0-0)	6 (-1.6-14)	0 (0-0)	5.4 (4.6-6.3)	0 (0-0)	7.1 (2.3-12)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Peterborough	0 (0-0)	49.6 (49.5-49.6)	0 (0-0)	41.5 (30-54.5)	0 (0-0)	41.6 (40.6-42.5)	0 (0-0)	43.3 (36.4-50.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Southend-on-Sea	0 (0-0)	16.9 (16.9-16.9)	0 (0-0)	10.7 (3.7-19.7)	0 (0-0)	10.1 (9.5-10.9)	0 (0-0)	10.1 (5.1-14.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Suffolk	0 (0-0)	13.1 (12.3-38.6)	0 (0-0)	3 (-5.9-23.3)	0 (0-0)	2 (0.5-24.4)	0 (0-0)	1.9 (-5.2-21.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Thurrock	0 (0-0)	20 (21.8-21.8)	0 (0-0)	16.8 (7.9-27.7)	0 (0-0)	16.3 (17.4-18.8)	0 (0-0)	14.9 (5.9-21.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Greater London	0 (0-0)	34.3 (31.8-133)	0 (0-0)	30.5 (26.6-128)	0 (0-0)	30.8 (27.4-132)	0 (0-0)	31.7 (28.1-133)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Barking and Dagenham	0 (0-0)	64.9 (63.5-63.5)	0 (0-0)	61.2 (44.7-78.8)	0 (0-0)	60.7 (58.2-60.7)	0 (0-0)	59.8 (49.3-70.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Barnet	0 (0-0)	35.7 (36.3-36.3)	0 (0-0)	32.2 (22.7-43.4)	0 (0-0)	32.1 (31.6-33.4)	0 (0-0)	31.6 (24.2-37.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Bexley	0 (0-0)	31.6 (31.3-41.5)	0 (0-0)	18.6 (10.2-29.2)	0 (0-0)	18.1 (16.8-26.4)	0 (0-0)	21.1 (15.2-30.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Brent	0 (0-0)	39.6 (39.6-39.6)	0 (0-0)	47.3 (37.7-58.2)	0 (0-0)	48.6 (47.1-49.6)	0 (0-0)	49.8 (44.3-55.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Bromley	0 (0-0)	22 (22.5-24)	0 (0-0)	10.3 (1.4-19.3)	0 (0-0)	9.4 (9.1-10.8)	0 (0-0)	9.8 (4.4-15.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Camden	0 (0-0)	7.9 (9-17.5)	0 (0-0)	5.3 (-3.2-14.9)	0 (0-0)	5.1 (5.3-14.4)	0 (0-0)	4.6 (0.1-13.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Croydon	0 (0-0)	44.3 (27.8-2180)	0 (0-0)	37.3 (19.4-1820)	0 (0-0)	38 (22.4-2040)	0 (0-0)	40.1 (24.8-2050)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Ealing	0 (0-0)	25.5 (24.8-24.8)	0 (0-0)	30.1 (17.8-44.7)	0 (0-0)	30.4 (28.4-31.2)	0 (0-0)	28.8 (20.2-36.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Enfield	0 (0-0)	38.8 (38.7-38.7)	0 (0-0)	40.3 (30.1-50.6)	0 (0-0)	40.6 (39.8-41.4)	0 (0-0)	40.1 (33.7-46.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Greenwich	0 (0-0)	52.4 (41.4-52.4)	0 (0-0)	45.7 (30.5-59.1)	0 (0-0)	45.9 (34.6-46.8)	0 (0-0)	46.3 (30.1-57.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Hackney	0 (0-0)	28.9 (28.9-28.9)	0 (0-0)	23.7 (15.8-31.8)	0 (0-0)	24 (23-25)	0 (0-0)	25.9 (21.1-31.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Hammersmith and Fulham	0 (0-0)	11.3 (11.3-11.3)	0 (0-0)	12 (4.7-19.7)	0 (0-0)	12.3 (11.2-13.4)	0 (0-0)	12.2 (7-17.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Haringey	0 (0-0)	14.4 (14.4-14.4)	0 (0-0)	22.5 (15-31)	0 (0-0)	22.9 (22.2-23.7)	0 (0-0)	21.5 (16.7-25.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Harrow	0 (0-0)	55.2 (55.1-55.1)	0 (0-0)	48.6 (37.1-62)	0 (0-0)	49.6 (47.6-51)	0 (0-0)	53.8 (46.7-60.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Havering	0 (0-0)	54.4 (53.9-53.9)	0 (0-0)	26.4 (17.3-38.4)	0 (0-0)	26.5 (23-29.8)	0 (0-0)	35.9 (28.9-44.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Hillingdon	0 (0-0)	48.8 (38.4-49.2)	0 (0-0)	37.1 (26.3-48.3)	0 (0-0)	37 (27.4-38.3)	0 (0-0)	39.3 (31.2-45.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Hounslow	0 (0-0)	44.2 (44.2-44.2)	0 (0-0)	45.9 (36.4-55.7)	0 (0-0)	47.4 (46-48.4)	0 (0-0)	48 (42.8-53.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Islington	0 (0-0)	38.5 (38.5-38.5)	0 (0-0)	24.3 (16.7-32.8)	0 (0-0)	24.5 (22.8-26)	0 (0-0)	29.2 (24-34.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Kensington and Chelsea	0 (0-0)	-9.8 (-9.8--9.8)	0 (0-0)	-14.4 (-19.9--7.7)	0 (0-0)	-15.6 (-16.3--14.3)	0 (0-0)	-17.4 (-20.6--13.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Kingston upon Thames	0 (0-0)	34.9 (35.4-35.5)	0 (0-0)	23.4 (13.9-34.1)	0 (0-0)	23.6 (22.6-25)	0 (0-0)	24.7 (18.9-30.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Lambeth	0 (0-0)	15.5 (15.5-15.5)	0 (0-0)	15.9 (8.6-23.6)	0 (0-0)	15.4 (14.5-16.2)	0 (0-0)	16 (11-20.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Lewisham	0 (0-0)	30.7 (30.7-30.7)	0 (0-0)	26.5 (17.9-35.3)	0 (0-0)	26.6 (25.7-27.4)	0 (0-0)	27.4 (22.2-33.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Merton	0 (0-0)	27.7 (27.1-321)	0 (0-0)	19.9 (9-291)	0 (0-0)	20.7 (18.3-298)	0 (0-0)	21.2 (13.7-301)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Newham	0 (0-0)	42 (42-42)	0 (0-0)	34.9 (26.2-44.3)	0 (0-0)	34.8 (34-35.5)	0 (0-0)	36.7 (31.4-42)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Redbridge	0 (0-0)	61.9 (63.8-64.4)	0 (0-0)	56.2 (43-72)	0 (0-0)	56.4 (57-59.2)	0 (0-0)	57.2 (48.8-66.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Richmond upon Thames	0 (0-0)	5.7 (-15.2-6.5)	0 (0-0)	12.3 (-10.7-21.6)	0 (0-0)	11.7 (-10.3-14.7)	0 (0-0)	6.7 (-12.7-12.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Southwark	0 (0-0)	28 (27.6-27.6)	0 (0-0)	22.7 (12.5-38.7)	0 (0-0)	22.6 (20.8-23.6)	0 (0-0)	24.9 (15.7-32.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Sutton	0 (0-0)	24.7 (24.7-24.7)	0 (0-0)	10.9 (3.5-19.6)	0 (0-0)	10.9 (10.1-11.7)	0 (0-0)	12.8 (8.1-17.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tower Hamlets	0 (0-0)	56.2 (56-56)	0 (0-0)	48.3 (39-58.8)	0 (0-0)	49.1 (47-50.4)	0 (0-0)	53.8 (48-59.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Waltham Forest	0 (0-0)	44.8 (45.4-45.4)	0 (0-0)	45.4 (35.4-55.4)	0 (0-0)	44.8 (44.4-46.1)	0 (0-0)	44.6 (38.9-50.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Wandsworth	0 (0-0)	35.7 (35.4-44.7)	0 (0-0)	42.1 (33.2-52.3)	0 (0-0)	42.8 (40.3-52.1)	0 (0-0)	41.7 (36-50.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Westminster	0 (0-0)	11.7 (11.7-11.7)	0 (0-0)	19.6 (12.3-29.4)	0 (0-0)	20 (18.6-21.7)	0 (0-0)	17.4 (12.5-21.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
North East England	0 (0-0)	6.3 (6.3-8.2)	0 (0-0)	-4.4 (-8-0.3)	0 (0-0)	-4.7 (-5.7--2.9)	0 (0-0)	-2.5 (-4.2-0.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
County Durham	0 (0-0)	6.6 (6.6-6.6)	0 (0-0)	-3.3 (-10.5-3.4)	0 (0-0)	-3.9 (-4.7--3.1)	0 (0-0)	-2.1 (-6-2.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Darlington	0 (0-0)	7.6 (8.8-8.8)	0 (0-0)	3.6 (-5-13)	0 (0-0)	2.8 (3.2-5)	0 (0-0)	2.5 (-1.3-7.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Gateshead	0 (0-0)	9.7 (9.7-9.7)	0 (0-0)	0.6 (-6.5-8.1)	0 (0-0)	0.3 (-0.3-0.9)	0 (0-0)	1.1 (-3-5.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Hartlepool	0 (0-0)	-1.9 (-0.9--0.9)	0 (0-0)	-11.7 (-18.6--4.3)	0 (0-0)	-12.5 (-12.6--10.8)	0 (0-0)	-11.1 (-14.6--6.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Middlesbrough	0 (0-0)	8.2 (7-7)	0 (0-0)	0.2 (-7.2-9.4)	0 (0-0)	0.5 (-1.8-0.5)	0 (0-0)	3.5 (-1.4-8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Newcastle upon Tyne	0 (0-0)	25.8 (27.3-27.3)	0 (0-0)	12.5 (2.8-22)	0 (0-0)	11.7 (10.9-14.3)	0 (0-0)	15.5 (9.6-21.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
North Tyneside	0 (0-0)	12.2 (12.2-12.2)	0 (0-0)	3.6 (-3.7-11.8)	0 (0-0)	3.2 (2.4-4)	0 (0-0)	5.2 (0.8-10)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Northumberland	0 (0-0)	-0.9 (-1.1--1.1)	0 (0-0)	-11.7 (-18.3--2.2)	0 (0-0)	-11.9 (-12.8--11)	0 (0-0)	-10.9 (-15.2--6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Redcar and Cleveland	0 (0-0)	-1.1 (-2.7--2.6)	0 (0-0)	-13.1 (-20.9--4.8)	0 (0-0)	-13.7 (-16.2--13.8)	0 (0-0)	-10.8 (-15.6--7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
South Tyneside	0 (0-0)	1.5 (1.5-1.5)	0 (0-0)	-14.8 (-20.2--8.7)	0 (0-0)	-14.8 (-16--13.6)	0 (0-0)	-11.4 (-14.9--7.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Stockton-on-Tees	0 (0-0)	11.6 (10.7-15)	0 (0-0)	0.2 (-11-20.6)	0 (0-0)	-0.7 (-2.5-3.2)	0 (0-0)	0.5 (-6.1-11.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Sunderland	0 (0-0)	-8.4 (-8.4--8.4)	0 (0-0)	-18.1 (-23.7--12)	0 (0-0)	-18 (-19--17.1)	0 (0-0)	-15.1 (-18.3--11.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
North West England	0 (0-0)	12.5 (12.5-13.7)	0 (0-0)	0.7 (-1.6-3.3)	0 (0-0)	0.8 (-0.2-2.7)	0 (0-0)	3.2 (1.8-6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Blackburn with Darwen	0 (0-0)	0.5 (-0.7--0.7)	0 (0-0)	-5.2 (-12-1.5)	0 (0-0)	-5.5 (-7--5.4)	0 (0-0)	-6.6 (-10.1--2.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Blackpool	0 (0-0)	10.7 (10.7-10.7)	0 (0-0)	-1.1 (-7.5-5.3)	0 (0-0)	-1.8 (-2.5--1.4)	0 (0-0)	-0.7 (-3.8-2.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Bolton	0 (0-0)	15.3 (17.1-17.1)	0 (0-0)	4.7 (-2.6-13.9)	0 (0-0)	4.4 (5.2-6.5)	0 (0-0)	5.3 (1.6-10.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Bury	0 (0-0)	9.2 (9.2-9.2)	0 (0-0)	0.5 (-6.7-8.2)	0 (0-0)	-0.1 (-0.7-0.4)	0 (0-0)	1 (-2.9-4.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Cheshire East	0 (0-0)	8.4 (8.4-8.4)	0 (0-0)	-4.7 (-12-2.6)	0 (0-0)	-5.8 (-6.7--4.6)	0 (0-0)	-4.7 (-8.8-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Cheshire West and Chester	0 (0-0)	3.6 (4-5.7)	0 (0-0)	-11.9 (-22--3.2)	0 (0-0)	-12.1 (-13.4--9.3)	0 (0-0)	-9.5 (-16.3--4.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Cumbria	0 (0-0)	-1.8 (-1.7--1.7)	0 (0-0)	-13 (-20.2--5.8)	0 (0-0)	-13.4 (-14.1--12.4)	0 (0-0)	-12 (-16.3--7.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Halton	0 (0-0)	2.9 (2.1-3.7)	0 (0-0)	-0.8 (-10.7-13.5)	0 (0-0)	-1.5 (-2.8--0.3)	0 (0-0)	-1.1 (-7.3-7.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Knowsley	0 (0-0)	3.3 (4.1-4.1)	0 (0-0)	-10.7 (-18.1--2.8)	0 (0-0)	-11.1 (-12.5--8.9)	0 (0-0)	-6.4 (-10.5--1.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Lancashire	0 (0-0)	7.2 (7.2-7.2)	0 (0-0)	-5.6 (-12.1-1.6)	0 (0-0)	-6 (-6.9--5.3)	0 (0-0)	-4.1 (-7.9--0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Liverpool	0 (0-0)	23 (23-23)	0 (0-0)	6.7 (-1.3-14.7)	0 (0-0)	6.3 (3.9-8.2)	0 (0-0)	12.3 (7.9-16.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Manchester	0 (0-0)	55.8 (55.8-55.8)	0 (0-0)	48 (37.9-58.7)	0 (0-0)	47.9 (46.3-49.1)	0 (0-0)	52 (47.1-57.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Oldham	0 (0-0)	10.7 (10.7-10.7)	0 (0-0)	3.6 (-3.1-10.9)	0 (0-0)	3.3 (2.8-3.9)	0 (0-0)	3.9 (0.1-7.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Rochdale	0 (0-0)	11.4 (11.4-11.4)	0 (0-0)	-0.1 (-6.5-7.1)	0 (0-0)	-0.8 (-1.5--0.3)	0 (0-0)	0.7 (-2.8-4.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Salford	0 (0-0)	42.2 (41.1-43.3)	0 (0-0)	33.6 (19.3-47.9)	0 (0-0)	33.5 (30.1-36)	0 (0-0)	38.2 (30.8-51.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Sefton	0 (0-0)	0.8 (0.8-0.8)	0 (0-0)	-14.4 (-21--7.4)	0 (0-0)	-14.7 (-16.4--13.1)	0 (0-0)	-10 (-13.8--5.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
St Helens	0 (0-0)	4.4 (2.8-2.9)	0 (0-0)	-9.1 (-16.6--1.4)	0 (0-0)	-9.5 (-12.2--9.5)	0 (0-0)	-5.8 (-10.8--0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Stockport	0 (0-0)	6.7 (6.7-6.7)	0 (0-0)	-4.1 (-12.1-3.6)	0 (0-0)	-4 (-4.8--3.2)	0 (0-0)	-1.7 (-5.8-3.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tameside	0 (0-0)	13.5 (12.7-14.4)	0 (0-0)	2.3 (-9.4-14)	0 (0-0)	2.6 (0.5-4.2)	0 (0-0)	5 (-2.8-11.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Trafford	0 (0-0)	11.5 (11.5-11.5)	0 (0-0)	13.8 (5.4-22.8)	0 (0-0)	14 (13.5-14.7)	0 (0-0)	13.5 (9-18.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Warrington	0 (0-0)	2.5 (2.5-2.5)	0 (0-0)	-3.6 (-10.4-3.1)	0 (0-0)	-4.1 (-4.7--3.3)	0 (0-0)	-4.6 (-8.7--0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Wigan	0 (0-0)	7.5 (6.3-6.3)	0 (0-0)	-0.3 (-9.1-10.3)	0 (0-0)	-0.7 (-2.5--1)	0 (0-0)	0.4 (-5.2-6.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Wirral	0 (0-0)	2.6 (2.6-2.6)	0 (0-0)	-7.6 (-14.4--0.5)	0 (0-0)	-8.2 (-9--7.4)	0 (0-0)	-6.5 (-10.4--2.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
South East England	0 (0-0)	15.3 (14.5-17.6)	0 (0-0)	7 (4.1-10.3)	0 (0-0)	6.9 (5.4-9.5)	0 (0-0)	7.4 (4.8-10.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Bracknell Forest	0 (0-0)	-1.5 (-3.4-4.1)	0 (0-0)	-5.2 (-13.2-7.9)	0 (0-0)	-5.2 (-7.4-0.8)	0 (0-0)	-6.3 (-12.2-4.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Brighton and Hove	0 (0-0)	10.4 (10.4-10.4)	0 (0-0)	6.7 (-1-14.5)	0 (0-0)	6 (4.9-7.7)	0 (0-0)	4.6 (0-9.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Buckinghamshire	0 (0-0)	6.2 (5.4-6.7)	0 (0-0)	-1.4 (-10-7.1)	0 (0-0)	-2 (-3.2--0.4)	0 (0-0)	-2.8 (-7.3-2.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
East Sussex	0 (0-0)	14.5 (13.2-13.3)	0 (0-0)	-1.1 (-9.4-11.6)	0 (0-0)	-2.1 (-4.3--1)	0 (0-0)	-1.5 (-6.8-5.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Hampshire	0 (0-0)	7.9 (8-8)	0 (0-0)	-2.2 (-9.2-5.3)	0 (0-0)	-2.9 (-3.6--1.8)	0 (0-0)	-2.7 (-7.1-2.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Isle of Wight	0 (0-0)	16.4 (16.4-16.4)	0 (0-0)	-4.8 (-11.7-2.1)	0 (0-0)	-5.7 (-7.1--4.1)	0 (0-0)	-2.2 (-6.4-2.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Kent	0 (0-0)	26.3 (24.4-24.5)	0 (0-0)	13.4 (3.4-24.3)	0 (0-0)	13.1 (10.3-13)	0 (0-0)	14.7 (7-20.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Medway	0 (0-0)	19.9 (19.9-19.9)	0 (0-0)	5.7 (-1.5-12.8)	0 (0-0)	5 (3.8-6.1)	0 (0-0)	8.2 (4.2-13.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Milton Keynes	0 (0-0)	26.6 (26.6-26.6)	0 (0-0)	30.7 (20.8-40.6)	0 (0-0)	31.2 (30.3-32)	0 (0-0)	30.2 (24-36)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Oxfordshire	0 (0-0)	11.1 (10.8-10.8)	0 (0-0)	5.5 (-1.8-12.7)	0 (0-0)	4.7 (3.9-5.1)	0 (0-0)	4.7 (0.3-9.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Portsmouth	0 (0-0)	26.5 (25.4-57.5)	0 (0-0)	21.8 (12.2-52.4)	0 (0-0)	21.5 (19.7-51.2)	0 (0-0)	23.3 (16.9-52.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Reading	0 (0-0)	27.1 (26.6-26.7)	0 (0-0)	30.6 (20.9-43.2)	0 (0-0)	32.3 (29.7-33.2)	0 (0-0)	34.5 (28.9-40.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Slough	0 (0-0)	37.4 (37.1-37.1)	0 (0-0)	53.1 (42.8-63.4)	0 (0-0)	54.3 (52.7-55.3)	0 (0-0)	51.8 (46-57)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Southampton	0 (0-0)	33.6 (33.2-42.4)	0 (0-0)	24.4 (15.4-36.1)	0 (0-0)	25.1 (22.6-32.1)	0 (0-0)	30.3 (24.8-38.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Surrey	0 (0-0)	11.1 (11.1-11.1)	0 (0-0)	7.4 (-0.2-16)	0 (0-0)	7 (6.2-8.1)	0 (0-0)	5.5 (0.1-11.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
West Berkshire	0 (0-0)	0 (0-0)	0 (0-0)	-0.8 (-7.3-6.8)	0 (0-0)	-1.2 (-1.9--0.1)	0 (0-0)	-2.7 (-6.8-1.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
West Sussex	0 (0-0)	16.3 (14.3-22.1)	0 (0-0)	5.7 (-2.2-17.2)	0 (0-0)	5.4 (2.9-11.1)	0 (0-0)	6.1 (-0.8-15.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Windsor and Maidenhead	0 (0-0)	4.8 (5.2-5.2)	0 (0-0)	4.8 (-4-13.2)	0 (0-0)	4.4 (3.7-6.2)	0 (0-0)	1.6 (-2.9-7.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Wokingham	0 (0-0)	-7 (-6.9--6.9)	0 (0-0)	-7.3 (-13.5-1.4)	0 (0-0)	-7.3 (-8--6.2)	0 (0-0)	-9.1 (-13.6--5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
South West England	0 (0-0)	18.4 (16.7-22.9)	0 (0-0)	5.2 (2.7-9.1)	0 (0-0)	4.8 (3.4-9.7)	0 (0-0)	7 (5.1-11.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Bath and North East Somerset	0 (0-0)	14.1 (13.9-13.9)	0 (0-0)	-1.6 (-9.5-6.2)	0 (0-0)	-2.6 (-3.8--1.3)	0 (0-0)	-1 (-5.3-4.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Bournemouth	0 (0-0)	55.4 (45-55.8)	0 (0-0)	34 (21.8-46.5)	0 (0-0)	34.7 (26-37.3)	0 (0-0)	41.7 (34.1-49)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Bristol, City of	0 (0-0)	37.8 (38.4-38.4)	0 (0-0)	28.1 (17.4-38)	0 (0-0)	27.9 (26.4-29.7)	0 (0-0)	29.9 (23.6-37.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Comwall	0 (0-0)	19.5 (19.5-19.5)	0 (0-0)	1.2 (-6.2-9.2)	0 (0-0)	0.5 (-0.5-1.7)	0 (0-0)	2.5 (-2-8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Devon	0 (0-0)	14 (14.2-14.2)	0 (0-0)	0.6 (-6.7-8.4)	0 (0-0)	-0.3 (-1.2-1.1)	0 (0-0)	2.5 (-2.5-7.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Dorset	0 (0-0)	7.4 (-12.5-7.9)	0 (0-0)	-5.1 (-18.5-3.6)	0 (0-0)	-6.2 (-23.4--4.1)	0 (0-0)	-4.1 (-22.2-2.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Gloucestershire	0 (0-0)	13.2 (13.3-13.3)	0 (0-0)	-0.8 (-8.3-6.8)	0 (0-0)	-1.3 (-2--0.2)	0 (0-0)	0.4 (-4.1-6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
North Somerset	0 (0-0)	18.6 (18.8-18.8)	0 (0-0)	6.2 (-0.7-14.1)	0 (0-0)	5.5 (4.9-6.4)	0 (0-0)	6.2 (1.5-10.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Plymouth	0 (0-0)	22 (21.4-21.4)	0 (0-0)	10 (1.7-20.1)	0 (0-0)	10.1 (8.2-11.1)	0 (0-0)	14.5 (9.1-20.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Poole	0 (0-0)	10.9 (11.4-11.4)	0 (0-0)	5.8 (-4.4-15.4)	0 (0-0)	6.2 (5.9-7.1)	0 (0-0)	7.2 (1.3-12.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Somerset	0 (0-0)	15.4 (15.9-15.9)	0 (0-0)	1 (-7-8.2)	0 (0-0)	0 (-0.7-1.5)	0 (0-0)	1.9 (-2.6-7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
South Gloucestershire	0 (0-0)	11.9 (12.1-12.1)	0 (0-0)	1.5 (-5.2-9.1)	0 (0-0)	1 (0.2-2.3)	0 (0-0)	3 (-1.4-7.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Swindon	0 (0-0)	31.7 (31.7-31.7)	0 (0-0)	26 (17.6-35.8)	0 (0-0)	25.3 (24.8-25.8)	0 (0-0)	25.8 (20.2-31.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Torbay	0 (0-0)	15.8 (14.9-14.9)	0 (0-0)	1.3 (-7.3-9.4)	0 (0-0)	1.3 (-1.1-2.1)	0 (0-0)	5.6 (0.8-11)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Wiltshire	0 (0-0)	8.8 (7.3-61.3)	0 (0-0)	1.1 (-7.2-48.3)	0 (0-0)	0.6 (-1.9-50.5)	0 (0-0)	-1 (-6.4-47.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
West Midlands	0 (0-0)	15.6 (15.6-15.6)	0 (0-0)	5.5 (3-8)	0 (0-0)	5.4 (4.8-6.1)	0 (0-0)	6.6 (5.2-8.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Birmingham	0 (0-0)	22.8 (22.8-22.8)	0 (0-0)	16.9 (9.5-24.5)	0 (0-0)	16.1 (15.6-16.6)	0 (0-0)	15.9 (11.9-20.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Coventry	0 (0-0)	27.9 (27.7-27.7)	0 (0-0)	15 (7-23.4)	0 (0-0)	15.4 (13.9-16.3)	0 (0-0)	18.7 (14.3-23.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Dudley	0 (0-0)	8.8 (8.7-8.7)	0 (0-0)	2.6 (-4.5-9.4)	0 (0-0)	1.7 (1-2.1)	0 (0-0)	2.3 (-1.5-6.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Herefordshire, County of	0 (0-0)	9.8 (9.7-9.7)	0 (0-0)	-6.3 (-12.8-1.5)	0 (0-0)	-7.6 (-8.6--6.5)	0 (0-0)	-6.5 (-10.3--3.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Sandwell	0 (0-0)	26.6 (26.7-26.7)	0 (0-0)	23.3 (15.5-32)	0 (0-0)	22.7 (22.5-23.3)	0 (0-0)	22.5 (18.4-27.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Shropshire	0 (0-0)	8.1 (8.1-8.1)	0 (0-0)	-3.2 (-9.4-3.9)	0 (0-0)	-4.4 (-5.3--3.3)	0 (0-0)	-4.4 (-8.3--0.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Solihull	0 (0-0)	17.9 (18.2-18.2)	0 (0-0)	0.1 (-7-7.8)	0 (0-0)	-0.4 (-1.5-1.3)	0 (0-0)	3.5 (-0.6-8.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Staffordshire	0 (0-0)	6.1 (6.1-6.1)	0 (0-0)	-6.4 (-13.4-1)	0 (0-0)	-7.2 (-7.9--6.3)	0 (0-0)	-6.2 (-10.3--2.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Stoke-on-Trent	0 (0-0)	13.4 (13.4-13.4)	0 (0-0)	9.6 (2.4-18)	0 (0-0)	9.8 (9.2-10.2)	0 (0-0)	10.6 (6.7-14.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Telford and Wrekin	0 (0-0)	7.6 (7.6-7.6)	0 (0-0)	-2 (-9.3-5.1)	0 (0-0)	-3.2 (-3.8--2.5)	0 (0-0)	-3.5 (-7.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Walsall	0 (0-0)	19.1 (19.1-19.1)	0 (0-0)	10.9 (3.8-17.8)	0 (0-0)	10.3 (9.7-10.8)	0 (0-0)	11.4 (7.7-16.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Warwickshire	0 (0-0)	15 (15-15)	0 (0-0)	3.6 (-3.5-11)	0 (0-0)	3.1 (2.4-3.9)	0 (0-0)	4.2 (-0.4-9.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Wolverhampton	0 (0-0)	18.7 (18.8-18.8)	0 (0-0)	12.7 (5.5-20.5)	0 (0-0)	13.4 (12.6-14.2)	0 (0-0)	16.1 (12.4-20.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Worcestershire	0 (0-0)	4.8 (4.8-4.8)	0 (0-0)	-6 (-13-0.8)	0 (0-0)	-6.4 (-7.1--5.7)	0 (0-0)	-5.4 (-9.4--0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Yorkshire and the Humber	0 (0-0)	15 (15.3-17.6)	0 (0-0)	4.9 (1.5-8.2)	0 (0-0)	4.5 (3.8-6.9)	0 (0-0)	6.2 (4.6-8.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Barnsley	0 (0-0)	17.7 (17.7-17.7)	0 (0-0)	3.9 (-2.7-12)	0 (0-0)	3.4 (2.4-4.3)	0 (0-0)	5.3 (1.1-9.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Bradford	0 (0-0)	10.9 (11.7-11.7)	0 (0-0)	13.7 (6-22.7)	0 (0-0)	12.7 (13.1-14.4)	0 (0-0)	11 (6.6-15.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Calderdale	0 (0-0)	10.6 (8.7-10.2)	0 (0-0)	0.6 (-8.4-9.3)	0 (0-0)	-0.9 (-3.3--0.1)	0 (0-0)	-1.1 (-6.3-5.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Doncaster	0 (0-0)	8.6 (8.6-8.6)	0 (0-0)	-0.5 (-7.9-7.5)	0 (0-0)	-0.8 (-1.4--0.2)	0 (0-0)	-0.2 (-4.4-4.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
East Riding of Yorkshire	0 (0-0)	4.3 (4.2-4.2)	0 (0-0)	-8.8 (-15.3--1.4)	0 (0-0)	-9.4 (-10.2--8.4)	0 (0-0)	-8 (-12.2--3.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Kingston upon Hull, City of	0 (0-0)	13.5 (13.5-13.5)	0 (0-0)	5.2 (-2.3-13)	0 (0-0)	6.2 (4.9-7.2)	0 (0-0)	10 (6.2-14.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Kirklees	0 (0-0)	4.6 (-31.2-7.6)	0 (0-0)	-1 (-35-9)	0 (0-0)	-1 (-35.2-2.6)	0 (0-0)	-1.8 (-35.5-4.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Leeds	0 (0-0)	33.2 (33.6-33.7)	0 (0-0)	16.4 (7.7-25.9)	0 (0-0)	16.8 (14.8-18.9)	0 (0-0)	22.3 (17.7-28.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
North East Lincolnshire	0 (0-0)	7.2 (7.1-7.1)	0 (0-0)	-7.9 (-14.5--0.6)	0 (0-0)	-8.5 (-9.6--7.8)	0 (0-0)	-6.2 (-10.2--2.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
North Lincolnshire	0 (0-0)	18.8 (18.4-18.4)	0 (0-0)	9.2 (0.5-19.8)	0 (0-0)	8.5 (7.2-9.2)	0 (0-0)	9.6 (4.7-15.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
North Yorkshire	0 (0-0)	4.9 (4.3-4.3)	0 (0-0)	-4.1 (-15.3-6.6)	0 (0-0)	-5.4 (-7--4.8)	0 (0-0)	-4.5 (-9.9-2.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Rotherham	0 (0-0)	11 (11-11)	0 (0-0)	-1.9 (-9.1-4.8)	0 (0-0)	-2.7 (-3.6--1.9)	0 (0-0)	-1.3 (-5.4-3.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Sheffield	0 (0-0)	26.2 (25.8-25.8)	0 (0-0)	14.7 (5.7-22.8)	0 (0-0)	14.7 (13.5-15.2)	0 (0-0)	16.9 (11.9-21.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Wakefield	0 (0-0)	13.1 (12.8-12.8)	0 (0-0)	0.7 (-6.6-7.9)	0 (0-0)	-0.3 (-1.5-0.3)	0 (0-0)	2 (-2.1-6.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
York	0 (0-0)	23.4 (23.4-23.4)	0 (0-0)	9.8 (2-18.5)	0 (0-0)	9.2 (8.3-10.2)	0 (0-0)	10.9 (6.3-15.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Northern Ireland	0 (0-0)	13.7 (13.6-13.8)	0 (0-0)	-1.6 (-8.9-6.5)	0 (0-0)	-2.6 (-3.4--1.8)	0 (0-0)	-2.2 (-6-2.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Scotland	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	-10.7 (-18.4--1.6)	0 (0-0)	-11.2 (-12--9.9)	0 (0-0)	-11.3 (-15.6--6.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Wales	0 (0-0)	7.9 (7.9-8)	0 (0-0)	-4.4 (-11.8-2.8)	0 (0-0)	-5 (-5.8--4.2)	0 (0-0)	-3.7 (-7.2-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Latin America and Caribbean	206 (160-274)	3.9 (-0.5-8)	2,950 (2,400-3,680)	27.1 (20.6-32.7)	164 (125-220)	24.6 (19.3-29.8)	99 (71-139)	10 (4-16.5)	214 (162-287)	3,750 (2,960-4,830)	204 (155-275)	109 (78-150)
Andean Latin America	0 (0-1)	22.5 (6.2-66.3)	2 (1-3)	38 (11.2-102)	0 (0-0)	31.2 (12.5-78.3)	0 (0-0)	25.5 (4.5-66.1)	0 (0-1)	2 (1-4)	0 (0-1)	0 (0-0)
Bolivia (Plurinational State of)	0 (0-0)	26.8 (24.8-32.5)	0 (0-0)	31.3 (21.3-41.7)	0 (0-0)	31.9 (28.3-37.1)	0 (0-0)	34.3 (25.4-42.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Ecuador	0 (0-0)	46.5 (8.2-151)	1 (0-1)	60.3 (8.1-195)	0 (0-0)	48.4 (7.8-153)	0 (0-0)	34.8 (-7.7-129)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Peru	0 (0-0)	-1.7 (-2.4-20.5)	1 (0-1)	6.3 (-2-27.1)	0 (0-0)	7.4 (6-32.3)	0 (0-0)	6.9 (0.1-27.9)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Caribbean	125 (90-176)	4.3 (-1.6-10.4)	383 (278-529)	7.4 (1.7-13.9)	112 (80-157)	9.8 (3.6-16.3)	90 (64-129)	10.3 (3.6-17.5)	130 (93-179)	411 (298-561)	123 (88-169)	99 (70-139)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Antigua and Barbuda	0 (0-0)	-33.8 (-40.7--25.7)	0 (0-0)	-23.5 (-30.7--14.2)	0 (0-0)	-23.9 (-31.6--14.6)	0 (0-0)	-26.5 (-36.1--16.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Bahamas	0 (0-0)	-21.1 (-43.1-6.9)	0 (0-0)	-24.1 (-41--2.5)	0 (0-0)	-25.6 (-44.4--0.5)	0 (0-0)	-31 (-51.3--6.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Barbados	0 (0-0)	-27.2 (-34.6--18.8)	0 (0-1)	-21 (-28.6--12.9)	0 (0-0)	-20.3 (-28.2--11)	0 (0-0)	-24.2 (-35.1--12.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Belize	0 (0-0)	26.9 (14.4-41.8)	1 (1-2)	29.5 (16.3-43.6)	0 (0-0)	28.9 (16.5-43.6)	0 (0-0)	26.8 (12.4-43.8)	0 (0-1)	1 (1-2)	0 (0-1)	0 (0-0)
Bermuda	0 (0-0)	-41.7 (-54--31.9)	0 (0-0)	-35.9 (-47.3--27.4)	0 (0-0)	-35.9 (-48.7--25.4)	0 (0-0)	-40.5 (-54.1--28.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Cuba	5 (4-8)	-33.2 (-41.3--26.2)	24 (17-34)	-26.9 (-33.6--19.7)	5 (4-8)	-25.2 (-34.1--17.5)	4 (2-5)	-27.5 (-37.7--18.2)	4 (2-5)	18 (13-25)	4 (3-6)	3 (2-4)
Dominica	0 (0-0)	-37.8 (-45--31.1)	0 (0-0)	-37.9 (-45.2--31.2)	0 (0-0)	-38.5 (-45.5--31.9)	0 (0-0)	-40.3 (-47.8--32.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Dominican Republic	51 (37-72)	-6.1 (-16-2.6)	156 (113-218)	-1.1 (-10.9-8.4)	46 (33-65)	-1 (-11.5-8.6)	38 (26-54)	-1.5 (-12.3-8.3)	48 (34-65)	155 (112-210)	46 (32-62)	37 (26-51)
Grenada	0 (0-0)	-30.7 (-39--23.8)	0 (0-0)	-30.2 (-37.3--23.3)	0 (0-0)	-30.6 (-38.5--23.5)	0 (0-0)	-30.8 (-39.8--22.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Guyana	0 (0-1)	-17.7 (-25--8.9)	2 (1-2)	-22.8 (-29.7--15.4)	0 (0-1)	-23.8 (-30.8--15.6)	0 (0-1)	-22.2 (-30.2--13.4)	0 (0-1)	1 (1-2)	0 (0-1)	0 (0-0)
Haiti	57 (41-80)	20.9 (11.2-31.4)	154 (111-213)	30 (18.5-41)	48 (34-67)	31.3 (20.8-42.8)	40 (28-57)	30.4 (19.3-42.2)	68 (49-95)	200 (144-272)	63 (45-87)	52 (37-73)
Jamaica	6 (4-8)	-25 (-32.5--15.8)	25 (18-36)	-28.6 (-34.8--21.1)	6 (4-9)	-29.7 (-36.9--21.4)	4 (3-6)	-30 (-39--19.9)	4 (3-6)	18 (13-25)	4 (3-6)	3 (2-4)
Puerto Rico	0 (0-1)	-61.3 (-68.7--52.7)	3 (2-4)	-54.6 (-62.2--45.7)	1 (0-1)	-54 (-63.3--42.6)	0 (0-0)	-62.2 (-70.7--52)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Saint Kitts and Nevis	0 (0-0)	-18.3 (-26.8--8.6)	0 (0-0)	-16.5 (-24.8--7.6)	0 (0-0)	-16.8 (-25.5--7.4)	0 (0-0)	-17.8 (-27.5--7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Saint Lucia	0 (0-0)	-42.3 (-47.7--36.5)	0 (0-1)	-41.4 (-47--35.4)	0 (0-0)	-42 (-47.4--36.1)	0 (0-0)	-43.5 (-49.8--36.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Saint Vincent and the Grenadines	0 (0-0)	-33 (-38.9--25.3)	0 (0-0)	-32.8 (-39.2--24.9)	0 (0-0)	-33 (-39--25.4)	0 (0-0)	-33.8 (-41.3--25)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Suriname	0 (0-0)	-10.7 (-19.5--0.5)	1 (1-1)	2.5 (-8.1-15.1)	0 (0-0)	3.6 (-6.6-15.9)	0 (0-0)	0.9 (-10.1-14.4)	0 (0-0)	1 (1-1)	0 (0-0)	0 (0-0)
Trinidad and Tobago	0 (0-1)	-18.6 (-25.9--11.2)	2 (1-3)	-15.1 (-22--7.4)	0 (0-1)	-14.6 (-22.2--7.7)	0 (0-0)	-13.4 (-22.4--3.8)	0 (0-1)	2 (1-3)	0 (0-1)	0 (0-0)
United States Virgin Islands	0 (0-0)	-38.1 (-49.9--25.4)	0 (0-0)	-35.4 (-46.3--23.5)	0 (0-0)	-35 (-47.4--21.6)	0 (0-0)	-35.9 (-49.3--19.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Central Latin America	7 (5-10)	-13.2 (-25.7-8.8)	43 (28-64)	-6.9 (-20.3-20.8)	6 (4-9)	-8.2 (-21.6-15.3)	4 (2-5)	-10.8 (-25.7-10.7)	6 (4-9)	40 (26-65)	6 (4-9)	3 (2-5)
Colombia	4 (3-6)	-17.7 (-37.7--4.2)	19 (13-27)	-17.8 (-34.7--7.6)	4 (3-5)	-18.9 (-38.9--5.6)	2 (1-3)	-17.8 (-38.3--2.2)	3 (2-5)	16 (11-22)	3 (2-4)	2 (1-3)
Costa Rica	0 (0-0)	-9 (-81.7-55.6)	0 (0-0)	-9.3 (-80.5-43.7)	0 (0-0)	-8.9 (-81.8-53.6)	0 (0-0)	-10.8 (-82.3-51.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
El Salvador	0 (0-0)	-18.3 (-22.8-48.4)	0 (0-0)	-18.9 (-28.8-41.1)	0 (0-0)	-19.1 (-24.8-45.3)	0 (0-0)	-21.1 (-29.5-41.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Guatemala	0 (0-0)	9.7 (-44.2-12.8)	0 (0-0)	-11.5 (-53.6--1.5)	0 (0-0)	-10.5 (-54--4.9)	0 (0-0)	-16.8 (-57.7--9.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Honduras	0 (0-0)	24.3 (24.3-24.3)	0 (0-0)	27.1 (18.9-35.7)	0 (0-0)	26.3 (25.1-28.5)	0 (0-0)	23.6 (16.6-30.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Mexico	2 (1-4)	-4.6 (-29-62)	19 (9-36)	2.1 (-22.6-72.6)	2 (1-4)	9 (-17-85.1)	1 (0-2)	5.1 (-21.8-88.9)	2 (1-4)	20 (8-40)	2 (1-5)	1 (0-2)
Aguascalientes	0 (0-0)	29.1 (-4.1-773)	0 (0-0)	34.8 (-7.6-857)	0 (0-0)	42.3 (2.7-840)	0 (0-0)	33.4 (-7.2-774)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Baja California	0 (0-0)	35.5 (5-701)	0 (0-1)	47.5 (7.6-848)	0 (0-0)	56.7 (17.7-827)	0 (0-0)	41.2 (-0.2-567)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Baja California Sur	0 (0-0)	58.9 (24.7-1030)	0 (0-0)	73.2 (26.9-1030)	0 (0-0)	83.5 (40-1160)	0 (0-0)	65.1 (18.3-1020)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Campeche	0 (0-0)	22.2 (-5.5-1130)	0 (0-0)	20.1 (-12.8-1210)	0 (0-0)	26.1 (-3.8-1160)	0 (0-0)	26.1 (-9.1-1050)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Chiapas	0 (0-0)	53.4 (15.5-781)	0 (0-1)	51.7 (7-786)	0 (0-0)	58.4 (18-806)	0 (0-0)	57.9 (12.2-776)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Chihuahua	0 (0-0)	-1.2 (-25.7-467)	0 (0-1)	5.6 (-26.1-485)	0 (0-0)	11.2 (-18.6-532)	0 (0-0)	4.3 (-26.9-405)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Coahuila	0 (0-0)	27.6 (-1.5-276)	1 (0-3)	29 (-7.5-288)	0 (0-0)	37 (4.6-305)	0 (0-0)	32.3 (-9.5-314)	0 (0-0)	2 (1-3)	0 (0-0)	0 (0-0)
Colima	0 (0-0)	20.6 (-4.9-1140)	0 (0-0)	22.3 (-9.3-1240)	0 (0-0)	29.7 (0.6-1230)	0 (0-0)	27.2 (-7.2-1090)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Durango	0 (0-0)	-1 (-22.6-408)	0 (0-0)	6.3 (-22.7-469)	0 (0-0)	11.1 (-15-472)	0 (0-0)	4.7 (-22.5-402)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Guanajuato	0 (0-1)	0.5 (-23.2-256)	2 (1-5)	10.4 (-22-291)	0 (0-1)	18.7 (-11-320)	0 (0-0)	8.7 (-26.5-278)	0 (0-1)	2 (1-5)	0 (0-1)	0 (0-0)
Guerrero	0 (0-0)	0.1 (-26.5-1030)	0 (0-1)	7.1 (-27.9-1180)	0 (0-0)	12.1 (-19.2-1160)	0 (0-0)	7.9 (-25.2-1030)	0 (0-0)	0 (0-2)	0 (0-0)	0 (0-0)
Hidalgo	0 (0-0)	3.5 (-19.8-948)	0 (0-1)	10.6 (-18.8-1070)	0 (0-0)	17.7 (-11-1070)	0 (0-0)	11.7 (-20.9-912)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Jalisco	0 (0-0)	-2.7 (-14.3-340)	1 (0-2)	2.2 (-16.9-396)	0 (0-0)	6.6 (-7.9-372)	0 (0-0)	2.1 (-16.8-309)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
México	0 (0-0)	0.5 (-10.7-343)	1 (0-4)	11.1 (-8.2-396)	0 (0-0)	16 (1.8-407)	0 (0-0)	10 (-9.4-321)	0 (0-0)	1 (0-4)	0 (0-0)	0 (0-0)
Mexico City	1 (0-1)	-31.3 (-41.5-18.1)	7 (4-11)	-20.4 (-37.1-39.8)	1 (0-1)	-16.4 (-30.2-44)	0 (0-0)	-24.3 (-41-26.3)	1 (0-1)	6 (3-9)	1 (0-1)	0 (0-0)
Michoacán de Ocampo	0 (0-0)	-0.6 (-24.4-588)	0 (0-1)	2.2 (-27.6-580)	0 (0-0)	6.1 (-20.5-623)	0 (0-0)	3.2 (-26.4-600)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Morelos	0 (0-0)	21.2 (-10.9-711)	0 (0-0)	22.8 (-14.8-760)	0 (0-0)	29.3 (-6.5-758)	0 (0-0)	26.5 (-13.7-749)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Nayarit	0 (0-0)	21.9 (-6.6-916)	0 (0-0)	20.5 (-12.7-980)	0 (0-0)	27 (-4-949)	0 (0-0)	26.1 (-10.1-884)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Nuevo León	0 (0-0)	10.4 (-11.1-432)	0 (0-1)	21.3 (-9.3-549)	0 (0-0)	27.9 (0.6-534)	0 (0-0)	18.6 (-11-463)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Oaxaca	0 (0-0)	1.1 (-24.5-702)	0 (0-1)	2.8 (-27.3-713)	0 (0-0)	8.4 (-20.6-764)	0 (0-0)	5.9 (-25.9-661)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Puebla	0 (0-0)	4.8 (-18.5-920)	1 (0-2)	10.8 (-18.9-1050)	0 (0-0)	17.7 (-10.5-1030)	0 (0-0)	13.4 (-18-858)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Querétaro	0 (0-0)	38 (0.4-874)	0 (0-0)	42 (-3.4-968)	0 (0-0)	49.8 (6.5-926)	0 (0-0)	42.5 (-4-843)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Quintana Roo	0 (0-0)	79.6 (34.9-1690)	0 (0-0)	83.2 (28.4-1880)	0 (0-0)	92.1 (41.6-1820)	0 (0-0)	86.7 (31.3-1620)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
San Luis Potosí	0 (0-0)	-1.2 (-25.1-581)	0 (0-1)	2.8 (-27.2-629)	0 (0-0)	9.4 (-19.3-643)	0 (0-0)	3.8 (-27.4-615)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Sinaloa	0 (0-0)	-7.8 (-28.4-323)	0 (0-1)	-4.5 (-31.3-366)	0 (0-0)	0 (-24.1-366)	0 (0-0)	-5.4 (-30.8-289)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Sonora	0 (0-0)	7.4 (-17.2-653)	0 (0-1)	17 (-15.7-675)	0 (0-0)	23 (-8.2-733)	0 (0-0)	12.6 (-18.5-676)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Tabasco	0 (0-0)	15.7 (-13.2-228)	1 (0-3)	17.4 (-18.2-230)	0 (0-0)	23.9 (-8-253)	0 (0-0)	21.5 (-16.4-227)	0 (0-0)	2 (1-3)	0 (0-0)	0 (0-0)
Tamaulipas	0 (0-0)	-3 (-25.6-389)	0 (0-1)	10.9 (-20.7-470)	0 (0-0)	18 (-12.3-498)	0 (0-0)	6.6 (-23.5-418)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Tlaxcala	0 (0-0)	16.8 (-10.8-1070)	0 (0-0)	22.1 (-11.6-1320)	0 (0-0)	29.9 (-2.8-1180)	0 (0-0)	23.7 (-14.2-957)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Veracruz de Ignacio de la Llave	0 (0-0)	-9.9 (-29.7-438)	1 (0-2)	-5.8 (-31.9-474)	0 (0-0)	-1.4 (-25-496)	0 (0-0)	-7.2 (-31.7-421)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Yucatán	0 (0-0)	9.3 (-13.6-686)	0 (0-0)	11.3 (-18.2-648)	0 (0-0)	17 (-9.5-715)	0 (0-0)	12 (-17.8-677)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Zacatecas	0 (0-0)	1.5 (-21-421)	0 (0-0)	3 (-25-521)	0 (0-0)	8.8 (-16.6-463)	0 (0-0)	7.4 (-23.3-368)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Nicaragua	0 (0-0)	1 (0.9-1.5)	0 (0-0)	2.6 (-4.9-10.4)	0 (0-0)	2.2 (1.3-3.9)	0 (0-0)	1.5 (-4.5-7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Panama	0 (0-0)	22.9 (22.9-22.9)	0 (0-0)	27.3 (19.7-34.9)	0 (0-0)	26.9 (25.9-28)	0 (0-0)	23.6 (16-32.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Venezuela (Bolivarian Republic of)	1 (0-1)	-17 (-38.5-3.9)	4 (3-6)	-17.5 (-36.4-3.7)	1 (0-1)	-17.9 (-38.7-2.4)	0 (0-1)	-18.8 (-39.6-0.3)	1 (0-1)	3 (2-5)	1 (0-1)	0 (0-0)
Tropical Latin America	74 (61-92)	4.7 (-1.3-10.4)	2,520 (2,080-3,100)	30.6 (23.2-37.7)	46 (37-56)	64.9 (55.1-74.9)	5 (3-7)	18.9 (11.5-26)	78 (62-100)	3,290 (2,620-4,220)	75 (59-96)	6 (4-9)
Brazil	69 (57-85)	5 (-1.3-11.2)	2,390 (1,980-2,930)	30.9 (23-38.6)	42 (35-52)	67.4 (56.6-78.2)	4 (3-6)	22.1 (13.5-31.1)	72 (58-92)	3,130 (2,500-4,000)	71 (56-90)	5 (3-8)
Acre	0 (0-0)	27 (6.5-45.1)	8 (5-12)	62 (36.4-83.6)	0 (0-0)	90.1 (62.1-119)	0 (0-0)	37.7 (14.6-60.8)	0 (0-1)	13 (8-20)	0 (0-0)	0 (0-0)
Alagoas	1 (0-1)	38.1 (-12.7-145)	14 (9-20)	78.5 (11.7-211)	0 (0-0)	119 (35.3-289)	0 (0-0)	66 (2.4-196)	1 (0-1)	25 (16-39)	1 (0-1)	0 (0-0)
Amapá	0 (0-0)	95.8 (39.7-2740)	0 (0-0)	133 (63.4-3050)	0 (0-0)	194 (99.3-4280)	0 (0-0)	106 (34-3260)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Amazonas	3 (2-4)	43.7 (31.4-59.2)	98 (81-122)	72.3 (58.5-89.7)	1 (1-2)	118 (96.4-144)	0 (0-0)	56.1 (37.2-79.4)	4 (3-5)	169 (136-212)	3 (3-4)	0 (0-0)
Bahia	10 (8-11)	0.8 (-7.5-10.7)	270 (225-323)	25.7 (15.3-37.8)	5 (4-6)	61.9 (47.3-78.5)	1 (0-1)	23 (7.8-39.8)	10 (8-12)	339 (279-415)	7 (6-9)	1 (0-1)
Ceará	2 (1-3)	25.5 (-0.8-70.5)	50 (37-68)	49 (17.8-102)	1 (1-1)	85 (45.3-152)	0 (0-0)	45 (10.1-106)	2 (2-3)	75 (53-102)	2 (1-2)	0 (0-0)
Distrito Federal	4 (3-4)	-8.3 (-15.9--1.4)	130 (109-153)	30 (19.5-40.2)	2 (2-3)	78.9 (62.2-96.4)	0 (0-0)	4.4 (-8.2-19.1)	3 (3-4)	169 (141-200)	4 (3-5)	0 (0-0)
Espírito Santo	1 (1-1)	-11 (-31.5-8.8)	26 (19-36)	13 (-12.3-38.2)	0 (0-1)	46.5 (12.2-80.6)	0 (0-0)	2.3 (-24.2-31.2)	1 (0-1)	29 (20-44)	1 (0-1)	0 (0-0)
Goiás	3 (2-3)	-3.5 (-12-5.8)	97 (80-118)	28.8 (17.4-40.4)	2 (1-2)	69.6 (53.2-88.8)	0 (0-0)	8.1 (-6.2-23.7)	3 (2-3)	125 (100-157)	3 (2-4)	0 (0-0)
Maranhão	2 (2-3)	26.9 (9.5-50.8)	51 (39-68)	62.3 (40.9-91.5)	1 (1-1)	89.8 (63.6-128)	0 (0-0)	62.3 (37.4-92.9)	3 (2-4)	83 (61-112)	2 (1-2)	0 (0-0)
Mato Grosso	1 (1-1)	27 (12.4-45.5)	27 (21-37)	58 (39.8-81.6)	0 (0-1)	108 (82.4-137)	0 (0-0)	40.4 (20.3-63.2)	1 (1-1)	43 (31-60)	1 (1-1)	0 (0-0)
Mato Grosso do Sul	1 (1-1)	-0.8 (-13.1-9.3)	38 (29-51)	23 (8.2-35.1)	1 (0-1)	60.9 (41.3-79)	0 (0-0)	10.3 (-5.6-26)	1 (1-1)	47 (34-66)	1 (1-1)	0 (0-0)
Minas Gerais	8 (6-9)	-9.2 (-19.3-0.8)	294 (244-352)	15.9 (3.5-27.7)	5 (4-6)	54.5 (37.6-73.3)	0 (0-1)	1.4 (-13.1-16.8)	7 (6-9)	341 (276-427)	8 (6-10)	0 (0-1)
Pará	2 (2-3)	37.3 (26.7-48.8)	72 (56-93)	65.4 (51.4-80.3)	1 (1-2)	102 (83.3-122)	0 (0-0)	52.7 (34.4-74.3)	3 (2-4)	119 (91-153)	2 (2-3)	0 (0-0)
Paraíba	1 (1-2)	34.3 (9.7-64.7)	30 (22-42)	58.3 (29.1-95.1)	1 (0-1)	100 (64.8-146)	0 (0-0)	60.7 (29.4-102)	1 (1-2)	47 (32-69)	1 (1-1)	0 (0-0)
Paraná	3 (2-4)	-5.1 (-13.1-2.1)	109 (85-139)	19.7 (10.6-29.2)	2 (2-2)	59.4 (44.7-73.7)	0 (0-0)	3.1 (-11.4-16.9)	3 (2-3)	130 (102-169)	3 (2-4)	0 (0-0)
Pernambuco	2 (2-3)	25 (-1.7-71.1)	56 (41-80)	62.3 (27.1-123)	1 (1-1)	102 (58.4-176)	0 (0-0)	52.2 (19.7-112)	3 (2-4)	90 (64-134)	2 (1-3)	0 (0-0)
Piauí	2 (2-3)	13.5 (3-22.4)	53 (42-70)	38.3 (24.6-49.4)	1 (1-1)	72.5 (55.3-89.2)	0 (0-0)	38.9 (21.4-57.1)	2 (2-3)	74 (57-96)	2 (1-2)	0 (0-0)
Rio de Janeiro	5 (4-6)	-5.6 (-14.3-5.1)	197 (160-240)	17.3 (7-29.1)	4 (3-5)	43.5 (29.7-59)	0 (0-0)	4.4 (-10-23.3)	5 (4-6)	231 (184-295)	6 (4-7)	0 (0-0)
Rio Grande do Norte	1 (0-1)	23.8 (-10-90.5)	19 (13-28)	57.5 (14.6-141)	0 (0-0)	105 (47.6-213)	0 (0-0)	47.6 (7.7-131)	1 (1-1)	30 (20-45)	1 (0-1)	0 (0-0)
Rio Grande do Sul	4 (3-4)	2 (-8.9-14.9)	155 (122-200)	25.3 (12.2-41.2)	3 (2-4)	58.6 (40.1-78.5)	0 (0-0)	10.5 (-4.7-29.4)	4 (3-5)	195 (146-259)	5 (4-6)	0 (0-0)
Rondônia	0 (0-1)	0.3 (-9.8-12.2)	18 (12-25)	27.4 (14.5-44.1)	0 (0-0)	71.9 (52.5-99.1)	0 (0-0)	10 (-4.7-27.8)	0 (0-1)	23 (15-32)	1 (0-1)	0 (0-0)
Roraima	0 (0-0)	58.8 (-32.9-493)	0 (0-1)	101 (-15.4-651)	0 (0-0)	158 (7.5-857)	0 (0-0)	92.5 (-21.3-590)	0 (0-0)	1 (0-2)	0 (0-0)	0 (0-0)
Santa Catarina	1 (1-2)	26.1 (11-41.9)	52 (40-69)	53.1 (35.7-73.4)	1 (1-1)	104 (78.3-136)	0 (0-0)	37.4 (17-63.9)	2 (1-2)	79 (56-108)	2 (1-3)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
São Paulo	12 (10-14)	-6.5 (-15.7-3.3)	484 (403-580)	21.2 (9.3-32.9)	9 (7-11)	56 (40.1-73.5)	1 (0-1)	5.7 (-7.7-22.7)	11 (9-14)	587 (481-732)	14 (11-17)	1 (0-1)
Sergipe	1 (1-1)	22.9 (10.8-37)	25 (18-35)	55.5 (40.2-71.4)	0 (0-1)	101 (79.9-125)	0 (0-0)	40 (21.8-61)	1 (1-1)	39 (27-54)	1 (1-1)	0 (0-0)
Tocantins	1 (1-1)	14.2 (2.6-25.3)	21 (15-28)	54.9 (40-71)	0 (0-0)	95.5 (73.8-118)	0 (0-0)	35.5 (19.1-53.2)	1 (1-1)	32 (23-43)	1 (0-1)	0 (0-0)
Paraguay	5 (4-7)	-0.1 (-9.1-8.7)	130 (96-172)	24.5 (14.6-35.6)	3 (2-4)	31.7 (18.5-45.3)	1 (0-1)	0.4 (-13-15.5)	5 (4-7)	162 (119-218)	4 (3-6)	1 (0-1)
North Africa and Middle East	4,140 (3,060-5,570)	-6.2 (-9.6--2.1)	24,100 (18,500-31,000)	11.8 (6.9-17.2)	3,530 (2,580-4,850)	7.9 (3.6-13.2)	2,440 (1,680-3,500)	1.4 (-3-6.7)	3,880 (2,870-5,260)	26,900 (20,800-34,600)	3,810 (2,790-5,170)	2,480 (1,700-3,550)
North Africa and Middle East	4,140 (3,060-5,570)	-6.2 (-9.6--2.1)	24,100 (18,500-31,000)	11.8 (6.9-17.2)	3,530 (2,580-4,850)	7.9 (3.6-13.2)	2,440 (1,680-3,500)	1.4 (-3-6.7)	3,880 (2,870-5,260)	26,900 (20,800-34,600)	3,810 (2,790-5,170)	2,480 (1,700-3,550)
Afghanistan	264 (170-405)	70.9 (51.1-91.4)	937 (653-1,320)	84.9 (66.9-105)	209 (133-325)	80.5 (58-104)	171 (106-269)	79.2 (55.2-103)	451 (288-674)	1,730 (1,220-2,420)	378 (239-578)	306 (187-484)
Algeria	69 (49-92)	22.5 (11.8-34.5)	397 (298-510)	19.7 (8.1-31.4)	64 (46-86)	25 (12.5-38)	43 (29-61)	31 (15.5-50.2)	84 (61-116)	475 (360-609)	80 (57-110)	57 (38-81)
Bahrain	11 (8-16)	-8.1 (-19.3-3.2)	83 (60-109)	25.1 (12.8-38.5)	11 (7-16)	17 (2.7-31.8)	7 (4-11)	-0.1 (-15.4-16.9)	10 (7-15)	104 (77-136)	13 (9-18)	7 (4-11)
Egypt	313 (240-407)	6.8 (-3.6-17.9)	1,500 (1,170-1,890)	32.9 (20.8-46.3)	267 (203-349)	29.7 (16.7-43.2)	199 (143-267)	22.9 (8.9-38)	334 (258-427)	2,000 (1,570-2,500)	346 (267-443)	244 (179-325)
Iran (Islamic Republic of)	172 (114-259)	-12.2 (-14.8--9.3)	1,120 (806-1,530)	-5.7 (-8.3--3.2)	167 (110-251)	-2 (-5.6-1.7)	104 (63-171)	1.7 (-2.2-6.2)	151 (99-229)	1,050 (759-1,450)	164 (107-250)	106 (64-174)
Alborz	5 (3-8)	-6.3 (-16.1-6.3)	30 (22-42)	5.6 (-4.7-17.9)	4 (3-6)	9.6 (-2.8-25.6)	2 (1-4)	13 (-3.5-34)	5 (3-7)	32 (23-44)	4 (3-7)	3 (1-4)
Ardebil	3 (2-4)	-32.8 (-41.7--23.2)	16 (11-22)	-28.2 (-36.4--19.9)	3 (2-4)	-25.7 (-35.6--15)	2 (1-3)	-23.5 (-35.2--10.4)	2 (1-3)	12 (8-16)	2 (1-3)	1 (1-2)
Bushehr	4 (2-6)	4.6 (-7.9-20)	23 (17-32)	20.8 (8.4-34.5)	3 (2-5)	23.3 (8-41.5)	2 (1-4)	21.3 (3.2-43.8)	4 (2-6)	28 (20-38)	4 (3-6)	3 (2-4)
Chahar Mahaal and Bakhtiari	4 (2-6)	-15.7 (-26.7--3.1)	23 (17-31)	-10.3 (-19.9-0.7)	4 (2-5)	-6.9 (-19.2-6.5)	2 (1-4)	-3.9 (-18.5-13.2)	3 (2-4)	21 (15-28)	3 (2-5)	2 (1-3)
East Azarbaijejan	8 (5-12)	-23.6 (-31.1--12.7)	43 (30-59)	-10.8 (-19.9--0.2)	7 (5-11)	-5.8 (-15.3-6.7)	5 (3-8)	-4 (-16-11.7)	6 (4-9)	38 (27-53)	7 (4-10)	4 (3-7)
Fars	14 (9-21)	-16.8 (-25.8--6.9)	101 (71-139)	-15.1 (-24.2--6.2)	15 (10-22)	-11.6 (-21.6--0.3)	9 (5-14)	-5.4 (-17.7-8.9)	12 (8-18)	86 (60-120)	13 (9-20)	8 (5-14)
Gilan	3 (2-5)	-33.1 (-40.8--24.3)	28 (20-39)	-28.6 (-36.3--20.9)	4 (2-5)	-27 (-35.3--17.3)	2 (1-3)	-25.9 (-36.5--13.3)	2 (1-3)	20 (14-28)	3 (2-4)	1 (1-2)
Golestan	4 (2-6)	-12.1 (-24-0.3)	22 (16-30)	-2.1 (-12.8-9.9)	4 (2-5)	1.9 (-12.7-15)	2 (1-4)	3.9 (-14.2-22.1)	3 (2-5)	21 (15-30)	4 (2-6)	2 (1-4)
Hamadan	4 (3-7)	-35.6 (-42.8--27.8)	28 (20-39)	-30.9 (-38.2--23.5)	5 (3-7)	-28.3 (-36.5--19.1)	3 (2-5)	-25.5 (-36.6--13.3)	3 (2-4)	20 (14-27)	3 (2-5)	2 (1-4)
Hormozgan	4 (2-6)	20.2 (4.9-37.2)	21 (15-29)	29.7 (17-44.3)	3 (2-5)	33.3 (17-53.3)	2 (1-4)	36.2 (16.4-62.1)	4 (3-6)	27 (19-37)	5 (3-7)	3 (2-5)
Ilam	2 (1-2)	-34.8 (-41.6--26.2)	10 (7-14)	-27.3 (-34.3--18.8)	2 (1-2)	-26.1 (-34.2--15.9)	1 (1-2)	-24.8 (-34.6--12.6)	1 (1-2)	7 (5-10)	1 (1-2)	1 (0-1)
Isfahan	11 (7-17)	-22 (-32.1--9.5)	87 (62-118)	-12.6 (-21.5--2.7)	12 (8-18)	-11.1 (-22-3.3)	7 (4-12)	-11.2 (-24.7-6.6)	9 (6-13)	76 (54-102)	11 (7-16)	6 (4-10)
Kerman	5 (3-8)	11.5 (-1.6-25.8)	36 (26-51)	15.7 (4.2-29.1)	5 (4-8)	20.9 (7-37.5)	3 (2-6)	26.9 (9.8-47.3)	6 (4-9)	42 (30-58)	7 (4-10)	4 (3-7)
Kermanshah	5 (3-8)	-26.8 (-35.5--17.3)	33 (23-45)	-27.3 (-35.3--19)	5 (3-8)	-23.7 (-34.1--13.5)	3 (2-5)	-17.3 (-29.5--4.2)	4 (2-5)	24 (17-33)	4 (2-6)	2 (1-4)
Khorasan-e-Razavi	14 (9-21)	-6.4 (-17.3-8.1)	73 (51-102)	2.2 (-7.9-14.3)	13 (8-19)	6.1 (-5.7-24)	9 (5-14)	9.4 (-5.3-29.6)	13 (8-19)	74 (53-104)	13 (9-21)	9 (6-15)
Khuzestan	19 (12-29)	-11.9 (-23.4-1.9)	121 (86-167)	-6.7 (-17.3-4.5)	18 (12-28)	-2.9 (-15.5-12.4)	12 (7-19)	2 (-14.2-20.7)	17 (11-25)	113 (81-155)	18 (11-27)	12 (7-19)
Kohgiluyeh and Boyer-Ahmad	4 (3-6)	-14.3 (-26.3--2.5)	22 (15-29)	-8.2 (-19.2-2.8)	3 (2-5)	-5.4 (-18.3-8.2)	2 (1-4)	-1.8 (-18.5-15.4)	3 (2-5)	20 (14-28)	3 (2-5)	2 (1-4)
Kurdistan	4 (2-6)	-18 (-27.2--5.7)	22 (15-30)	-16.7 (-24.9--6.3)	4 (2-6)	-13.7 (-23.5--0.7)	3 (2-4)	-9.2 (-21.4-7)	3 (2-5)	18 (13-25)	3 (2-5)	2 (1-4)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Lorestan	5 (4-8)	-32.6 (-40.1--24.3)	35 (25-48)	-27.7 (-35.6--19.7)	5 (3-8)	-25.6 (-34.2--16.9)	3 (2-6)	-23.7 (-35--12)	4 (2-5)	25 (18-35)	4 (3-6)	3 (2-4)
Markazi	3 (2-4)	-27.1 (-36.6--16)	21 (15-29)	-23.7 (-31.5--15.1)	3 (2-5)	-21.4 (-31.6--9.8)	2 (1-3)	-17.4 (-30.2--1.6)	2 (1-3)	16 (12-22)	2 (2-4)	1 (1-2)
Mazandaran	4 (3-7)	-25.1 (-33.5--14.7)	36 (26-48)	-17.3 (-25.1--8.2)	5 (3-7)	-15.6 (-25.5--4.7)	3 (1-4)	-14.9 (-27.7--1.5)	3 (2-5)	30 (21-41)	4 (3-6)	2 (1-4)
North Khorasan	2 (2-4)	-36.1 (-45.2--26.8)	12 (8-16)	-20.7 (-29.9--10.2)	2 (1-3)	-21 (-32.3--9.2)	2 (1-3)	-23.6 (-35.3--10.4)	2 (1-2)	9 (6-13)	2 (1-3)	1 (1-2)
Qazvin	2 (1-3)	-12.9 (-23.4--0.7)	15 (11-20)	-11.8 (-21--0.8)	2 (1-3)	-7.5 (-19.3-5.6)	1 (1-2)	-2.2 (-15.7-13.7)	2 (1-3)	13 (9-18)	2 (1-3)	1 (1-2)
Qom	2 (1-3)	11.8 (-2.3-28.1)	15 (11-21)	16.4 (4.4-29)	2 (1-3)	21 (5.9-38.9)	1 (1-2)	26.2 (5.8-48.4)	2 (1-4)	18 (12-25)	3 (2-4)	2 (1-3)
Semnan	1 (1-1)	11.6 (-2.5-27.6)	7 (5-10)	8.3 (-4.2-21.3)	1 (1-1)	12.3 (-1.7-28.3)	1 (0-1)	19.4 (0.7-40.8)	1 (1-1)	8 (5-10)	1 (1-2)	1 (0-1)
Sistan and Baluchistan	9 (6-14)	11.6 (-0.7-23.7)	39 (27-55)	28.5 (15-42.6)	7 (5-12)	31.2 (16.7-45.8)	6 (3-9)	32.3 (15.7-50.5)	10 (6-15)	50 (35-70)	10 (6-15)	7 (5-12)
South Khorasan	2 (1-3)	-8 (-17.9-5.6)	9 (6-12)	4.7 (-5.8-16.8)	2 (1-3)	5.8 (-5.4-21.6)	1 (1-2)	6.1 (-7.4-24.9)	2 (1-2)	9 (7-13)	2 (1-3)	1 (1-2)
Tehran	16 (10-23)	-5 (-15.8-6.3)	126 (90-172)	3.9 (-6.4-14.2)	15 (10-22)	9.5 (-2.5-22.4)	7 (4-12)	15.2 (-2.7-39.7)	15 (10-23)	131 (93-177)	16 (10-24)	8 (5-15)
West Azarbayejan	6 (4-10)	0.5 (-10.7-15.2)	36 (26-50)	8 (-2.9-20.4)	6 (4-9)	13.5 (0.3-30.1)	4 (2-7)	18.8 (3-39.8)	6 (4-10)	39 (27-54)	7 (4-11)	5 (3-8)
Yazd	2 (1-3)	2 (-11.8-15.4)	15 (11-20)	12.8 (0.9-26.2)	2 (1-3)	17.9 (2.3-32.7)	1 (1-2)	21.7 (2.3-43.7)	2 (1-3)	17 (12-23)	2 (2-4)	1 (1-2)
Zanjan	2 (1-3)	-23.2 (-34.4--12.3)	13 (9-18)	-19.1 (-28.4--8.9)	2 (1-3)	-15.2 (-27.2--3.5)	1 (1-2)	-11.4 (-25.1-3.1)	2 (1-3)	10 (7-14)	2 (1-3)	1 (1-2)
Iraq	1,080 (802-1,450)	-0.7 (-11.7-12.4)	7,240 (5,530-9,230)	23 (11.2-36.5)	872 (633-1,210)	14.7 (0.8-30.7)	567 (387-830)	2.3 (-11.6-19.6)	1,070 (783-1,430)	8,900 (6,840-11,400)	1,000 (732-1,350)	580 (385-844)
Jordan	33 (22-50)	78.2 (57-105)	217 (157-298)	111 (90.9-136)	29 (19-45)	101 (75.6-132)	19 (11-32)	84.6 (57.5-119)	59 (38-90)	459 (332-621)	58 (37-88)	34 (20-58)
Kuwait	12 (8-18)	50.3 (30-71.4)	97 (70-132)	80 (60.7-100)	11 (7-17)	73.6 (50.2-99.1)	6 (3-10)	53.9 (27.3-82.6)	18 (12-27)	174 (126-236)	19 (13-28)	10 (5-16)
Lebanon	11 (7-16)	5.6 (-5.4-19.7)	71 (53-95)	24.5 (12.1-37.3)	8 (5-12)	24.1 (10.5-41.7)	5 (3-8)	19.9 (3.2-41)	11 (8-16)	89 (64-118)	10 (7-15)	6 (3-9)
Libya	791 (544-1,130)	-37 (-43.8--28.2)	5,540 (4,070-7,340)	-17.4 (-26.1--6.9)	755 (512-1,090)	-24.3 (-32.9--13.1)	497 (313-767)	-33.8 (-42.9--22.2)	498 (343-705)	4,580 (3,380-6,070)	572 (398-795)	329 (208-498)
Morocco	123 (90-163)	-31.1 (-38.4--23.5)	591 (444-755)	-11.4 (-20.5--2.5)	103 (74-138)	-15.4 (-24.5--5.8)	76 (52-107)	-20.9 (-30.6--9.9)	85 (61-113)	523 (395-666)	87 (63-117)	60 (41-83)
Oman	104 (74-140)	25 (9.1-39.4)	627 (477-798)	53.2 (38.7-70.6)	93 (65-126)	53.2 (33.9-72.6)	59 (38-87)	52.3 (29.1-74.6)	130 (91-176)	960 (725-1,220)	142 (99-193)	90 (57-130)
Palestine	26 (17-40)	-2.2 (-14.3-12)	134 (95-184)	28 (14-47.1)	20 (13-32)	20.6 (4.8-40.3)	15 (9-24)	10.1 (-6.2-31.3)	26 (17-39)	171 (123-232)	25 (16-38)	16 (10-27)
Qatar	4 (2-5)	145 (115-182)	32 (23-44)	281 (240-323)	3 (2-5)	257 (211-314)	2 (1-3)	194 (149-257)	9 (6-13)	123 (90-166)	12 (8-19)	6 (3-10)
Saudi Arabia	126 (93-167)	-12.3 (-20.5--3.9)	864 (659-1,100)	8.5 (-2.9-19.9)	120 (88-161)	0.2 (-10.1-11.3)	78 (52-112)	-12.1 (-22.6--0.5)	110 (81-144)	937 (716-1,200)	121 (89-156)	68 (45-95)
Sudan	524 (413-700)	-6.6 (-15.4-3)	1,850 (1,480-2,360)	23.1 (10-35.8)	375 (291-504)	16.3 (5.1-29.2)	302 (224-417)	9.9 (-0.7-23.7)	489 (381-641)	2,270 (1,790-2,860)	436 (337-576)	332 (249-449)
Syrian Arab Republic	112 (83-150)	-60.1 (-63.8--54.9)	636 (485-819)	-50 (-54.9--44.6)	100 (73-136)	-55 (-59.7--49)	70 (48-100)	-59.4 (-64.2--53.4)	45 (33-59)	318 (241-406)	45 (34-59)	28 (19-40)
Tunisia	45 (31-63)	-24.2 (-33.3--14.6)	282 (212-367)	-12.4 (-20.9--3)	41 (29-58)	-11.7 (-22.1--0.8)	27 (17-41)	-13.7 (-26.2-0.7)	34 (24-47)	247 (183-318)	36 (26-50)	23 (15-34)
Türkiye	189 (144-253)	-35.3 (-42.4--27.8)	1,340 (1,070-1,640)	-18.1 (-25.1--10.1)	174 (131-236)	-26.2 (-34.3--17.5)	118 (83-167)	-34.1 (-43.4--23.5)	122 (92-166)	1,100 (875-1,360)	129 (97-173)	78 (54-114)
United Arab Emirates	2 (1-3)	-3.1 (-12.3-9.1)	17 (13-23)	78.8 (62-97.2)	2 (1-3)	82 (64.8-104)	1 (1-1)	67.9 (46.7-95.4)	2 (1-2)	31 (23-41)	3 (2-5)	2 (1-2)
Yemen	130 (97-172)	7.8 (-1.1-19.2)	479 (369-615)	37.4 (23.8-50.8)	97 (72-130)	31.4 (19.5-45.5)	78 (55-106)	23.4 (10.6-38.1)	140 (104-187)	659 (506-858)	128 (95-172)	96 (68-135)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
South Asia	4,720 (3,040-7,100)	-11.7 (-14.3--9.3)	17,700 (11,700-26,000)	-4 (-6.9--1.3)	4,480 (2,890-6,760)	-3.5 (-6.3--0.9)	3,300 (2,040-5,170)	-6.4 (-9.7--3.4)	4,160 (2,680-6,250)	17,000 (11,300-24,800)	4,320 (2,780-6,460)	3,090 (1,920-4,850)
South Asia	4,720 (3,040-7,100)	-11.7 (-14.3--9.3)	17,700 (11,700-26,000)	-4 (-6.9--1.3)	4,480 (2,890-6,760)	-3.5 (-6.3--0.9)	3,300 (2,040-5,170)	-6.4 (-9.7--3.4)	4,160 (2,680-6,250)	17,000 (11,300-24,800)	4,320 (2,780-6,460)	3,090 (1,920-4,850)
Bangladesh	34 (22-52)	-24.9 (-33.2--16.2)	115 (75-176)	-21.1 (-30.3--10.7)	34 (22-52)	-20.8 (-29.7--11.3)	27 (17-42)	-22.8 (-31.6--13.1)	26 (16-39)	91 (58-138)	27 (17-41)	21 (13-32)
Bhutan	0 (0-0)	-32.1 (-40.7--23.7)	1 (0-1)	-25.4 (-35.2--15.5)	0 (0-0)	-25 (-34.4--15.7)	0 (0-0)	-26.1 (-36.1--15.4)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
India	4,630 (2,980-6,970)	-11.8 (-14.5--9.4)	17,500 (11,500-25,600)	-4.1 (-6.9--1.4)	4,410 (2,840-6,640)	-3.6 (-6.5--0.9)	3,240 (2,000-5,070)	-6.4 (-9.8--3.4)	4,090 (2,620-6,130)	16,800 (11,100-24,400)	4,250 (2,720-6,340)	3,030 (1,880-4,750)
Nepal	8 (5-12)	-24.7 (-33.8--14.5)	25 (16-38)	-17.3 (-27--4.4)	7 (5-11)	-17.2 (-27.1--5.5)	6 (4-9)	-19.9 (-29.9--8.3)	6 (4-9)	20 (13-31)	6 (4-9)	5 (3-7)
Pakistan	42 (25-67)	10.8 (-2.1-24.5)	125 (79-191)	23.5 (10.1-38.7)	34 (20-55)	23.7 (9.9-40.1)	28 (16-45)	17.8 (5.1-34.4)	47 (30-73)	155 (100-238)	42 (27-66)	33 (20-52)
Azad Jammu & Kashmir	1 (0-1)	-12.8 (-31.4--2.9)	2 (1-4)	-4.9 (-22.1-9)	1 (0-1)	-4.4 (-25-7.3)	1 (0-1)	-7.6 (-28.9-4.5)	1 (0-1)	2 (1-3)	1 (0-1)	0 (0-1)
Balochistan	2 (1-3)	85.1 (55.1-126)	6 (4-10)	94.3 (59.2-135)	2 (1-3)	95.3 (61.9-139)	1 (1-2)	91.4 (56.9-135)	4 (2-6)	12 (7-19)	3 (2-5)	3 (1-4)
Gilgit-Baltistan	0 (0-1)	84.1 (50.1-118)	1 (1-2)	95.1 (61.6-129)	0 (0-0)	95.7 (58.8-130)	0 (0-0)	91.8 (53.7-126)	1 (0-1)	2 (1-3)	1 (0-1)	0 (0-1)
Islamabad Capital Territory	0 (0-0)	91.2 (45.7-167)	1 (0-1)	112 (67.5-179)	0 (0-0)	114 (64-199)	0 (0-0)	106 (51-198)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Khyber Pakhtunkhwa	6 (3-9)	58.3 (19.7-89.4)	19 (12-30)	64.6 (27.1-100)	5 (3-8)	65.3 (25.2-97.5)	4 (2-6)	61.7 (19.7-98)	9 (5-14)	32 (19-49)	8 (5-13)	6 (3-10)
Punjab	23 (13-38)	-7 (-20.8-11.6)	67 (41-102)	5 (-11.1-27.9)	19 (11-30)	5.9 (-10.7-28.4)	16 (9-25)	0 (-16.4-22.9)	22 (14-33)	71 (45-109)	20 (13-30)	16 (10-24)
Sindh	10 (6-16)	7.1 (-8.6-23.6)	29 (17-45)	21.6 (2.5-42.3)	8 (4-13)	23.4 (4.7-42.8)	7 (3-11)	17.1 (-1.1-36.1)	11 (6-17)	35 (20-54)	10 (6-15)	8 (4-12)
Southeast Asia, East Asia, and Oceania	29 (21-38)	-12.1 (-15.4--5.9)	127 (94-170)	-7.5 (-11--0.4)	28 (20-36)	-6.1 (-9.5-1.1)	19 (13-25)	-7.6 (-11.2--0.3)	25 (19-33)	118 (87-158)	26 (19-33)	17 (12-23)
East Asia	2 (0-5)	-11.3 (-15.1--9.9)	11 (1-24)	-12.1 (-16.4--9.7)	2 (0-5)	-9.6 (-14.1--6.8)	1 (0-3)	-10.4 (-15.5--7.5)	2 (0-4)	10 (1-22)	2 (0-4)	1 (0-2)
China	2 (0-4)	-10.1 (-14.3--9.7)	11 (1-24)	-11.1 (-15.8--8.9)	2 (0-4)	-8.7 (-13.7--5.7)	1 (0-3)	-9.5 (-15--6.4)	2 (0-4)	9 (1-21)	2 (0-4)	1 (0-2)
Democratic People's Republic of Korea	0 (0-0)	-44.2 (-44.2--44.2)	0 (0-1)	-34.8 (-39.3--30)	0 (0-0)	-34.8 (-36.5--32.1)	0 (0-0)	-38.8 (-42--35.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Taiwan (Province of China)	0 (0-0)	-43 (-43.3--42.9)	0 (0-0)	-35.3 (-40.9--29.2)	0 (0-0)	-34.9 (-36.1--33.3)	0 (0-0)	-35.3 (-40.8--29.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Oceania	0 (0-0)	50.3 (34.8-52.5)	0 (0-0)	49.2 (29.2-56.5)	0 (0-0)	54.6 (42-56.5)	0 (0-0)	56.9 (49.1-61.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
American Samoa	0 (0-0)	-37.8 (-38--37.6)	0 (0-0)	-31.4 (-36.5--26)	0 (0-0)	-31.6 (-34.4--28.3)	0 (0-0)	-38.8 (-42.4--34)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Cook Islands	0 (0-0)	-35.9 (-35.9--35.9)	0 (0-0)	-31.5 (-36.7--26)	0 (0-0)	-31.2 (-33.4--29.1)	0 (0-0)	-37.5 (-42.3--32.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Fiji	0 (0-0)	-6.7 (-6.7--6.7)	0 (0-0)	-0.5 (-7.5-5.8)	0 (0-0)	0.5 (-0.3-1.1)	0 (0-0)	-0.3 (-5.2-5.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Guam	0 (0-0)	-9.4 (-9.4--9.4)	0 (0-0)	-8.4 (-14.1--2.5)	0 (0-0)	-8.7 (-10--7.1)	0 (0-0)	-12.6 (-18.8--6.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Kiribati	0 (0-0)	18.4 (18.4-18.4)	0 (0-0)	22.1 (14.5-29.7)	0 (0-0)	22.4 (21.9-22.9)	0 (0-0)	21.8 (17.6-26.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Marshall Islands	0 (0-0)	-19.9 (-19.9--19.9)	0 (0-0)	-15.8 (-21.8--9.4)	0 (0-0)	-15.6 (-16--15.2)	0 (0-0)	-16 (-20.5--11.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Micronesia (Federated States of)	0 (0-0)	-36.2 (-36.2--36.2)	0 (0-0)	-34.6 (-39--29.4)	0 (0-0)	-34.7 (-35.5--33.5)	0 (0-0)	-36.4 (-39.5--33.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Nauru	0 (0-0)	-27.5 (-27.5--27.5)	0 (0-0)	-17.7 (-22.7--12.6)	0 (0-0)	-16.3 (-17.9--14.6)	0 (0-0)	-20 (-23.7--16.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Niue	0 (0-0)	-37.2 (-63.5--33.7)	0 (0-0)	-35.6 (-65.9--26.3)	0 (0-0)	-35 (-62.5--30.4)	0 (0-0)	-35.8 (-59.6--28.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Northern Mariana Islands	0 (0-0)	-81 (-81--81)	0 (0-0)	-68.5 (-71.8--64.8)	0 (0-0)	-67.5 (-69.7--64.4)	0 (0-0)	-73.6 (-75.9--71.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Palau	0 (0-0)	-54.8 (-54.8--54.8)	0 (0-0)	-44.1 (-48.4--39.4)	0 (0-0)	-43.2 (-45.5--40.7)	0 (0-0)	-49.6 (-52.3--46.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Papua New Guinea	0 (0-0)	68.7 (68.7-68.7)	0 (0-0)	72.4 (62.2-82.3)	0 (0-0)	72.9 (71.7-74.3)	0 (0-0)	73.4 (67.5-80)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Samoa	0 (0-0)	32.2 (32.2-32.2)	0 (0-0)	15 (6.9-24.2)	0 (0-0)	14.4 (12.9-16.5)	0 (0-0)	16.3 (11-22)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Solomon Islands	0 (0-0)	10.4 (10.5-10.5)	0 (0-0)	25.9 (18.4-36.2)	0 (0-0)	27.2 (24.9-30)	0 (0-0)	21.4 (14.9-27.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tokelau	0 (0-0)	-30.6 (-30.6--30.6)	0 (0-0)	-23.3 (-27.7--18.1)	0 (0-0)	-22.8 (-23.5--22)	0 (0-0)	-22.6 (-27.4--16.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tonga	0 (0-0)	-14.5 (-14.5--14.5)	0 (0-0)	-11.9 (-18--6.3)	0 (0-0)	-11.4 (-11.9--10.7)	0 (0-0)	-12.4 (-16.6--7.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tuvalu	0 (0-0)	-5.5 (-5.5--5.5)	0 (0-0)	-3.9 (-10.1-3.1)	0 (0-0)	-4.7 (-5.8--2.3)	0 (0-0)	-7.8 (-11.6--4.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Vanuatu	0 (0-0)	17.6 (17.6-17.6)	0 (0-0)	30.5 (20.9-40.4)	0 (0-0)	31 (28.6-33.7)	0 (0-0)	23.9 (17.6-30.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Southeast Asia	27 (19-36)	-12.3 (-15.7--5.5)	116 (84-155)	-7.3 (-11.1-0.6)	25 (18-34)	-6 (-9.8-1.7)	17 (12-24)	-7.5 (-11.3-0.6)	23 (17-31)	108 (78-144)	24 (17-31)	16 (11-22)
Cambodia	1 (1-1)	-0.4 (-11.9-57.5)	3 (2-4)	3 (-10.7-67.5)	1 (1-1)	3.6 (-8.5-63.5)	1 (0-1)	5.2 (-8.9-69.2)	1 (1-1)	3 (2-5)	1 (1-1)	1 (0-1)
Indonesia	11 (7-15)	-20.4 (-24--6.7)	45 (31-62)	-11.5 (-16.7-1.7)	10 (7-14)	-9.8 (-14.4-5.5)	7 (5-10)	-13.8 (-18.2-1.9)	9 (6-12)	40 (28-56)	9 (6-13)	6 (4-9)
Aceh	0 (0-0)	-19 (-20.7-7.7)	1 (1-1)	-8 (-17.7-17.6)	0 (0-0)	-7.1 (-10.8-23.2)	0 (0-0)	-11.5 (-18.4-20.9)	0 (0-0)	1 (1-1)	0 (0-0)	0 (0-0)
Bali	0 (0-0)	-28.2 (-29.3--3.8)	1 (0-1)	-13.3 (-22.5-15.3)	0 (0-0)	-11.4 (-15.7-19.4)	0 (0-0)	-20.5 (-27-10.7)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Bangka-Belitung Islands	0 (0-0)	-16.8 (-31.5-13.4)	0 (0-0)	-6.2 (-20.5-23.7)	0 (0-0)	-4.8 (-22.2-31)	0 (0-0)	-9.7 (-26.7-25.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Banten	1 (0-1)	-28.8 (-31-5.6)	2 (1-3)	-22.2 (-30.6-10.3)	1 (0-1)	-21.1 (-24.4-16.9)	0 (0-1)	-22.9 (-29.6-17.3)	0 (0-1)	2 (1-3)	0 (0-1)	0 (0-0)
Bengkulu	0 (0-0)	-20.9 (-23.1-18.8)	0 (0-1)	-11.4 (-20.6-30)	0 (0-0)	-10.3 (-14-33.6)	0 (0-0)	-13.7 (-20.3-30.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Gorontalo	0 (0-0)	10.8 (8.1-56.3)	0 (0-0)	19.5 (4.8-64.2)	0 (0-0)	19.1 (13.7-68.4)	0 (0-0)	11.9 (2.6-59.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Jakarta	0 (0-1)	-38.3 (-48.6--7.6)	2 (1-3)	-25.1 (-36.7-9.3)	0 (0-1)	-23.8 (-37.5-14.7)	0 (0-0)	-28 (-41.2-10.2)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Jambi	0 (0-0)	-13.1 (-15.7-27.6)	1 (0-1)	-3.9 (-12.6-38.2)	0 (0-0)	-1.8 (-6.1-43.8)	0 (0-0)	-6.4 (-13.5-40.9)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
West Java	2 (1-3)	-7.8 (-12-44.1)	7 (5-11)	2.6 (-9.4-54.9)	2 (1-3)	3.6 (-2.8-61.5)	1 (1-2)	-1.3 (-11.4-57.8)	2 (1-3)	8 (5-11)	2 (1-3)	1 (1-2)
Central Java	1 (1-2)	-35 (-45.4--1.9)	6 (4-9)	-28 (-39.9-2.3)	1 (1-2)	-27.3 (-39.3-8.4)	1 (1-1)	-31.4 (-42.7-4.1)	1 (1-1)	4 (3-6)	1 (1-1)	1 (0-1)
East Java	1 (1-2)	-35 (-36.1--10.5)	6 (4-9)	-26.1 (-34.5--3)	1 (1-2)	-25.2 (-28.8-2.8)	1 (1-1)	-30.8 (-37.2--5)	1 (1-1)	5 (3-7)	1 (1-1)	1 (0-1)
West Kalimantan	0 (0-0)	-17.6 (-21.1-37.3)	1 (1-1)	-7.4 (-18.2-50.7)	0 (0-0)	-6 (-11.6-55.7)	0 (0-0)	-10 (-18.8-51.9)	0 (0-0)	1 (1-1)	0 (0-0)	0 (0-0)
South Kalimantan	0 (0-0)	-21.8 (-24.1-11.8)	1 (0-1)	-11.6 (-21.1-20.7)	0 (0-0)	-10 (-14.3-27.3)	0 (0-0)	-14.4 (-21.1-23.8)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Central Kalimantan	0 (0-0)	-15 (-17-22.7)	0 (0-1)	-4.2 (-14.5-36.8)	0 (0-0)	-3.1 (-7.2-42.2)	0 (0-0)	-7.8 (-14.9-35)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
East Kalimantan	0 (0-0)	0.7 (-2.1-42.6)	1 (0-1)	19.7 (8.3-67.7)	0 (0-0)	22.7 (16.7-74.7)	0 (0-0)	14.6 (4.1-69.5)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
North Kalimantan	0 (0-0)	11.5 (9.8-50.8)	0 (0-0)	29.7 (15.5-65.8)	0 (0-0)	30 (24.4-75)	0 (0-0)	20.6 (11-67.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Riau Islands	0 (0-0)	-14.1 (-16.8-21.7)	0 (0-0)	7.3 (-5.2-46)	0 (0-0)	10.4 (4.1-55)	0 (0-0)	6.5 (-3.7-54.4)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Lampung	0 (0-1)	-30.5 (-32.8-4.5)	2 (1-2)	-23.1 (-31.4-11.6)	0 (0-1)	-22.6 (-26.6-17.6)	0 (0-0)	-26.3 (-32.8-13.3)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Maluku	0 (0-0)	-19.8 (-22.3-25.2)	0 (0-1)	-6.5 (-17.4-43.1)	0 (0-0)	-5.9 (-10.4-46.2)	0 (0-0)	-10.9 (-18.8-39.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
North Maluku	0 (0-0)	-19.6 (-21.5-11.4)	0 (0-0)	-9.6 (-20-24.9)	0 (0-0)	-8.8 (-12.3-26.5)	0 (0-0)	-13.2 (-19.2-22.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
West Nusa Tenggara	0 (0-0)	-15 (-17.8-30.7)	1 (1-1)	-5.6 (-15.8-45)	0 (0-0)	-4.7 (-8.9-46.5)	0 (0-0)	-7.7 (-15.3-47)	0 (0-0)	1 (1-1)	0 (0-0)	0 (0-0)
East Nusa Tenggara	0 (0-0)	-9.7 (-12.2-28.4)	1 (1-1)	1.6 (-9.6-40.1)	0 (0-0)	2.2 (-2.5-44.9)	0 (0-0)	-3.5 (-10.2-40.9)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Papua	0 (0-0)	63.9 (59.6-132)	0 (0-1)	81.6 (63.2-149)	0 (0-0)	83.3 (76.1-159)	0 (0-0)	75.2 (62.7-152)	0 (0-0)	1 (1-1)	0 (0-0)	0 (0-0)
West Papua	0 (0-0)	-16.4 (-19.1-25.9)	0 (0-0)	-7.4 (-17.5-38)	0 (0-0)	-5.8 (-10-42.5)	0 (0-0)	-8 (-15.6-40)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Riau	0 (0-0)	52.1 (47.8-121)	1 (1-1)	74.3 (58.2-139)	0 (0-0)	77 (68.7-155)	0 (0-0)	67.5 (54.4-142)	0 (0-0)	2 (1-2)	0 (0-1)	0 (0-0)
West Sulawesi	0 (0-0)	-4.8 (-6.8-22.5)	0 (0-0)	7.5 (-2-38.7)	0 (0-0)	8.4 (4.4-39.4)	0 (0-0)	2.3 (-3.5-31.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
South Sulawesi	0 (0-1)	-27.4 (-29.8-3.6)	2 (1-3)	-18.3 (-27.4-12.2)	0 (0-1)	-17.4 (-21.9-17.5)	0 (0-0)	-22.2 (-28.8-13.4)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Central Sulawesi	0 (0-0)	-18.3 (-20.6-17.3)	1 (0-1)	-5.8 (-16.3-35.5)	0 (0-0)	-4.4 (-9.7-38.6)	0 (0-0)	-11 (-19.1-30.5)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Southeast Sulawesi	0 (0-0)	-2.8 (-5.2-34.5)	0 (0-1)	8.9 (-3.4-47.1)	0 (0-0)	9.8 (5.3-52.2)	0 (0-0)	4.5 (-4.3-47.2)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
North Sulawesi	0 (0-0)	-42 (-47.2--25)	0 (0-1)	-33.3 (-40.9--15.7)	0 (0-0)	-32.8 (-37.9--13.3)	0 (0-0)	-38.8 (-44.2--20.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
West Sumatra	0 (0-0)	-30.8 (-46.8--3.2)	1 (1-2)	-21.2 (-40.5-7.5)	0 (0-0)	-20.8 (-39.8-10.5)	0 (0-0)	-25.2 (-43.9-6.6)	0 (0-0)	1 (1-1)	0 (0-0)	0 (0-0)
South Sumatra	0 (0-1)	-22.5 (-32.3-10.3)	2 (1-2)	-13.1 (-23.8-18.3)	0 (0-1)	-12.3 (-23.5-24.5)	0 (0-0)	-16 (-27.5-24)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
North Sumatra	1 (1-1)	-21.8 (-28.2-11.5)	3 (2-4)	-13.3 (-24.7-21.1)	1 (0-1)	-12.7 (-20-24)	1 (0-1)	-16.5 (-25.3-21)	1 (0-1)	3 (2-4)	1 (0-1)	0 (0-1)
Yogyakarta	0 (0-0)	-26.7 (-28--2.8)	1 (0-1)	-18.5 (-26.8-2.9)	0 (0-0)	-17.3 (-20.3-10.1)	0 (0-0)	-22.1 (-29-7.5)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Lao People's Democratic Republic	0 (0-1)	-4.2 (-5.8-36.4)	1 (1-2)	0.6 (-8.5-39.8)	0 (0-1)	1 (-1.7-44.1)	0 (0-0)	1.5 (-6.3-44.6)	0 (0-1)	1 (1-2)	0 (0-1)	0 (0-0)
Malaysia	1 (1-1)	6.8 (-10.7-64.2)	6 (4-9)	-1.2 (-15.1-44.9)	1 (1-1)	-1.6 (-17.6-50.7)	0 (0-1)	-2.2 (-19-53.8)	1 (1-1)	6 (4-8)	1 (1-1)	0 (0-1)
Maldives	0 (0-0)	13.9 (4.1-57)	0 (0-0)	9.7 (-2.2-43.6)	0 (0-0)	9 (1.7-48.2)	0 (0-0)	13.8 (2.6-57)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Mauritius	0 (0-0)	-35.5 (-45.5--11.3)	0 (0-0)	-34.4 (-43.6--14.1)	0 (0-0)	-34 (-44.2--9.8)	0 (0-0)	-36.8 (-46--11)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Myanmar	3 (2-5)	-15.3 (-16.7-16.8)	9 (6-15)	-8.6 (-16.1-22.1)	3 (2-4)	-8.1 (-10-26.9)	2 (1-3)	-9.2 (-14.4-23)	3 (2-4)	9 (6-13)	2 (2-4)	2 (1-3)
Philippines	5 (3-7)	15.5 (13.3-25.1)	20 (14-27)	19.7 (16.5-29.9)	4 (3-6)	19.9 (17.3-29.6)	3 (2-4)	18.2 (15.3-28.4)	6 (4-8)	24 (17-33)	5 (4-7)	4 (2-5)
Abra	0 (0-0)	-17.7 (-22.3-15.3)	0 (0-0)	-7.6 (-17.2-23.8)	0 (0-0)	-6.4 (-12.3-30.5)	0 (0-0)	-11.4 (-22-28.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Agusan Del Norte	0 (0-0)	11 (8.6-58.1)	0 (0-0)	12.6 (0.8-54.2)	0 (0-0)	13.2 (9.9-61.4)	0 (0-0)	11.5 (2-65.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Agusan Del Sur	0 (0-0)	-6.7 (-21.8-34.2)	0 (0-0)	4.2 (-8.7-48.7)	0 (0-0)	5.1 (-12.1-51.2)	0 (0-0)	1.5 (-16.7-47.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Aklan	0 (0-0)	22.3 (19.7-68.4)	0 (0-0)	20.9 (8.6-65.2)	0 (0-0)	21.5 (18.2-67.3)	0 (0-0)	21.2 (11.5-69.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Albay	0 (0-0)	5.9 (5.1-24.5)	0 (0-0)	5.3 (-3-21.8)	0 (0-0)	5.2 (3.8-23.5)	0 (0-0)	4.4 (-2.3-24.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Antique	0 (0-0)	6.4 (4.4-52.1)	0 (0-0)	10.3 (-0.5-56.7)	0 (0-0)	11.5 (7.8-60.6)	0 (0-0)	7.3 (-1.4-54.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Apayao	0 (0-0)	-22.3 (-34-12)	0 (0-0)	-8.1 (-22.1-29.1)	0 (0-0)	-6.5 (-21.7-34.8)	0 (0-0)	-10.2 (-24.4-32.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Aurora	0 (0-0)	-1.9 (-3.7-41)	0 (0-0)	6.1 (-3.2-47.5)	0 (0-0)	6.9 (3.7-55.1)	0 (0-0)	4.2 (-3-54.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Basilan	0 (0-0)	30.6 (28.9-62.9)	0 (0-0)	39.6 (26.4-73.4)	0 (0-0)	40 (36-75.6)	0 (0-0)	37.3 (25.9-78.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Bataan	0 (0-0)	15.6 (14-64)	0 (0-0)	20 (8.6-64.9)	0 (0-0)	20.6 (17.5-71.5)	0 (0-0)	18.5 (9.9-73.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Batanes	0 (0-0)	-27.6 (-28.3--21.6)	0 (0-0)	-18.9 (-25.4--9.7)	0 (0-0)	-18.1 (-21--10.2)	0 (0-0)	-22.7 (-29.1--14.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Batangas	0 (0-0)	43.8 (23.2-92.5)	0 (0-1)	37.9 (18.6-78.2)	0 (0-0)	37.3 (17.2-83.6)	0 (0-0)	40.6 (16.8-86)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Benguet	0 (0-0)	30.8 (17-77.7)	0 (0-0)	26.5 (11.6-63.7)	0 (0-0)	26.3 (12.8-72.2)	0 (0-0)	30.3 (13.7-79.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Biliran	0 (0-0)	2 (0.9-14.8)	0 (0-0)	8.3 (-0.2-21.6)	0 (0-0)	9.3 (6.9-22.8)	0 (0-0)	5.8 (-3.4-26)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Bohol	0 (0-0)	-22.2 (-23.5-10.7)	0 (0-0)	-11.2 (-19.2-22.5)	0 (0-0)	-10 (-13.8-28.7)	0 (0-0)	-15.5 (-21.7-22.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Bukidnon	0 (0-0)	-4.2 (-18.1-41.8)	0 (0-0)	8.4 (-5.1-55.1)	0 (0-0)	9.8 (-6.7-62.6)	0 (0-0)	5.2 (-11.3-61.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Bulacan	0 (0-0)	32.2 (30.6-70.5)	1 (0-1)	31.6 (20.9-61.7)	0 (0-0)	31.2 (28.3-68.3)	0 (0-0)	28.8 (19.8-71.2)	0 (0-0)	1 (1-1)	0 (0-0)	0 (0-0)
Cagayan	0 (0-0)	-0.4 (-16-39.4)	0 (0-0)	1.7 (-11.4-36.5)	0 (0-0)	2.1 (-13.7-42.9)	0 (0-0)	1.8 (-13.6-43.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Camarines Norte	0 (0-0)	5.3 (3.8-40.4)	0 (0-0)	10.2 (-1.1-41.8)	0 (0-0)	11 (8.1-48.9)	0 (0-0)	7.8 (-1.2-48.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Camarines Sur	0 (0-0)	9.7 (8.4-42.2)	0 (0-1)	13.8 (4.4-43)	0 (0-0)	14.2 (11.8-48.2)	0 (0-0)	11.7 (4.8-46.1)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Camiguin	0 (0-0)	5.6 (-9-55.8)	0 (0-0)	8.7 (-7-56.1)	0 (0-0)	9.8 (-5.4-61.7)	0 (0-0)	8.6 (-6-62.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Capiz	0 (0-0)	1.9 (-1.1-44.2)	0 (0-0)	1.1 (-11.9-38.4)	0 (0-0)	1.6 (-2.4-44.3)	0 (0-0)	0.4 (-9.6-48.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Catanduanes	0 (0-0)	-6.3 (-18.1-31.6)	0 (0-0)	2.9 (-9.3-44.3)	0 (0-0)	4.3 (-8.8-46.7)	0 (0-0)	0.8 (-10.4-41.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Cavite	0 (0-0)	84 (73.7-173)	1 (0-1)	76.6 (60.1-154)	0 (0-0)	76.3 (66.7-161)	0 (0-0)	78.1 (60.6-174)	0 (0-0)	1 (1-1)	0 (0-0)	0 (0-0)
Cebu	0 (0-0)	36.7 (34.8-95.4)	1 (1-1)	38 (24.1-89.3)	0 (0-0)	38.5 (35.9-97.9)	0 (0-0)	39.4 (28.5-102)	0 (0-0)	1 (1-2)	0 (0-0)	0 (0-0)
Cotabato (North Cotabato)	0 (0-0)	36.4 (33-96.5)	0 (0-0)	42.9 (26.5-96.3)	0 (0-0)	43.2 (38.4-107)	0 (0-0)	43.9 (30.6-111)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Davao de Oro	0 (0-0)	-7.6 (-12.7-11)	0 (0-0)	4.9 (-5.2-23.6)	0 (0-0)	6.8 (0.6-29)	0 (0-0)	3.9 (-5.2-29.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Davao Del Norte	0 (0-0)	-10.3 (-12.2-23.7)	0 (0-0)	4.5 (-3.8-38.6)	0 (0-0)	7.8 (3.3-49)	0 (0-0)	0.1 (-7.8-43.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Davao Del Sur	0 (0-0)	26.9 (25.4-76.9)	0 (0-1)	29.5 (18.7-78.1)	0 (0-0)	29.8 (27.4-81)	0 (0-0)	30.3 (21.6-85.3)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Davao Occidental	0 (0-0)	-11 (-12.7-24.1)	0 (0-0)	7.5 (-3-49.7)	0 (0-0)	9.6 (3-55.1)	0 (0-0)	-0.7 (-9.7-42.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Davao Oriental	0 (0-0)	-12.9 (-14.3-13.7)	0 (0-0)	-4 (-13-24.7)	0 (0-0)	-3.5 (-6.8-25.6)	0 (0-0)	-8.5 (-15.6-22.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Dinagat Islands	0 (0-0)	-29 (-30.3--1.2)	0 (0-0)	-15.7 (-24.1-13.2)	0 (0-0)	-14.1 (-17.6-19.5)	0 (0-0)	-17.5 (-25.6-17.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Eastern Samar	0 (0-0)	7.8 (5.6-49.9)	0 (0-0)	11.1 (0.6-54.9)	0 (0-0)	11 (7.7-54.3)	0 (0-0)	10.2 (2.7-54.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Guimaras	0 (0-0)	0.4 (-4.6-37.8)	0 (0-0)	6.5 (-4.3-38.3)	0 (0-0)	7.5 (2.2-47.4)	0 (0-0)	7.4 (-0.9-50.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Ifugao	0 (0-0)	18 (15.7-64.4)	0 (0-0)	20.5 (9.1-64.6)	0 (0-0)	21.1 (16.8-69.4)	0 (0-0)	24.6 (14.4-76.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Ilocos Norte	0 (0-0)	4.9 (3.1-45.1)	0 (0-0)	6.1 (-4.3-42.2)	0 (0-0)	6.5 (4.1-47.2)	0 (0-0)	7.5 (-1.2-52.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Ilocos Sur	0 (0-0)	-1.8 (-3.1-31.9)	0 (0-0)	3.4 (-5.7-33.8)	0 (0-0)	4.1 (2-40.3)	0 (0-0)	2.8 (-6.4-42.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Iloilo	0 (0-0)	22.4 (20-67.3)	0 (0-1)	20.6 (10.2-60.8)	0 (0-0)	20.8 (17.1-64.9)	0 (0-0)	23.3 (12.3-74.9)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Isabela	0 (0-0)	15.5 (14.3-35.4)	0 (0-0)	14.7 (5-29.2)	0 (0-0)	14.5 (12.3-34.5)	0 (0-0)	16.9 (9.4-42.9)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Kalinga	0 (0-0)	-13.4 (-14.7-17.3)	0 (0-0)	1.4 (-6.3-36.5)	0 (0-0)	4.1 (0.7-41.1)	0 (0-0)	-0.5 (-9.2-35)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
La Union	0 (0-0)	7.5 (6.3-27.2)	0 (0-0)	6.9 (-1.2-26.2)	0 (0-0)	7.2 (5-27)	0 (0-0)	9.6 (3.1-32.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Laguna	0 (0-0)	59.9 (56.3-131)	1 (0-1)	57.5 (44.1-129)	0 (0-0)	57.7 (52.3-128)	0 (0-0)	61.2 (46.8-132)	0 (0-0)	1 (1-1)	0 (0-0)	0 (0-0)
Lanao Del Norte	0 (0-0)	17.1 (15.2-56.3)	0 (0-0)	27.5 (15.6-65.9)	0 (0-0)	29 (25.4-72.7)	0 (0-0)	27.3 (17.3-74.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Lanao Del Sur	0 (0-0)	16.6 (8.4-45.7)	0 (0-0)	31.2 (19.9-65.9)	0 (0-0)	33 (23.8-64.2)	0 (0-0)	30.8 (21.2-63.4)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Leyte	0 (0-0)	12.7 (11.1-55.6)	0 (0-1)	13.1 (2.9-53.3)	0 (0-0)	12.8 (10.3-55.6)	0 (0-0)	13.1 (2.8-55)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Maguindanao	0 (0-0)	33.8 (31.7-74.7)	0 (0-0)	54.5 (42.1-97.9)	0 (0-0)	57.1 (51.8-106)	0 (0-0)	51.9 (42.2-103)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Marinduque	0 (0-0)	-28.6 (-29.3--7.2)	0 (0-0)	-21.3 (-28.5-0.9)	0 (0-0)	-20.5 (-23-3.9)	0 (0-0)	-26.1 (-31.3--2.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Masbate	0 (0-0)	11.4 (8.6-64.5)	0 (0-0)	18.1 (6.6-67.3)	0 (0-0)	18.7 (14-72.2)	0 (0-0)	14.8 (5.7-61.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Misamis Occidental	0 (0-0)	12.8 (9.8-62.1)	0 (0-0)	16.4 (5.9-68.1)	0 (0-0)	16.8 (12.7-68.9)	0 (0-0)	16.2 (6.8-73.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Misamis Oriental	0 (0-0)	37.9 (34.6-97)	0 (0-0)	38.5 (26.8-91.6)	0 (0-0)	38.8 (34.8-97.3)	0 (0-0)	39.4 (29.2-102)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Mountain Province	0 (0-0)	-10.6 (-11.6-20)	0 (0-0)	-4.9 (-14.6-23.2)	0 (0-0)	-3.9 (-6.6-29.9)	0 (0-0)	-4.8 (-15.3-31.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
National Capital Region	1 (0-1)	2.9 (0.9-49.1)	2 (2-3)	8 (-2.1-46.4)	0 (0-1)	9.1 (5.3-58.4)	0 (0-0)	5.6 (-3.8-55.8)	1 (0-1)	3 (2-4)	1 (0-1)	0 (0-1)
Negros Occidental	0 (0-0)	3.2 (2-31.3)	1 (0-1)	3.6 (-5.7-33.8)	0 (0-0)	3.2 (1.5-31.2)	0 (0-0)	2.4 (-4.9-32.9)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Negros Oriental	0 (0-0)	-1.8 (-3.5-37.3)	0 (0-0)	1.3 (-8.9-39.6)	0 (0-0)	1.7 (-0.7-43.2)	0 (0-0)	0.7 (-7-51.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Northern Samar	0 (0-0)	15.1 (5.9-64.1)	0 (0-0)	16 (3-66.3)	0 (0-0)	16.3 (6.6-65.6)	0 (0-0)	15.9 (5.3-66.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Nueva Ecija	0 (0-0)	23.6 (20.7-74.4)	0 (0-1)	24.6 (14.2-69.8)	0 (0-0)	24.6 (20.9-75.8)	0 (0-0)	27 (15.9-83.6)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Nueva Vizcaya	0 (0-0)	5.7 (4.5-25.3)	0 (0-0)	10.7 (2.6-28.3)	0 (0-0)	10.9 (8.7-31.7)	0 (0-0)	10.7 (2-36.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Occidental Mindoro	0 (0-0)	-3.4 (-16.7-39.1)	0 (0-0)	9.2 (-4.8-54.9)	0 (0-0)	10.6 (-5.4-61.6)	0 (0-0)	6.6 (-9.8-59.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Oriental Mindoro	0 (0-0)	-6 (-8.2-33.1)	0 (0-0)	0.4 (-11-39.8)	0 (0-0)	1.4 (-2.5-43.4)	0 (0-0)	-3.2 (-10.9-39.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Palawan	0 (0-0)	27.5 (24-77.1)	0 (0-0)	34.5 (21.3-82.4)	0 (0-0)	35.4 (30.3-88.4)	0 (0-0)	32.1 (20.9-87)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Pampanga	0 (0-0)	34 (31.3-96.8)	0 (0-1)	30.3 (18.9-82.6)	0 (0-0)	30.1 (26.5-90.7)	0 (0-0)	31.5 (21.7-95.7)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Pangasinan	0 (0-0)	9.2 (7.7-46)	1 (0-1)	11.7 (2-41.5)	0 (0-0)	12 (9.6-50.3)	0 (0-0)	12 (2.8-52.1)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Quezon	0 (0-0)	10.7 (8.9-51.5)	0 (0-1)	13.6 (3.7-50.8)	0 (0-0)	13.5 (10.9-55.4)	0 (0-0)	11.3 (3.6-49.4)	0 (0-0)	1 (0-1)	0 (0-0)	0 (0-0)
Quirino	0 (0-0)	-12.2 (-13.8-26.1)	0 (0-0)	0.3 (-9.3-38.5)	0 (0-0)	1.4 (-2-46.8)	0 (0-0)	-2.1 (-9-46.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Rizal	0 (0-0)	78.8 (76.3-138)	0 (0-1)	71.7 (55.6-119)	0 (0-0)	71.2 (67.2-129)	0 (0-0)	72.2 (59.4-134)	0 (0-0)	1 (1-1)	0 (0-0)	0 (0-0)
Romblon	0 (0-0)	-16.9 (-25.8-19.2)	0 (0-0)	-9.7 (-21.4-26.1)	0 (0-0)	-8.4 (-17.4-32.1)	0 (0-0)	-11.4 (-20.6-30.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Samar (Western Samar)	0 (0-0)	5.9 (2.2-59)	0 (0-0)	5.8 (-4.3-58.3)	0 (0-0)	6.2 (1.8-59.2)	0 (0-0)	6.1 (-2.1-62.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Sarangani	0 (0-0)	18.9 (16.5-72.2)	0 (0-0)	17.2 (6.4-64.8)	0 (0-0)	16.8 (13.8-68.8)	0 (0-0)	16.1 (7.7-70.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Siquijor	0 (0-0)	-11.4 (-18.6-25.7)	0 (0-0)	-2.5 (-11.9-36.1)	0 (0-0)	-0.9 (-8.7-41.6)	0 (0-0)	-4.3 (-13-40.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Sorsogon	0 (0-0)	12 (10.2-48.8)	0 (0-0)	8.2 (-1.2-37.8)	0 (0-0)	7.9 (5.5-43.7)	0 (0-0)	7.5 (-0.6-46.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
South Cotabato	0 (0-0)	21.8 (20.1-65.3)	0 (0-0)	23.3 (11.9-61.7)	0 (0-0)	24.1 (21.7-68.8)	0 (0-0)	23.9 (15.9-71.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Southern Leyte	0 (0-0)	-1.8 (-22.2-39.8)	0 (0-0)	1.3 (-18.2-38.4)	0 (0-0)	1.1 (-20.3-43.3)	0 (0-0)	-0.7 (-23-40.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Sultan Kudarat	0 (0-0)	1.2 (-0.3-36.9)	0 (0-0)	15.3 (5.4-53.8)	0 (0-0)	17.6 (13.5-57.2)	0 (0-0)	12.6 (4.3-52.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Sulu	0 (0-0)	-8.9 (-10.4-24.1)	0 (0-0)	13.3 (3.1-52.8)	0 (0-0)	14.7 (10.3-53.7)	0 (0-0)	5.9 (-2-43.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Surigao Del Norte	0 (0-0)	21.4 (19.4-69.6)	0 (0-0)	21.2 (9.1-65.7)	0 (0-0)	21.4 (18.6-70.4)	0 (0-0)	20.9 (11.4-73.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Surigao Del Sur	0 (0-0)	-1.3 (-13.4-47.9)	0 (0-0)	0.1 (-12.7-44.8)	0 (0-0)	0.5 (-11.9-50.8)	0 (0-0)	-0.2 (-11.9-49.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tarlac	0 (0-0)	4.8 (3.4-35.3)	0 (0-0)	8.6 (-0.6-39.6)	0 (0-0)	9.4 (7-40.6)	0 (0-0)	6.9 (-1.8-36.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tawi-Tawi	0 (0-0)	-2 (-8.1-35.1)	0 (0-0)	9.1 (-2.4-43.4)	0 (0-0)	10.8 (4.4-51.7)	0 (0-0)	7.6 (-5.3-49.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Zambales	0 (0-0)	21.7 (20.5-52.6)	0 (0-0)	21.5 (11-45.9)	0 (0-0)	21.4 (19.5-52.4)	0 (0-0)	20.2 (8.9-56.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Zamboanga Del Norte	0 (0-0)	-5.1 (-6.2-29)	0 (0-0)	4.3 (-5-40)	0 (0-0)	5.3 (2.4-44.1)	0 (0-0)	2 (-5.7-42.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Zamboanga Del Sur	0 (0-0)	10.1 (8.9-32)	0 (0-1)	12.3 (2.5-34.5)	0 (0-0)	12.4 (10.4-35.2)	0 (0-0)	12 (4.4-37.5)	0 (0-0)	0 (0-1)	0 (0-0)	0 (0-0)
Zamboanga Sibugay	0 (0-0)	9.9 (8.2-53.2)	0 (0-0)	19.8 (8.6-64.6)	0 (0-0)	20.5 (16.9-67.7)	0 (0-0)	16.2 (8.1-61.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Seychelles	0 (0-0)	-6.7 (-27.2-16.2)	0 (0-0)	-2.8 (-23.6-15.8)	0 (0-0)	-2.3 (-24.1-21.8)	0 (0-0)	-1.3 (-23.8-25.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Sri Lanka	1 (0-1)	-16.5 (-29.7-21.2)	4 (3-5)	-6.2 (-21.7-30)	1 (0-1)	-4.3 (-19.1-38.5)	0 (0-1)	-8.8 (-23.5-38.9)	1 (0-1)	4 (2-5)	1 (0-1)	0 (0-0)
Thailand	2 (1-2)	-38.2 (-39.5--12)	10 (7-15)	-35.1 (-41.8--11.9)	2 (1-3)	-34.3 (-36.8--6.1)	1 (1-2)	-37.1 (-42.9--6.5)	1 (1-2)	7 (5-10)	1 (1-2)	1 (0-1)
Timor-Leste	0 (0-0)	4.9 (-10.1-47.1)	0 (0-0)	18.4 (-1.8-61.3)	0 (0-0)	18.5 (1.4-65.8)	0 (0-0)	14.4 (-0.8-62.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Viet Nam	3 (2-5)	-18.6 (-20.4-15.6)	16 (11-24)	-15.1 (-23.9-13)	3 (2-5)	-14.5 (-17.1-21.3)	2 (1-3)	-12.1 (-19.7-28.2)	3 (2-4)	14 (9-20)	3 (2-4)	2 (1-3)
Sub-Saharan Africa	8,300 (5,980-11,800)	37.1 (34-40.7)	40,300 (29,800-54,400)	54.8 (50.5-59.1)	5,800 (4,190-8,390)	65 (60.2-70)	3,970 (2,660-5,890)	58.2 (53.1-63.9)	11,400 (8,240-16,000)	62,400 (46,000-83,400)	9,570 (6,870-13,900)	6,290 (4,210-9,300)
Central Sub-Saharan Africa	266 (188-363)	32.7 (21.9-44.6)	870 (647-1,150)	57.8 (43.9-71.9)	204 (144-282)	57.9 (43.6-72.7)	163 (112-232)	51.2 (36-67)	353 (251-473)	1,370 (1,000-1,810)	322 (229-434)	247 (169-347)
Angola	28 (19-40)	47 (33.2-62.2)	87 (61-121)	79.7 (62.3-98.8)	21 (14-30)	78.9 (60.6-97.7)	17 (11-25)	70.4 (51.8-90.6)	42 (28-58)	157 (110-215)	38 (26-54)	30 (19-43)
Central African Republic	3 (2-4)	27 (14.9-44.6)	8 (5-12)	38.1 (25.5-57.1)	2 (1-3)	37.3 (23.7-55.9)	2 (1-3)	34.9 (20.7-54.2)	3 (2-5)	11 (7-16)	3 (2-4)	2 (1-3)
Congo	5 (3-7)	5.5 (-5.8-15.7)	18 (12-26)	31.2 (18.1-45.5)	4 (2-6)	31.2 (16.3-44.9)	3 (2-4)	23.5 (6.7-38.9)	5 (3-8)	24 (16-35)	5 (3-7)	3 (2-5)
Democratic Republic of the Congo	225 (162-306)	32.2 (19.5-47.2)	738 (552-972)	57.1 (41.5-73.8)	174 (123-238)	56.9 (40.2-75.3)	139 (96-197)	50.2 (32.2-69)	298 (213-400)	1,160 (848-1,520)	273 (195-368)	209 (144-293)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Equatorial Guinea	2 (1-3)	20.4 (7-35.6)	6 (4-9)	53.2 (35.6-72)	1 (1-2)	49.1 (31.7-68.5)	1 (1-2)	35.6 (17.8-55.6)	2 (1-3)	10 (6-14)	2 (1-3)	1 (1-2)
Gabon	3 (2-4)	-7.5 (-17.8-3.5)	12 (8-18)	4.6 (-5.9-16.2)	2 (1-4)	3.1 (-8.4-15.7)	2 (1-3)	-2.5 (-15.8-12.1)	3 (2-4)	13 (9-18)	2 (2-4)	2 (1-3)
Eastern Sub-Saharan Africa	1,550 (1,070-2,200)	33.9 (29-38.8)	13,400 (9,410-18,600)	42 (35.6-48.6)	980 (672-1,440)	76.4 (68.4-83.8)	446 (270-709)	76.2 (65.5-86.6)	2,080 (1,410-2,990)	19,000 (13,400-26,500)	1,730 (1,170-2,520)	785 (477-1,270)
Burundi	25 (17-37)	88.6 (69-111)	174 (119-246)	98.5 (78.5-119)	18 (12-27)	101 (76.9-129)	10 (6-16)	99.6 (70.3-137)	48 (32-70)	345 (237-488)	35 (24-54)	20 (12-33)
Comoros	1 (1-2)	-19.5 (-27.3--9.6)	9 (6-12)	2.6 (-7.3-14.6)	1 (0-1)	2.9 (-8-17)	0 (0-1)	-12.6 (-25.2-1)	1 (1-1)	9 (6-12)	1 (1-1)	0 (0-1)
Djibouti	1 (1-1)	23.6 (9.9-36.3)	6 (4-9)	61.3 (43.4-78.3)	1 (0-1)	62.7 (43.3-80.5)	0 (0-0)	47.9 (26-71.3)	1 (1-2)	10 (7-14)	1 (1-1)	0 (0-1)
Eritrea	7 (5-10)	18.9 (7.5-31.6)	49 (34-69)	43.8 (31.7-57.7)	5 (3-7)	42.6 (28-59.8)	3 (2-4)	26.2 (9.4-45.2)	8 (5-12)	70 (48-100)	7 (4-10)	3 (2-5)
Ethiopia	116 (78-172)	25.9 (19.2-32.1)	807 (557-1,150)	47.8 (40.5-55.3)	78 (51-120)	48.4 (38.6-57.6)	41 (24-68)	37.3 (27.1-47.6)	146 (98-214)	1,190 (829-1,670)	116 (77-172)	56 (33-94)
Addis Ababa	2 (2-4)	-25 (-32.6--15.5)	24 (17-35)	-0.2 (-10.7-11.9)	2 (1-3)	4.4 (-6.8-18.6)	1 (0-1)	-3.6 (-19-12.9)	2 (1-3)	24 (17-35)	2 (1-3)	1 (0-1)
Afar	3 (2-4)	-4.1 (-14.3-8.6)	19 (13-27)	6.7 (-4.1-19.8)	2 (1-3)	7.4 (-5.3-22.1)	1 (1-2)	6.4 (-9.4-26.2)	3 (2-4)	20 (14-29)	2 (1-3)	1 (1-2)
Amhara	26 (18-39)	5.3 (-6-17.4)	187 (131-263)	23.5 (10.7-37.7)	18 (12-28)	24.2 (9.5-40.9)	9 (5-16)	12.4 (-4.7-32.8)	28 (19-41)	231 (161-327)	22 (15-34)	10 (6-17)
Benishangul-Gumuz	1 (1-2)	43.9 (29.9-60.6)	8 (5-11)	76.6 (59.4-97.2)	1 (1-1)	76.6 (57.7-96.7)	0 (0-1)	61.5 (37.7-84.3)	2 (1-3)	14 (9-19)	1 (1-2)	1 (0-1)
Dire Dawa	0 (0-1)	5.8 (-5.5-18.4)	3 (2-4)	42.3 (28.8-56.1)	0 (0-0)	42.4 (27.7-59.4)	0 (0-0)	23.4 (6.7-45.4)	0 (0-1)	4 (3-6)	0 (0-1)	0 (0-0)
Gambella	0 (0-1)	32.2 (15.3-46)	3 (2-4)	85.6 (65.1-106)	0 (0-0)	83.8 (57.1-108)	0 (0-0)	50.9 (24.6-74.6)	1 (0-1)	5 (4-8)	1 (0-1)	0 (0-0)
Harari	0 (0-0)	-7 (-16.2-4.2)	2 (1-2)	34.7 (22.6-49.4)	0 (0-0)	34.8 (22-52.4)	0 (0-0)	11.5 (-4.8-29.6)	0 (0-0)	2 (2-3)	0 (0-0)	0 (0-0)
Oromia	43 (28-64)	37.7 (24.5-51.8)	293 (201-417)	62.7 (46.9-80.6)	28 (18-43)	63.2 (45.2-83.8)	15 (9-25)	50.8 (29.8-74.6)	60 (40-86)	477 (330-672)	46 (30-68)	23 (13-38)
Somali	8 (5-12)	49.2 (34.5-66.1)	54 (37-77)	52.5 (38-68.3)	5 (3-8)	55 (36.6-74.3)	3 (2-4)	62.3 (38.9-89.3)	11 (8-17)	83 (56-118)	8 (5-12)	4 (2-7)
Southern Nations, Nationalities, and Peoples	25 (17-38)	32.1 (16.9-47.1)	169 (114-244)	59.4 (41.4-75.7)	17 (11-26)	57.2 (38.2-77.7)	9 (5-16)	41.5 (19.3-64.5)	33 (22-49)	269 (183-379)	27 (18-40)	13 (8-22)
Tigray	6 (4-9)	8.5 (-1.9-20.3)	44 (30-64)	39.8 (26.4-54.1)	4 (3-6)	41.3 (26-58.2)	2 (1-3)	21.7 (4.7-42)	7 (4-10)	62 (42-89)	6 (4-8)	2 (1-4)
Kenya	848 (585-1,200)	33.1 (25.2-41.3)	8,760 (6,220-12,100)	31.3 (23.1-39.5)	520 (353-760)	90.4 (78.7-102)	183 (108-294)	116 (93.6-139)	1,130 (762-1,650)	11,500 (8,110-16,000)	990 (667-1,450)	397 (235-648)
Baringo	7 (5-10)	24.3 (10.1-39.2)	75 (53-105)	23.1 (8.9-38.1)	4 (3-6)	79.7 (56-106)	2 (1-3)	93 (59.6-135)	9 (6-14)	92 (64-131)	8 (5-12)	3 (2-5)
Bomet	9 (6-12)	132 (105-161)	104 (74-143)	152 (124-183)	5 (3-7)	267 (219-322)	1 (1-2)	260 (194-347)	20 (14-28)	261 (178-365)	17 (12-25)	5 (3-8)
Bungoma	66 (46-95)	-43.7 (-49.6--35.3)	649 (455-913)	-41.2 (-47.6--33.3)	38 (25-57)	-14 (-25.3-0.1)	14 (8-23)	-4 (-21.5-17.9)	37 (25-55)	382 (266-537)	33 (21-49)	14 (8-22)
Busia	39 (27-56)	40.8 (23.9-61.8)	392 (273-541)	32.3 (17.6-50.1)	24 (16-36)	93.8 (68.8-125)	9 (6-15)	117 (81.5-167)	55 (36-81)	519 (355-720)	47 (30-69)	20 (12-33)
Elgeyo-Marakwet	8 (6-11)	-66.7 (-70.5--62.1)	93 (66-130)	-61.3 (-65.7--56.2)	5 (3-7)	-43.9 (-51.2--35.3)	1 (1-2)	-41.2 (-53--27.2)	3 (2-4)	36 (25-50)	3 (2-4)	1 (0-1)
Embu	4 (3-6)	-28.7 (-36.9--20.3)	57 (40-79)	-21.6 (-31.2--12.5)	3 (2-4)	11.1 (-3.7-25.3)	1 (0-1)	17 (-4.7-43.2)	3 (2-5)	45 (31-62)	3 (2-5)	1 (1-2)
Garissa	4 (3-6)	344 (286-411)	48 (34-66)	244 (203-291)	3 (2-4)	396 (324-479)	1 (0-1)	533 (407-694)	18 (12-27)	164 (115-229)	13 (8-19)	5 (3-9)
Homa Bay	92 (64-135)	29.9 (14-46.5)	752 (525-1,050)	34.5 (19.5-51.2)	50 (33-76)	96 (69.9-124)	21 (12-34)	123 (78.8-175)	120 (81-178)	1,010 (707-1,410)	99 (65-148)	46 (27-76)
Isiolo	2 (1-2)	54.5 (35.7-77.5)	14 (10-20)	42.6 (24.3-62.5)	1 (1-1)	112 (83.1-146)	0 (0-1)	144 (102-195)	2 (2-4)	21 (14-29)	2 (1-3)	1 (1-2)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Kajiado	5 (3-7)	63.1 (43.3-82.8)	57 (40-80)	73.6 (56.2-94.6)	3 (2-4)	144 (114-179)	1 (1-1)	154 (108-213)	8 (5-11)	99 (69-138)	7 (5-11)	2 (1-4)
Kakamega	42 (29-61)	118 (92.9-147)	428 (301-591)	102 (78.8-131)	26 (17-40)	199 (162-246)	11 (6-18)	226 (172-298)	92 (62-134)	866 (613-1,210)	78 (52-116)	34 (21-56)
Kericho	15 (11-21)	-63.3 (-68.5--58.1)	164 (116-227)	-56.9 (-62.4--51.1)	8 (6-12)	-37.8 (-47.5--28)	3 (2-4)	-35.7 (-49--22.1)	6 (4-8)	70 (49-98)	5 (3-8)	2 (1-3)
Kiambu	15 (10-21)	-18.3 (-27.9--8.3)	181 (128-253)	-10.8 (-20.7-0.1)	10 (7-14)	22.3 (7.8-38.7)	2 (1-4)	40.6 (10.8-72.4)	12 (8-18)	161 (111-221)	12 (8-18)	3 (2-6)
Kilifi	40 (28-57)	42.7 (25.3-64.3)	445 (316-611)	37.8 (20.3-56.8)	27 (18-39)	101 (72.8-133)	10 (6-16)	124 (84.9-175)	58 (40-85)	613 (429-857)	53 (36-79)	22 (13-36)
Kirinyaga	4 (3-6)	-26.3 (-34.4--16.9)	54 (38-76)	-20 (-28.5--9.7)	3 (2-4)	9.8 (-2.5-23.9)	1 (0-1)	20.5 (-2.7-48)	3 (2-5)	44 (30-62)	3 (2-5)	1 (1-2)
Kisii	48 (33-69)	-35 (-43--24.8)	560 (393-775)	-25.3 (-34.5--14.7)	33 (22-47)	8.1 (-7.2-26.4)	10 (6-17)	8.3 (-12.6-33.4)	32 (21-47)	418 (298-587)	35 (24-52)	11 (7-19)
Kisumu	41 (28-58)	-2.9 (-15.6-15)	415 (289-574)	5.9 (-6-19.8)	27 (18-39)	51.9 (33.7-80.2)	10 (6-15)	61.4 (30.8-102)	40 (26-58)	440 (303-606)	40 (26-59)	16 (9-26)
Kitui	12 (8-17)	1.6 (-12.2-16.8)	134 (94-181)	5.4 (-7.1-18.8)	7 (5-10)	54.7 (33.7-79.2)	2 (1-4)	61.8 (31.9-95.8)	12 (8-18)	141 (100-193)	11 (7-16)	4 (2-6)
Kwale	23 (16-33)	37.3 (21.2-57.4)	264 (184-370)	28.6 (12.8-45.2)	16 (10-24)	85.1 (62.3-115)	6 (3-9)	110 (75-156)	32 (21-46)	340 (237-475)	29 (19-44)	12 (7-19)
Laikipia	4 (3-6)	-26.1 (-35.5--17.8)	47 (33-65)	-11.9 (-22.1--1.9)	2 (2-3)	25.4 (9.4-39.7)	1 (0-1)	26.5 (3-56.2)	3 (2-4)	42 (29-58)	3 (2-4)	1 (0-1)
Lamu	1 (1-1)	33.6 (18.2-52.8)	11 (8-15)	28 (13.2-45.5)	1 (0-1)	82.2 (58.8-110)	0 (0-0)	110 (73.4-159)	1 (1-2)	14 (10-20)	1 (1-2)	0 (0-1)
Machakos	11 (8-16)	-47.1 (-53.3--40.1)	154 (109-211)	-41.9 (-48.4--34.1)	8 (5-11)	-14.7 (-25.7--1.9)	2 (1-3)	-11.5 (-27.7-8.7)	6 (4-9)	90 (63-124)	7 (4-10)	2 (1-3)
Makueni	8 (5-11)	58 (39.4-79.5)	91 (63-126)	66.8 (48.6-87.7)	4 (3-7)	147 (113-186)	1 (1-2)	148 (101-204)	12 (8-18)	152 (106-211)	11 (7-16)	3 (2-6)
Mandera	3 (2-5)	1280 (1110-1440)	43 (30-62)	870 (761-990)	3 (2-4)	1320 (1130-1540)	1 (1-2)	1530 (1250-1870)	45 (30-66)	417 (293-587)	36 (24-54)	15 (9-25)
Marsabit	3 (2-4)	140 (111-171)	27 (19-38)	110 (83.7-137)	2 (1-2)	208 (164-257)	1 (0-1)	248 (183-323)	6 (4-9)	57 (39-81)	5 (3-7)	2 (1-3)
Meru	14 (9-19)	-18.5 (-27.9--6.7)	172 (122-239)	-12.7 (-22.7--1.5)	9 (6-14)	26 (10.7-46.3)	3 (2-4)	30.3 (8.3-60.7)	11 (7-17)	150 (105-213)	12 (8-18)	4 (2-6)
Migori	82 (55-118)	66 (47.5-92.5)	640 (446-888)	62.6 (45.7-86.7)	45 (29-66)	137 (108-177)	20 (11-32)	176 (128-251)	136 (93-200)	1,040 (724-1,450)	105 (71-160)	54 (32-89)
Mombasa	17 (12-24)	44.1 (25.4-64.9)	204 (143-280)	49.9 (29.3-71.9)	13 (9-18)	93.3 (64.2-123)	3 (2-5)	148 (96.3-202)	24 (17-36)	306 (214-433)	25 (17-36)	8 (5-13)
Murang'a	7 (5-10)	-22.1 (-30.4--12.5)	96 (66-136)	-15.7 (-25.1--4.6)	5 (3-7)	24.4 (8.8-41.7)	1 (1-2)	20.5 (-1.1-49.8)	5 (4-8)	81 (56-112)	6 (4-8)	1 (1-2)
Nairobi	23 (16-32)	33 (17.8-55.1)	261 (183-358)	48.8 (31.8-67.7)	16 (11-23)	87.3 (65.8-118)	3 (2-5)	149 (101-220)	31 (21-44)	389 (274-541)	30 (21-43)	9 (5-14)
Nakuru	14 (10-20)	-12.2 (-22.1-0.7)	178 (126-244)	3.7 (-8.4-16.9)	9 (6-13)	45.8 (28.3-68.9)	2 (1-4)	43.3 (17.3-75.5)	12 (8-18)	185 (129-260)	13 (9-19)	3 (2-6)
Nandi	12 (8-18)	-5.7 (-16.7-7.9)	151 (106-210)	5.9 (-5.8-19.3)	7 (5-11)	51.9 (33.5-75.9)	2 (1-3)	52.6 (24.5-90.7)	12 (8-16)	160 (113-224)	11 (8-17)	3 (2-5)
Narok	8 (5-11)	339 (289-402)	84 (60-118)	303 (253-358)	4 (3-6)	483 (398-582)	1 (1-2)	538 (414-692)	34 (23-50)	340 (239-493)	25 (16-38)	9 (5-15)
Nyamira	10 (7-14)	28.5 (11.1-46.3)	122 (87-170)	48.4 (30.4-67.9)	6 (4-9)	113 (82.8-146)	2 (1-2)	112 (68.8-164)	13 (9-19)	181 (126-257)	13 (9-19)	3 (2-6)
Nyandarua	6 (4-8)	-13.3 (-23.3--1.1)	70 (49-98)	-4.3 (-15-7.3)	3 (2-5)	37.5 (19.7-57.5)	1 (0-1)	32.6 (5.5-66)	5 (3-7)	67 (48-93)	5 (3-7)	1 (1-2)
Nyeri	6 (4-8)	-39.4 (-46.6--32.1)	77 (54-108)	-32.9 (-40.2--24.3)	4 (3-6)	-5.3 (-16.7-7)	1 (1-1)	-2.4 (-20.6-18.8)	3 (2-5)	52 (35-71)	4 (2-5)	1 (0-1)
Samburu	3 (2-4)	85.4 (59-113)	26 (18-36)	77.2 (54.2-100)	1 (1-2)	160 (123-202)	0 (0-1)	185 (130-254)	5 (3-7)	45 (32-64)	3 (2-5)	1 (1-2)
Siaya	66 (45-95)	8.5 (-4.8-27.9)	594 (409-828)	9.4 (-2.9-25)	39 (26-59)	62 (40.3-88.9)	16 (9-27)	81.8 (44.3-125)	71 (47-106)	650 (461-906)	64 (42-95)	30 (17-48)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Taita Taveta	3 (2-4)	-19.8 (-29.1--9.6)	44 (31-62)	-17.9 (-28--8.6)	2 (2-4)	17.5 (3.2-32.6)	1 (0-1)	27.5 (4.3-54.1)	2 (2-4)	36 (26-51)	3 (2-4)	1 (0-1)
Tana River	4 (2-5)	68.4 (49.6-91.5)	39 (27-54)	45.6 (28.2-66.4)	2 (2-3)	108 (81.7-140)	1 (0-1)	150 (106-199)	6 (4-9)	57 (39-80)	5 (3-8)	2 (1-4)
Tharaka Nithi	1 (1-2)	0.1 (-12.8-14.6)	14 (10-20)	5.6 (-7.4-19.8)	1 (1-1)	51.1 (31.2-76.1)	0 (0-0)	58.1 (27.8-93.9)	1 (1-2)	15 (10-21)	1 (1-2)	0 (0-1)
Trans Nzoia	15 (10-21)	11.7 (0.9-26.7)	176 (124-248)	21.7 (7-37.8)	9 (6-14)	76.7 (53.7-104)	3 (2-5)	76.7 (44.7-118)	17 (11-23)	214 (149-301)	16 (11-23)	5 (3-8)
Turkana	10 (7-15)	227 (186-275)	99 (68-137)	202 (166-240)	6 (4-8)	337 (273-408)	2 (1-3)	407 (307-523)	34 (23-50)	299 (209-419)	25 (16-37)	10 (6-17)
Uasin Gishu	11 (8-15)	7.5 (-5.2-23.1)	134 (94-186)	24.5 (10.6-42.2)	7 (5-10)	76.8 (54.7-106)	2 (1-3)	80.2 (48.2-122)	12 (8-17)	167 (117-233)	12 (8-18)	4 (2-6)
Vihiga	16 (11-22)	47.8 (29.9-68.6)	182 (128-252)	49.2 (32.5-68.4)	10 (7-15)	119 (87.2-152)	4 (2-6)	119 (75.4-169)	23 (16-34)	272 (191-384)	23 (15-34)	8 (5-14)
Wajir	5 (4-7)	236 (188-288)	55 (38-76)	157 (122-193)	3 (2-5)	276 (216-342)	1 (1-2)	372 (279-481)	18 (12-25)	142 (99-196)	12 (8-18)	6 (3-9)
West Pokot	9 (6-13)	112 (86.1-144)	85 (59-119)	97.4 (74.8-124)	5 (3-7)	187 (145-239)	2 (1-3)	216 (153-292)	19 (13-28)	168 (119-233)	14 (10-22)	6 (4-10)
Madagascar	72 (49-106)	26.4 (13.8-40.6)	497 (347-712)	52.6 (37.7-69.6)	48 (32-73)	50.6 (33.9-70)	27 (16-45)	35.2 (16.4-56.8)	91 (62-133)	758 (526-1,070)	73 (49-109)	36 (22-59)
Malawi	44 (29-65)	5 (-6.7-16.6)	262 (180-370)	55.3 (37.5-71.4)	28 (18-42)	46.8 (28-66.4)	17 (10-28)	22.1 (4-42.6)	46 (31-67)	406 (278-584)	41 (27-60)	21 (12-34)
Mozambique	77 (55-102)	42.8 (29.5-58.2)	446 (320-586)	76.2 (60-94.2)	50 (35-68)	72.1 (54.7-91.4)	31 (20-45)	58.6 (37.4-80.5)	110 (78-148)	786 (568-1,050)	86 (60-118)	49 (31-73)
Rwanda	21 (14-31)	11.3 (0.5-24.7)	151 (105-217)	36.7 (24.4-52.4)	15 (10-22)	35.5 (21.1-54.1)	8 (5-14)	20.5 (3.6-41.5)	23 (16-34)	207 (142-295)	20 (13-30)	10 (6-16)
Somalia	22 (14-31)	80.5 (60.3-102)	123 (85-177)	102 (82.6-124)	14 (9-21)	99.5 (75.1-125)	9 (5-14)	94 (64.2-126)	39 (26-57)	248 (171-348)	28 (18-42)	17 (10-27)
South Sudan	22 (15-34)	10.9 (-0.3-22)	133 (92-186)	22.8 (11.8-36.2)	15 (10-23)	18.5 (5.8-31.8)	9 (5-15)	13.5 (-1.1-32.1)	24 (16-36)	163 (113-229)	18 (12-26)	10 (6-17)
Uganda	24 (17-35)	29.9 (15.5-43.4)	145 (103-200)	59.6 (43.3-73.7)	16 (11-23)	56.2 (37.1-75.8)	10 (6-15)	42.7 (21.6-66.3)	32 (22-45)	231 (163-322)	24 (17-35)	14 (8-21)
United Republic of Tanzania	185 (123-273)	39.5 (23.2-55.4)	1,230 (842-1,770)	66.4 (50.3-83.2)	117 (77-176)	64.4 (42-84.8)	66 (40-106)	55 (27.5-84.9)	258 (171-374)	2,040 (1,420-2,870)	192 (127-288)	102 (61-165)
Zambia	85 (57-123)	39.9 (24.3-59.8)	562 (394-789)	72.9 (56.6-93.8)	56 (37-83)	71.5 (53.3-98)	32 (19-50)	54.5 (32.5-80.8)	119 (80-175)	972 (675-1,350)	96 (64-142)	50 (30-80)
Southern Sub-Saharan Africa	28 (19-43)	-1.5 (-6-3.6)	175 (120-251)	6.1 (1.4-11)	25 (17-38)	6.2 (1-11.5)	14 (9-24)	5.1 (-1.1-11.5)	28 (19-42)	186 (129-269)	26 (18-39)	15 (9-25)
Botswana	1 (0-1)	6.2 (-6.6-27.1)	4 (3-6)	11.4 (-2.1-29.3)	1 (0-1)	12.6 (-1.1-34.9)	0 (0-1)	11.4 (-6.3-36.7)	1 (0-1)	5 (3-7)	1 (0-1)	0 (0-1)
Eswatini	1 (0-1)	-17.4 (-24.5--8.2)	3 (2-5)	-9.2 (-18.2-1.9)	1 (0-1)	-8.3 (-16.8-2.5)	0 (0-1)	-11.2 (-22.3-2)	1 (0-1)	3 (2-4)	0 (0-1)	0 (0-0)
Lesotho	1 (1-1)	-23.1 (-32.7--13.8)	5 (3-7)	-13.5 (-24.4--3.8)	1 (0-1)	-13 (-24.4--2.3)	0 (0-1)	-16.4 (-29--3.7)	1 (0-1)	4 (3-6)	1 (0-1)	0 (0-1)
Namibia	1 (1-1)	12 (-4.1-26.3)	6 (4-9)	13 (0.1-26.7)	1 (1-1)	13.9 (-2.6-29.4)	0 (0-1)	13.3 (-5.4-32.1)	1 (1-2)	7 (5-10)	1 (1-1)	1 (0-1)
South Africa	15 (11-23)	-6.4 (-10.8--2)	104 (71-148)	0.6 (-3.6-5.2)	14 (10-21)	0.1 (-4.7-5)	8 (5-13)	-0.8 (-6.8-5.3)	14 (10-22)	104 (73-150)	14 (10-21)	8 (5-12)
Eastern Cape	2 (2-4)	-27.6 (-36.3--17)	16 (10-23)	-24.4 (-32.4--13.5)	2 (2-4)	-23.8 (-32.8--12.6)	1 (1-2)	-24.2 (-35.1--10.6)	2 (1-3)	12 (8-18)	2 (1-3)	1 (1-2)
Free State	1 (1-1)	-24 (-33.5--12)	6 (4-8)	-19.1 (-28.1--6.2)	1 (1-1)	-18.2 (-28.5--5.7)	0 (0-1)	-17.3 (-30.1-0.9)	1 (0-1)	5 (3-7)	1 (0-1)	0 (0-1)
Gauteng	2 (2-4)	42.2 (24.3-75.9)	16 (11-22)	61.5 (43.3-92.9)	2 (1-3)	62.2 (42.1-99.6)	1 (1-2)	64.7 (39.3-109)	3 (2-5)	25 (18-37)	3 (2-5)	2 (1-3)
KwaZulu-Natal	4 (2-5)	-18.7 (-27.4--8.6)	24 (16-35)	-11.2 (-20.5-2.1)	3 (2-5)	-11 (-20.8-0.3)	2 (1-3)	-13 (-24.9-1.5)	3 (2-4)	21 (14-30)	3 (2-5)	2 (1-3)
Limpopo	2 (1-4)	-23.8 (-31.1--12.3)	16 (11-24)	-22.2 (-29.4--12.9)	2 (1-3)	-21.3 (-29.3--9.2)	1 (1-2)	-20.7 (-31.2--6)	2 (1-3)	13 (9-18)	2 (1-3)	1 (1-2)

Location	Birth , 2000	Births percent change (2000-2021)	All age cases, 2000	All age cases percent change (2000-2021)	All age deaths, 2000	All age deaths percent change (2000-2021)	Under-5 deaths, 2000	Under-5 deaths percent change (2000-2021)	Births, 2021	All age cases, 2021	All age deaths, 2021	Under-5 deaths, 2021
Mpumalanga	1 (1-2)	21.6 (2.2-38.5)	8 (6-12)	24 (7.8-38.5)	1 (1-2)	25.3 (5.3-42.8)	1 (0-1)	26.4 (0.9-49.9)	1 (1-2)	10 (7-15)	1 (1-2)	1 (0-1)
North-West	1 (1-2)	-29.7 (-38.6--15.8)	8 (5-12)	-24.3 (-34.4--12.8)	1 (1-2)	-23.9 (-34.1--8.9)	1 (0-1)	-23.1 (-34.9--4.4)	1 (1-1)	6 (4-9)	1 (1-1)	0 (0-1)
Northern Cape	0 (0-0)	54.1 (30-85.3)	2 (1-3)	54.6 (32.6-83.2)	0 (0-0)	55.4 (31.4-87.1)	0 (0-0)	51.1 (24.5-88.5)	0 (0-1)	3 (2-4)	0 (0-1)	0 (0-0)
Western Cape	1 (1-1)	4.8 (-14.5-25.2)	9 (6-12)	14.3 (-6.2-35.9)	1 (1-1)	15.4 (-6-37.6)	0 (0-1)	13.6 (-11.2-39.3)	1 (1-2)	10 (7-14)	1 (1-2)	0 (0-1)
Zimbabwe	10 (6-15)	7.5 (-5.1-21)	53 (35-77)	18.5 (5.6-31.7)	8 (5-12)	18.5 (4-33.2)	5 (3-8)	15.8 (-0.6-32.5)	10 (7-16)	63 (42-91)	9 (6-14)	6 (4-10)
Western Sub-Saharan Africa	6,450 (4,710-9,120)	38.2 (34.5-42.2)	25,900 (19,400-34,400)	61.6 (57.3-66.4)	4,590 (3,330-6,550)	63.2 (58.2-68.9)	3,350 (2,260-4,950)	56.4 (51.2-62.4)	8,920 (6,480-12,400)	41,900 (31,200-55,300)	7,490 (5,400-10,600)	5,240 (3,540-7,680)
Benin	35 (25-50)	71.4 (54.6-88.5)	142 (105-191)	83.8 (67-102)	27 (19-39)	84.1 (64.8-105)	20 (14-30)	81.4 (58.7-108)	60 (43-84)	262 (193-350)	50 (35-70)	36 (24-53)
Burkina Faso	228 (175-302)	73.7 (57.9-92.3)	878 (678-1,130)	82.3 (64.6-102)	174 (130-232)	83.1 (65.3-103)	133 (95-183)	81.4 (60.7-105)	396 (308-516)	1,600 (1,240-2,060)	318 (245-418)	241 (176-327)
Cabo Verde	1 (1-2)	-18.5 (-27.5--7.1)	8 (5-11)	-12.9 (-22.5--2.9)	1 (1-1)	-10.9 (-21.8-2.5)	0 (0-1)	-14.2 (-27.2-2)	1 (1-1)	7 (5-10)	1 (1-1)	0 (0-1)
Cameroon	93 (70-123)	46.9 (34.4-61.7)	394 (296-514)	76.5 (59.4-92.6)	70 (53-95)	75 (59.2-93.1)	51 (36-72)	64.9 (47.6-87.3)	136 (102-181)	696 (523-912)	123 (92-165)	84 (59-120)
Chad	123 (91-165)	86.7 (69.6-105)	442 (341-575)	102 (83.3-121)	88 (65-121)	101 (82.9-122)	69 (48-97)	98 (77.2-121)	229 (174-301)	891 (688-1,150)	178 (133-236)	136 (98-188)
Côte d'Ivoire	1,250 (992-1,570)	19.3 (8.2-31)	5,220 (4,120-6,610)	39.3 (27.4-54.1)	911 (708-1,150)	39.1 (26.2-54.3)	657 (477-866)	33.7 (18.4-52.3)	1,490 (1,170-1,930)	7,270 (5,720-9,240)	1,270 (987-1,650)	878 (635-1,160)
Gambia	17 (10-26)	11.5 (-0.6-28.5)	70 (47-102)	43 (28.5-59.6)	12 (7-18)	40.7 (24.7-63)	8 (5-14)	29.2 (12.8-52.5)	18 (12-29)	101 (70-142)	16 (10-25)	10 (6-18)
Ghana	148 (111-193)	25.9 (14.8-38.5)	722 (547-927)	41.4 (29.3-54.5)	120 (88-158)	39.4 (26.7-52.9)	82 (56-114)	31.9 (16.9-50)	187 (139-245)	1,020 (777-1,320)	167 (124-221)	108 (74-154)
Guinea	24 (16-34)	39.3 (24-55.6)	91 (65-126)	55.1 (39.5-73)	18 (12-27)	55.3 (36.2-74.5)	14 (9-21)	52.2 (32-73.4)	33 (23-47)	141 (102-193)	28 (19-41)	21 (14-31)
Guinea-Bissau	10 (6-15)	15 (3-28.8)	41 (28-59)	33.3 (20.7-48.4)	8 (5-12)	32.9 (18.1-49.4)	6 (3-9)	27.9 (11.6-49.2)	11 (7-18)	55 (37-79)	10 (6-16)	7 (4-12)
Liberia	252 (194-332)	2 (-7.5-12.1)	951 (749-1,210)	30.7 (18.4-43.7)	187 (143-248)	26.5 (14-41.1)	143 (105-197)	16.5 (3.5-30.5)	257 (196-331)	1,240 (958-1,590)	236 (181-306)	167 (121-228)
Mali	128 (98-169)	90.6 (70.1-109)	465 (359-603)	106 (86.6-126)	94 (69-126)	105 (82.6-126)	73 (52-100)	101 (74.5-124)	245 (185-330)	960 (742-1,250)	192 (145-264)	146 (104-207)
Mauritania	16 (10-25)	4.1 (-7.3-17.6)	83 (57-119)	29.9 (17.2-44.7)	13 (8-20)	27.1 (11.9-44.3)	8 (5-14)	14 (-2.4-33)	17 (11-25)	108 (74-153)	16 (10-24)	10 (5-16)
Niger	684 (542-901)	83.2 (67.3-102)	2,300 (1,820-2,930)	107 (89.6-129)	474 (370-632)	106 (84.5-127)	380 (285-517)	100 (76.9-126)	1,250 (994-1,640)	4,760 (3,760-6,060)	976 (763-1,280)	761 (578-1,030)
Nigeria	3,250 (2,080-4,990)	33.6 (30.1-37.1)	13,200 (9,150-18,800)	62.5 (57.9-67.5)	2,250 (1,430-3,530)	64.7 (59.4-70.9)	1,600 (973-2,730)	55.6 (50.7-62)	4,340 (2,780-6,670)	21,500 (15,000-30,200)	3,700 (2,350-5,740)	2,490 (1,500-4,220)
Sao Tome and Principe	2 (1-3)	-15.3 (-25.6--3.4)	9 (6-13)	8.7 (-3.8-21.3)	1 (1-2)	6.7 (-7.5-22.6)	1 (1-2)	-5.1 (-20.6-12.8)	1 (1-2)	10 (7-14)	1 (1-2)	1 (0-1)
Senegal	77 (57-105)	23.1 (14-34.6)	357 (270-466)	39.1 (27.2-52.4)	61 (44-84)	38.7 (27.1-52.9)	42 (28-60)	32.5 (18.3-50.1)	95 (72-129)	497 (373-653)	84 (63-115)	56 (39-81)
Sierra Leone	30 (22-43)	43.3 (28.2-59.9)	109 (80-147)	67.2 (50.8-83.2)	22 (16-32)	66.2 (48-86.9)	17 (11-26)	60 (40.4-84.2)	43 (30-62)	182 (134-246)	36 (25-53)	27 (18-41)
Togo	86 (65-117)	19.4 (9.4-31)	386 (293-507)	40.7 (28-55)	67 (50-92)	39.3 (27-53.7)	48 (33-68)	31.8 (16-48.5)	103 (76-137)	543 (409-704)	94 (69-126)	63 (43-88)

Table S13: Total sickle cell disease frequency: Birth rate, all-age prevalence and mortality rates, under-5 mortality rates, and mortality ranks , 2000 - 2021																										
Location	Birth Incidence rate (per 100,000 live births), 2000	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	All age rate (per 100,000 population), 2000	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	All age total SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Global	336 (275-403)	382 (316-456)	13.6 (11-16.4)	89.3 (75.5-105)	97.8 (82.2-116)	9.5 (7.1-12.2)	0.5 (0.4-0.6)	0.4 (0.3-0.6)	-6.5 (-26.7-22)	4.3 (3.5-5.3)	4.8 (3.8-5.9)	11 (8.3-14)	1.9 (1.2-2.7)	1.7 (1-2.2)	-11.8 (-37.2-27.8)	10.6 (7.7-14.2)	12.5 (9-16.6)	18.1 (13.6-22.8)	0.1 (0.1-0.2)	0.7 (0.5-0.9)	0.2 (0.2-0.3)	1.7 (1.1-2.3)	51	40	22	12
Central Europe, Eastern Europe, and Central Asia	1 (0.7-1.3)	0.6 (0.5-0.8)	-35.8 (-42.7--29.5)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-33.9 (-38.4--29.5)	0 (0-0)	0 (0-0)	-32.8 (-38.7--27.5)	0 (0-0)	0 (0-0)	-37 (-43.8--29.4)	0 (0-0)	0 (0-0)	-63 (-75.2--44.5)	0.1 (0.1-0.2)	0.1 (0-0.1)	-40.3 (-48.3--30.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	136	81	72
Central Asia	0.1 (0-0.2)	0.1 (0-0.1)	-2.3 (-13.7-0.8)	0 (0-0)	0 (0-0)	-10.2 (-22.6--4.1)	0 (0-0)	0 (0-0)	5.6 (-37.5-81.4)	0 (0-0)	0 (0-0)	-8 (-29.9--4.7)	0 (0-0)	0 (0-0)	-14.5 (-55.2-57.9)	0 (0-0)	0 (0-0)	-2.4 (-26.2-1.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	135	126	118
Armenia	0.1 (0-0.1)	0.1 (0-0.1)	-1.3 (-12.6-9.9)	0 (0-0)	0 (0-0)	-12.5 (-19.3--2.5)	0 (0-0)	0 (0-0)	62.7 (-8.4-161)	0 (0-0)	0 (0-0)	-9 (-30.3-2.1)	0 (0-0)	0 (0-0)	-37.2 (-70-40.1)	0 (0-0)	0 (0-0)	-1.8 (-25.2-9.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	132	132	106	100
Azerbaijan	0.1 (0-0.2)	0.1 (0-0.1)	-2.6 (-23.6-0.6)	0 (0-0)	0 (0-0)	-20.5 (-29.7--14.3)	0 (0-0)	0 (0-0)	-57.8 (-78.6--11.1)	0 (0-0)	0 (0-0)	-21.9 (-44.7--16.9)	0 (0-0)	0 (0-0)	-50.5 (-79.7-16.3)	0 (0-0)	0 (0-0)	-1.8 (-29.7-3.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	127	119	107
Georgia	0.1 (0-0.2)	0.1 (0-0.2)	-1.9 (-12.9-3.1)	0 (0-0)	0 (0-0)	-4.7 (-26.8-5.3)	0 (0-0)	0 (0-0)	-8.1 (-35.2-20.5)	0 (0-0)	0 (0-0)	3.2 (-19-7.6)	0 (0-0)	0 (0-0)	-65.3 (-79--46.2)	0 (0-0)	0 (0-0)	-1.6 (-24-3.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	135	108	100
Kazakhstan	0.1 (0-0.1)	0.1 (0-0.1)	-0.7 (-17.5-36.6)	0 (0-0)	0 (0-0)	5.6 (-13.9-56.4)	0 (0-0)	0 (0-0)	130 (81.4-183)	0 (0-0)	0 (0-0)	13.7 (-11.1-45)	0 (0-0)	0 (0-0)	95.6 (-8.3-330)	0 (0-0)	0 (0-0)	-1.2 (-21.9-21.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	132	115	104
Kyrgyzstan	0.1 (0-0.1)	0.1 (0-0.1)	-2.1 (-24.5-1)	0 (0-0)	0 (0-0)	-1.9 (-20.2-7.7)	0 (0-0)	0 (0-0)	17.4 (-8.6-49.7)	0 (0-0)	0 (0-0)	2 (-22.5-5.5)	0 (0-0)	0 (0-0)	-63 (-72.2--53.3)	0 (0-0)	0 (0-0)	-1.6 (-24.7-3.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	134	114	111
Mongolia	0.1 (0-0.2)	0.1 (0-0.1)	-2.7 (-23.8-3.4)	0 (0-0)	0 (0-0)	-8.9 (-29.7-1.9)	0 (0-0)	0 (0-0)	-56.7 (-80.4-12.1)	0 (0-0)	0 (0-0)	-2.1 (-26.2-2.4)	0 (0-0)	0 (0-0)	-65 (-88-4.6)	0 (0-0)	0 (0-0)	-3.3 (-29.7-2.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	128	124	110
Tajikistan	0.1 (0-0.2)	0.1 (0-0.2)	-2.2 (-21.3-1.8)	0 (0-0)	0 (0-0)	-13.2 (-24.3--8.3)	0 (0-0)	0 (0-0)	-31.3 (-66.1-48.5)	0 (0-0)	0 (0-0)	-14.5 (-34.1--11.2)	0 (0-0)	0 (0-0)	-16.4 (-62.6-98)	0 (0-0)	0 (0-0)	-2.1 (-24.5-2.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	129	116	114
Turkmenistan	0.1 (0-0.2)	0.1 (0-0.1)	-2.4 (-25.1-1.4)	0 (0-0)	0 (0-0)	-14.4 (-32.3--7.1)	0 (0-0)	0 (0-0)	116 (27.4-282)	0 (0-0)	0 (0-0)	-12.3 (-34.8--9.5)	0 (0-0)	0 (0-0)	57.6 (-12.5-212)	0 (0-0)	0 (0-0)	-2.3 (-26.9-2.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	129	121	113
Uzbekistan	0.1 (0-0.2)	0.1 (0-0.1)	-3 (-24-2)	0 (0-0)	0 (0-0)	-14.2 (-28.9--6.1)	0 (0-0)	0 (0-0)	289 (178-457)	0 (0-0)	0 (0-0)	-12.3 (-33.9--8.4)	0 (0-0)	0 (0-0)	225 (122-350)	0 (0-0)	0 (0-0)	-2.2 (-27.1-3.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	132	125	113	111
Central Europe	3.4 (2.4-4.9)	2.6 (1.9-3.5)	-24.8 (-32--16.7)	0.3 (0.2-0.4)	0.2 (0.2-0.2)	-33.8 (-38.9--28.7)	0 (0-0)	0 (0-0)	-35.3 (-41.6--28.2)	0 (0-0.1)	0 (0-0)	-36.7 (-44--29.3)	0 (0-0)	0 (0-0)	-75.5 (-84.6--62.2)	0.4 (0.3-0.7)	0.3 (0.2-0.5)	-26.9 (-36.8--15.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.3 (0.2-0.5)	122	126	45	32
Albania	0.7 (0.6-0.9)	0.7 (0.6-0.9)	-0.8 (-10-2.4)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-31.1 (-42.7--26.4)	0 (0-0)	0 (0-0)	-86.3 (-93.1--69.3)	0 (0-0)	0 (0-0)	-34.5 (-40.3--31.6)	0 (0-0.1)	0 (0-0)	-85.3 (-95.4--56.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.2 (-8.7-3.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	102	110	88	71
Bosnia and Herzegovina	0.2 (0.1-0.3)	0.2 (0.1-0.3)	-0.6 (-8.5-9.8)	0 (0-0.1)	0 (0-0.1)	-21.2 (-29.2--13.3)	0 (0-0)	0 (0-0)	-45.3 (-73.2-9.5)	0 (0-0)	0 (0-0)	-17.9 (-30.7--11.2)	0 (0-0)	0 (0-0)	-72.9 (-93.8--13.9)	0 (0-0)	0 (0-0)	-1.3 (-14.5-5.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	123	127	97	89
Bulgaria	0.2 (0.1-0.3)	0.2 (0.1-0.3)	-1.3 (-15-1.3)	0 (0-0.1)	0 (0-0)	-12.8 (-25.5--6.1)	0 (0-0)	0 (0-0)	-9.4 (-25.9-15.7)	0 (0-0)	0 (0-0)	-9.4 (-29.8--3.3)	0 (0-0)	0 (0-0)	-55.6 (-69.9--32.5)	0 (0-0)	0 (0-0)	-3 (-23.4-6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	109	108	101	80
Croatia	1.4 (1.1-1.9)	1.4 (1.1-1.7)	-6.8 (-16.8-5.2)	0.4 (0.3-0.5)	0.3 (0.3-0.4)	-18.2 (-26.5--8.6)	0 (0-0)	0 (0-0)	1.8 (-18.7-24.8)	0 (0-0)	0 (0-0)	-18.4 (-26.2--10.3)	0 (0-0)	0 (0-0)	-16.5 (-45.5-18.3)	0.1 (0.1-0.1)	0.1 (0-0.1)	-11.2 (-22.8--0.4)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	118	113	56	50
Czechia	0.1 (0-0.1)	0.1 (0-0.1)	-0.5 (-12.3-4.5)	0 (0-0)	0 (0-0)	-9.4 (-16.1-0)	0 (0-0)	0 (0-0)	-40 (-52.2--23.2)	0 (0-0)	0 (0-0)	-1.9 (-18-8.6)	0 (0-0)	0 (0-0)	-51.3 (-65.4--34.7)	0 (0-0)	0 (0-0)	-0.4 (-15.7-9.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	122	119	105	83
Hungary	0.2 (0.1-0.3)	0.2 (0.1-0.3)	-2.2 (-20.7-2.5)	0 (0-0.1)	0 (0-0)	-16.5 (-39.1--11)	0 (0-0)	0 (0-0)	-21.6 (-45--1.4)	0 (0-0)	0 (0-0)	-15.2 (-34.6--11)	0 (0-0)	0 (0-0)	-40.7 (-63.8--13.8)	0 (0-0)	0 (0-0)	-3.1 (-21.4-3.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	115	101	85
Montenegro	0.2 (0.1-0.3)	0.2 (0.1-0.3)	-0.9 (-10.6-8.4)	0.1 (0-0.1)	0 (0-0.1)	-16.2 (-26.3--11.8)	0 (0-0)	0 (0-0)	-53.7 (-74.3--13.4)	0 (0-0)	0 (0-0)	-15.1 (-32.5--5.5)	0 (0-0)	0 (0-0)	-67.9 (-93.7-14.3)	0 (0-0)	0 (0-0)	-1.5 (-20.7-18.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	119	117	95	71
North Macedonia	0.2 (0.2-0.3)	0.2 (0.2-0.3)	-1.3 (-16.9-13.3)	0.1 (0-0.1)	0 (0-0.1)	-18.2 (-34.2--3.4)	0 (0-0)	0 (0-0)	-58.6 (-76--25.5)	0 (0-0)	0 (0-0)	-16.4 (-35.5--9.6)	0 (0-0)	0 (0-0)	-91.7 (-98.2--75.4)	0 (0-0)	0 (0-0)	-1.9 (-23.8-8.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	121	123	99	64
Poland	10.4 (7-15.2)	6.8 (4.7-9.5)	-34.7 (-41.4--27)	0.8 (0.6-1)	0.4 (0.3-0.6)	-41.1 (-46.5--35.8)	0 (0-0)	0 (0-0)	-52.3 (-56.5--47.2)	0.1 (0.1-0.2)	0.1 (0-0.1)	-42.5 (-49.7--35.2)	0 (0-0)	0 (0-0)	-61.9 (-70.1--53.7)	1.3 (0.8-2)	0.8 (0.5-1.3)	-33.9 (-43.4--22.8)	0 (0-0)	0.7 (0.5-1.1)	0 (0-0)	1 (0.6-1.6)	117	115	19	13
Romania	0.6 (0.4-0.7)	0.6 (0.4-0.8)	2.2 (-5.2-25.3)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-16.3 (-25.3-4.4)	0 (0-0)	0 (0-0)	-16.4 (-35-5.1)	0 (0-0)	0 (0-0)	-11.4 (-17.2-8.5)	0 (0-0)	0 (0-0)	-49.1 (-65.6--29.9)	0 (0-0.1)	0 (0-0.1)	1.4 (-9.8-29)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	123	124	92	70
Serbia	0.1 (0-0.1)	0.1 (0-0.1)	0.6 (-4.1-28.9)	0 (0-0)	0 (0-0)	-16.6 (-26.3-27.4)	0 (0-0)	0 (0-0)	-65.5 (-81.8--42.2)	0 (0-0)	0 (0-0)	-21.1 (-25.3--8)	0 (0-0)	0 (0-0)	-81.1 (-93.9--43.2)	0 (0-0)	0 (0-0)	0.5 (-3.6-10.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	130	131	115	92
Slovakia	0.5 (0.4-0.6)	0.4 (0.3-0.5)	-5 (-24.4-16.5)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-20.3 (-36.7--3.7)	0 (0-0)	0 (0-0)	-59.1 (-77.5--22.9)	0 (0-0)	0 (0-0)	-17.1 (-33.7-4.7)	0 (0-0)	0 (0-0)	-73.4 (-92.3--15)	0 (0-0)	0 (0-0)	-4.9 (-24.6-18.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	120	124	82	70
Slovenia	0.3 (0.2-0.4)	0.3 (0.2-0.4)	-2.9 (-26-3.6)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-16.8 (-35.6--8.9)	0 (0-0)	0 (0-0)	-61.6 (-71.3--50.3)	0 (0-0)	0 (0-0)	-12.1 (-37.7--5.7)	0 (0-0)	0 (0-0)	-66.2 (-77.1--52.4)	0 (0-0)	0 (0-0)	-4.4 (-29.5-6.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	125	82	63
Eastern Europe	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-1 (-5.4-0.7)	0 (0-0)	0 (0-0)	-7 (-13.4--2.2)	0 (0-0)	0 (0-0)	-2.5 (-11.6-7.5)	0 (0-0)	0 (0-0)	4.9 (-4.8-12.1)	0 (0-0)	0 (0-0)	-30.2 (-52.8--0.7)	0 (0-0)	0 (0-0)	-1.4 (-5.4-1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	132	130	115	91
Belarus	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-1.6 (-21.7-1.8)	0 (0-0)	0 (0-0)	-10.2 (-40.7--2.2)	0 (0-0)	0 (0-0)	87.6 (21.6-211)	0 (0-0)	0 (0-0)	3.5 (-16-10.1)	0 (0-0)	0 (0-0)	-29.4 (-69.6-75.7)	0 (0-0)	0 (0-0)	-2.1 (-12.6-2.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	135	106	84
Estonia	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-1.1 (-26.6-2.8)	0 (0-0)	0 (0-0)	-11.3 (-45.5--3.4)	0 (0-0)	0 (0-0)	-14 (-35.4-14.4)	0 (0-0)	0 (0-0)	-3.5 (-23-1.6)	0 (0-0)	0 (0-0)	-52.2 (-68.8--30.3)	0 (0-0)	0 (0-0)	-1 (-14.4-3.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	132	104	82

Location	Birth incidence rate (per 100,000 live births), 2000	Birth incidence rate (per 100,000 live births), 2021	Birth incidence rate (per 100,000 live births) percent change (2000-2021)	All age rate (per 100,000 population), 2000	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	All age total SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Latvia	0.2 (0.1-0.2)	0.1 (0.1-0.2)	-2.8 (-40-7.8)	0 (0-0.1)	0 (0-0)	-14.5 (-49.5--6.5)	0 (0-0)	0 (0-0)	-31.8 (-55.8-3.3)	0 (0-0)	0 (0-0)	-2.7 (-33.5-6)	0 (0-0)	0 (0-0)	-79 (-85.6--71.2)	0 (0-0)	0 (0-0)	-2.6 (-23.9-3.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	135	109	81
Lithuania	0.2 (0.2-0.3)	0.2 (0.2-0.3)	2 (-6-42.5)	0.1 (0-0.1)	0 (0-0.1)	-15.7 (-22.2-24.9)	0 (0-0)	0 (0-0)	-1 (-27.9-34.9)	0 (0-0)	0 (0-0)	-8.1 (-13-15.8)	0 (0-0)	0 (0-0)	-61.1 (-74.1--47.7)	0 (0-0)	0 (0-0)	0 (-7.5-18.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	129	101	75
Republic of Moldova	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-1.2 (-18.2-2.2)	0 (0-0)	0 (0-0)	-22.5 (-40.6--12.7)	0 (0-0)	0 (0-0)	-16.3 (-29.5-3.9)	0 (0-0)	0 (0-0)	-19 (-31.1--13.5)	0 (0-0)	0 (0-0)	-44.9 (-64.8--15.9)	0 (0-0)	0 (0-0)	-1.7 (-13.1-3.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	135	110	101
Russian Federation	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-1 (-6-0.8)	0 (0-0)	0 (0-0)	-4.1 (-10.4-1.8)	0 (0-0)	0 (0-0)	-7.8 (-15.7-0.9)	0 (0-0)	0 (0-0)	9.1 (-2.8-18.2)	0 (0-0)	0 (0-0)	11 (-8.2-34)	0 (0-0)	0 (0-0)	-1.7 (-6.2--0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	133	117	90
Ukraine	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-0.7 (-8-2.1)	0 (0-0)	0 (0-0)	-10.5 (-21.5--6.6)	0 (0-0)	0 (0-0)	16.9 (-18-59.4)	0 (0-0)	0 (0-0)	-4.3 (-16.8--0.6)	0 (0-0)	0 (0-0)	-23.7 (-55.2-25.3)	0 (0-0)	0 (0-0)	-1.6 (-9.7-2.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	122	119	98	89
High-income	24.1 (21.5-26.9)	23 (20.4-25.7)	-4.7 (-6.1--2.9)	8.2 (7.6-8.9)	7.7 (7.1-8.3)	-6.7 (-8.1--5.4)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-15 (-18.1--12.3)	0.3 (0.3-0.3)	0.2 (0.2-0.3)	-11.4 (-13--9.7)	0.1 (0.1-0.1)	0 (0-0)	-37.7 (-44.6--32.1)	1.2 (1-1.5)	1 (0.8-1.3)	-15.7 (-19.3--11.9)	0 (0-0)	0.8 (0.7-1)	0 (0-0)	1.2 (0.9-1.5)	77	76	21	17
Australasia	2 (1.6-2.5)	2.1 (1.7-2.6)	2.8 (-3.9-11.7)	0.5 (0.4-0.7)	0.5 (0.4-0.6)	-9.7 (-14.4--3.9)	0 (0-0)	0 (0-0)	-74.5 (-78.5--68.6)	0 (0-0)	0 (0-0)	-7.3 (-13.5-0.6)	0 (0-0)	0 (0-0)	-87.9 (-91.3--83.9)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	2.9 (-6.4-15.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.3 (0.2-0.4)	102	113	44	39
Australia	1.7 (1.3-2.1)	1.7 (1.3-2.1)	-0.6 (-9.7-9.1)	0.4 (0.3-0.6)	0.4 (0.3-0.5)	-9.6 (-16.5--1.3)	0 (0-0)	0 (0-0)	-77.2 (-81.2--71.5)	0 (0-0)	0 (0-0)	-8.7 (-16.3-1.1)	0 (0-0)	0 (0-0)	-92.2 (-94.8--89.3)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	-0.4 (-11.6-14)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.3 (0.2-0.4)	102	114	46	37
New Zealand	3.5 (2.8-4.3)	4.1 (3.3-5.1)	15.1 (5.8-26.7)	1.1 (0.9-1.3)	1 (0.8-1.2)	-8.9 (-15.9--1.4)	0 (0-0)	0 (0-0)	7.8 (-10.6-33.3)	0.1 (0-0.1)	0 (0-0.1)	-3.2 (-14.3-8.3)	0 (0-0)	0 (0-0)	11.8 (-27.2-56.5)	0.3 (0.2-0.4)	0.3 (0.2-0.4)	18 (-0.9-36.7)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.3 (0.2-0.4)	102	99	40	35
High-income Asia Pacific	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.4 (-4.8-6)	0.1 (0-0.1)	0 (0-0.1)	-19.1 (-23.4--15.4)	0 (0-0)	0 (0-0)	-68.8 (-72.8--64.3)	0 (0-0)	0 (0-0)	-19.5 (-25.5--13.5)	0 (0-0)	0 (0-0)	-81.9 (-90.4--61)	0 (0-0)	0 (0-0)	-1.7 (-10.3-6.1)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	109	110	87	66
Brunei Darussalam	0.5 (0.4-0.7)	0.5 (0.4-0.7)	-0.1 (-9.6-10.3)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-18.1 (-25.3--6.2)	0 (0-0)	0 (0-0)	9.2 (-39-82.6)	0 (0-0)	0 (0-0)	-27.3 (-36.2--19.4)	0 (0-0)	0 (0-0)	9.7 (-71.3-217)	0.1 (0-0.1)	0.1 (0-0.1)	0.1 (-15.1-11.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	101	94	84	77
Japan	0.2 (0.1-0.3)	0.2 (0.2-0.3)	4.5 (-2-12.8)	0 (0-0.1)	0 (0-0.1)	-14.4 (-19.3--7.9)	0 (0-0)	0 (0-0)	-68.8 (-70.3--66.9)	0 (0-0)	0 (0-0)	-12.9 (-18.9--6)	0 (0-0)	0 (0-0)	-73.6 (-76.8--70.2)	0 (0-0)	0 (0-0)	3.3 (-4.4-12.1)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	107	109	82	72
Aichi	1 (0.8-1.4)	1 (0.8-1.4)	-0.2 (-12.5-13.8)	0.2 (0.2-0.3)	0.2 (0.2-0.3)	-16.1 (-26.5--4.9)	0 (0-0)	0 (0-0)	-71 (-75.3--66.5)	0 (0-0)	0 (0-0)	-15 (-25.7--3.4)	0 (0-0)	0 (0-0)	-72.5 (-80.2--64.8)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-1.3 (-16.9-15.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.3)	106	108	58	44
Akita	0.1 (0-0.3)	0.1 (0-0.3)	-0.8 (-2.4-0.9)	0 (0-0)	0 (0-0)	-27.4 (-33.5--21)	0 (0-0)	0 (0-0)	-60 (-66.4--49.5)	0 (0-0)	0 (0-0)	-27.2 (-34.9--24.3)	0 (0-0)	0 (0-0)	-70.4 (-78.8--59.4)	0 (0-0)	0 (0-0)	-1.4 (-9.3-4.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	112	92	78
Aomori	0.1 (0-0.3)	0.1 (0-0.3)	0.4 (-0.1-1.5)	0 (0-0.1)	0 (0-0)	-26.3 (-31.8--21.3)	0 (0-0)	0 (0-0)	-64.7 (-70.5--56.2)	0 (0-0)	0 (0-0)	-25.5 (-28.7--23.7)	0 (0-0)	0 (0-0)	-70.6 (-78.4--60.2)	0 (0-0)	0 (0-0)	-0.3 (-5.4-5.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	106	92	78
Chiba	0.4 (0.2-0.6)	0.4 (0.2-0.6)	0.4 (-6.6-17.8)	0.1 (0.1-0.1)	0.1 (0-0.1)	-21.5 (-28.7--9.7)	0 (0-0)	0 (0-0)	-70.1 (-73.7--65.4)	0 (0-0)	0 (0-0)	-18.9 (-22.5--0.1)	0 (0-0)	0 (0-0)	-70.2 (-75.7--63.7)	0 (0-0.1)	0 (0-0.1)	0.6 (-9.6-22.8)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	106	107	74	64
Ehime	0.1 (0-0.3)	0.1 (0-0.3)	-0.6 (-12.8-2.2)	0 (0-0.1)	0 (0-0)	-19.9 (-33.2--14.9)	0 (0-0)	0 (0-0)	-67.4 (-71.4--62)	0 (0-0)	0 (0-0)	-19.9 (-31--17.2)	0 (0-0)	0 (0-0)	-73.7 (-80.6--65.2)	0 (0-0)	0 (0-0)	-0.7 (-8.4-4.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	106	108	94	81
Fukui	0.1 (0-0.3)	0.1 (0-0.3)	-0.3 (-22.3-7.5)	0 (0-0.1)	0 (0-0)	-19 (-40.3--10.1)	0 (0-0)	0 (0-0)	-65.2 (-71.1--58.3)	0 (0-0)	0 (0-0)	-20.2 (-24.1--17.7)	0 (0-0)	0 (0-0)	-69.2 (-78.8--57.8)	0 (0-0)	0 (0-0)	-0.3 (-7.7-5.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	109	87	84
Fukuoka	0.1 (0-0.2)	0.1 (0-0.2)	1.3 (-1.5-6.8)	0 (0-0)	0 (0-0)	-15 (-21.1--6.8)	0 (0-0)	0 (0-0)	-70.6 (-75.2--65.4)	0 (0-0)	0 (0-0)	-12.2 (-16.4--11.2)	0 (0-0)	0 (0-0)	-70.5 (-77.9--60.7)	0 (0-0)	0 (0-0)	0.4 (-6.5-5.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	108	109	93	84
Fukushima	0.1 (0-0.3)	0.1 (0-0.2)	-0.3 (-3.6-5.4)	0 (0-0.1)	0 (0-0)	-25.4 (-31.3--18.5)	0 (0-0)	0 (0-0)	-63.2 (-69.1--54.5)	0 (0-0)	0 (0-0)	-24.5 (-29.1--21.2)	0 (0-0)	0 (0-0)	-69 (-77.6--59.3)	0 (0-0)	0 (0-0)	-0.2 (-5.4-5.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	108	110	92	84
Gifu	0.1 (0-0.2)	0.1 (0-0.2)	-1.1 (-9-5.8)	0 (0-0.1)	0 (0-0)	-19.5 (-28.1--11)	0 (0-0)	0 (0-0)	-68.9 (-74.7--63.4)	0 (0-0)	0 (0-0)	-21 (-27.4--17.4)	0 (0-0)	0 (0-0)	-73.6 (-79.6--64.5)	0 (0-0)	0 (0-0)	-2.2 (-8.2-4.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	106	107	90	80
Gunma	0.1 (0-0.2)	0.1 (0-0.2)	-0.9 (-0.8-6.2)	0 (0-0.1)	0 (0-0)	-20.8 (-26.8--13.1)	0 (0-0)	0 (0-0)	-66.5 (-71.7--60.5)	0 (0-0)	0 (0-0)	-22.5 (-27.3--18.8)	0 (0-0)	0 (0-0)	-75.2 (-82.5--67.9)	0 (0-0)	0 (0-0)	-1.5 (-7.2-4.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	108	109	94	81
Hiroshima	0.1 (0-0.2)	0.1 (0-0.2)	0.4 (-1.1-3.2)	0 (0-0)	0 (0-0)	-15.7 (-20.9--10.1)	0 (0-0)	0 (0-0)	-70 (-74.4--64.1)	0 (0-0)	0 (0-0)	-16 (-19.6--13.7)	0 (0-0)	0 (0-0)	-70.8 (-79.8--59.8)	0 (0-0)	0 (0-0)	-0.9 (-7-4.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	105	88	79
Hokkaidō	0.1 (0-0.2)	0.1 (0-0.2)	-3.2 (-10.2-4.7)	0 (0-0)	0 (0-0)	-25.8 (-31.6--17.7)	0 (0-0)	0 (0-0)	-66.6 (-73.6--58.6)	0 (0-0)	0 (0-0)	-24.3 (-57.2--15.3)	0 (0-0)	0 (0-0)	-66.8 (-76.1--56.6)	0 (0-0)	0 (0-0)	-3.8 (-41.1-7.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	109	92	87
Hyōgo	0.2 (0.1-0.3)	0.2 (0.1-0.3)	-1.5 (-17.5-1.6)	0 (0-0.1)	0 (0-0.1)	-20.1 (-34.9--7.8)	0 (0-0)	0 (0-0)	-68.8 (-73.8--62.4)	0 (0-0)	0 (0-0)	-19.3 (-42.3--15.4)	0 (0-0)	0 (0-0)	-73.9 (-81.1--65.2)	0 (0-0)	0 (0-0)	-2.5 (-32-5.6)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	106	107	82	73
Ibaraki	0.4 (0.2-0.6)	0.4 (0.2-0.6)	-2.2 (-29.3-1.6)	0.1 (0.1-0.1)	0.1 (0-0.1)	-22.4 (-37.7--12)	0 (0-0)	0 (0-0)	-66 (-71.2--59.1)	0 (0-0)	0 (0-0)	-22.5 (-45.7--17.3)	0 (0-0)	0 (0-0)	-68.9 (-77.1--57.1)	0 (0-0.1)	0 (0-0.1)	-3.2 (-36.7-8.3)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	106	107	72	64
Ishikawa	0.1 (0-0.2)	0.1 (0-0.2)	-0.5 (-3-3.3)	0 (0-0)	0 (0-0)	-18.4 (-24.7--10.4)	0 (0-0)	0 (0-0)	-70.1 (-74.7--65.3)	0 (0-0)	0 (0-0)	-18.8 (-21.7--12.5)	0 (0-0)	0 (0-0)	-77.2 (-83.6--64.4)	0 (0-0)	0 (0-0)	-1 (-7.3-7.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	104	108	88	79
Iwate	0.1 (0-0.3)	0.1 (0-0.3)	-0.2 (-4-3.5)	0 (0-0)	0 (0-0)	-22.3 (-27.9--17.5)	0 (0-0)	0 (0-0)	-68.6 (-73--61.6)	0 (0-0)	0 (0-0)	-22.2 (-25.4--19.8)	0 (0-0)	0 (0-0)	-71.6 (-79--63.2)	0 (0-0)	0 (0-0)	-1.4 (-7.3-5.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	108	90	77
Kagawa	0.1 (0-0.3)	0.1 (0-0.2)	-2.3 (-45.7-16.5)	0 (0-0.1)	0 (0-0)	-20.2 (-55.3-0.6)	0 (0-0)	0 (0-0)	-68.4 (-72.7--63.2)	0 (0-0)	0 (0-0)	-21.4 (-25.3--17.1)	0 (0-0)	0 (0-0)	-67.7 (-76.7--57.4)	0 (0-0)	0 (0-0)	-2.5 (-12.2-5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	105	90	80

Location	Birth incidence rate (per 100,000 live births), 2000	Birth incidence rate (per 100,000 live births), 2021	Birth incidence rate (per 100,000 live births) percent change (2000-2021)	All age rate (per 100,000 population), 2000	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	All age total SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Kagoshima	0.1 (0-0.3)	0.1 (0-0.3)	-0.9 (-3.6-2)	0 (0-0)	0 (0-0)	-19.3 (-24.2--13.1)	0 (0-0)	0 (0-0)	-63.4 (-68.3--59.1)	0 (0-0)	0 (0-0)	-16 (-17.4--13.7)	0 (0-0)	0 (0-0)	-74.5 (-80.4--66.5)	0 (0-0)	0 (0-0)	-1.1 (-10.1-5.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	109	109	95	83
Kanagawa	0.1 (0-0.3)	0.1 (0-0.3)	-1.2 (-13.4-4.9)	0 (0-0.1)	0 (0-0.1)	-20.9 (-28.4--13.1)	0 (0-0)	0 (0-0)	-69.8 (-74.4--64)	0 (0-0)	0 (0-0)	-18.6 (-36--14.4)	0 (0-0)	0 (0-0)	-77.4 (-81.8--71.2)	0 (0-0)	0 (0-0)	-2.4 (-27.5-8.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	108	112	87	74
Kōchi	0.1 (0-0.3)	0.1 (0-0.3)	0.7 (-7.2-43.5)	0 (0-0)	0 (0-0)	-20 (-28.5-19.6)	0 (0-0)	0 (0-0)	-65 (-69.9--59)	0 (0-0)	0 (0-0)	-19.4 (-22.8--16.7)	0 (0-0)	0 (0-0)	-68.2 (-75.8--54.1)	0 (0-0)	0 (0-0)	0.8 (-4.4-7.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	106	109	88	81
Kumamoto	0.1 (0-0.2)	0.1 (0-0.2)	-3.3 (-18.6-2.2)	0 (0-0.1)	0 (0-0)	-19.2 (-33.9--10.8)	0 (0-0)	0 (0-0)	-67.3 (-72.8--61.4)	0 (0-0)	0 (0-0)	-16.2 (-46.9--11.9)	0 (0-0)	0 (0-0)	-71.2 (-79.3--59.2)	0 (0-0)	0 (0-0)	-3.5 (-39.9-4.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	104	108	95	84
Kyōto	0.1 (0-0.2)	0.1 (0-0.2)	0.3 (-3.1-11.9)	0 (0-0)	0 (0-0)	-17.8 (-25.2--2.7)	0 (0-0)	0 (0-0)	-69.8 (-74.6--62.2)	0 (0-0)	0 (0-0)	-17 (-31--2.4)	0 (0-0)	0 (0-0)	-74.9 (-82.6--66.6)	0 (0-0)	0 (0-0)	-0.1 (-18.4-15.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	110	92	79
Mie	0.1 (0-0.2)	0.1 (0-0.2)	0.1 (-9-18.4)	0 (0-0.1)	0 (0-0)	-19.4 (-28.1--5.1)	0 (0-0)	0 (0-0)	-69.2 (-75.8--62.6)	0 (0-0)	0 (0-0)	-20.1 (-24--16.2)	0 (0-0)	0 (0-0)	-73.7 (-81.7--65.4)	0 (0-0)	0 (0-0)	-1 (-6.6-10.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	108	109	94	80
Miyagi	0.1 (0-0.2)	0.1 (0-0.2)	-1.2 (-26.3-12.5)	0 (0-0.1)	0 (0-0)	-22 (-47.4--12.4)	0 (0-0)	0 (0-0)	-67.8 (-73.4--61.3)	0 (0-0)	0 (0-0)	-20.1 (-23--16.9)	0 (0-0)	0 (0-0)	-70.5 (-78.3--62)	0 (0-0)	0 (0-0)	-2 (-6.7-2.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	106	89	79
Miyazaki	0.1 (0-0.3)	0.1 (0-0.3)	-0.1 (-4.2-7.8)	0 (0-0.1)	0 (0-0)	-19.2 (-26--12)	0 (0-0)	0 (0-0)	-63.7 (-69.1--57.9)	0 (0-0)	0 (0-0)	-18.9 (-20.9--16.8)	0 (0-0)	0 (0-0)	-67.4 (-76.2--54.9)	0 (0-0)	0 (0-0)	-1 (-8-9.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	109	112	92	85
Nagano	0.1 (0-0.2)	0.1 (0-0.2)	-0.3 (-11.1-3)	0 (0-0)	0 (0-0)	-19.6 (-30.2--11.4)	0 (0-0)	0 (0-0)	-67.6 (-72.6--62.2)	0 (0-0)	0 (0-0)	-20.9 (-26.4--18)	0 (0-0)	0 (0-0)	-69 (-75.7--57.9)	0 (0-0)	0 (0-0)	-1.3 (-14-5.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	108	92	78
Nagasaki	0.1 (0-0.3)	0.1 (0-0.2)	-2 (-23-2.9)	0 (0-0)	0 (0-0)	-22.2 (-43.2--11.7)	0 (0-0)	0 (0-0)	-66.7 (-72.9--59.7)	0 (0-0)	0 (0-0)	-20.3 (-37.1--17.2)	0 (0-0)	0 (0-0)	-69.8 (-78.7--59.1)	0 (0-0)	0 (0-0)	-2.1 (-19.6-5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	110	114	94	83
Nara	0.1 (0-0.2)	0.1 (0-0.2)	0.8 (-0.8-5.2)	0 (0-0)	0 (0-0)	-22.1 (-27.8--16.1)	0 (0-0)	0 (0-0)	-66.1 (-71.8--59.7)	0 (0-0)	0 (0-0)	-21.8 (-25.6--19.8)	0 (0-0)	0 (0-0)	-66.1 (-75.5--52.6)	0 (0-0)	0 (0-0)	-0.3 (-7.1-4.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	102	104	90	83
Niigata	0.1 (0-0.2)	0.1 (0-0.2)	1 (-1.8-4.4)	0 (0-0)	0 (0-0)	-19 (-24.5--9.9)	0 (0-0)	0 (0-0)	-66.3 (-72--58.8)	0 (0-0)	0 (0-0)	-19.1 (-23.5--2.1)	0 (0-0)	0 (0-0)	-76.4 (-81.8--70.4)	0 (0-0)	0 (0-0)	0.4 (-7.8-30.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	110	91	76
Ōita	0.1 (0-0.3)	0.1 (0-0.2)	-1.9 (-28.3-10)	0 (0-0.1)	0 (0-0)	-18.9 (-44.2--6.8)	0 (0-0)	0 (0-0)	-67.6 (-73--62)	0 (0-0)	0 (0-0)	-17.8 (-26.6--14.5)	0 (0-0)	0 (0-0)	-72.9 (-80.5--62.9)	0 (0-0)	0 (0-0)	-1.6 (-14.7-5.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	108	109	93	81
Okayama	0.1 (0-0.3)	0.1 (0-0.3)	-0.9 (-3.8-1.1)	0 (0-0.1)	0 (0-0)	-16.7 (-21.2--10.5)	0 (0-0)	0 (0-0)	-68.8 (-74.2--62.2)	0 (0-0)	0 (0-0)	-17.3 (-19.5--14.6)	0 (0-0)	0 (0-0)	-75 (-81--66.3)	0 (0-0)	0 (0-0)	-1.5 (-6.8-5.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	106	92	78
Okinawa	0.2 (0.1-0.4)	0.2 (0.1-0.4)	-1.7 (-7.2-1.5)	0.1 (0-0.1)	0 (0-0.1)	-19 (-28.6--11.1)	0 (0-0)	0 (0-0)	-68.6 (-73.6--62.1)	0 (0-0)	0 (0-0)	-15.8 (-28.3--12.7)	0 (0-0)	0 (0-0)	-74.7 (-81.4--65.8)	0 (0-0)	0 (0-0)	-2.8 (-20.2-8.4)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	110	114	84	75
Ōsaka	0.1 (0-0.3)	0.1 (0-0.3)	-0.6 (-2.4-1.9)	0 (0-0.1)	0 (0-0)	-20 (-26.5--10.3)	0 (0-0)	0 (0-0)	-69.6 (-73.4--64.4)	0 (0-0)	0 (0-0)	-19.7 (-22.7--16.4)	0 (0-0)	0 (0-0)	-72.6 (-79.9--63)	0 (0-0)	0 (0-0)	-1.6 (-6.9-5.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	106	107	87	80
Saga	0.1 (0-0.3)	0.1 (0-0.3)	0 (-0.7-1.1)	0 (0-0.1)	0 (0-0)	-18.5 (-24.8--13)	0 (0-0)	0 (0-0)	-66.8 (-72.2--58.3)	0 (0-0)	0 (0-0)	-17.7 (-19.7--16.2)	0 (0-0)	0 (0-0)	-76 (-83.4--67.4)	0 (0-0)	0 (0-0)	-1.4 (-7.1-3.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	110	108	95	81
Saitama	0.1 (0-0.2)	0.1 (0-0.2)	-0.6 (-1-4.8)	0 (0-0.1)	0 (0-0)	-21.8 (-27.5--14.8)	0 (0-0)	0 (0-0)	-69.8 (-74.4--65.4)	0 (0-0)	0 (0-0)	-20.7 (-24.3--17.3)	0 (0-0)	0 (0-0)	-78.2 (-83.3--70.5)	0 (0-0)	0 (0-0)	-1.1 (-7.2-6.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	107	92	79
Shiga	0.1 (0-0.2)	0.1 (0-0.2)	-2.9 (-18.2-3.8)	0 (0-0.1)	0 (0-0)	-19.4 (-32.1--9.3)	0 (0-0)	0 (0-0)	-68.4 (-73.4--62.7)	0 (0-0)	0 (0-0)	-20 (-52.6--15.4)	0 (0-0)	0 (0-0)	-76.1 (-83.3--65.9)	0 (0-0)	0 (0-0)	-3.4 (-40.8-4.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	107	91	78
Shimane	0.1 (0-0.2)	0.1 (0-0.3)	1.8 (-5.8-34)	0 (0-0)	0 (0-0)	-13.8 (-22.4-18.7)	0 (0-0)	0 (0-0)	-70.1 (-73.6--64.4)	0 (0-0)	0 (0-0)	-12.8 (-17-7.8)	0 (0-0)	0 (0-0)	-75 (-82.4--64.5)	0 (0-0)	0 (0-0)	1.3 (-5.6-37.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	104	106	90	78
Shizuoka	0.1 (0-0.2)	0.1 (0-0.2)	-1.5 (-10.9-2.7)	0 (0-0)	0 (0-0)	-21.4 (-30.2--15.5)	0 (0-0)	0 (0-0)	-66.6 (-72.1--61.2)	0 (0-0)	0 (0-0)	-21.1 (-23.7--17.8)	0 (0-0)	0 (0-0)	-68.6 (-75.1--57.9)	0 (0-0)	0 (0-0)	-1.6 (-8.9-4.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	105	108	90	84
Tochigi	0.1 (0-0.3)	0.1 (0-0.3)	-0.2 (-1.2-0.3)	0 (0-0.1)	0 (0-0)	-19.9 (-24.6--14.9)	0 (0-0)	0 (0-0)	-66.5 (-73.1--58.8)	0 (0-0)	0 (0-0)	-19.5 (-22.5--17)	0 (0-0)	0 (0-0)	-74.7 (-81.3--65.8)	0 (0-0)	0 (0-0)	-1.1 (-5.6-4.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	108	92	80
Tokushima	0.1 (0-0.3)	0.1 (0-0.3)	-2 (-34.2-9.3)	0 (0-0)	0 (0-0)	-21.4 (-46.8--8)	0 (0-0)	0 (0-0)	-63.7 (-70.1--56.6)	0 (0-0)	0 (0-0)	-19.9 (-36.8--16)	0 (0-0)	0 (0-0)	-72.5 (-81--60.5)	0 (0-0)	0 (0-0)	-1.4 (-14.9-6.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	110	93	83
Tōkyō	0.3 (0.1-0.4)	0.3 (0.1-0.4)	-1.6 (-24.1-2.7)	0.1 (0-0.1)	0.1 (0-0.1)	-13.6 (-32.1--4.7)	0 (0-0)	0 (0-0)	-71.7 (-76.3--65.6)	0 (0-0)	0 (0-0)	-6.1 (-27.7-5.6)	0 (0-0)	0 (0-0)	-80.2 (-85.7--73.2)	0 (0-0)	0 (0-0)	-2.6 (-29.6-8.3)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	110	112	76	65
Tottori	0.1 (0-0.3)	0.1 (0-0.3)	0 (-1.7-1.3)	0 (0-0.1)	0 (0-0)	-16.5 (-21.9--11.6)	0 (0-0)	0 (0-0)	-67.4 (-73.9--59.9)	0 (0-0)	0 (0-0)	-15.1 (-17.5--13.6)	0 (0-0)	0 (0-0)	-67.1 (-76--52.6)	0 (0-0)	0 (0-0)	-0.5 (-6.3-5.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	109	89	81
Toyama	0.1 (0-0.3)	0.1 (0-0.2)	0.2 (-1.3-6.8)	0 (0-0.1)	0 (0-0)	-18.4 (-27.1--10)	0 (0-0)	0 (0-0)	-66.1 (-71.3--60)	0 (0-0)	0 (0-0)	-19.2 (-23.1--16.4)	0 (0-0)	0 (0-0)	-75.2 (-83.6--68.2)	0 (0-0)	0 (0-0)	-0.8 (-6-5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	107	87	79
Wakayama	0.1 (0-0.3)	0.1 (0-0.2)	-0.9 (-4.2-0)	0 (0-0.1)	0 (0-0)	-20.5 (-25.4--14.7)	0 (0-0)	0 (0-0)	-67.9 (-72--62.6)	0 (0-0)	0 (0-0)	-20.5 (-22.9--17.7)	0 (0-0)	0 (0-0)	-68 (-78.3--58)	0 (0-0)	0 (0-0)	-1.4 (-6.3-5.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	106	106	91	81
Yamagata	0.1 (0-0.2)	0.1 (0-0.2)	-0.7 (-2.6-5.9)	0 (0-0)	0 (0-0)	-21.6 (-30.5--13.3)	0 (0-0)	0 (0-0)	-61.7 (-67.7--56.5)	0 (0-0)	0 (0-0)	-22.2 (-40.1--4.1)	0 (0-0)	0 (0-0)	-69.1 (-77.1--60.3)	0 (0-0)	0 (0-0)	-1.6 (-30.1-32)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	108	90	76
Yamaguchi	0.1 (0-0.2)	0.1 (0-0.2)	-0.9 (-35.5-43.3)	0 (0-0)	0 (0-0)	-18.8 (-51-21.1)	0 (0-0)	0 (0-0)	-67.6 (-74.3--60.4)	0 (0-0)	0 (0-0)	-18.7 (-33.8--15.7)	0 (0-0)	0 (0-0)	-68.6 (-78--57.8)	0 (0-0)	0 (0-0)	-0.9 (-12.8-8.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	111	94	84

Location	Birth incidence rate (per 100,000 live births), 2000	Birth incidence rate (per 100,000 live births), 2021	Birth incidence rate (per 100,000 live births) percent change (2000-2021)	All age rate (per 100,000 population), 2000	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	All age total SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Yamanashi	0.1 (0-0.3)	0.1 (0-0.3)	-0.1 (-3.9-2.8)	0 (0-0.1)	0 (0-0)	-22.5 (-27.4--16.4)	0 (0-0)	0 (0-0)	-64 (-69.9--55)	0 (0-0)	0 (0-0)	-23.9 (-34.3--20.7)	0 (0-0)	0 (0-0)	-75.6 (-82.5--67.3)	0 (0-0)	0 (0-0)	-1 (-10-5.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	104	104	90	77
Republic of Korea	0.5 (0.4-0.7)	0.5 (0.4-0.7)	-1 (-12.7-1.9)	0.1 (0.1-0.1)	0.1 (0-0.1)	-30 (-39.5--23.8)	0 (0-0)	0 (0-0)	-68.1 (-81.2--45.4)	0 (0-0)	0 (0-0)	-31.9 (-41--22.1)	0 (0-0)	0 (0-0)	-87.5 (-97.9--38.6)	0.1 (0-0.1)	0.1 (0-0.1)	-1.1 (-15.3-13.2)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.3 (0.2-0.4)	103	99	81	39
Singapore	0.4 (0.3-0.6)	0.4 (0.3-0.6)	-0.2 (-7.9-7)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-22.7 (-31.4--15.8)	0 (0-0)	0 (0-0)	-76 (-81.3--69.1)	0 (0-0)	0 (0-0)	-14.6 (-24.2--4.4)	0 (0-0)	0 (0-0)	-78.9 (-87.9--67.6)	0 (0-0.1)	0 (0-0.1)	-0.9 (-11.7-14.4)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	116	116	74	50
High-income North America	33.9 (31.5-36)	30.5 (28.4-32.5)	-9.8 (-11--8.2)	17.5 (16.3-18.6)	16.2 (15.3-17.3)	-7.6 (-9.3--6.2)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	-19.7 (-23--16.6)	0.4 (0.4-0.4)	0.4 (0.3-0.4)	-14.2 (-16.3--11.8)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-42.3 (-49--37.2)	1.3 (1.1-1.6)	0.8 (0.6-0.9)	-41.9 (-45.7--38.4)	0.1 (0.1-0.1)	0.8 (0.7-0.9)	0.1 (0.1-0.1)	0.6 (0.5-0.8)	57	63	22	23
Canada	1.7 (1.4-2.1)	0.8 (0.6-1.1)	-51.2 (-64.1--34)	0.5 (0.4-0.6)	0.3 (0.3-0.4)	-27.3 (-49.3--7.4)	0 (0-0)	0 (0-0)	-24.5 (-31.6--14)	0 (0-0)	0 (0-0)	-52.8 (-66.4--35.2)	0 (0-0)	0 (0-0)	-50.3 (-62.9--37)	0.2 (0.1-0.3)	0 (0-0.1)	-77.1 (-84.8--63.4)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	73	77	45	62
Greenland	2.3 (1.7-3.2)	2.3 (1.6-3.1)	-0.2 (-10.6-12.6)	0.5 (0.4-0.8)	0.5 (0.3-0.7)	-13.3 (-21.9-8.3)	0 (0-0)	0 (0-0)	-30.3 (-60.2-24.1)	0 (0-0.1)	0 (0-0)	-11.9 (-21.1-1.3)	0 (0-0)	0 (0-0)	-48.6 (-86-49.6)	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.4 (-12.4-20.6)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	103	104	63	48
United States of America	36.5 (34-38.8)	33.6 (31.2-35.7)	-8 (-9.2--6.4)	19.4 (18.1-20.5)	18 (17-19.2)	-7.2 (-8.9--5.7)	0.2 (0.2-0.2)	0.2 (0.1-0.2)	-20.2 (-23.5--17.2)	0.5 (0.4-0.5)	0.4 (0.4-0.4)	-13.6 (-15.7--11.2)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-42.5 (-49.1--37.5)	1.4 (1.2-1.7)	0.8 (0.7-1)	-40.9 (-44.7--37.3)	0.1 (0.1-0.1)	0.8 (0.7-1)	0.1 (0.1-0.1)	0.7 (0.5-0.9)	57	63	22	23
Alabama	77.7 (71.9-83.4)	69.7 (64.3-75)	-10.2 (-14.3--6)	37.3 (34.4-40.1)	35 (32.5-38.2)	-6.2 (-12.1--0.6)	0.4 (0.4-0.4)	0.3 (0.3-0.4)	-19.1 (-33.7--4.9)	1 (0.9-1.1)	0.8 (0.8-0.9)	-15.7 (-20.2--11)	0.3 (0.3-0.3)	0.2 (0.2-0.2)	-33.2 (-43.8--23)	3.6 (2.9-4.4)	2.1 (1.6-2.6)	-42.3 (-50--34)	0.1 (0.1-0.1)	1.6 (1.3-1.9)	0.1 (0.1-0.1)	1.3 (0.9-1.7)	51	54	14	18
Alaska	11 (8.2-14.3)	10.2 (7.6-13)	-7.2 (-14.5-0.1)	6.3 (4.6-8.6)	5.5 (4-7.2)	-12.9 (-18.6--6.8)	0 (0-0.1)	0 (0-0)	-10.6 (-26.5-5.8)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-16.3 (-23.7--8.9)	0 (0-0)	0 (0-0)	-36.3 (-51.9--2.9)	0.3 (0.2-0.4)	0.2 (0.1-0.3)	-27.1 (-43.9--13.8)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	85	87	55	56
Arizona	17.8 (16.1-19.2)	18.7 (17.1-20.2)	5 (-0.8-11.7)	9.7 (8.9-10.5)	9.7 (8.8-10.4)	0.2 (-5.4-6)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-17.2 (-31.1--1)	0.2 (0.2-0.2)	0.2 (0.2-0.2)	-0.9 (-5.9-4.6)	0.1 (0.1-0.1)	0.1 (0-0.1)	-43.2 (-56.4--30.9)	0.6 (0.5-0.7)	0.5 (0.4-0.6)	-18.6 (-27.3--9.1)	0 (0-0.1)	0.3 (0.3-0.4)	0 (0-0)	0.4 (0.3-0.5)	71	75	35	35
Arkansas	50.7 (45.7-55)	40.6 (36.3-44.8)	-20 (-24.2--15.4)	23.8 (21.6-25.7)	21.3 (19.3-23.4)	-10.6 (-16.2--5.5)	0.3 (0.3-0.3)	0.3 (0.2-0.3)	-7.5 (-23.4-9.9)	0.6 (0.6-0.7)	0.5 (0.4-0.5)	-25.8 (-30.3--21.5)	0.2 (0.2-0.3)	0.1 (0.1-0.2)	-37.2 (-50.8--20.6)	2.5 (2-3.2)	1 (0.8-1.4)	-58.8 (-64.3--52.7)	0.1 (0.1-0.1)	1.2 (0.9-1.5)	0.1 (0.1-0.1)	0.7 (0.4-0.9)	55	58	18	25
California	15.9 (14.8-17)	14.8 (13.8-15.9)	-7 (-10.9--0.8)	9.3 (8.6-10)	8.4 (7.9-9)	-9.1 (-12.6--5)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-25.7 (-39.9--14)	0.2 (0.2-0.2)	0.2 (0.2-0.2)	-10.2 (-14.5--5.1)	0.1 (0.1-0.1)	0 (0-0)	-57.1 (-65.1--48.4)	0.5 (0.4-0.6)	0.3 (0.3-0.4)	-36.2 (-43.7--27.4)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0 (0-0.1)	0.4 (0.3-0.5)	60	71	33	30
Colorado	11.4 (9.9-12.8)	9.5 (8-10.8)	-16.6 (-21.2--12.4)	6 (5.3-6.7)	4.9 (4.2-5.7)	-17.8 (-22.2--13.3)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-19.9 (-34.2--4.2)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-22.6 (-27.6--17.5)	0.1 (0.1-0.1)	0 (0-0)	-42.1 (-56.2--28.1)	0.5 (0.3-0.6)	0.3 (0.2-0.4)	-42.8 (-50.1--34.9)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.2 (0.2-0.3)	73	76	37	40
Connecticut	37 (34.3-39.2)	33.5 (30.6-36.3)	-9.5 (-13.9--3.9)	19 (17.4-20.2)	17.1 (15.7-18.5)	-10.1 (-14.2--4.8)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-24.6 (-39--13.2)	0.5 (0.4-0.5)	0.4 (0.4-0.4)	-14.3 (-18.5--9.3)	0.1 (0.1-0.1)	0 (0-0.1)	-46.9 (-58.7--32)	1.3 (1.1-1.7)	0.8 (0.6-1)	-41.2 (-49.1--32.6)	0.1 (0.1-0.1)	1 (0.8-1.2)	0.1 (0-0.1)	1 (0.7-1.3)	56	66	17	17
Delaware	85.5 (77.8-91.1)	83.8 (76.2-89.8)	-2 (-7.1-2.4)	42.7 (39-45.7)	40.4 (37.2-43.3)	-5.5 (-9.8--0.6)	0.2 (0.2-0.2)	0.2 (0.1-0.2)	-20.8 (-32--7.1)	1.1 (1-1.2)	1 (0.9-1.1)	-8.6 (-13.2--3.5)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	-21.8 (-39.9-3.8)	3.6 (2.9-4.4)	2.7 (2.1-3.4)	-25.9 (-35.8--16)	0.1 (0.1-0.1)	1.7 (1.3-2.1)	0.1 (0.1-0.1)	1.7 (1.2-2.2)	52	56	11	13
District of Columbia	150 (132-168)	110 (94.6-125)	-26.8 (-31.9--20.8)	60.7 (53-68.5)	51.9 (44.5-59)	-14.4 (-19.7--7.8)	0.6 (0.6-0.7)	0.3 (0.3-0.4)	-48.4 (-54.5--41.4)	1.9 (1.6-2.1)	1.4 (1.2-1.6)	-25.4 (-31.4--19.6)	0.6 (0.6-0.7)	0.3 (0.2-0.3)	-59.8 (-70.8--45.3)	9.7 (7.5-12.1)	4.3 (3.2-5.6)	-55.6 (-62.9--47.8)	0.2 (0.1-0.2)	2.5 (1.9-3.1)	0.1 (0.1-0.2)	2.4 (1.5-3.3)	45	49	11	11
Florida	69.7 (65-73.6)	63.5 (59.7-67.8)	-8.9 (-12.2--4.2)	34.8 (32.6-37.3)	32.5 (30.6-34.6)	-6.7 (-10.6--1.7)	0.2 (0.2-0.3)	0.2 (0.2-0.2)	-11.3 (-25.9-4.4)	0.8 (0.8-0.9)	0.7 (0.7-0.8)	-11.7 (-15.8--7.4)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	-51.2 (-58.9--43.5)	2.4 (2-2.9)	1.5 (1.2-1.8)	-37.6 (-44.6--30)	0.1 (0.1-0.1)	1.3 (1.1-1.5)	0.1 (0.1-0.1)	1.2 (1-1.5)	51	56	16	16
Georgia	73.2 (68.8-78.4)	70.7 (65.8-75.6)	-3.5 (-6.9-0.6)	40.1 (37.1-43)	38.3 (36.1-41.2)	-4.4 (-8.4--0.4)	0.4 (0.3-0.4)	0.3 (0.2-0.3)	-21.5 (-31.7--6.6)	0.9 (0.9-1)	0.8 (0.8-0.9)	-10.1 (-14.8--5.5)	0.3 (0.3-0.3)	0.2 (0.1-0.2)	-38.8 (-50--27.7)	2.8 (2.3-3.4)	1.9 (1.6-2.4)	-30.9 (-40.2--20.4)	0.1 (0.1-0.1)	1.3 (1.1-1.6)	0.1 (0.1-0.1)	1.3 (1-1.6)	50	53	16	16
Hawaii	5 (3.2-7.6)	2.9 (1.4-5)	-41.6 (-67.9--23.5)	2.4 (1.4-3.8)	1.4 (0.7-2.6)	-39.1 (-70.3--19.9)	0 (0-0.1)	0 (0-0)	-27 (-41.1--7.5)	0.1 (0-0.1)	0 (0-0.1)	-45.6 (-69.5--28.3)	0 (0-0)	0 (0-0)	-44.8 (-59.6--24.9)	0.3 (0.1-0.4)	0.1 (0-0.2)	-64.5 (-82--47)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	84	89	48	56
Idaho	3 (2.4-3.8)	3 (2.4-3.8)	-1.4 (-9.1-7)	1.5 (1.2-1.9)	1.4 (1.1-1.9)	-3.3 (-11.3-4.1)	0 (0-0)	0 (0-0)	-20.8 (-36.2--2.8)	0 (0-0.1)	0 (0-0)	-10.5 (-18.5--1.9)	0 (0-0)	0 (0-0)	-51.1 (-64.8--33.5)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-29.6 (-40.3--17.5)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	86	86	65	64
Illinois	28.8 (26.3-31.1)	21.9 (20-23.5)	-23.8 (-27.5--19.4)	14.2 (12.9-15.5)	11.8 (11-12.8)	-16.5 (-21.1--11.8)	0.2 (0.2-0.2)	0.2 (0.1-0.2)	-24.3 (-36.2--11)	0.4 (0.3-0.4)	0.3 (0.2-0.3)	-29.6 (-33.6--24.8)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	-56.3 (-63.8--46.3)	1.5 (1.2-1.8)	0.6 (0.4-0.7)	-61.9 (-68.1--54.4)	0.1 (0.1-0.1)	0.7 (0.6-0.9)	0.1 (0.1-0.1)	0.5 (0.4-0.7)	54	60	22	24
Indiana	26.4 (24.1-28.1)	23.9 (21.8-25.6)	-9.5 (-14.1--6)	13.3 (12.3-14.4)	12.3 (11.4-13.3)	-7.4 (-12.4--3.2)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	-11.9 (-26.7-5.2)	0.3 (0.3-0.4)	0.3 (0.3-0.3)	-15.6 (-20--10.8)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-35.7 (-47.6--18.4)	1.1 (0.9-1.3)	0.7 (0.5-0.8)	-39 (-46.6--30.2)	0.1 (0.1-0.1)	0.6 (0.5-0.7)	0.1 (0.1-0.1)	0.5 (0.3-0.6)	59	64	25	31
Iowa	14.7 (12.8-16.3)	13.8 (11.9-15.6)	-6.1 (-11--0.7)	7.9 (6.9-8.7)	7.6 (6.6-8.6)	-3.5 (-8.6-2)	0.1 (0.1-0.1)	0.1 (0-0.1)	-17.5 (-32.2--0.8)	0.2 (0.2-0.2)	0.2 (0.1-0.2)	-10.8 (-15.7--5.2)	0.1 (0.1-0.1)	0 (0-0)	-38.1 (-52.7--14.7)	0.4 (0.3-0.6)	0.3 (0.2-0.3)	-42.3 (-48.8--35)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	70	75	36	43
Kansas	19.8 (17.4-22.2)	15.4 (13.1-17.5)	-21.9 (-27.5--17.5)	9.9 (8.7-11.3)	8.2 (7.1-9.5)	-17.4 (-24--11.5)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	-16.4 (-32.5-2)	0.2 (0.2-0.3)	0.2 (0.2-0.2)	-27.3 (-31.9--21.7)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-50.8 (-62--35.8)	0.9 (0.7-1.1)	0.5 (0.3-0.6)	-48.3 (-55.4--40.7)	0.1 (0.1-0.1)	0.5 (0.4-0.7)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	57	67	26	32
Kentucky	13.5 (11.9-15)	12.5 (10.9-13.8)	-7.8 (-11.1--3.8)	6.6 (5.8-7.4)	6.3 (5.4-7)	-4.7 (-8.7-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	-5.1 (-21.2-10.1)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	-13.7 (-18.5--8.9)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-38.5 (-50.7--21.2)	0.6 (0.4-0.8)	0.4 (0.3-0.5)	-40.1 (-46.5--32.3)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0-0.1)	0.3 (0.2-0.4)	65	70	32	36
Louisiana	65.3 (59.9-70.3)	52.8 (48.6-57.1)	-19.1 (-23.4--14.3)	31.3 (29-33.6)	27.1 (25.2-29.1)	-13.3 (-17.4--8.6)	0.4 (0.4-0.4)	0.3 (0.3-0.4)	-16.7 (-28.9--2.7)	0.8 (0.8-0.9)	0.6 (0.6-0.7)	-25.4 (-29.6--20.8)	0.3 (0.3-0.4)	0.2 (0.2-0.2)	-39.7 (-50.3--27.4)	3.5 (2.9-4.2)	1.8 (1.4-2.2)	-49.7 (-57.2--40.8)	0.1 (0.1-0.2)	1.5 (1.2-1.8)	0.1 (0.1-0.1)	1 (0.8-1.2)	49	54	14	18
Maine	1.8 (1.2-2.9)	1.1 (0.6-1.7)	-40.4 (-59.9--15.5)	0.9 (0.6-1.5)	0.5 (0.3-0.8)	-47.4 (-67.1--22.7)	0 (0-0)	0 (0-0)	-8.5 (-25.6-11.6)	0 (0-0)	0 (0-0)	-44.3 (-64--22.1)	0 (0-0)	0 (0-0)	-34.9 (-54.7--6.1)	0 (0-0.1)	0 (0-0)	-46.7 (-75.5--29.8)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	82	84	69	77
Maryland	90.8 (84.2-97.5)	84.4 (79-90.1)	-7 (-11.4--2.9)	49.3 (46-53)	46 (42.9-49.3)	-6.7 (-10.8--2)	0.3 (0.3-0.3)	0.2 (0.2-0.3)	-27.6 (-39.4--15.3)	1.1 (1-1.2)	1 (0.9-1.1)	-11 (-15.7--6.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	-47.8 (-56.8--36.6)	3.4 (2.8-4.2)	2 (1.6-2.5)	-40.4 (-48.3--31.8)	0.1 (0.1-0.1)	1.9 (1.5-2.3)	0.1 (0.1-0.1)	1.9 (1.4-2.4)	50	55	11	12
Massachusetts	30 (27.4-32.1)	27.1 (24.6-28.9)	-10 (-13.6--4.9)	15.6 (14.4-16.6)	14 (12.8-15.1)	-9.9 (-14.2--5.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-30.5 (-43.2--14.1)	0.4 (0.3-0.4)	0.3 (0.3-0.4)	-13.4 (-18.1--8.8)	0.1 (0.1-0.1)	0 (0-0)	-43.5 (-57.9--24.8)	1.1 (0.9-1.4)	0.6 (0.5-0.8)	-41.1 (-48.8--32.7)	0.1 (0-0.1)	1 (0.8-1.2)	0 (0-0.1)	0.8 (0.6-1.1)	63	70	17	18

Location	Birth incidence rate (per 100,000 live births), 2000	Birth incidence rate (per 100,000 live births), 2021	Birth incidence rate (per 100,000 live births) percent change (2000-2021)	All age rate (per 100,000 population), 2000	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	All age total SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Michigan	39.2 (36.4-42)	34.8 (32.6-37.2)	-11.2 (-15--7.3)	20 (18.5-21.3)	17.8 (16.8-19)	-11.2 (-16.2--6.8)	0.2 (0.2-0.2)	0.2 (0.1-0.2)	-19.5 (-30.9--5.4)	0.5 (0.4-0.5)	0.4 (0.4-0.4)	-17.3 (-21.5--12.8)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-34.9 (-47.2--23.4)	1.6 (1.3-2)	0.9 (0.7-1.1)	-44.5 (-53--36.2)	0.1 (0.1-0.1)	0.9 (0.7-1.1)	0.1 (0.1-0.1)	0.7 (0.5-0.8)	54	59	19	22
Minnesota	13.3 (11.5-14.9)	11.9 (10.2-13.7)	-10.6 (-15.5--4.8)	7.2 (6.2-8.1)	6.5 (5.6-7.5)	-9.9 (-14.9--3.4)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-18.3 (-34.3--1.5)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	-14.7 (-20.7--7.8)	0.1 (0.1-0.1)	0 (0-0.1)	-36.2 (-52.5--17.7)	0.5 (0.4-0.6)	0.3 (0.2-0.4)	-42.4 (-50--34.7)	0.1 (0-0.1)	0.4 (0.3-0.5)	0 (0-0.1)	0.3 (0.2-0.4)	67	74	33	38
Mississippi	94.8 (87.4-102)	79.1 (72.8-85.6)	-16.6 (-19.7--12.5)	43 (39.7-45.6)	38.3 (35.2-41.2)	-10.9 (-14.6--6.5)	0.4 (0.4-0.5)	0.4 (0.3-0.5)	-11.1 (-22.7-4)	1.2 (1.1-1.4)	0.9 (0.9-1)	-23.9 (-27.9--19.5)	0.4 (0.3-0.4)	0.2 (0.2-0.2)	-45.7 (-56.3--34.6)	5.3 (4.4-6.5)	2.8 (2.2-3.5)	-47.9 (-55.3--40.1)	0.1 (0.1-0.2)	2 (1.6-2.4)	0.1 (0.1-0.1)	1.6 (1.1-2.1)	48	53	13	15
Missouri	37.2 (34.2-40.4)	32.5 (29.7-34.8)	-12.7 (-16.8--8.2)	18 (16.5-19.5)	16.3 (15.1-17.6)	-9.1 (-12.7--3.7)	0.2 (0.2-0.2)	0.2 (0.1-0.2)	-11.6 (-25.5-4.9)	0.5 (0.4-0.5)	0.4 (0.3-0.4)	-18.2 (-22.3--13.7)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-26.1 (-40.4--12.8)	1.6 (1.3-2)	0.9 (0.7-1.1)	-44.2 (-51.3--36.5)	0.1 (0.1-0.1)	1 (0.8-1.1)	0.1 (0.1-0.1)	0.7 (0.5-0.8)	54	62	20	25
Montana	0.9 (0.5-1.5)	0.9 (0.5-1.3)	-5.6 (-35.6-29.8)	0.5 (0.2-0.8)	0.4 (0.2-0.7)	-9.6 (-37.3-25.3)	0 (0-0)	0 (0-0)	-11.4 (-25.8-5.4)	0 (0-0)	0 (0-0)	-11.8 (-36.9-17.5)	0 (0-0)	0 (0-0)	-35.7 (-53.1--14.7)	0 (0-0)	0 (0-0)	-28.3 (-66.2--0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	87	87	94	92
Nebraska	12.5 (10.2-15.2)	9.4 (7.6-11.7)	-24.9 (-31.7--18)	6.4 (5.2-7.9)	5.1 (4-6.4)	-20.6 (-27.8--14.3)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-20.6 (-32.4--7.8)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	-28.9 (-35.2--22)	0.1 (0.1-0.1)	0.1 (0-0.1)	-29.6 (-49--1.6)	0.6 (0.4-0.8)	0.3 (0.2-0.4)	-49.9 (-57--42.3)	0 (0-0.1)	0.3 (0.2-0.5)	0 (0-0.1)	0.2 (0.2-0.4)	68	73	34	40
Nevada	31.7 (28.1-34.9)	29.8 (27-33.1)	-5.8 (-11-0.4)	17.1 (15.5-18.9)	16.3 (14.7-18.3)	-4.4 (-10.3-2.5)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-29.9 (-40.4--19.9)	0.4 (0.4-0.4)	0.4 (0.3-0.4)	-11.7 (-16.5--6.8)	0.1 (0.1-0.1)	0.1 (0-0.1)	-48.1 (-60.5--35)	1.2 (0.9-1.5)	0.7 (0.6-0.9)	-38.1 (-46.6--29.3)	0.1 (0.1-0.1)	0.7 (0.6-1)	0.1 (0-0.1)	0.7 (0.5-1)	66	71	23	24
New Hampshire	3.3 (2.3-4.4)	3.1 (2.3-4)	-4.8 (-17.7-7)	1.5 (1.1-2)	1.4 (1-1.8)	-11.3 (-20.3-0.7)	0 (0-0)	0 (0-0)	-11.2 (-26.6-7.3)	0 (0-0.1)	0 (0-0)	-11.9 (-24.9--0.4)	0 (0-0)	0 (0-0)	-30 (-48-0.2)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-37.4 (-55.2--22.4)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	80	85	49	57
New Jersey	49 (45.3-52.9)	44 (41-46.9)	-10.2 (-14.2--6.1)	26.3 (24.4-28.3)	23.9 (22.3-25.7)	-9 (-12.7--4.9)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	-35.4 (-47--23.8)	0.6 (0.6-0.7)	0.5 (0.5-0.6)	-14.1 (-18.2--9.8)	0.1 (0.1-0.2)	0.1 (0-0.1)	-61 (-69.5--52.8)	1.7 (1.4-2)	0.9 (0.8-1.2)	-43.2 (-50.1--35.6)	0.1 (0.1-0.1)	1.1 (0.9-1.3)	0.1 (0.1-0.1)	1.3 (1-1.7)	52	57	15	14
New Mexico	3.4 (2.6-4.3)	3.3 (2.5-4.3)	-3 (-10.9-7.4)	2 (1.5-2.6)	1.8 (1.3-2.4)	-10.1 (-16.5--0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-0.1 (-18.2-20.4)	0 (0-0.1)	0 (0-0.1)	-9.9 (-17.7-1.2)	0 (0-0.1)	0 (0-0)	-46.2 (-59.5--28)	0.1 (0-0.1)	0 (0-0.1)	-14.3 (-29.7-3.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	80	83	79	77
New York	56.2 (52.5-60.4)	53.4 (49.9-56.9)	-5 (-9.8--1)	33.8 (31.9-36.2)	31.8 (29.9-34.1)	-6 (-9.6--1.6)	0.2 (0.2-0.2)	0.2 (0.1-0.2)	-27.7 (-39.2--14.8)	0.7 (0.6-0.7)	0.6 (0.6-0.7)	-6.3 (-11.8--1.3)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	-58 (-64.4--48.6)	1.3 (1-1.7)	0.8 (0.6-1)	-41.8 (-50.4--32.5)	0.1 (0.1-0.1)	0.9 (0.7-1.1)	0.1 (0.1-0.1)	0.9 (0.7-1.2)	54	59	22	18
North Carolina	58.5 (54.6-62.2)	53.7 (50.2-57.7)	-8.1 (-12--4.2)	31 (28.7-33.1)	28.5 (26.9-30.4)	-8 (-12--3.8)	0.3 (0.3-0.3)	0.2 (0.2-0.3)	-19.7 (-30.5--4.8)	0.7 (0.7-0.8)	0.6 (0.6-0.7)	-14.2 (-18.8--9.7)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	-36 (-46.2--25.7)	2.2 (1.8-2.7)	1.4 (1.1-1.7)	-37.5 (-45.9--28.9)	0.1 (0.1-0.1)	1 (0.9-1.3)	0.1 (0.1-0.1)	0.9 (0.7-1.2)	52	58	17	19
North Dakota	0.7 (0.3-1.3)	0.6 (0.2-1.2)	-11 (-53.9-2.8)	0.4 (0.2-0.8)	0.4 (0.1-0.8)	-9.2 (-48.6-8.2)	0 (0-0.1)	0 (0-0.1)	-4.2 (-22-11.3)	0 (0-0)	0 (0-0)	-13.9 (-55.1-0.6)	0 (0-0)	0 (0-0)	-23.6 (-43.1-2.8)	0 (0-0)	0 (0-0)	-32.8 (-71.4--8.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	76	82	89	94
Ohio	29.1 (26.9-31.4)	26.1 (24.2-27.7)	-10.3 (-13.7--5.9)	14.5 (13.3-15.6)	13.5 (12.6-14.5)	-6.9 (-10.8--2.9)	0.2 (0.2-0.2)	0.2 (0.1-0.2)	-5 (-19.6-10.5)	0.4 (0.3-0.4)	0.3 (0.3-0.3)	-15.9 (-20.9--11.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-25.6 (-38--8.6)	1.3 (1-1.5)	0.7 (0.6-0.8)	-45.5 (-53.6--36.3)	0.1 (0.1-0.1)	0.7 (0.6-0.9)	0.1 (0.1-0.1)	0.4 (0.3-0.6)	54	59	21	30
Oklahoma	20.1 (17.9-22.5)	14 (12.2-16)	-30.3 (-34.5--24.6)	9 (8-10.2)	7 (6.1-8)	-22.3 (-26.7--15.5)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	-16.1 (-30.4--4.8)	0.3 (0.2-0.3)	0.2 (0.1-0.2)	-36 (-40.8--31.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-34.8 (-45.6--19.7)	1.1 (0.9-1.4)	0.5 (0.3-0.6)	-56.7 (-62.9--50)	0.1 (0.1-0.1)	0.5 (0.4-0.7)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	62	67	24	38
Oregon	7.4 (6.2-8.9)	7.2 (6.1-8.5)	-3.9 (-8.4-2.8)	3.7 (3-4.3)	3.4 (2.9-4.1)	-6.7 (-11.4-0.3)	0 (0-0)	0 (0-0)	-20.3 (-34.5--0.6)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-11 (-17--4.4)	0 (0-0)	0 (0-0)	-44.2 (-59.3--21.6)	0.3 (0.2-0.4)	0.2 (0.1-0.3)	-33.6 (-40.5--24.8)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.3)	80	84	39	42
Pennsylvania	26.2 (24.4-28)	23.3 (21.6-25)	-10.9 (-14.7--6.2)	12.4 (11.6-13.5)	11.5 (10.7-12.3)	-7 (-11.7--2.9)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	-22.3 (-36.3--8.8)	0.3 (0.3-0.3)	0.3 (0.3-0.3)	-14.8 (-19.2--9.9)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-31.8 (-44.8--17.8)	1.1 (0.9-1.4)	0.6 (0.5-0.8)	-43.9 (-52.7--34.8)	0.1 (0.1-0.1)	0.7 (0.6-0.9)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	55	60	21	27
Rhode Island	32 (27.6-37.5)	23.8 (20.3-27.7)	-25.6 (-32--18.4)	17.1 (15-19.9)	13.8 (11.8-15.9)	-19.5 (-24.6--12.3)	0.1 (0.1-0.1)	0.1 (0-0.1)	-36.5 (-47.3--22.2)	0.4 (0.3-0.5)	0.3 (0.2-0.3)	-27.7 (-34.6--19)	0.1 (0-0.1)	0 (0-0)	-33.1 (-51.7--8.2)	1.2 (0.8-1.6)	0.4 (0.3-0.5)	-68 (-73.3--60.7)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.3 (0.2-0.4)	68	72	19	33
South Carolina	70.4 (65-75.7)	57.4 (52.9-61.6)	-18.5 (-22.2--14.1)	35.5 (32.6-38.5)	30.2 (28.2-32.4)	-15.1 (-17.8--12.1)	0.4 (0.4-0.5)	0.4 (0.3-0.4)	-17.5 (-30.9--5)	0.9 (0.8-1)	0.7 (0.6-0.7)	-24.1 (-28.1--19.7)	0.3 (0.3-0.3)	0.2 (0.1-0.2)	-39.1 (-49.3--28.1)	3 (2.5-3.7)	1.5 (1.2-1.8)	-51.3 (-57.8--43.5)	0.1 (0.1-0.1)	1.4 (1.2-1.7)	0.1 (0.1-0.1)	1.1 (0.8-1.4)	51	52	14	17
South Dakota	2.5 (1.5-4.4)	2.3 (1.4-3.5)	-9.7 (-29.4-6.1)	1.2 (0.7-2)	1.1 (0.7-1.9)	-5.1 (-16.3-8.6)	0.1 (0.1-0.1)	0.1 (0-0.1)	-17.9 (-30.7--1.6)	0 (0-0.1)	0 (0-0)	-15.8 (-37-1.1)	0.1 (0-0.1)	0 (0-0.1)	-29.2 (-47.7--6.7)	0.1 (0-0.2)	0.1 (0-0.1)	-44 (-70.8--16.8)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	77	81	69	77
Tennessee	45.7 (42.3-49.1)	41.1 (38.3-43.8)	-10 (-15.1--4.8)	21.6 (19.9-23.3)	19.8 (18.5-21.2)	-8 (-12.1--3.8)	0.2 (0.2-0.3)	0.2 (0.2-0.3)	-11.4 (-27-2.9)	0.6 (0.5-0.6)	0.5 (0.5-0.5)	-16.4 (-20.6--12.3)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	-33 (-43.8--18.9)	2.2 (1.8-2.6)	1.4 (1.1-1.7)	-37.3 (-46.9--28)	0.1 (0.1-0.1)	1 (0.8-1.2)	0.1 (0.1-0.1)	0.8 (0.6-1.1)	54	63	19	20
Texas	32.6 (30.3-34.9)	32.8 (30.4-35.5)	0.7 (-4.7-5.8)	19.2 (17.8-20.5)	19.1 (17.9-20.5)	-0.3 (-5.3-4)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	-23 (-34.8--10.6)	0.4 (0.4-0.4)	0.4 (0.4-0.4)	-4.3 (-9.1-1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-36.5 (-46.4--25.6)	1 (0.8-1.2)	0.7 (0.5-0.9)	-28.4 (-39--16.9)	0.1 (0.1-0.1)	0.6 (0.5-0.8)	0.1 (0.1-0.1)	0.5 (0.4-0.7)	56	64	25	27
Utah	5 (4.1-6.2)	4.5 (3.7-5.5)	-10.6 (-16.4--3)	3 (2.4-3.7)	2.7 (2.2-3.4)	-9.3 (-15.1--1.4)	0.1 (0-0.1)	0 (0-0)	-27 (-39.2--15.3)	0.1 (0.1-0.1)	0.1 (0-0.1)	-18 (-26.4--10.8)	0 (0-0.1)	0 (0-0)	-41.3 (-57.8--15.9)	0.2 (0.1-0.3)	0.1 (0.1-0.1)	-40.9 (-53--30.3)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	77	81	54	57
Vermont	5.4 (3.5-8.3)	5 (3.2-7.6)	-5.7 (-22.5-13.5)	3.3 (2.1-5)	3.1 (2-4.6)	-7.8 (-18.3-8.8)	0 (0-0)	0 (0-0)	-15.2 (-29.2-2)	0.1 (0-0.1)	0.1 (0-0.1)	-7.3 (-27.7-12.2)	0 (0-0)	0 (0-0)	-38.5 (-54.9--7.4)	0.1 (0.1-0.2)	0.1 (0-0.1)	-55.1 (-80.4--12.2)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0.1 (0-0.1)	85	87	58	68
Virginia	51 (47.5-54.5)	45.9 (42.4-49)	-10 (-14.3--5.4)	26.3 (24.7-28.1)	24.6 (22.9-26.3)	-6.5 (-10.6--2.1)	0.2 (0.2-0.2)	0.2 (0.1-0.2)	-23.5 (-36.1--10.8)	0.6 (0.6-0.7)	0.5 (0.5-0.6)	-15.1 (-19.4--10.5)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	-39.2 (-47.6--28.8)	2.3 (1.8-2.8)	1.2 (1-1.6)	-45.4 (-53.8--36)	0.1 (0.1-0.1)	1.3 (1.1-1.6)	0.1 (0.1-0.1)	1 (0.8-1.3)	52	58	15	17
Washington	11.7 (10.4-12.8)	11 (9.8-12.2)	-6.4 (-11--2)	6.5 (5.8-7.1)	5.8 (5.2-6.4)	-9.9 (-13.8--4.7)	0.1 (0.1-0.1)	0.1 (0-0.1)	-19.6 (-32.9--4.9)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-11.5 (-16.3--6.2)	0 (0-0.1)	0 (0-0)	-39.6 (-55--22.2)	0.4 (0.3-0.5)	0.2 (0.2-0.3)	-31.9 (-38.2--25.2)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.3)	73	78	35	40
West Virginia	7.1 (5.7-8.9)	6.2 (5-7.7)	-13.7 (-19.9--8)	3.5 (2.8-4.5)	3.1 (2.4-3.8)	-12.4 (-18.9--5.8)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	7.3 (-12.3-29.5)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-19 (-24.7--11.7)	0.1 (0.1-0.1)	0.1 (0-0.1)	-25 (-45.2-2.7)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	-44.5 (-52.8--34.6)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	70	77	45	56
Wisconsin	22.4 (20.3-24.4)	18.2 (16.3-19.9)	-18.6 (-22.8--14.1)	11.4 (10.3-12.5)	9.3 (8.4-10.3)	-18.2 (-23.2--13.7)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-16.9 (-31.1--2)	0.3 (0.2-0.3)	0.2 (0.2-0.2)	-23 (-27.1--18.3)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-40.5 (-55.6--23.3)	0.9 (0.7-1.1)	0.4 (0.3-0.6)	-47.7 (-53.9--40.6)	0.1 (0.1-0.1)	0.6 (0.4-0.7)	0.1 (0-0.1)	0.4 (0.3-0.5)	61	70	25	32
Wyoming	4.8 (2.8-7.7)	2.6 (1.3-4.8)	-47.1 (-62.8--32.8)	2.7 (1.6-4.5)	1.5 (0.8-2.8)	-45.8 (-60--33.5)	0.1 (0.1-0.1)	0 (0-0.1)	-18.5 (-32.5--3)	0.1 (0-0.1)	0 (0-0.1)	-50.6 (-67.2--36.6)	0 (0-0.1)	0 (0-0)	-45.8 (-59.8--24.4)	0.1 (0.1-0.2)	0 (0-0.1)	-72.1 (-89.4--40.7)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	80	84	67	78

Location	Birth incidence rate (per 100,000 live births), 2000	Birth incidence rate (per 100,000 live births), 2021	Birth incidence rate (per 100,000 live births) percent change (2000-2021)	All age rate (per 100,000 population), 2000	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	All age total SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Southern Latin America	0.6 (0.5-0.8)	0.8 (0.6-1)	24.1 (13.8-43.9)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	9.1 (-1-22.4)	0 (0-0)	0 (0-0)	-20.7 (-33.3--8.5)	0 (0-0)	0 (0-0)	3.6 (-7.1-25)	0 (0-0)	0 (0-0)	-62.4 (-76.3--45.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	24.4 (9.5-54.1)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	127	130	81	57
Argentina	0.4 (0.3-0.5)	0.4 (0.3-0.5)	0.6 (-8.9-34.6)	0.1 (0-0.1)	0.1 (0-0.1)	-10.2 (-21.1-8.4)	0 (0-0)	0 (0-0)	-29.8 (-43.2--14.5)	0 (0-0)	0 (0-0)	-17.1 (-27.8-10)	0 (0-0)	0 (0-0)	-68.9 (-80.7--50.3)	0.1 (0-0.1)	0.1 (0-0.1)	-0.6 (-13.8-34.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	129	93	74
Chile	1.4 (0.9-1.8)	2 (1.6-2.5)	52.3 (32.1-84.5)	0.3 (0.2-0.3)	0.3 (0.3-0.4)	22.7 (7.6-45.4)	0 (0-0)	0 (0-0)	-52.6 (-62--41.3)	0 (0-0)	0 (0-0)	20.4 (3.5-59.6)	0 (0-0)	0 (0-0)	-70.6 (-80.8--54.8)	0.2 (0.1-0.2)	0.3 (0.2-0.3)	52.9 (29-107)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.3 (0.2-0.4)	132	132	63	33
Uruguay	0.4 (0.2-0.6)	0.4 (0.3-0.6)	0 (-2.9-14.8)	0.1 (0-0.1)	0.1 (0-0.1)	-11 (-22.7-4.2)	0 (0-0)	0 (0-0)	45.5 (14.8-80.9)	0 (0-0)	0 (0-0)	-16 (-24.6--8.9)	0 (0-0)	0 (0-0)	-24.9 (-61.1-37.3)	0.1 (0-0.1)	0.1 (0-0.1)	-0.1 (-9-8.5)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	108	102	88	67
Western Europe	31.2 (26.1-37.4)	29.5 (24.4-35)	-5.4 (-7.9--2.7)	6.2 (5.4-7.1)	5.5 (4.8-6.3)	-11.3 (-13.2--9.6)	0 (0-0)	0 (0-0)	1.3 (-3.1-5)	0.4 (0.3-0.4)	0.3 (0.3-0.4)	-10.3 (-12.4--7.8)	0 (0-0)	0 (0-0)	-20.1 (-29.1--8.3)	2 (1.6-2.6)	1.9 (1.5-2.5)	-6.1 (-9.9--1.9)	0 (0-0)	1.8 (1.4-2.2)	0 (0-0)	2.8 (2.1-3.6)	80	72	14	10
Andorra	19.2 (14.9-24.2)	19.3 (15.1-24.6)	0.7 (-6.3-8.7)	4.1 (3.3-5)	3.4 (2.8-4)	-17 (-22.4--12.3)	0 (0-0)	0 (0-0)	-45.3 (-66.7--13.7)	0.2 (0.2-0.3)	0.2 (0.1-0.2)	-18.8 (-24.4--12.6)	0.1 (0-0.2)	0 (0-0.1)	-70.1 (-90.8--26.8)	1.3 (0.9-1.7)	1.3 (0.9-1.7)	-0.5 (-10.1-10.1)	0.1 (0.1-0.3)	1.9 (1.2-2.7)	0.1 (0.1-0.3)	5.6 (3.3-8.4)	55	56	16	5
Austria	16.2 (14.5-17.9)	22.9 (20.2-26)	41.7 (31.8-52.5)	3.8 (3.4-4.2)	4.2 (3.7-4.6)	9.8 (5.5-15.6)	0 (0-0)	0 (0-0)	8.7 (-2.8-23.6)	0.2 (0.2-0.2)	0.2 (0.2-0.3)	28.1 (18.8-38)	0 (0-0)	0 (0-0)	-18.4 (-41.3-5)	0.8 (0.7-1)	1.2 (1-1.6)	48.8 (31.4-67.7)	0 (0-0)	0.8 (0.6-1)	0 (0-0)	2.4 (1.8-3)	85	80	21	11
Belgium	13.2 (10.3-16.6)	12.7 (9.6-16.1)	-4.1 (-11.9-4.1)	2.2 (1.8-2.6)	2 (1.7-2.4)	-7.5 (-13.6--0.9)	0 (0-0)	0 (0-0)	9.3 (-3.9-23.3)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	-8.2 (-15-0.7)	0 (0-0)	0 (0-0)	-27.3 (-45.2--3.2)	1 (0.7-1.4)	0.9 (0.7-1.3)	-5.8 (-17.2-6.1)	0 (0-0)	0.8 (0.6-1.2)	0 (0-0)	1.4 (0.9-2.1)	74	72	23	17
Cyprus	55 (46-65.5)	55.4 (46.5-65.6)	0.8 (-6.3-9.1)	14.9 (13.1-17)	12.2 (10.6-13.9)	-17.9 (-22.3--12.7)	0.1 (0.1-0.1)	0 (0-0)	-63.6 (-73.7--51.7)	0.8 (0.6-0.9)	0.7 (0.6-0.8)	-13.5 (-19.8--6.3)	0 (0-0.1)	0 (0-0)	-67.6 (-81--36.2)	3.9 (2.9-5.2)	4 (2.9-5.3)	2.4 (-9.3-16.6)	0 (0-0)	3 (2.2-3.8)	0 (0-0)	8.2 (5.3-11.2)	77	77	10	4
Denmark	24.2 (19.5-29.3)	24.4 (19.8-29.2)	0.8 (-7.4-7.7)	5.8 (4.9-6.8)	5.3 (4.5-6.1)	-8.8 (-14.3--2.8)	0 (0-0)	0 (0-0)	5.1 (-9.3-25.2)	0.3 (0.2-0.4)	0.3 (0.2-0.3)	-7.9 (-14.3--1.9)	0 (0-0)	0 (0-0)	-8.6 (-39.7-25.3)	1.5 (1.1-2)	1.5 (1.1-2)	1.5 (-8.7-12)	0 (0-0)	1.4 (1-1.8)	0 (0-0)	2 (1.4-2.7)	104	93	14	9
Finland	22.5 (18.5-27.1)	22.1 (17.8-27.2)	-1.9 (-11.2-5.2)	5.1 (4.4-5.9)	4.4 (3.6-5.1)	-14.8 (-20.2--10.3)	0 (0-0)	0 (0-0)	17.6 (2.4-29.9)	0.3 (0.2-0.3)	0.2 (0.2-0.3)	-13.8 (-20--7.6)	0 (0-0)	0 (0-0)	-3.1 (-31.2-22.6)	1.3 (1-1.7)	1.2 (0.9-1.6)	-2.7 (-13.2-8.6)	0 (0-0)	1.6 (1.1-2)	0 (0-0)	3 (2.1-4.1)	104	95	14	10
France	57.8 (49.3-68.2)	53.6 (44.7-63.4)	-7.3 (-13.5-0)	11.1 (9.5-12.8)	9.8 (8.3-11.6)	-11.3 (-15.5--6.1)	0 (0-0)	0 (0-0)	7.6 (-3.3-19.6)	0.7 (0.6-0.9)	0.6 (0.5-0.7)	-15.3 (-20.5--9.8)	0.1 (0-0.1)	0.1 (0-0.1)	-1.5 (-22.3-23.4)	4.2 (3.2-5.4)	3.8 (2.9-4.8)	-11 (-18.9--2.5)	0.1 (0-0.1)	3.8 (3-4.9)	0.1 (0.1-0.1)	4.9 (3.6-6.3)	68	61	7	6
Germany	12.9 (11-15.2)	13 (10.9-14.9)	0.5 (-5.4-6.6)	2.9 (2.5-3.4)	2.6 (2.2-3)	-8.8 (-12.6--4)	0 (0-0)	0 (0-0)	29.8 (16.3-43.2)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-5.7 (-12.3-0.6)	0 (0-0)	0 (0-0)	-5.4 (-23.8-14.8)	0.8 (0.6-1)	0.8 (0.6-1)	0.6 (-8.8-11.4)	0 (0-0)	0.7 (0.6-0.9)	0 (0-0)	1.2 (0.9-1.5)	86	76	23	15
Greece	94.4 (77.6-117)	89.9 (74.7-107)	-4.8 (-16-8.7)	23 (19.8-26.6)	18.8 (16.5-21.1)	-18.3 (-22.7--11.9)	0 (0-0)	0.1 (0.1-0.1)	67.6 (45.5-95.5)	1 (0.9-1.3)	0.9 (0.7-1.1)	-13.9 (-23.7--3.7)	0 (0-0.1)	0.1 (0-0.1)	4 (-18.5-30.3)	5.9 (4.1-8)	5.7 (4.1-7.8)	-3.8 (-18.7-12.9)	0 (0-0)	4.8 (3.3-6.6)	0.1 (0-0.1)	6.8 (4.7-9.7)	63	57	4	4
Iceland	12.8 (9.3-17.1)	12.9 (9.4-17)	1 (-7.3-10.5)	3.3 (2.5-4.1)	2.9 (2.2-3.6)	-12.4 (-18.7--6.2)	0 (0-0)	0 (0-0)	38.1 (19.7-62.1)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	-13.9 (-20.7--5.2)	0 (0-0)	0 (0-0)	-16.5 (-37.6-12.6)	0.7 (0.4-1.1)	0.7 (0.4-1.1)	-0.4 (-10.4-13.5)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1.2 (0.7-2)	82	78	21	16
Ireland	18 (14-22.7)	18.2 (13.7-23.1)	0.9 (-8.3-9.3)	4.6 (3.7-5.5)	4.1 (3.2-4.9)	-9.9 (-14.8--3.8)	0 (0-0)	0 (0-0)	-19 (-31.4--6.2)	0.3 (0.2-0.3)	0.2 (0.2-0.3)	-8.3 (-15.8--1.1)	0 (0-0)	0 (0-0)	-36.1 (-51.8--18.5)	1.1 (0.8-1.6)	1.1 (0.8-1.6)	0.8 (-10.4-13.2)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	2 (1.4-2.9)	82	66	21	14
Israel	45.3 (36.1-57.4)	34.9 (27.4-43.8)	-22.8 (-32.7--15.4)	10.4 (8.7-12.5)	8.6 (7-10.4)	-17.3 (-24.5--12.2)	0 (0-0)	0 (0-0)	-14.7 (-25--0.2)	0.8 (0.6-1.1)	0.6 (0.5-0.8)	-26.9 (-36.1--16)	0.1 (0-0.1)	0 (0-0)	-56.7 (-68.9--44.1)	3.6 (2.4-5)	2.6 (1.8-3.6)	-28.3 (-39.6--14.1)	0 (0-0)	2.6 (1.8-3.5)	0.1 (0-0.1)	6.7 (4.5-9.7)	71	66	9	5
Italy	20 (17.1-23.1)	21.5 (18.4-24.5)	7.3 (4.8-10.9)	4.6 (4-5.2)	4.4 (3.8-5)	-5.5 (-8.7--3)	0 (0-0)	0 (0-0)	-43.1 (-49--37.1)	0.2 (0.2-0.2)	0.2 (0.2-0.2)	-0.1 (-2.9-3.2)	0 (0-0)	0 (0-0)	-52.7 (-63--43.3)	0.9 (0.7-1.1)	0.9 (0.7-1.2)	7.2 (2.8-11.9)	0 (0-0)	0.8 (0.6-1)	0 (0-0)	1.8 (1.4-2.2)	83	81	21	11
Abruzzo	7.8 (5.6-10.5)	8.6 (6.2-11.5)	10 (-3.7-22)	1.5 (1.1-2)	1.4 (1.1-1.9)	-7.2 (-17.8-2)	0 (0-0)	0 (0-0)	-44.5 (-52.2--34.8)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-3.7 (-13.1-7.2)	0 (0-0)	0 (0-0)	-49.6 (-64.6--33.4)	0.3 (0.2-0.5)	0.4 (0.2-0.5)	9.8 (-5.1-26.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.6 (0.4-0.9)	89	85	36	26
Basilicata	5.7 (3.7-8.4)	7.5 (5-11.3)	32.3 (17.4-53.8)	1.5 (1-2.1)	1.6 (1.1-2.1)	6.5 (-5-18.9)	0 (0-0)	0 (0-0)	-42.1 (-51.8--32.9)	0.1 (0-0.1)	0.1 (0-0.1)	6.8 (-6.2-23.6)	0 (0-0)	0 (0-0)	-40.7 (-61.7--4.8)	0.2 (0.1-0.4)	0.3 (0.2-0.5)	35.8 (12.7-64.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.5 (0.3-0.8)	86	85	47	29
Calabria	23.8 (20.3-27.5)	24.2 (19.9-28.5)	1.6 (-7-12.1)	7.1 (6.1-8.1)	6.2 (5.4-7.1)	-12.5 (-18.1--5.5)	0 (0-0)	0 (0-0)	-31.6 (-42.3--14.8)	0.3 (0.2-0.3)	0.2 (0.2-0.3)	-13.9 (-21.7--5.8)	0 (0-0)	0 (0-0)	-45.1 (-58.6--21.4)	0.9 (0.7-1.3)	1 (0.7-1.3)	1 (-11.9-14.9)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	1.2 (0.9-1.5)	76	79	16	12
Campania	10.1 (8.5-11.9)	12.1 (10.5-13.9)	19.6 (10.2-28.7)	3 (2.5-3.4)	2.9 (2.5-3.3)	-1.4 (-8.4-4.5)	0 (0-0)	0 (0-0)	-41.3 (-50.4--25.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-0.7 (-7.5-7.1)	0 (0-0)	0 (0-0)	-49.9 (-61.7--33.3)	0.5 (0.4-0.6)	0.6 (0.5-0.8)	20.7 (9.8-34)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	1 (0.7-1.4)	84	84	27	14
Emilia-Romagna	46.7 (39.2-53.8)	50.9 (43.4-57)	8.9 (-0.2-16.4)	8.1 (7.2-9.1)	8.3 (7.4-9.2)	2.5 (-2.9-8.3)	0 (0-0)	0 (0-0)	-47.3 (-58--38.4)	0.4 (0.4-0.5)	0.5 (0.4-0.5)	12.5 (5.1-20.6)	0 (0-0)	0 (0-0)	-56.4 (-68.8--41.2)	2.1 (1.7-2.7)	2.3 (1.8-2.9)	10.1 (-0.1-22.7)	0 (0-0)	2 (1.6-2.5)	0 (0-0)	4.8 (3.7-6.1)	84	81	11	7
Friuli-Venezia Giulia	34.5 (28-40.6)	35.8 (29.4-41.7)	3.8 (-4-18.7)	5.6 (4.7-6.5)	5.4 (4.6-6.2)	-2.3 (-9.1-6.6)	0 (0-0)	0 (0-0)	-49.9 (-57.9--40.5)	0.3 (0.3-0.4)	0.3 (0.3-0.4)	3.5 (-4.5-12.9)	0 (0-0)	0 (0-0)	-37.8 (-58.1--7.3)	1.4 (1.1-1.9)	1.5 (1.1-2)	2.7 (-8-14.4)	0 (0-0)	1.9 (1.4-2.7)	0 (0-0)	3.3 (2.4-4.5)	90	82	13	9
Lazio	13.6 (11.5-15.4)	15.9 (13.4-18.4)	16.7 (9.6-26.4)	3.3 (2.9-3.9)	3.4 (3-3.9)	1.9 (-2.9-9.1)	0 (0-0)	0 (0-0)	-46.3 (-55.6--35.3)	0.1 (0.1-0.2)	0.2 (0.1-0.2)	8 (1.2-16.1)	0 (0-0)	0 (0-0)	-62.1 (-71.7--51.3)	0.6 (0.4-0.7)	0.6 (0.5-0.8)	12.8 (1.9-24.9)	0 (0-0)	0.5 (0.4-0.6)	0 (0-0)	1.5 (1.1-2)	81	83	27	13
Liguria	34.1 (29-39.5)	36.7 (32-42.7)	7.9 (0.6-14.8)	6.5 (5.7-7.4)	6.5 (5.8-7.3)	-0.7 (-5.7-4.7)	0 (0-0)	0 (0-0)	-45 (-55.5--34.9)	0.3 (0.3-0.3)	0.3 (0.3-0.4)	5.3 (-1.8-12.3)	0 (0-0)	0 (0-0)	-49.7 (-63.9--26)	1.6 (1.2-2.1)	1.8 (1.4-2.4)	12.4 (-0.7-26.8)	0 (0-0)	1.5 (1.1-1.9)	0 (0-0)	3.5 (2.6-4.5)	80	79	11	9
Lombardia	13.3 (11-16)	14 (11.8-16.1)	5.3 (-3.2-13.1)	3.1 (2.6-3.7)	3 (2.6-3.5)	-3.6 (-10.6-3.1)	0 (0-0)	0 (0-0)	-49.1 (-58.4--37.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	3.6 (-5.2-12.6)	0 (0-0)	0 (0-0)	-51.6 (-67.7--36)	0.5 (0.4-0.7)	0.5 (0.4-0.7)	7.2 (-3.6-19.7)	0 (0-0)	0.6 (0.4-0.7)	0 (0-0)	1.2 (0.9-1.5)	86	85	23	16
Marche	26.9 (22.2-32.6)	28.9 (23.8-34.4)	7.3 (-0.4-15.7)	5.3 (4.5-6.2)	5.1 (4.5-6.1)	-2.8 (-8-2.5)	0 (0-0)	0 (0-0)	-44.8 (-55.3--32.3)	0.3 (0.2-0.3)	0.3 (0.2-0.3)	2.1 (-5.4-10.2)	0 (0-0)	0 (0-0)	-56.5 (-67.8--45.8)	1.2 (0.9-1.6)	1.3 (1-1.7)	5.9 (-4.9-17.7)	0 (0-0)	1.2 (0.9-1.5)	0 (0-0)	2.9 (2.1-3.7)	85	80	19	9
Molise	14.1 (9.1-21)	13.5 (8.8-20.4)	-4.1 (-13.3-8.2)	2.9 (2-3.9)	2.3 (1.6-3.1)	-20.2 (-26.4--11.7)	0 (0-0)	0 (0-0)	-45 (-54.9--35.7)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-20.3 (-28.1--10.9)	0 (0-0)	0 (0-0)	-45.6 (-66.9--17.1)	0.6 (0.3-1)	0.6 (0.3-0.9)	-4.1 (-17.5-9.5)	0 (0-0)	0.5 (0.3-0.9)	0 (0-0)	1 (0.6-1.7)	97	94	25	17

Location	Birth incidence rate (per 100,000 live births), 2000	Birth incidence rate (per 100,000 live births), 2021	Birth incidence rate (per 100,000 live births) percent change (2000-2021)	All age rate (per 100,000 population), 2000	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	All age total SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Piemonte	19.5 (15.9-23.7)	22 (18.4-25.6)	13.1 (5.5-20.1)	3.2 (2.7-3.7)	3.2 (2.7-3.7)	1.6 (-4.6-6.9)	0 (0-0)	0 (0-0)	-48.3 (-56.3--38.8)	0.2 (0.1-0.2)	0.2 (0.2-0.2)	11 (3.4-19.6)	0 (0-0)	0 (0-0)	-49.5 (-67.8--27.2)	0.8 (0.6-1.1)	0.9 (0.7-1.2)	16.1 (3.6-30.3)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	2.1 (1.5-2.6)	92	89	22	11
Provincia autonoma di Bolzano	15.3 (10.9-21.2)	15.8 (11.5-21.6)	3.5 (-5.9-19.5)	3.5 (2.6-4.4)	3.2 (2.4-3.9)	-8.3 (-13.9--0.2)	0 (0-0)	0 (0-0)	-55 (-62.5--42.9)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	-5.8 (-14.7-5)	0 (0-0)	0 (0-0)	-42.8 (-63.1--12.3)	0.6 (0.4-0.9)	0.6 (0.4-0.9)	2.5 (-9.3-18)	0 (0-0)	0.7 (0.4-1)	0 (0-0)	1.2 (0.7-1.7)	91	91	24	16
Provincia autonoma di Trento	13.6 (10.2-18.4)	14 (10.4-19.3)	2.8 (-8.8-13.3)	3 (2.3-3.7)	2.7 (2.1-3.4)	-7 (-15.1-1.2)	0 (0-0)	0 (0-0)	-48.3 (-56.7--34.5)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-2.5 (-12.2-8.3)	0 (0-0)	0 (0-0)	-43.8 (-63.6--20.9)	0.6 (0.4-0.8)	0.6 (0.4-0.9)	3.5 (-10.7-19.7)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	1.2 (0.8-1.7)	86	84	24	19
Puglia	8.4 (6.6-10.7)	8.3 (6.5-10.2)	-1.8 (-12.3-8.2)	2.4 (1.9-2.9)	1.9 (1.6-2.2)	-18.9 (-26.2--11.5)	0 (0-0)	0 (0-0)	-39.6 (-49.3--26.4)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-18.7 (-26.9--9.6)	0 (0-0)	0 (0-0)	-55.6 (-67.1--38)	0.3 (0.2-0.5)	0.3 (0.2-0.4)	-3.2 (-16.3-11.1)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.6 (0.4-0.7)	88	85	35	25
Sardegna	7.2 (5.1-9.8)	7.9 (5.6-10.7)	9 (-1.7-26.7)	1.6 (1.2-2.1)	1.4 (1-1.8)	-15.5 (-21.2--7.9)	0 (0-0)	0 (0-0)	-27.3 (-43.8--9.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	-11.3 (-19.9--0.6)	0 (0-0)	0 (0-0)	-50.1 (-66.1--26.3)	0.3 (0.2-0.4)	0.3 (0.2-0.5)	9.6 (-6.7-28.2)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.7 (0.4-1)	88	89	35	21
Sicilia	39.7 (34.6-45.3)	38 (33.2-43.1)	-4.4 (-10.2-1.5)	12.1 (10.7-14)	10.4 (9.3-11.7)	-13.9 (-18.3--9.4)	0 (0-0)	0 (0-0)	-34.7 (-45.6--20.5)	0.5 (0.4-0.5)	0.4 (0.3-0.4)	-16.8 (-22.1--11.2)	0.1 (0.1-0.1)	0 (0-0)	-46.2 (-61.3--27.3)	2 (1.6-2.6)	1.9 (1.5-2.3)	-8.7 (-18.4-1.5)	0 (0-0.1)	1.3 (1-1.7)	0 (0-0.1)	2.3 (1.8-3.2)	64	68	11	10
Toscana	14.4 (11.6-17.4)	15.2 (12.3-18.9)	5.2 (-3.4-16.9)	2.7 (2.2-3.2)	2.6 (2.2-3.1)	-3.9 (-11.1-3.7)	0 (0-0)	0 (0-0)	-44.8 (-55.2--34.4)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	6.2 (-2-16.2)	0 (0-0)	0 (0-0)	-61.7 (-74.4--49)	0.5 (0.4-0.7)	0.6 (0.4-0.8)	7.1 (-4.7-21.3)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	1.6 (1.1-2.1)	87	88	23	11
Umbria	20.9 (16.9-25.3)	22.3 (17.9-27.4)	7.1 (-2-17.5)	3.8 (3.1-4.5)	3.7 (3.2-4.4)	-0.8 (-7.6-5.2)	0 (0-0)	0 (0-0)	-49.4 (-57.9--37.1)	0.2 (0.2-0.2)	0.2 (0.2-0.2)	4.1 (-4-13.4)	0 (0-0.1)	0 (0-0)	-63.9 (-75.2--47.2)	1 (0.7-1.3)	1.1 (0.8-1.4)	8.5 (-4-23.2)	0 (0-0)	0.9 (0.7-1.3)	0 (0-0)	2.3 (1.5-3)	68	73	20	11
Valle d'Aosta	9.7 (5.4-14.8)	8.7 (4.9-14.3)	-10.2 (-26.1-6.6)	1.3 (0.8-1.9)	1 (0.7-1.6)	-16.8 (-27.2--3.8)	0 (0-0)	0 (0-0)	-60.2 (-67.5--53.3)	0.1 (0.1-0.1)	0.1 (0-0.1)	-10.1 (-22.4-1.5)	0 (0-0)	0 (0-0)	-52 (-66.9--28.7)	0.5 (0.3-0.8)	0.4 (0.2-0.7)	-10.5 (-24.1-4.7)	0 (0-0)	0.4 (0.2-0.7)	0 (0-0)	1.1 (0.5-1.8)	95	95	32	25
Veneto	24.7 (20.9-28.4)	27 (23.4-30.3)	9.4 (0.9-14.8)	5.5 (4.9-6.2)	5.4 (4.8-6)	-2.9 (-9.4-1.5)	0 (0-0)	0 (0-0)	-49.3 (-58.1--38.3)	0.3 (0.2-0.3)	0.3 (0.2-0.3)	3.2 (-2.9-9.7)	0 (0-0)	0 (0-0)	-46.3 (-62.5--29)	1.1 (0.9-1.4)	1.2 (0.9-1.5)	7.8 (-1.9-18.4)	0 (0-0)	1.3 (1.1-1.7)	0 (0-0)	2.6 (2-3.3)	86	85	13	10
Luxembourg	83.1 (71.5-97.4)	78 (65.7-93.1)	-6.1 (-13.7-2)	23.8 (20.7-27.2)	20.1 (17.5-23.4)	-15.6 (-20.5--10.2)	0 (0-0)	0 (0-0)	-14.2 (-24.4-0)	1.1 (0.9-1.2)	0.9 (0.8-1.1)	-12.1 (-18.2--4.4)	0 (0-0)	0 (0-0)	-6.9 (-31.1-37.2)	4.8 (3.5-6.5)	4.6 (3.3-6.2)	-4.4 (-15.6-9.2)	0 (0-0)	5.7 (4.1-7.3)	0 (0-0)	6.7 (4.3-9.8)	76	68	6	5
Malta	27.1 (22.1-32.8)	27.1 (21.7-32.6)	0 (-5.9-7.4)	6.9 (5.8-8.2)	5.4 (4.4-6.4)	-20.8 (-24.8--16.4)	0 (0-0)	0 (0-0)	41.9 (18.3-74.2)	0.3 (0.3-0.4)	0.3 (0.2-0.3)	-18.5 (-23.4--12.2)	0 (0-0)	0 (0-0)	25.2 (-13.2-96.2)	1.8 (1.3-2.3)	1.8 (1.3-2.3)	0.9 (-7.9-11.9)	0 (0-0)	1.3 (1-1.7)	0 (0-0)	1.7 (1.1-2.4)	84	72	12	12
Monaco	17.7 (13.8-22.9)	17.9 (13.7-22.6)	0.9 (-6.3-11.5)	3.1 (2.5-3.7)	3.1 (2.5-3.7)	-1.4 (-6.1-5.1)	0 (0-0)	0 (0-0)	-22.8 (-44.9-18.2)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	2 (-5.3-10.5)	0 (0-0.1)	0 (0-0)	-73.9 (-90.5--26.1)	1.1 (0.8-1.5)	1.1 (0.8-1.5)	1.8 (-8.8-14.9)	0 (0-0.1)	1.2 (0.8-1.8)	0 (0-0.1)	3.5 (2.4-5)	67	70	16	7
Netherlands	2.4 (1.9-3)	2.5 (2-3)	2 (-5.6-11.7)	0.5 (0.4-0.6)	0.4 (0.3-0.5)	-12.6 (-17.5--6.3)	0 (0-0)	0 (0-0)	1.7 (-8.5-12.8)	0 (0-0)	0 (0-0)	-11.1 (-17.2--1.4)	0 (0-0.1)	0 (0-0)	-30.4 (-46.7--10.4)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	2.2 (-7.5-16.7)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0.1)	0.2 (0.2-0.3)	70	69	45	33
Norway	16.8 (11.2-24.7)	16.7 (10.9-25.1)	-0.5 (-4.7-4.2)	2.4 (1.7-3.4)	2.1 (1.5-3)	-12.4 (-15.5--9.6)	0 (0-0)	0 (0-0)	-53.4 (-58.5--48.3)	0.2 (0.1-0.3)	0.2 (0.1-0.3)	-13.9 (-17.7--9.2)	0 (0-0)	0 (0-0)	-57.6 (-67--45.2)	1.3 (0.7-2.2)	1.3 (0.7-2.1)	-1.2 (-7.8-6)	0 (0-0)	1.4 (0.7-2.3)	0 (0-0)	3.5 (1.8-5.8)	101	100	13	9
Agder	18.1 (11.2-27.5)	17.7 (11.1-26.2)	-2.3 (-17.5-10.9)	2.6 (1.8-3.7)	2.2 (1.5-3.1)	-14.9 (-22.3--7)	0 (0-0)	0 (0-0)	-59.1 (-66--47)	0.2 (0.1-0.4)	0.2 (0.1-0.3)	-15.8 (-26.7--3.4)	0 (0-0)	0 (0-0)	-61.2 (-72.3--47.7)	1.5 (0.7-2.5)	1.4 (0.7-2.3)	-2.8 (-21.2-16.8)	0 (0-0)	1.4 (0.7-2.3)	0 (0-0)	3.2 (1.5-5.5)	107	110	15	9
Innlandet	17.5 (11-26.1)	17.6 (11.3-26.7)	0.2 (-13.4-16.4)	2.2 (1.6-3.1)	1.9 (1.3-2.7)	-15.3 (-23.7--6.6)	0 (0-0)	0 (0-0)	-53.3 (-63.8--39.4)	0.2 (0.1-0.3)	0.2 (0.1-0.3)	-16.4 (-28.2--3.7)	0 (0-0)	0 (0-0)	-54.7 (-65--37.7)	1.4 (0.7-2.4)	1.4 (0.7-2.4)	-0.1 (-20.8-22.7)	0 (0-0)	1.5 (0.7-2.4)	0 (0-0)	3.6 (1.9-6.1)	106	109	14	8
Møre og Romsdal	17.3 (10.6-25.4)	17.3 (10.6-26.6)	0 (-12.5-16.8)	2.4 (1.7-3.4)	2.1 (1.4-2.9)	-15.2 (-23.8--7.7)	0 (0-0)	0 (0-0)	-49.7 (-59.8--34.6)	0.2 (0.1-0.3)	0.2 (0.1-0.3)	-16.4 (-26.2--5)	0 (0-0)	0 (0-0)	-49.9 (-63.9--30.7)	1.5 (0.7-2.4)	1.4 (0.7-2.5)	-0.3 (-19.4-22.7)	0 (0-0)	1.6 (0.8-2.7)	0 (0-0)	3.5 (1.6-5.7)	103	104	14	9
Nordland	17.8 (11.3-26.8)	17.5 (10.8-25.9)	-1.5 (-12.8-11.3)	2.5 (1.7-3.5)	2 (1.4-2.9)	-18.3 (-25.6--10.4)	0 (0-0)	0 (0-0)	-37.8 (-51.5--19.8)	0.2 (0.1-0.4)	0.2 (0.1-0.3)	-20.7 (-30.1--10.9)	0 (0-0)	0 (0-0)	-37.2 (-57--13.4)	1.5 (0.7-2.4)	1.4 (0.7-2.4)	-2.1 (-18.5-17.9)	0 (0-0)	1.6 (0.8-2.7)	0 (0-0)	3 (1.6-4.8)	103	102	12	9
Oslo	16.8 (10.9-25.2)	16.9 (10.7-25.2)	0.2 (-10.1-11.3)	2.3 (1.6-3.1)	2.2 (1.6-3.1)	-1 (-8.2-5)	0 (0-0)	0 (0-0)	-65.4 (-73.7--53.3)	0.2 (0.1-0.3)	0.2 (0.1-0.3)	-1.1 (-12.4-12.5)	0 (0-0)	0 (0-0)	-63 (-75--47.2)	1.3 (0.7-2.2)	1.4 (0.7-2.2)	1 (-16-21.3)	0 (0-0)	1.1 (0.6-1.7)	0 (0-0)	4.1 (2-7.1)	108	107	16	7
Rogaland	16.2 (9.9-23.2)	15.9 (10.3-23.7)	-1.7 (-13.2-11.4)	2.7 (1.9-3.8)	2.3 (1.6-3.2)	-14.5 (-21.5--5.9)	0 (0-0)	0 (0-0)	-51.6 (-61.6--40.5)	0.2 (0.1-0.4)	0.2 (0.1-0.3)	-15.6 (-26.6--2.5)	0 (0-0)	0 (0-0)	-59.5 (-70.8--45.3)	1.2 (0.6-2)	1.2 (0.6-2)	-2.5 (-20.2-21.1)	0 (0-0)	1.3 (0.7-2.2)	0 (0-0)	3.5 (1.7-6)	91	87	14	8
Troms og Finnmark	18.2 (11.6-27)	18.2 (11.6-27)	0.1 (-15-17.6)	2.6 (1.8-3.6)	2.1 (1.5-2.9)	-19.2 (-29--9.9)	0 (0-0)	0 (0-0)	-52.9 (-63.3--37.3)	0.3 (0.2-0.4)	0.2 (0.1-0.3)	-22.3 (-32.5--9.1)	0 (0-0)	0 (0-0)	-56.8 (-70.3--38.2)	1.5 (0.8-2.5)	1.5 (0.8-2.5)	-3.4 (-22.5-23.8)	0 (0-0)	1.5 (0.7-2.4)	0 (0-0)	3.4 (1.7-5.8)	101	99	15	9
Trøndelag	16.3 (9.9-24.1)	16.3 (10.1-24.1)	-0.3 (-14.9-17.8)	2.4 (1.7-3.4)	2.1 (1.5-3)	-12.1 (-20.9--3.2)	0 (0-0)	0 (0-0)	-48 (-60.9--29.7)	0.2 (0.1-0.3)	0.2 (0.1-0.3)	-14.2 (-25.9--0.8)	0 (0-0)	0 (0-0)	-52 (-64.3--31)	1.3 (0.6-2.2)	1.3 (0.6-2.1)	-0.9 (-20.1-23.6)	0 (0-0)	1.6 (0.8-2.7)	0 (0-0)	3.7 (1.8-6.5)	104	104	13	8
Vestfold og Telemark	17 (10.8-25.4)	17 (10.7-25)	-0.3 (-11.6-13.9)	2.4 (1.7-3.4)	2 (1.4-2.8)	-14.9 (-21.1--7.1)	0 (0-0)	0 (0-0)	-64.1 (-70.8--54.4)	0.2 (0.1-0.3)	0.2 (0.1-0.3)	-16 (-26.2--4.4)	0 (0-0)	0 (0-0)	-58.8 (-69.7--39.6)	1.4 (0.7-2.2)	1.3 (0.7-2.2)	-1.1 (-18.5-23.8)	0 (0-0)	1.4 (0.7-2.3)	0 (0-0)	3.5 (1.8-5.9)	89	90	14	9
Vestland	16.2 (10-23.7)	16.2 (10.4-24.2)	0.1 (-11.5-14.1)	2.5 (1.8-3.5)	2.2 (1.6-3.1)	-12.6 (-19.4--3.2)	0 (0-0)	0 (0-0)	-47.3 (-57--32.1)	0.2 (0.1-0.3)	0.2 (0.1-0.3)	-14.2 (-25.6--2.3)	0 (0-0)	0 (0-0)	-41.7 (-57.5--20.3)	1.2 (0.6-2)	1.2 (0.6-2.1)	-0.2 (-19.1-22.7)	0 (0-0)	1.5 (0.8-2.5)	0 (0-0)	3.2 (1.6-5)	107	100	14	9
Viken	16.1 (9.9-24.2)	16.2 (10.5-24.4)	0.4 (-16.5-14.5)	2.4 (1.7-3.3)	2.1 (1.5-2.9)	-12 (-19.9--3.2)	0 (0-0)	0 (0-0)	-55.7 (-63.7--45.1)	0.2 (0.1-0.3)	0.2 (0.1-0.3)	-12.4 (-25.6-0)	0 (0-0)	0 (0-0)	-46.7 (-61.3--21.9)	1.3 (0.6-2.2)	1.3 (0.6-2.2)	0.3 (-22.1-22.7)	0 (0-0)	1.4 (0.7-2.3)	0 (0-0)	3.5 (1.7-6.1)	106	105	13	9
Portugal	98.8 (76.9-126)	89.6 (70.3-115)	-9.3 (-20.2-4.5)	20.6 (17.6-23.7)	14.3 (11.9-17.1)	-30.4 (-39--25)	0 (0-0)	0 (0-0)	-17.8 (-24.3--9.7)	1.1 (0.9-1.4)	0.8 (0.6-1)	-27.1 (-35.4--17.1)	0.1 (0.1-0.1)	0 (0-0.1)	-36.8 (-55.4--19.4)	7.2 (4.8-10.2)	6.6 (4.4-9.4)	-8.2 (-24-10.4)	0 (0-0.1)	4.7 (3.2-6.6)	0.1 (0.1-0.1)	10.2 (6.4-14.6)	76	68	6	3
San Marino	16.8 (13-21.5)	16.9 (13-21.8)	0.3 (-6.9-9.3)	4 (3.2-4.8)	3.5 (2.9-4.3)	-10.9 (-16.3--5.1)	0 (0-0)	0 (0-0)	-42.8 (-63.7-1.4)	0.2 (0.2-0.3)	0.2 (0.1-0.2)	-11.8 (-19.1--4.4)	0.1 (0-0.2)	0 (0-0)	-77.3 (-94.2--39.8)	1.1 (0.8-1.5)	1.1 (0.8-1.5)	-0.2 (-10.4-12.2)	0.1 (0-0.2)	1.2 (0.8-1.8)	0.1 (0-0.2)	6.5 (4.1-9.9)	63	62	22	3
Spain	24.2 (19.9-28.9)	24.3 (19.6-29.2)	0.3 (-9.1-9.1)	4.5 (3.8-5.2)	4.1 (3.5-4.7)	-9.3 (-15.6--3)	0 (0-0)	0 (0-0)	4.7 (-7.9-17.2)	0.3 (0.2-0.3)	0.2 (0.2-0.3)	-5.7 (-13.6-3.9)	0 (0-0)	0 (0-0)	-16.1 (-33-5.2)	1.4 (1-1.9)	1.4 (1-1.9)	-0.5 (-13-14.6)	0 (0-0)	1.2 (0.9-1.6)	0 (0-0)	2.8 (2.1-3.9)	84	74	16	10

Location	Birth incidence rate (per 100,000 live births), 2000	Birth incidence rate (per 100,000 live births), 2021	Birth incidence rate (per 100,000 live births) percent change (2000-2021)	All age rate (per 100,000 population), 2000	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	All age total SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Sweden	17.1 (12.9-22.5)	18.8 (13.9-24.5)	10 (0-20.9)	4.1 (3.3-5)	4.3 (3.4-5.4)	6.1 (-0.3-13.4)	0 (0-0)	0 (0-0)	105 (71.6-141)	0.2 (0.2-0.3)	0.2 (0.2-0.3)	8.1 (-1.6-18.1)	0 (0-0)	0 (0-0)	14.6 (-9-49.6)	0.8 (0.5-1.1)	0.9 (0.6-1.3)	10.4 (-0.8-22.5)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	2.1 (1.4-3.1)	90	81	16	13
Stockholm	17.1 (13.1-22)	18.8 (14.3-24.5)	10.2 (1.1-21.3)	4.3 (3.4-5.3)	4.6 (3.5-5.6)	6.9 (0.2-14.2)	0 (0-0)	0 (0-0)	29.8 (4.2-61.4)	0.2 (0.2-0.3)	0.2 (0.2-0.3)	10.3 (-0.6-21.8)	0 (0-0)	0 (0-0)	-10.8 (-33.1-20.6)	0.8 (0.5-1.2)	0.9 (0.6-1.3)	11.1 (-3-27.3)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	2.4 (1.4-3.5)	89	82	17	12
Sweden except Stockholm	17.1 (12.8-22.4)	18.8 (13.9-24.7)	10 (-1-25.4)	4.1 (3.3-5)	4.3 (3.3-5.3)	5.7 (-1.7-15.1)	0 (0-0)	0 (0-0)	136 (90.8-174)	0.2 (0.2-0.3)	0.2 (0.2-0.3)	7.4 (-4.2-20.5)	0 (0-0)	0 (0-0)	24.1 (-6.9-59.7)	0.8 (0.5-1.1)	0.9 (0.6-1.3)	10.1 (-3.8-24.6)	0 (0-0)	1.1 (0.7-1.5)	0 (0-0)	2.1 (1.4-3)	91	82	17	14
Switzerland	47.9 (43.3-55)	49 (44.5-54.9)	2.4 (-2.5-8.2)	12.6 (11.6-13.7)	11.5 (10.5-12.4)	-9.1 (-13.6--4.3)	0 (0-0)	0 (0-0)	-4.2 (-16.5-10.8)	0.6 (0.5-0.7)	0.6 (0.5-0.6)	-4.5 (-9.7-0.8)	0 (0-0)	0 (0-0)	-22.5 (-49.2-4.8)	2.6 (2.1-3.2)	2.7 (2.1-3.4)	3.6 (-8.1-16.5)	0 (0-0)	2.2 (1.7-2.7)	0 (0-0)	4 (3-5.1)	87	77	12	8
United Kingdom	26.9 (21.8-33.2)	27.8 (22.7-34.4)	3.5 (2.2-4.6)	5.1 (4-6.1)	5 (4-6)	-1.7 (-3--0.2)	0 (0-0)	0 (0-0)	-9.3 (-12.1--6.4)	0.3 (0.3-0.4)	0.3 (0.2-0.4)	-1.9 (-3.6-0)	0 (0-0)	0 (0-0)	-19 (-24.9--12.8)	1.8 (1.3-2.4)	1.9 (1.4-2.6)	7.2 (4.4-10)	0 (0-0)	1.5 (1.1-2)	0 (0-0)	2 (1.4-2.6)	76	70	13	11
England	28.4 (23-34.7)	29.3 (23.6-35.9)	3.2 (2-4.4)	5.3 (4.2-6.4)	5.2 (4.1-6.4)	-0.6 (-2-1)	0 (0-0)	0 (0-0)	-11.8 (-15.1--8.5)	0.3 (0.3-0.4)	0.3 (0.3-0.4)	-0.9 (-2.5-0.9)	0 (0-0)	0 (0-0)	-16 (-22.1--9.9)	1.9 (1.4-2.6)	2.1 (1.5-2.7)	7 (4.3-9.5)	0 (0-0)	1.6 (1.1-2.1)	0 (0-0)	2 (1.4-2.7)	77	69	13	11
East Midlands	20.2 (15.6-25.4)	21.2 (16.7-26.9)	5.2 (1.6-9.7)	3.6 (2.8-4.4)	3.5 (2.8-4.3)	-1.2 (-4.3-3.8)	0 (0-0)	0 (0-0)	-3.2 (-11.4-6.7)	0.2 (0.2-0.3)	0.2 (0.2-0.3)	-1.5 (-5.5-3.1)	0 (0-0)	0 (0-0)	3 (-8.9-18.4)	1.4 (1-1.9)	1.5 (1-2)	7.8 (2.5-14.4)	0 (0-0)	1.2 (0.8-1.6)	0 (0-0)	1.5 (1.1-2)	90	80	14	12
Derby	20.8 (15.3-28.6)	21.3 (16.3-28.7)	2.3 (-7.6-13.4)	3.9 (2.8-5.3)	4 (2.9-5.3)	0.6 (-6.9-8.4)	0 (0-0)	0 (0-0)	-6.7 (-17.2-5.9)	0.3 (0.2-0.4)	0.3 (0.2-0.4)	0.8 (-9-10.3)	0 (0-0)	0.1 (0-0.1)	61.2 (27.7-106)	1.5 (1-2.1)	1.6 (1-2.2)	1.9 (-11.6-15)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1 (0.7-1.5)	79	68	14	14
Derbyshire	10.9 (7.3-15.3)	11 (8-15.4)	1.4 (-9.8-12.7)	1.6 (1.2-2.2)	1.5 (1.1-1.9)	-11.3 (-18.4-1.8)	0 (0-0)	0 (0-0)	21.3 (1.8-45.1)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-13.3 (-23.1--2.4)	0 (0-0)	0 (0-0)	33.7 (5.4-71.6)	0.8 (0.5-1.2)	0.8 (0.5-1.2)	0.2 (-15-17.7)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.3)	95	85	17	19
Leicester	32 (24.2-40.8)	32.2 (25.4-41.2)	0.6 (-5.8-8.7)	7.1 (5.3-9.1)	6.9 (5.4-9)	-2.4 (-9.1-4.6)	0 (0-0)	0 (0-0)	-21.5 (-31.1--9.3)	0.4 (0.3-0.6)	0.4 (0.3-0.6)	-2.2 (-10.2-6.5)	0 (0-0)	0 (0-0)	0.3 (-26.1-37.8)	2.1 (1.5-2.8)	2.1 (1.5-2.9)	1.3 (-9-12.9)	0 (0-0)	1.2 (0.8-1.7)	0 (0-0)	1.4 (1-1.9)	77	72	13	14
Leicestershire	10.6 (7.2-15.5)	10.9 (7.6-15.2)	2.1 (-10-18.2)	1.6 (1.2-2.1)	1.5 (1.1-2)	-7.6 (-15.9-7.1)	0 (0-0)	0 (0-0)	24.2 (4.2-47.8)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-9.2 (-19.5-5.8)	0 (0-0)	0 (0-0)	35.9 (14.2-70.3)	0.8 (0.5-1.2)	0.8 (0.5-1.2)	0.7 (-14.5-20.9)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.4-1.2)	103	97	17	20
Lincolnshire	11.3 (7.7-16.3)	11.5 (8.3-15.8)	1.8 (-11.4-18.3)	1.6 (1.2-2.1)	1.5 (1.1-1.9)	-7 (-15.7-14)	0 (0-0)	0 (0-0)	23 (2-46.5)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-9.7 (-21-6.2)	0 (0-0)	0 (0-0)	7.1 (-16.6-30.6)	0.8 (0.5-1.3)	0.8 (0.5-1.3)	0.6 (-13.6-20.2)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1 (0.6-1.5)	104	98	18	17
Northamptonshire	34.2 (25.8-43.1)	34.7 (26.9-43.3)	1.5 (-6.2-9.3)	7.5 (5.7-9.8)	7 (5.3-8.9)	-6.8 (-14.2-0.1)	0 (0-0)	0 (0-0)	-15 (-27.6--1.2)	0.4 (0.3-0.6)	0.4 (0.3-0.5)	-5.4 (-12-1.4)	0 (0-0)	0 (0-0)	-54.2 (-64.4--43.1)	2.2 (1.5-3)	2.2 (1.6-3)	2.8 (-6.7-13.1)	0 (0-0)	1.9 (1.3-2.5)	0 (0-0)	5 (3.5-7.1)	79	71	9	5
Nottingham	51 (38.6-66.3)	51.7 (40.3-68.4)	1.4 (-4.7-8.6)	10.6 (8.1-13.7)	10.5 (8.1-13.5)	-0.9 (-7.4-5.3)	0 (0-0)	0 (0-0)	-14.1 (-25.1--0.6)	0.7 (0.5-0.9)	0.7 (0.5-0.9)	2.5 (-5.8-11.1)	0 (0-0)	0 (0-0)	-6.3 (-26.7-11.6)	3.9 (2.7-5.4)	4 (2.8-5.7)	3.5 (-9.3-16.5)	0 (0-0)	2.1 (1.4-2.8)	0 (0-0)	3 (2-4.2)	89	80	9	5
Nottinghamshire	11.2 (7.6-15.6)	11.3 (8.2-15.7)	0.6 (-8.3-15)	1.6 (1.2-2.2)	1.5 (1.1-2)	-7.3 (-13.2-1.3)	0 (0-0)	0 (0-0)	4 (-11.1-21.8)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-8.3 (-17.5-4.7)	0 (0-0)	0 (0-0)	22.5 (-5.2-55.2)	0.8 (0.5-1.3)	0.8 (0.5-1.3)	-0.8 (-13.6-17.6)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.3)	95	89	17	19
Rutland	10.8 (7.8-15.5)	11.2 (8-16.4)	3.4 (-10.4-22.6)	1.6 (1.2-2.3)	1.5 (1.1-2.4)	-8.1 (-19.2-17)	0 (0-0)	0 (0-0)	-13.3 (-30.5-6.1)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-11.2 (-22.2-6.6)	0 (0-0.1)	0 (0-0)	-54.8 (-70.2--31.8)	0.8 (0.5-1.3)	0.9 (0.5-1.4)	1.6 (-13.7-22.2)	0.1 (0-0.1)	1.1 (0.6-1.7)	0 (0-0.1)	2.4 (1.3-3.6)	68	65	19	11
East of England	22.6 (17.5-29.5)	21.6 (16.4-28.4)	-4.4 (-8--1.6)	4.5 (3.4-5.6)	4 (3-5)	-11.2 (-14.2--8.6)	0 (0-0)	0 (0-0)	-0.9 (-8.7-7.7)	0.3 (0.2-0.4)	0.3 (0.2-0.3)	-10.9 (-14--7.9)	0 (0-0)	0 (0-0)	13.1 (0.7-25.7)	1.5 (1-2.1)	1.4 (1-2)	-4.2 (-8.4-0.1)	0 (0-0)	1.5 (1-2.1)	0 (0-0)	1.6 (1.1-2.1)	84	74	13	12
Bedford	46.5 (32.7-61.8)	38.2 (27.3-50.2)	-17.8 (-25.3--10.3)	9.4 (6.6-12.7)	7.3 (5.1-9.9)	-22.4 (-29.7--14.8)	0 (0-0)	0 (0-0)	-1.7 (-17.1-13.7)	0.6 (0.4-0.8)	0.5 (0.3-0.6)	-22.8 (-29.2--15.6)	0 (0-0)	0 (0-0)	12.7 (-19-44)	3.6 (2.4-5.2)	2.9 (2-4.1)	-19.2 (-28.7--8.1)	0 (0-0)	2.9 (1.8-4.1)	0 (0-0)	2.3 (1.4-3.1)	78	75	7	11
Cambridgeshire	14.3 (10.7-19.5)	14.8 (10.8-20.1)	3.2 (-5.4-13.5)	2.6 (2-3.5)	2.4 (1.8-3.2)	-5.8 (-12.9-2.1)	0 (0-0)	0 (0-0)	2.9 (-12.6-18.9)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	-6.6 (-15-2.2)	0 (0-0)	0 (0-0)	7.4 (-18.3-39.7)	1 (0.7-1.4)	1 (0.7-1.5)	3.1 (-9.2-17.2)	0 (0-0)	1.1 (0.7-1.6)	0 (0-0)	1.3 (0.8-1.9)	95	86	17	14
Central Bedfordshire	10.9 (8.2-14.9)	11.1 (7.9-15.4)	1.6 (-7.9-17.8)	1.8 (1.3-2.4)	1.6 (1.2-2.2)	-9.6 (-17-8)	0 (0-0)	0 (0-0)	-10.4 (-23.3-5.9)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-10.9 (-19-1.1)	0 (0-0)	0 (0-0)	55.2 (19.3-98.1)	0.8 (0.5-1.3)	0.8 (0.5-1.3)	0.2 (-13.6-17.2)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.2)	87	75	18	22
Essex	21.3 (16.2-28.6)	22 (16.4-28.7)	3.2 (-4.2-9.3)	4.3 (3.1-5.6)	4.1 (2.9-5.2)	-5.4 (-11.4--0.8)	0 (0-0)	0 (0-0)	11 (-4.7-26.4)	0.3 (0.2-0.4)	0.3 (0.2-0.3)	-5.2 (-12.1-1.2)	0 (0-0)	0 (0-0)	15.3 (-9.2-44)	1.3 (0.9-1.9)	1.4 (0.9-1.9)	4 (-7.8-15)	0 (0-0)	1.5 (1-2.1)	0 (0-0)	1.6 (1.1-2.4)	84	71	13	11
Hertfordshire	20.6 (16-26.6)	21 (16.3-27.5)	2 (-4.5-8.2)	4.4 (3.3-5.7)	4.3 (3.2-5.6)	-3.3 (-9.1-2)	0 (0-0)	0 (0-0)	-8.1 (-19.8-4.7)	0.3 (0.2-0.3)	0.3 (0.2-0.3)	-2.6 (-8.9-5.1)	0 (0-0)	0 (0-0)	8.8 (-13.8-44.9)	1.3 (0.9-1.8)	1.4 (0.9-1.9)	3 (-7-15)	0 (0-0)	1.5 (1-2)	0 (0-0)	1.6 (1.1-2.3)	83	70	14	12
Luton	30.2 (22.3-40.6)	30.8 (22.1-40.9)	1.9 (-3.9-7.8)	6.3 (4.5-8.4)	6.3 (4.5-8.4)	0.1 (-4.6-5.6)	0.1 (0.1-0.1)	0 (0-0.1)	-13.9 (-24.4--1.4)	0.4 (0.3-0.6)	0.4 (0.3-0.6)	1.1 (-6.2-8.3)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-4.5 (-24-18.5)	2.4 (1.6-3.4)	2.4 (1.6-3.4)	3.2 (-7-12.7)	0 (0-0.1)	1.3 (0.8-1.8)	0.1 (0-0.1)	1.6 (1-2.2)	65	64	14	12
Norfolk	15.9 (11.7-21.6)	16.2 (12.4-21.6)	2 (-5.5-11.2)	2.7 (2-3.3)	2.5 (2-3.2)	-4.3 (-10-1.7)	0 (0-0)	0 (0-0)	10.6 (-5.9-31.9)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	-4.8 (-12.1-3.8)	0 (0-0)	0 (0-0)	3.9 (-24.1-33.3)	1 (0.7-1.5)	1 (0.7-1.5)	1.3 (-10.5-14.3)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1.2 (0.9-1.9)	104	97	17	14
Peterborough	16.2 (11.6-21.8)	16.4 (11.8-22.3)	1.8 (-6.3-12.3)	2.8 (2-3.7)	2.9 (2-3.9)	2.8 (-5.8-10.8)	0 (0-0)	0 (0-0)	18.7 (2.4-40)	0.2 (0.2-0.3)	0.2 (0.2-0.3)	2.1 (-6.9-12.3)	0 (0-0)	0 (0-0)	-3.5 (-27.8-26.6)	1.3 (0.8-1.9)	1.3 (0.8-1.9)	1.2 (-10.9-15.6)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	1.2 (0.8-1.8)	102	92	18	13
Southend-on-Sea	11.1 (7.8-15.4)	11.3 (8.2-15.6)	1.4 (-7.7-14.7)	1.7 (1.2-2.2)	1.6 (1.2-2.2)	-3.4 (-12-9.1)	0 (0-0)	0 (0-0)	-12.4 (-26-1.7)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-4.9 (-14.2-7.2)	0 (0-0)	0 (0-0)	-4.2 (-27-39.9)	0.9 (0.5-1.3)	0.9 (0.5-1.3)	0.2 (-13.4-16.2)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	1.1 (0.6-1.7)	84	77	18	18
Suffolk	38.2 (28.8-51)	28.9 (20.7-39.5)	-24.3 (-33.3--15.2)	7.8 (5.7-10.4)	5.4 (3.8-7)	-31 (-38.9--23.9)	0 (0-0)	0 (0-0)	7.6 (-8.4-24.1)	0.5 (0.3-0.6)	0.3 (0.2-0.4)	-31.9 (-39--24.6)	0 (0-0)	0 (0-0)	18 (-7-47.2)	2.5 (1.7-3.6)	1.9 (1.2-2.7)	-26.1 (-36.5--14.6)	0 (0-0)	2.9 (2-4.1)	0 (0-0)	2.3 (1.5-3.1)	84	76	7	9
Thurrock	41.9 (30-56.3)	42.3 (30.3-54.3)	1.1 (-6-6.9)	9.4 (6.7-12.6)	9.2 (6.5-12.2)	-2.7 (-10-5.4)	0.1 (0.1-0.1)	0 (0-0.1)	-9.1 (-22.1-5.2)	0.6 (0.4-0.8)	0.6 (0.4-0.8)	-2.2 (-9.5-4.5)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	22.9 (-2.6-52.3)	2.9 (1.9-4.1)	3 (1.9-4.2)	3.2 (-6.7-12.5)	0.1 (0.1-0.1)	2.7 (1.8-3.8)	0.1 (0.1-0.1)	2.6 (1.7-3.5)	65	60	8	9
Greater London	67.3 (54.1-82.8)	63.8 (51.9-78.7)	-5.2 (-7.3--3.5)	15 (12.2-18.7)	14.3 (11.6-17.9)	-4.2 (-6.1--2.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	-32.6 (-37.6--27.8)	0.9 (0.7-1.1)	0.9 (0.7-1.1)	-3.8 (-6.2--1.4)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-44.1 (-48.2--39.3)	4.7 (3.4-6.2)	4.6 (3.4-6)	-2.4 (-5.3-0.5)	0.1 (0.1-0.1)	3.1 (2.3-4.2)	0.1 (0.1-0.1)	5.2 (3.9-6.8)	58	58	8	5

Location	Birth incidence rate (per 100,000 live births), 2000	Birth incidence rate (per 100,000 live births), 2021	Birth incidence rate (per 100,000 live births) percent change (2000-2021)	All age rate (per 100,000 population), 2000	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	All age total SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Barking and Dagenham	81.9 (66-98.6)	77.7 (62.1-94.9)	-5.1 (-12.3-2.3)	19.9 (16.4-24.1)	21.6 (17.6-26.2)	8.1 (0.1-15.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-23.3 (-30.1--14.2)	1.2 (0.9-1.4)	1.3 (1-1.6)	6.7 (-1.3-15.4)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-27.7 (-39.5--16.5)	5.6 (4.1-7.4)	5.4 (3.9-7.3)	-4.1 (-14.3-7.4)	0.1 (0.1-0.1)	4.5 (3.2-6)	0.1 (0.1-0.1)	5.5 (3.9-7.3)	55	55	7	5
Barnet	56.1 (44.1-69.6)	54.4 (43.8-67.4)	-3 (-10.6-3.6)	13.7 (11-17.2)	13.4 (10.5-16.7)	-2.8 (-8.5-5.2)	0 (0-0.1)	0 (0-0)	-27.2 (-35.6--19.4)	0.8 (0.6-0.9)	0.7 (0.6-0.9)	-2.4 (-8.9-5.1)	0.1 (0-0.1)	0 (0-0)	-23.2 (-35.6--7)	3.5 (2.5-4.7)	3.5 (2.5-4.8)	0 (-10.2-12.2)	0.1 (0-0.1)	3.3 (2.4-4.4)	0.1 (0.1-0.1)	4.7 (3.3-6.4)	58	55	7	5
Bexley	38.5 (27.8-50.1)	33.8 (24.9-44.6)	-12.2 (-19.2--4)	8.9 (6.4-11.8)	7.7 (5.6-10.1)	-13.1 (-20.5--4.5)	0 (0-0)	0 (0-0)	-22 (-32.8--10.3)	0.5 (0.4-0.7)	0.4 (0.3-0.6)	-11.7 (-18.4--4.2)	0.1 (0-0.1)	0.1 (0-0.1)	0 (-18.8-22.6)	2.4 (1.6-3.4)	2.1 (1.4-2.9)	-13.3 (-22.1--2.7)	0.1 (0-0.1)	2.5 (1.7-3.5)	0.1 (0-0.1)	2.2 (1.4-3.1)	66	61	9	10
Brent	56.2 (44.7-68.5)	56.5 (44.6-68.2)	0.5 (-7.4-9.5)	12.5 (9.9-15.8)	12.4 (10.1-15.8)	-0.3 (-6.8-9.5)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-25.7 (-34.5--18.4)	0.8 (0.6-0.9)	0.8 (0.6-1)	1.8 (-5.9-10.7)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	-40.8 (-50.6--32.4)	4.4 (3.2-5.8)	4.5 (3.2-6.1)	1.8 (-9.2-15.6)	0.1 (0.1-0.1)	2.1 (1.5-2.9)	0.1 (0.1-0.1)	4.2 (3-5.8)	55	51	10	6
Bromley	28.9 (20.1-39.4)	29.5 (20.7-42)	2.1 (-4.6-9.9)	6.6 (4.4-8.9)	6.5 (4.3-8.7)	-1.3 (-8.6-7.2)	0 (0-0)	0 (0-0)	-23.7 (-34.2--14.2)	0.4 (0.2-0.5)	0.4 (0.2-0.5)	0 (-6.5-7.5)	0 (0-0)	0 (0-0)	-6.6 (-22.5-10.3)	1.7 (1.1-2.5)	1.8 (1.2-2.6)	3.9 (-6.6-15.3)	0 (0-0)	1.9 (1.3-2.7)	0 (0-0)	2.5 (1.6-3.6)	72	68	11	8
Camden	58.5 (45-76.6)	47.6 (37-61.4)	-18.6 (-24.1--11.2)	12.8 (9.9-17)	9.6 (7.4-12.4)	-25.2 (-30.9--19.1)	0.1 (0.1-0.1)	0 (0-0.1)	-17.9 (-49-4.3)	0.8 (0.6-1)	0.6 (0.4-0.8)	-26.4 (-32.3--20.3)	0.1 (0.1-0.1)	0 (0-0.1)	-38.9 (-52--24.6)	4.2 (2.9-5.8)	3.4 (2.4-4.7)	-17.9 (-26.3--8)	0.1 (0-0.1)	2.9 (2.1-4)	0.1 (0.1-0.1)	4.7 (3.3-6.5)	68	62	8	5
Croydon	63 (51.5-77.4)	64.5 (52.5-78.7)	2.5 (-4.9-9.7)	15 (12-18.8)	15.5 (12.4-19.2)	3 (-5-10.9)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-19 (-29.4--10.1)	0.9 (0.7-1.1)	0.9 (0.7-1.1)	5.3 (-1.8-14.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-32.2 (-43--21.6)	4.2 (3.1-5.7)	4.5 (3.2-6.1)	5.7 (-5.2-17.4)	0.1 (0.1-0.1)	2.9 (2.2-4)	0.1 (0.1-0.1)	5 (3.5-6.8)	59	55	8	5
Ealing	40.7 (30.9-52.8)	36.8 (29-46.5)	-9.6 (-15.5--2)	9.1 (6.9-11.9)	8.1 (6.3-10.4)	-10.9 (-15.3--4)	0.1 (0.1-0.1)	0.1 (0-0.1)	-24.4 (-31.7--16.4)	0.6 (0.4-0.7)	0.5 (0.4-0.6)	-9.5 (-15.4--2.7)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-30.7 (-40.8--14.2)	2.8 (2-3.9)	2.6 (1.9-3.5)	-7 (-15.8-2.9)	0.1 (0.1-0.1)	2 (1.5-2.8)	0.1 (0.1-0.1)	3.3 (2.3-4.6)	59	52	10	7
Enfield	132 (107-163)	122 (97.2-151)	-7.4 (-15-0.2)	33.3 (27.7-40.4)	32.4 (26.3-39.6)	-2.9 (-10.2-4.3)	0.1 (0.1-0.1)	0.1 (0-0.1)	-25.8 (-37--14.9)	1.8 (1.4-2.2)	1.7 (1.4-2.1)	-3.3 (-10.8-3.9)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-34.6 (-44--20.8)	8.3 (6-11.3)	7.9 (5.7-10.7)	-4.5 (-14.8-8.2)	0.1 (0.1-0.1)	5.9 (4.1-7.8)	0.1 (0.1-0.1)	8.7 (6.3-11.6)	53	52	5	2
Greenwich	70.1 (55.2-86.2)	69.4 (55.7-85)	-1 (-8.5-5.7)	16.6 (13.2-20.5)	16.5 (13.5-20.6)	-0.5 (-6.8-7)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-30.8 (-39.3--23.5)	1 (0.8-1.2)	1 (0.8-1.2)	0 (-7.5-7.4)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-18.1 (-27.1--5.4)	4.8 (3.5-6.5)	4.9 (3.5-6.4)	1.2 (-8.7-10.8)	0.1 (0.1-0.1)	3.3 (2.4-4.5)	0.1 (0.1-0.1)	4.3 (3.1-5.7)	63	57	8	5
Hackney	185 (152-228)	175 (140-214)	-5.3 (-13.7-3.4)	47.3 (39.1-57.6)	41.8 (33.9-51)	-11.7 (-18.2--3.3)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	-48.7 (-56.6--40.6)	2.8 (2.3-3.4)	2.5 (2-3.1)	-11.7 (-18.8--3.6)	0.3 (0.3-0.3)	0.1 (0.1-0.1)	-73.4 (-77.5--68.3)	13.3 (9.5-17.9)	12.8 (9.3-17.2)	-3.9 (-14.3-7.8)	0.1 (0.1-0.1)	6 (4.4-8)	0.1 (0.1-0.2)	21.7 (15.2-30.8)	45	48	5	2
Hammersmith and Fulham	56.5 (40.2-73.6)	48 (35.8-62.7)	-15.1 (-21.8--7.2)	12.2 (8.9-16.9)	9.8 (7.1-13.3)	-19.7 (-26.7--12.8)	0.1 (0.1-0.1)	0.1 (0-0.1)	-41.7 (-50.5--35.4)	0.8 (0.5-1)	0.6 (0.4-0.8)	-19.9 (-26.1--12.3)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-36 (-45.9--22.1)	4.1 (2.7-5.8)	3.6 (2.4-5.3)	-11.1 (-19.7--1)	0.1 (0.1-0.1)	2.6 (1.8-3.7)	0.1 (0.1-0.1)	4.2 (2.8-5.9)	55	51	9	6
Haringey	187 (149-227)	178 (142-220)	-4.6 (-11.2-2.9)	45.6 (37.8-55.8)	40.7 (33.6-50.6)	-10.7 (-16.9--1.7)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-33.2 (-40.3--26.3)	2.7 (2.2-3.4)	2.4 (1.9-3)	-12.5 (-18.8--4.7)	0.3 (0.2-0.3)	0.1 (0.1-0.1)	-58 (-64.4--50.2)	13.9 (10.2-19)	13.4 (9.9-18.2)	-3.5 (-13.5-7.9)	0.1 (0.1-0.1)	6.6 (4.5-9.3)	0.1 (0.1-0.1)	14.7 (10.3-20.5)	48	52	3	2
Harrow	15.1 (10.9-20.5)	15.4 (11-21.7)	2.5 (-6-11.8)	2.8 (2.1-3.8)	3 (2.2-4.1)	5.6 (-2.4-15.3)	0 (0-0)	0 (0-0)	-13.4 (-24.5--0.9)	0.2 (0.1-0.3)	0.2 (0.1-0.3)	7.9 (-1.2-16.8)	0.1 (0-0.1)	0 (0-0.1)	-7.4 (-22.8-12.9)	1.1 (0.7-1.6)	1.1 (0.7-1.6)	1.9 (-9.7-14.8)	0 (0-0)	0.7 (0.5-1.1)	0 (0-0.1)	1 (0.6-1.5)	65	61	21	18
Havering	20.5 (13.7-29.1)	21 (14-30.5)	2.6 (-5.8-11.9)	4.2 (2.7-6.2)	4.3 (2.8-6.5)	3.9 (-3.3-10.9)	0 (0-0)	0 (0-0)	7.9 (-7.6-25.3)	0.3 (0.2-0.4)	0.3 (0.2-0.4)	5.4 (-2.2-14.4)	0 (0-0)	0 (0-0)	-14.9 (-37.6-16.1)	1.4 (0.9-2)	1.4 (0.9-2.1)	3.1 (-7.8-15.3)	0 (0-0)	1.4 (0.9-2.1)	0 (0-0)	2 (1.2-3)	82	75	12	11
Hillingdon	21.2 (14.8-29)	21.9 (15.1-31)	3.2 (-5.5-11.4)	4.4 (3-6.5)	4.7 (3.1-6.9)	5.6 (-4-14.2)	0 (0-0)	0 (0-0)	-9 (-21.8-4.9)	0.3 (0.2-0.4)	0.3 (0.2-0.4)	6.6 (-1-14.3)	0 (0-0)	0 (0-0)	-3.5 (-26.8-18.5)	1.5 (1-2.2)	1.5 (1-2.3)	4.1 (-6.8-15.5)	0 (0-0)	1.3 (0.8-2)	0 (0-0)	1.8 (1.1-2.7)	94	83	13	11
Hounslow	39.3 (27.8-50.8)	38.6 (27.3-51.2)	-1.6 (-10.3-7.3)	9 (6.2-12)	8.7 (6.2-11.2)	-3.4 (-12.6-6.2)	0 (0-0)	0 (0-0)	-32 (-42.7--19.4)	0.5 (0.4-0.7)	0.5 (0.4-0.7)	-2.5 (-10.3-5.4)	0 (0-0)	0 (0-0)	-14 (-30.1-6.4)	2.8 (1.9-4)	2.8 (1.9-3.9)	-1.4 (-10.3-9.5)	0 (0-0)	1.9 (1.3-2.8)	0 (0-0)	2.5 (1.7-3.6)	76	66	10	8
Islington	32.6 (23.5-42.4)	33 (23.1-44.2)	1.2 (-5.7-9.5)	6.7 (4.7-9)	6.2 (4.4-8.4)	-7.9 (-15.5--2.3)	0.1 (0.1-0.1)	0 (0-0)	-47.4 (-54.1--40)	0.5 (0.3-0.6)	0.4 (0.3-0.6)	-5.5 (-12.7-1.9)	0.1 (0.1-0.1)	0 (0-0.1)	-53 (-58.8--42.5)	2.5 (1.7-3.5)	2.6 (1.7-3.7)	3.6 (-6.3-14.7)	0.1 (0.1-0.1)	1.6 (1.1-2.2)	0.1 (0.1-0.1)	3.9 (2.5-5.3)	65	59	13	6
Kensington and Chelsea	11.2 (8-15.7)	11.4 (8.2-16)	1.7 (-10.3-14.5)	1.6 (1.2-2.2)	1.5 (1.1-2.1)	-4.9 (-12.6-13)	0 (0-0.1)	0 (0-0)	-32.9 (-42.4--25)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-6 (-16.7-9)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-14.8 (-32-3.5)	1 (0.6-1.4)	1 (0.6-1.4)	0.5 (-14.2-19.4)	0.1 (0.1-0.1)	0.8 (0.5-1.3)	0.1 (0.1-0.1)	1.3 (0.8-2)	67	60	24	16
Kingston upon Thames	24.2 (18.5-31.4)	24.4 (18.5-31.8)	1 (-7.4-10.1)	5.3 (4-7)	5.2 (3.9-6.7)	-2 (-10.5-7.7)	0 (0-0)	0 (0-0)	4.8 (-8.5-21.5)	0.3 (0.2-0.4)	0.3 (0.2-0.4)	-0.6 (-8.3-8.6)	0 (0-0)	0 (0-0)	39.5 (-7.4-89.8)	1.6 (1.1-2.2)	1.6 (1.1-2.2)	1.3 (-9.4-13.8)	0 (0-0)	1.8 (1.2-2.8)	0 (0-0)	1.9 (1.4-2.6)	93	83	12	12
Lambeth	137 (110-169)	127 (100-156)	-7.4 (-14.6-0.3)	33.3 (27.6-40.2)	28.7 (23.2-35.2)	-13.9 (-19.5--7.3)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	-44.1 (-52.7--36.3)	2 (1.6-2.5)	1.7 (1.4-2.1)	-14.3 (-21.1--7.2)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	-55.5 (-62.4--46.9)	9.9 (7.3-13.2)	9.2 (6.8-12.4)	-6.7 (-16.7-4.2)	0.1 (0.1-0.1)	4.8 (3.5-6.5)	0.1 (0.1-0.1)	9.4 (6.7-12.4)	47	51	7	2
Lewisham	100 (83.4-122)	95.4 (76.7-116)	-4.7 (-10.6-2.1)	24.4 (20.8-29.7)	22.9 (19-27.9)	-6.2 (-11.9-2.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-36 (-44.9--27)	1.4 (1.2-1.8)	1.4 (1.1-1.7)	-5.7 (-13.1-1.3)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	-39 (-48.8--26)	7 (5.2-9.3)	6.8 (4.9-9.2)	-3.3 (-13.9-7.8)	0.1 (0.1-0.1)	4 (2.9-5.4)	0.1 (0.1-0.1)	6.5 (4.8-8.7)	53	52	7	3
Merton	47.8 (34.5-61.9)	48.1 (35.2-62)	0.7 (-5.3-8.1)	11.1 (8.2-15.2)	11.2 (8.3-15.1)	0.6 (-6.2-9.2)	0 (0-0)	0 (0-0)	-16.9 (-28.4--2.8)	0.7 (0.5-0.9)	0.7 (0.5-0.9)	1.2 (-6.1-10.4)	0 (0-0)	0 (0-0)	-9.5 (-28.1-18.6)	3.2 (2.2-4.5)	3.3 (2.2-4.6)	2.5 (-7.1-13)	0 (0-0)	2.9 (2-4)	0 (0-0)	4.3 (3-6)	74	66	8	6
Newham	81.1 (67.4-96.9)	82.5 (68.1-102)	1.7 (-5-8.5)	20.7 (17.3-25.5)	19 (15.4-23.1)	-8.4 (-14.1--1.7)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	-37.4 (-44.7--30.6)	1.3 (1.1-1.6)	1.2 (1-1.5)	-7.1 (-14.1-0.6)	0.3 (0.3-0.3)	0.2 (0.1-0.2)	-46.1 (-53.6--36.6)	6.4 (4.7-8.6)	6.7 (4.9-8.8)	3.8 (-7.2-15.8)	0.1 (0.1-0.1)	3.1 (2.3-4.1)	0.1 (0.1-0.2)	6.4 (4.8-8.4)	48	49	9	3
Redbridge	33.1 (24.2-44)	33.6 (23.8-43.1)	1.4 (-5.1-8.7)	7.5 (5.3-9.8)	8.1 (5.6-10.7)	8.6 (1.4-15.7)	0 (0-0)	0 (0-0)	-24.4 (-36.5--15.7)	0.4 (0.3-0.6)	0.5 (0.3-0.7)	9.4 (2.2-18.7)	0.1 (0.1-0.1)	0 (0-0.1)	-28.5 (-40.2--10.9)	2.2 (1.5-3.2)	2.3 (1.6-3.2)	2.7 (-5.8-13.1)	0 (0-0.1)	1.8 (1.1-2.4)	0.1 (0-0.1)	2.9 (1.9-4)	66	62	12	7
Richmond upon Thames	23.7 (16.4-33.5)	24.3 (16.6-34.6)	2.7 (-6-7.8)	5.3 (3.5-7.5)	5.3 (3.5-7.4)	-0.1 (-8.1-7.2)	0 (0-0)	0 (0-0)	-12.4 (-27.2-1.4)	0.3 (0.2-0.4)	0.3 (0.2-0.4)	-0.2 (-7.6-6.6)	0 (0-0)	0 (0-0)	-11 (-30.7-10.4)	1.5 (1-2.2)	1.6 (1-2.3)	3.4 (-6.5-13.6)	0 (0-0)	1.7 (1.1-2.5)	0 (0-0)	2.5 (1.6-3.8)	93	85	13	8
Southwark	124 (98.6-154)	125 (99.8-153)	0.8 (-6-8)	29.3 (23.5-36)	27.7 (23-33.6)	-5.4 (-11.1-0.8)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	-41.9 (-48.2--34.9)	1.8 (1.4-2.2)	1.7 (1.4-2.1)	-3.4 (-10.1-4.7)	0.3 (0.2-0.3)	0.1 (0.1-0.1)	-64.6 (-70--58.4)	9.1 (6.5-12.4)	9.4 (6.8-12.9)	3.3 (-7.2-15.4)	0.1 (0.1-0.1)	4.2 (3-5.7)	0.1 (0.1-0.1)	11.2 (7.9-15.5)	45	48	7	2
Sutton	18.9 (14-25.5)	19.1 (14.4-25.2)	1 (-6.2-9.5)	4 (2.9-5.2)	3.8 (2.8-4.9)	-4.2 (-11.6-4.9)	0 (0-0)	0 (0-0)	-24.1 (-34--10.3)	0.2 (0.2-0.3)	0.2 (0.2-0.3)	-2.4 (-9.8-6)	0 (0-0)	0 (0-0)	11 (-13.4-35.9)	1.3 (0.8-1.8)	1.3 (0.9-1.8)	0.3 (-10.5-11.9)	0 (0-0)	1.3 (0.8-1.9)	0 (0-0)	1.4 (1-2)	81	73	15	14
Tower Hamlets	36.4 (28.8-45.4)	31 (24.1-40)	-14.8 (-23.7--6.6)	8.3 (6.4-10.6)	6.5 (5-8.6)	-21.4 (-29.2--11.7)	0.1 (0.1-0.1)	0 (0-0)	-43.5 (-49.7--35.9)	0.6 (0.4-0.7)	0.5 (0.3-0.6)	-19.8 (-28.2--10.1)	0.1 (0.1-0.1)	0 (0-0.1)	-43.4 (-54--31.4)	3.1 (2.2-4.2)	2.6 (1.9-3.6)	-15.9 (-26.3--4)	0 (0-0.1)	1.8 (1.2-2.4)	0.1 (0-0.1)	2.8 (2-3.9)	72	63	12	6

Location	Birth incidence rate (per 100,000 live births), 2000	Birth incidence rate (per 100,000 live births), 2021	Birth incidence rate (per 100,000 live births) percent change (2000-2021)	All age rate (per 100,000 population), 2000	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	All age total SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Waltham Forest	77.9 (61.5-95.6)	75.9 (61.1-91.4)	-2.6 (-9.3-8)	18 (14-23)	17.5 (13.8-22.4)	-2.7 (-10.4-6)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-36.4 (-45.5--27.9)	1.1 (0.9-1.4)	1.1 (0.9-1.4)	-2.3 (-9.7-6.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	-47.7 (-54.9--39.3)	5.9 (4.2-7.9)	5.8 (4.2-8.1)	-1 (-12.4-10.2)	0.1 (0.1-0.1)	3.2 (2.3-4.4)	0.1 (0.1-0.1)	6.1 (4.3-8.4)	46	51	8	5
Wandsworth	37.5 (28.9-48.5)	38.1 (28.7-49)	1.5 (-5.2-7.6)	8.2 (6-10.9)	8.2 (6.2-10.7)	1.2 (-6.6-9.6)	0.1 (0.1-0.1)	0 (0-0.1)	-45.3 (-54.9--36.3)	0.5 (0.4-0.7)	0.5 (0.4-0.7)	1.8 (-5.4-10.6)	0.1 (0.1-0.1)	0.1 (0-0.1)	-53.5 (-61.3--43.1)	2.7 (1.9-3.7)	2.8 (1.9-3.8)	2.7 (-5.9-12.5)	0.1 (0.1-0.1)	1.8 (1.3-2.4)	0.1 (0.1-0.1)	4.2 (2.9-5.7)	57	53	11	5
Westminster	27.1 (19.2-37.5)	22 (15.3-30.2)	-18.8 (-29.7--8.1)	4.8 (3.2-6.5)	3.7 (2.6-5.4)	-22.2 (-32.8--11.7)	0.1 (0.1-0.1)	0 (0-0)	-36.7 (-48.7--28.6)	0.3 (0.2-0.4)	0.3 (0.2-0.4)	-21.5 (-31.5--12)	0.1 (0.1-0.1)	0.1 (0-0.1)	-48.7 (-59.5--35.4)	2.2 (1.5-3.2)	1.8 (1.2-2.6)	-19.7 (-31.8--7.5)	0.1 (0.1-0.1)	1.3 (0.8-1.9)	0.1 (0.1-0.1)	2.7 (1.8-4)	65	57	15	9
North East England	16.7 (12.8-22)	17.6 (13.5-23.2)	5.2 (1.3-8.9)	2.8 (2.1-3.5)	2.7 (2-3.5)	-4 (-7.5-0)	0 (0-0)	0 (0-0)	31.8 (21.5-42.7)	0.2 (0.2-0.3)	0.2 (0.1-0.3)	-4.1 (-7.5--0.1)	0 (0-0)	0 (0-0)	12 (-11.7-36.4)	1.3 (0.9-1.8)	1.3 (0.9-1.8)	5.5 (0.3-10.6)	0 (0-0)	1.1 (0.7-1.5)	0 (0-0)	1.5 (1-2.1)	107	101	15	14
County Durham	11.3 (7.7-15.7)	11.6 (8.3-15.8)	2.2 (-7.8-19.3)	1.6 (1.2-2.2)	1.5 (1.1-2)	-7.1 (-15.2-6.9)	0 (0-0)	0 (0-0)	30.7 (9.4-53.4)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-8.5 (-17.4-8.2)	0 (0-0)	0 (0-0)	18.5 (-12-62.4)	0.8 (0.5-1.3)	0.8 (0.5-1.3)	0.6 (-13.9-20)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.9 (0.5-1.4)	103	101	19	19
Darlington	11.9 (8.2-16.8)	12 (8.5-16.8)	0.8 (-11.6-15.7)	1.7 (1.3-2.4)	1.6 (1.2-2.2)	-6 (-14.8-10)	0 (0-0)	0 (0-0)	38.1 (17.7-63)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-8.1 (-19.3-6)	0 (0-0)	0 (0-0)	-14.1 (-38.7-28.3)	1 (0.6-1.5)	1 (0.6-1.5)	-0.1 (-15.9-18)	0 (0-0)	0.8 (0.4-1.3)	0 (0-0)	1 (0.6-1.5)	103	96	21	16
Gateshead	19.5 (14.5-26.7)	19.9 (14.5-27.6)	2 (-6.9-10.1)	3.5 (2.5-4.7)	3.3 (2.4-4.5)	-5.3 (-12.3-4)	0 (0-0)	0 (0-0)	25 (6.6-45.1)	0.2 (0.2-0.3)	0.2 (0.2-0.3)	-5.4 (-13.4-2.9)	0 (0-0)	0 (0-0)	27.7 (-7.6-86.3)	1.3 (0.9-1.9)	1.3 (0.9-1.9)	1.4 (-11.2-13.9)	0 (0-0)	1.1 (0.7-1.6)	0 (0-0)	1.4 (0.9-2.1)	104	96	14	13
Hartlepool	12.1 (8.8-17.1)	12.5 (8.9-18)	3.2 (-7.8-27.5)	1.8 (1.3-2.5)	1.7 (1.2-2.4)	-7.6 (-15.7-26.6)	0 (0-0)	0 (0-0)	51.5 (15.8-92.8)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	-11.5 (-23.2-7.7)	0 (0-0)	0 (0-0)	28 (-3.5-73.7)	1 (0.6-1.6)	1 (0.6-1.6)	0.9 (-15.3-27.9)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	1.3 (0.8-1.9)	104	98	18	17
Middlesbrough	29.3 (21.4-38.9)	30 (21.5-40)	2.1 (-6.3-11)	5.4 (4-7.3)	5.2 (3.7-7)	-3.7 (-12.7-4.4)	0 (0-0)	0 (0-0)	35.9 (9.1-58.5)	0.4 (0.3-0.5)	0.4 (0.3-0.5)	0.9 (-6.9-10.4)	0 (0-0)	0 (0-0)	5.8 (-25.9-44.2)	2.5 (1.7-3.6)	2.6 (1.8-3.8)	4.6 (-5.9-17.4)	0 (0-0)	1.7 (1.1-2.4)	0 (0-0)	2.4 (1.5-3.3)	99	95	12	11
Newcastle upon Tyne	31.3 (22-41.7)	31.9 (22.9-42.4)	2.1 (-4.5-9.1)	6.1 (4.3-8.2)	6.2 (4.3-8.4)	1.6 (-4.7-8)	0 (0-0)	0 (0-0)	12.7 (-3.6-32.2)	0.4 (0.3-0.5)	0.4 (0.3-0.6)	4.2 (-3-11.5)	0 (0-0)	0 (0-0)	17.9 (-9.5-55.7)	2.3 (1.5-3.2)	2.4 (1.5-3.3)	3.7 (-5.5-13.4)	0 (0-0)	1.9 (1.2-2.8)	0 (0-0)	2.5 (1.6-3.5)	103	101	12	10
North Tyneside	24.9 (18.6-33.4)	25.4 (18.2-33.7)	2.2 (-6.4-10.8)	4.4 (3.2-5.8)	4.1 (2.9-5.4)	-7.9 (-16.3--0.1)	0 (0-0)	0 (0-0)	17.9 (-1.3-40.6)	0.3 (0.2-0.4)	0.3 (0.2-0.4)	-5.9 (-12.9-2)	0 (0-0)	0 (0-0)	-9 (-40.7-21.4)	1.9 (1.3-2.8)	2 (1.3-2.9)	2.8 (-7.2-14.6)	0 (0-0)	1.8 (1.1-2.5)	0 (0-0)	2.6 (1.7-3.6)	98	99	10	9
Northumberland	10.8 (7.8-14.7)	11 (7.6-15.4)	1.9 (-9.1-18.2)	1.6 (1.2-2.2)	1.4 (1-1.9)	-11.3 (-19.8-4.8)	0 (0-0)	0 (0-0)	25.6 (8.1-47.4)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-12.5 (-21.9--0.1)	0 (0-0)	0 (0-0)	3.7 (-28.5-50.7)	0.8 (0.5-1.2)	0.8 (0.5-1.2)	0.6 (-14.8-18.2)	0 (0-0)	0.8 (0.4-1.2)	0 (0-0)	1 (0.6-1.6)	109	104	17	18
Redcar and Cleveland	11.6 (8.5-16)	11.7 (8.5-16.3)	1.1 (-11.3-15.6)	1.7 (1.2-2.4)	1.6 (1.2-2.1)	-8.7 (-17.2-4)	0 (0-0)	0 (0-0)	84.2 (52.1-132)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-10.9 (-21.3-3)	0 (0-0)	0 (0-0)	-3.2 (-32.3-24.3)	0.9 (0.6-1.4)	0.9 (0.5-1.4)	0.2 (-15.5-20.1)	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	1.2 (0.7-1.9)	101	94	18	16
South Tyneside	11.3 (8.3-15.9)	11.6 (8.3-15.9)	2.3 (-9.1-17.1)	1.7 (1.2-2.3)	1.6 (1.2-2.1)	-7.3 (-15.6-10)	0 (0-0)	0 (0-0)	19.6 (0-43.9)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-9.8 (-19.7-5.9)	0 (0-0)	0 (0-0)	27.5 (-9.3-86.9)	0.9 (0.5-1.3)	0.9 (0.5-1.4)	1 (-14.1-22.6)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	1 (0.6-1.5)	101	100	18	17
Stockton-on-Tees	16.8 (12-22.8)	17.2 (12.4-23.7)	2.1 (-7.8-11.1)	3.1 (2.2-4.2)	2.9 (2.2-4)	-6.2 (-15.1-2.2)	0 (0-0)	0 (0-0)	42 (16-67.2)	0.2 (0.2-0.3)	0.2 (0.1-0.3)	-6.2 (-14.4-1.9)	0 (0-0)	0 (0-0)	9.1 (-23.4-44.6)	1.2 (0.8-1.8)	1.2 (0.8-1.7)	0.7 (-11.7-12.7)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1.2 (0.8-1.7)	104	100	15	14
Sunderland	11.5 (8.4-16)	11.7 (8.5-16.4)	2 (-8.4-15.8)	1.7 (1.2-2.3)	1.5 (1.1-2.1)	-10.6 (-19.2-3.3)	0 (0-0)	0 (0-0)	40.3 (22.2-62.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-11.6 (-20.7-0)	0 (0-0)	0 (0-0)	17.1 (-11.2-56.8)	0.9 (0.5-1.4)	0.9 (0.5-1.4)	0.7 (-13.3-15.6)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1.1 (0.6-1.6)	103	100	18	16
North West England	22.8 (18-29.2)	25.1 (19.9-31.4)	10.3 (7.1-13.8)	4.1 (3.2-5)	4.2 (3.3-5.1)	2.5 (-1-5.8)	0 (0-0)	0 (0-0)	1.4 (-5-8.1)	0.3 (0.2-0.4)	0.3 (0.2-0.4)	2.3 (-1.1-6.3)	0 (0-0)	0 (0-0)	24.2 (9.1-38.4)	1.7 (1.2-2.2)	1.9 (1.4-2.5)	12.6 (7.2-18.9)	0 (0-0)	1.3 (0.9-1.7)	0 (0-0)	1.5 (1.1-2)	88	73	13	12
Blackburn with Darwen	27.1 (20.2-36.3)	27.6 (20.3-36.5)	2 (-5.5-11.8)	5.5 (3.9-7.3)	5 (3.6-6.5)	-9.7 (-15.3--3.3)	0 (0-0)	0 (0-0)	-2.3 (-13.5-14.2)	0.4 (0.3-0.5)	0.4 (0.3-0.5)	-11 (-17.8--3.8)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	3.6 (-18.6-34.6)	2.2 (1.5-3.1)	2.2 (1.5-3.2)	2.8 (-7.6-14.6)	0 (0-0)	1.1 (0.8-1.6)	0 (0-0.1)	1.4 (1-2)	73	67	16	13
Blackpool	22.7 (17.1-30.5)	23.1 (17.3-31.7)	2 (-5.5-8.6)	3.3 (2.4-4.3)	3.2 (2.4-4.3)	-0.9 (-8.1-4.9)	0 (0-0)	0 (0-0)	36.2 (17.9-64.1)	0.3 (0.2-0.4)	0.3 (0.2-0.4)	-0.3 (-8.4-7.7)	0 (0-0)	0 (0-0)	30.5 (5.3-76.6)	2 (1.4-2.8)	2.1 (1.4-3)	4 (-6.5-15.4)	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1.3 (0.9-1.8)	88	77	14	14
Bolton	30.7 (22.6-39.9)	31.3 (22.7-40.9)	2 (-5.8-10.8)	5.8 (4.2-7.8)	5.5 (3.9-7.2)	-5.1 (-12.4-3.8)	0 (0-0)	0 (0-0)	-1.7 (-16-17.2)	0.4 (0.3-0.5)	0.4 (0.3-0.5)	-4.4 (-11.8-3.7)	0 (0-0)	0 (0-0)	30 (-4-67.2)	2.4 (1.6-3.4)	2.5 (1.7-3.6)	3.6 (-7-15.4)	0 (0-0)	1.7 (1.2-2.4)	0 (0-0)	1.8 (1.2-2.5)	100	91	12	11
Bury	15.7 (11.4-21.1)	16.2 (11.6-22.1)	3.3 (-8.1-15.6)	2.6 (1.9-3.5)	2.5 (1.8-3.5)	-3.5 (-12.9-4.3)	0 (0-0)	0 (0-0)	8.2 (-4.5-24.4)	0.2 (0.1-0.3)	0.2 (0.1-0.3)	-3.7 (-12.5-5.6)	0 (0-0)	0.1 (0-0.1)	58 (18.3-95.9)	1.3 (0.8-1.9)	1.3 (0.9-2)	3.2 (-9.6-18)	0 (0-0)	1.2 (0.8-1.7)	0 (0-0)	1 (0.7-1.5)	77	68	14	19
Cheshire East	13.5 (9.8-17.8)	13.7 (10-18.6)	1.4 (-7.2-13.1)	2.2 (1.7-2.9)	2 (1.5-2.6)	-9.4 (-14.5--2.5)	0 (0-0)	0 (0-0)	9.7 (-7.3-26)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	-10.9 (-19.2--2.2)	0 (0-0)	0 (0-0)	55 (25.4-99.3)	0.9 (0.6-1.4)	0.9 (0.6-1.4)	-0.2 (-12.3-14)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1 (0.6-1.5)	96	86	16	18
Cheshire West and Chester	11.3 (8-16)	11.5 (8.2-16.5)	1.7 (-11.3-14)	1.6 (1.2-2.2)	1.5 (1.1-2.1)	-9.5 (-17.8-6.5)	0 (0-0)	0 (0-0)	15 (-2.2-35.8)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-12.8 (-23.8--0.4)	0 (0-0)	0 (0-0)	74.3 (31.6-141)	0.9 (0.5-1.3)	0.9 (0.5-1.4)	0.2 (-16.4-21.3)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.4)	102	95	18	20
Cumbria	13.6 (9.9-18.2)	14.1 (10.2-18.9)	3.4 (-4.9-15)	2.1 (1.6-2.8)	1.9 (1.4-2.5)	-10.5 (-18--2.5)	0 (0-0)	0 (0-0)	32.1 (14.9-50.4)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	-11.9 (-19.4--2.6)	0 (0-0)	0 (0-0)	26.8 (-5.1-73.2)	1 (0.6-1.5)	1 (0.7-1.5)	3.6 (-7.7-20.1)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1.1 (0.8-1.7)	106	96	16	16
Halton	11.9 (8.4-16.7)	12.1 (8.9-16.8)	1.8 (-7.3-17.3)	1.8 (1.3-2.5)	1.6 (1.2-2.2)	-9.5 (-16.4-2.8)	0 (0-0)	0 (0-0)	9.6 (-8.4-28.1)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	-10.3 (-20.5-2.8)	0 (0-0)	0 (0-0)	15 (-16.7-59.9)	1 (0.6-1.5)	1 (0.6-1.5)	0.7 (-13.9-19.6)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1 (0.6-1.5)	104	98	22	20
Knowsley	12 (8.6-16.3)	12.2 (8.9-16.8)	2.2 (-10.3-22.2)	1.9 (1.4-2.6)	1.8 (1.3-2.4)	-6.4 (-15-12.3)	0 (0-0)	0 (0-0)	13 (-7.2-28.3)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	-8.2 (-18.3-6.3)	0 (0-0)	0 (0-0)	5.8 (-23.9-42)	1 (0.6-1.4)	1 (0.6-1.5)	0.7 (-14.6-18.9)	0 (0-0)	0.8 (0.5-1.1)	0 (0-0)	0.8 (0.5-1.3)	100	94	20	22
Lancashire	13.4 (9.8-17.7)	12.8 (9.3-17.4)	-4.2 (-13.2-8.2)	2.1 (1.6-2.8)	1.8 (1.4-2.4)	-16.3 (-24.2--8.8)	0 (0-0)	0 (0-0)	28.3 (14.4-45.9)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	-14.9 (-23.2--6.2)	0 (0-0)	0 (0-0)	31.3 (-4.7-76.5)	1 (0.6-1.5)	1 (0.6-1.4)	-4.4 (-16.1-9.4)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.4)	96	83	18	20
Liverpool	34.3 (25.4-44)	34.9 (26.5-44.9)	1.7 (-5.6-9.8)	6.9 (5-9.1)	6.4 (4.8-8.6)	-7.3 (-12.9--0.1)	0 (0-0)	0 (0-0)	-17.8 (-27.2--6.9)	0.4 (0.3-0.6)	0.4 (0.3-0.6)	-4 (-10.7-3.2)	0 (0-0)	0 (0-0)	26.8 (-2.8-63.5)	2.5 (1.7-3.4)	2.6 (1.8-3.5)	3.3 (-5.9-13.5)	0 (0-0)	1.8 (1.2-2.4)	0 (0-0)	1.8 (1.2-2.5)	73	68	11	12
Manchester	68.9 (56.4-86.2)	70.1 (55.6-87.3)	1.7 (-5.2-8.9)	15.5 (12.3-19.3)	15.7 (12.5-19.5)	1.5 (-5.1-8.2)	0.1 (0.1-0.1)	0.1 (0-0.1)	-28.4 (-36.5--19)	1 (0.8-1.2)	1 (0.8-1.2)	4.3 (-3.1-11.4)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-24.3 (-40.9--5.6)	5.2 (3.8-7.1)	5.4 (4-7.3)	3.9 (-6.9-14.8)	0 (0-0.1)	2.6 (1.9-3.6)	0 (0-0.1)	3.6 (2.6-5.1)	66	62	8	6

Location	Birth incidence rate (per 100,000 live births), 2000	Birth incidence rate (per 100,000 live births), 2021	Birth incidence rate (per 100,000 live births) percent change (2000-2021)	All age rate (per 100,000 population), 2000	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	All age total SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Oldham	15.1 (11.2-20.3)	15.6 (11.4-20.8)	3.2 (-4.5-10.5)	2.6 (1.9-3.4)	2.6 (1.9-3.5)	-0.3 (-6.3-7.2)	0 (0-0)	0 (0-0)	16 (3.2-29.7)	0.2 (0.2-0.3)	0.2 (0.1-0.3)	-0.7 (-10.5-8.5)	0 (0-0)	0.1 (0-0.1)	28.8 (4-63.1)	1.2 (0.8-1.8)	1.2 (0.8-1.8)	2.2 (-12.4-15.9)	0 (0-0)	0.7 (0.5-1.1)	0 (0-0)	0.7 (0.4-1)	74	70	19	22
Rochdale	12.4 (8.9-17.2)	12.6 (9.1-17.6)	1.7 (-5.8-12.2)	1.9 (1.4-2.5)	1.8 (1.3-2.4)	-4.9 (-11.7-4.1)	0 (0-0)	0 (0-0)	30.4 (10.4-47.9)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	-6.2 (-15.6-4.3)	0 (0-0)	0 (0-0)	63.3 (25.9-111)	1 (0.6-1.6)	1 (0.6-1.6)	0.7 (-11.4-16.4)	0 (0-0)	0.7 (0.4-1)	0 (0-0)	0.7 (0.4-1.1)	101	93	20	23
Salford	60.1 (47.5-74.3)	60.6 (47.3-76.1)	0.9 (-9.7-8.2)	12.7 (10.2-16)	13 (10.3-16.3)	1.7 (-7.6-9.2)	0 (0-0)	0 (0-0)	-10.2 (-22.2-5.7)	0.8 (0.6-1)	0.8 (0.6-1)	3.9 (-4-13.8)	0 (0-0)	0 (0-0.1)	66.4 (32.1-111)	4.2 (3-5.6)	4.3 (3-5.9)	2.7 (-7.2-15)	0 (0-0)	2.9 (2-4)	0 (0-0)	3 (2.1-4.1)	85	69	8	7
Sefton	11.3 (8.2-15.3)	11.5 (8.2-15.7)	1.7 (-7.2-17.1)	1.6 (1.2-2.3)	1.5 (1.1-2.1)	-8.9 (-18.3-9.8)	0 (0-0)	0 (0-0)	18.5 (1.6-38.9)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-11.1 (-20.6-2.5)	0 (0-0)	0 (0-0)	20.3 (-11.5-55)	0.9 (0.5-1.3)	0.9 (0.5-1.4)	0.1 (-15.9-18.1)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.2)	85	77	18	22
St Helens	11.8 (8.5-16.2)	11.9 (8.5-16.7)	1.1 (-11.1-12.6)	1.7 (1.3-2.3)	1.6 (1.2-2.2)	-9.1 (-17.4-1.6)	0 (0-0)	0 (0-0)	38.2 (15.4-66.1)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-10.6 (-20.5-0.9)	0 (0-0)	0 (0-0)	11.9 (-22.5-57.6)	0.9 (0.6-1.4)	0.9 (0.6-1.4)	0 (-16-17.3)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1 (0.6-1.5)	99	93	20	19
Stockport	16.2 (11.7-22.8)	16.7 (11.7-23.1)	2.8 (-5.9-13.2)	2.8 (2.1-3.8)	2.7 (2-3.6)	-4.8 (-10.9-4)	0 (0-0)	0 (0-0)	3 (-13.9-20.7)	0.2 (0.1-0.3)	0.2 (0.1-0.3)	-4 (-11.1-4.7)	0 (0-0)	0 (0-0)	44.4 (16.9-80.4)	1.2 (0.8-1.8)	1.2 (0.8-1.8)	2.7 (-8.7-15.7)	0 (0-0)	1.1 (0.8-1.7)	0 (0-0)	1.1 (0.7-1.6)	88	76	13	17
Tameside	37.3 (26.9-48.2)	37.6 (27.3-48.6)	1 (-6.3-9.4)	7.7 (5.5-10.1)	7.2 (5.2-9.4)	-7 (-12.9-0.3)	0 (0-0)	0 (0-0)	32 (10.9-57.9)	0.5 (0.3-0.7)	0.5 (0.3-0.6)	-5 (-11.3-1.6)	0 (0-0)	0 (0-0)	16.4 (-11.8-57)	2.6 (1.8-3.7)	2.7 (1.9-3.9)	2.6 (-6.1-12.4)	0 (0-0)	2.2 (1.5-3.1)	0 (0-0)	2.7 (1.8-3.7)	99	95	8	9
Trafford	11.3 (8.4-15.8)	11.5 (8.3-16)	1.5 (-9.6-11.9)	1.7 (1.2-2.3)	1.6 (1.2-2.2)	-1.2 (-11.1-16.2)	0 (0-0)	0 (0-0)	-27.1 (-39.7--13.7)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-0.2 (-12.7-13.2)	0 (0-0)	0 (0-0)	-3.9 (-24.2-25.6)	0.9 (0.5-1.3)	0.9 (0.5-1.4)	0.5 (-15.3-17.9)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	1.1 (0.7-1.7)	86	77	19	15
Warrington	11.9 (8.6-16.6)	11.9 (8.5-17.1)	0.5 (-8.7-12.9)	1.8 (1.3-2.4)	1.6 (1.2-2.2)	-9.6 (-16.2--0.8)	0 (0-0)	0 (0-0)	-7 (-20.2-8.8)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	-11.8 (-20.7--0.7)	0 (0-0)	0 (0-0)	32.4 (-1.3-69)	0.9 (0.6-1.4)	0.9 (0.6-1.4)	-1.1 (-15-14)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	1 (0.6-1.5)	86	75	17	18
Wigan	20.9 (15.4-28.1)	21.2 (15.7-29.1)	1.5 (-7.5-10.4)	4 (2.9-5.2)	3.7 (2.7-4.9)	-8.3 (-15.2-0.1)	0 (0-0)	0 (0-0)	27.1 (7.8-48.7)	0.3 (0.2-0.4)	0.2 (0.2-0.3)	-8 (-15-0)	0 (0-0)	0 (0-0)	29.1 (-6.8-71.1)	1.4 (0.9-1.9)	1.4 (0.9-2)	1.7 (-9.8-16.1)	0 (0-0)	1.1 (0.8-1.6)	0 (0-0)	1.3 (0.8-1.8)	99	91	15	16
Wirral	15.9 (11.8-21.5)	14.8 (10.5-19.8)	-6.8 (-14.9-5)	2.8 (2.1-3.5)	2.2 (1.7-3)	-18.1 (-25.3--8.6)	0 (0-0)	0 (0-0)	8.4 (-5.1-21.2)	0.2 (0.1-0.3)	0.2 (0.1-0.2)	-16 (-23.7--7.7)	0 (0-0)	0 (0-0)	22.7 (-6.7-58.1)	1.1 (0.7-1.6)	1.1 (0.7-1.6)	-5.5 (-17.5-7.3)	0 (0-0)	0.9 (0.6-1.4)	0 (0-0)	0.9 (0.6-1.4)	82	70	17	20
South East England	18.3 (14.2-24.1)	18.6 (14.6-24.4)	1.9 (-0.9-4.7)	3.5 (2.6-4.4)	3.3 (2.5-4.1)	-4.8 (-7--2)	0 (0-0)	0 (0-0)	1 (-8-9.6)	0.2 (0.2-0.3)	0.2 (0.2-0.3)	-4.5 (-7.5--1.7)	0 (0-0)	0 (0-0)	9.7 (0-21.5)	1.2 (0.9-1.7)	1.3 (0.9-1.8)	3.5 (-1-7.6)	0 (0-0)	1.3 (0.9-1.8)	0 (0-0)	1.5 (1-2)	86	79	14	12
Bracknell Forest	10.9 (7.9-15.7)	11.1 (8-15.3)	1.8 (-12.4-16.2)	1.9 (1.4-2.6)	1.8 (1.3-2.4)	-8.2 (-17.8-12.2)	0 (0-0)	0 (0-0)	-20 (-34.5--5.7)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	-8.7 (-21-7.1)	0 (0-0)	0 (0-0)	-50 (-63.4--35.4)	0.8 (0.5-1.3)	0.8 (0.5-1.3)	0.1 (-16.4-20.2)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1.8 (1-2.8)	76	74	19	12
Brighton and Hove	16.6 (12-22.6)	16.9 (12.4-23)	2.1 (-5.3-12.2)	2.8 (2-3.9)	2.8 (2-4)	-0.6 (-6.4-5.5)	0 (0-0)	0 (0-0)	-17.8 (-31.5--2.9)	0.2 (0.1-0.3)	0.2 (0.1-0.3)	-2.7 (-10.5-5.9)	0 (0-0)	0 (0-0)	-29.7 (-47.9--5.3)	1.2 (0.8-1.7)	1.2 (0.8-1.8)	1.7 (-10.2-15.9)	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	1.7 (1.1-2.5)	90	79	18	11
Buckinghamshire	23 (16.5-30.8)	23.6 (17.3-31.3)	2.5 (-5.8-10.2)	4.8 (3.4-6.4)	4.5 (3.1-5.9)	-6.7 (-13.4--0.7)	0 (0-0)	0 (0-0)	-5.5 (-22.7-12)	0.3 (0.2-0.4)	0.3 (0.2-0.4)	-6 (-12.3-1.2)	0 (0-0)	0 (0-0)	32 (3.8-59.5)	1.5 (1-2.1)	1.5 (1-2.2)	3.2 (-7.2-14.3)	0 (0-0)	1.5 (1-2.2)	0 (0-0)	1.4 (0.9-2)	94	84	13	13
East Sussex	11.3 (8.1-15.9)	11.5 (8.3-15.9)	1.1 (-11.4-15.6)	1.6 (1.1-2.1)	1.4 (1.1-2)	-7.8 (-18.6-5.7)	0 (0-0)	0 (0-0)	4.4 (-11.5-20.8)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-11.8 (-22.5-0.9)	0 (0-0)	0 (0-0)	2.7 (-23.7-36.9)	0.8 (0.5-1.3)	0.8 (0.5-1.3)	-1.4 (-17.1-16.8)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	1 (0.6-1.6)	91	78	18	17
Hampshire	17.3 (13.2-22.9)	17.5 (13.4-22.6)	1.5 (-5.5-10.6)	3.5 (2.7-4.4)	3.1 (2.4-4)	-9.5 (-15.2--2.4)	0 (0-0)	0 (0-0)	12.1 (-1.5-30.1)	0.2 (0.2-0.3)	0.2 (0.1-0.3)	-9.2 (-16.6--1.6)	0 (0-0)	0 (0-0)	38.5 (6.4-86.5)	1.1 (0.7-1.6)	1.1 (0.7-1.5)	0.5 (-12.5-12.9)	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1.1 (0.8-1.7)	98	88	14	14
Isle of Wight	11.2 (8.3-15.6)	11.5 (8.4-15.8)	2.5 (-8.8-19.3)	1.5 (1.1-2.2)	1.4 (1.1-1.9)	-7.1 (-15.9-8.5)	0 (0-0)	0 (0-0)	31.2 (8.4-53.2)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-10.4 (-20-3)	0 (0-0)	0 (0-0)	-13.4 (-38-22.4)	0.9 (0.5-1.3)	0.9 (0.5-1.4)	0.3 (-15-20.3)	0 (0-0)	1.1 (0.6-1.6)	0 (0-0)	1.4 (0.9-2.3)	102	97	17	12
Kent	20.8 (15.8-27.7)	19.5 (14.7-26)	-6.1 (-14.1-3.5)	4.1 (3-5.3)	3.6 (2.7-4.6)	-13.3 (-20.6--3.6)	0 (0-0)	0 (0-0)	15.9 (-1.3-30.2)	0.3 (0.2-0.3)	0.2 (0.2-0.3)	-12.2 (-20.5--3.8)	0 (0-0)	0 (0-0)	25.3 (-3.5-65.5)	1.4 (1-2)	1.3 (0.9-1.9)	-5.6 (-17.3-6.3)	0 (0-0)	1.6 (1-2.2)	0 (0-0)	1.4 (1-2)	86	77	13	13
Medway	22 (16.4-29.9)	22.5 (17.2-29.8)	2 (-6.7-11.7)	4.7 (3.4-6.2)	4.4 (3.2-5.7)	-6.8 (-15.7--0.1)	0 (0-0)	0 (0-0)	0.7 (-13.9-15.9)	0.3 (0.2-0.4)	0.3 (0.2-0.4)	-5.5 (-12.9-2.1)	0 (0-0)	0 (0-0)	-2.2 (-28-28)	1.5 (1-2)	1.5 (1-2.1)	1.8 (-8.9-13.5)	0 (0-0)	1.3 (0.9-1.7)	0 (0-0)	1.7 (1.1-2.4)	91	77	15	14
Milton Keynes	52.3 (41.5-66.2)	52.7 (42.1-66.1)	0.8 (-5.9-8.8)	12.7 (9.8-16.1)	11.9 (9.2-15.5)	-6.6 (-13.1-1.7)	0 (0-0)	0 (0-0)	-13.1 (-24.8-0.6)	0.7 (0.6-0.9)	0.7 (0.5-0.9)	-6.1 (-12.8-0.1)	0 (0-0)	0 (0-0)	-21.8 (-43.9-1.4)	3.6 (2.6-4.8)	3.6 (2.6-4.9)	2.8 (-6.9-14.4)	0 (0-0)	2.5 (1.9-3.5)	0 (0-0)	3.6 (2.4-4.8)	80	75	8	6
Oxfordshire	19.9 (15-26.7)	20.3 (15-27.3)	2.5 (-3.6-10.1)	4 (2.9-5.1)	3.8 (2.7-4.9)	-5.7 (-11.4-0.5)	0 (0-0)	0 (0-0)	-10.5 (-22.9-5.7)	0.3 (0.2-0.3)	0.2 (0.2-0.3)	-5.8 (-11.8-0.5)	0 (0-0)	0 (0-0)	-4.4 (-22.2-26.6)	1.3 (0.9-1.9)	1.4 (0.9-1.9)	2.7 (-7.6-14.2)	0 (0-0)	1.4 (1-2.1)	0 (0-0)	1.9 (1.3-2.7)	80	76	14	12
Portsmouth	11.4 (8.2-15.8)	11.6 (8.6-16.1)	1.6 (-7.3-12.8)	1.8 (1.3-2.4)	1.8 (1.3-2.4)	1.8 (-6.7-14.8)	0 (0-0)	0 (0-0)	-9.7 (-24.1-5)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	1.7 (-8.2-14.4)	0 (0-0)	0 (0-0)	-23.1 (-38.7-2.1)	0.9 (0.5-1.4)	0.9 (0.5-1.3)	0.1 (-13.2-17.2)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1.4 (0.8-2.1)	103	91	19	14
Reading	11.7 (8.2-16.3)	12 (8.5-16.8)	2.6 (-9-19.1)	1.8 (1.4-2.4)	2 (1.5-2.7)	9.7 (0-24.5)	0 (0-0)	0 (0-0)	-5.3 (-18.7-8.2)	0.1 (0.1-0.2)	0.2 (0.1-0.2)	14.2 (0.9-36.8)	0.1 (0-0.1)	0 (0-0.1)	-17.9 (-37.8-4.2)	0.9 (0.6-1.4)	1 (0.6-1.5)	2.2 (-13.4-27.1)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.9 (0.5-1.4)	74	72	25	18
Slough	35.8 (24.5-50.4)	36.6 (25.1-50.1)	2.2 (-4.2-9.5)	7.6 (5.1-10.2)	8.2 (5.4-11.3)	8.4 (1-20.5)	0.1 (0.1-0.1)	0.1 (0-0.1)	-32 (-39.8--24.4)	0.5 (0.3-0.7)	0.6 (0.4-0.8)	8.8 (1.8-16.9)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-1.8 (-21.1-27.2)	2.8 (1.8-4)	2.9 (1.9-4.1)	3.3 (-4.8-13)	0.1 (0.1-0.1)	1.9 (1.2-2.8)	0.1 (0.1-0.1)	2 (1.4-2.9)	64	61	11	10
Southampton	20 (14.4-27.3)	20.6 (14.9-29.1)	2.9 (-5-11.5)	3.6 (2.5-4.9)	3.7 (2.6-5.2)	2.2 (-6.7-10.4)	0 (0-0)	0 (0-0)	-8.5 (-20.3-4.8)	0.3 (0.2-0.3)	0.3 (0.2-0.4)	6.7 (-1.5-16.3)	0 (0-0)	0 (0-0)	-15.9 (-38.4-22.3)	1.6 (1-2.3)	1.7 (1.1-2.4)	4.3 (-7.5-17.4)	0 (0-0)	1.3 (0.8-1.9)	0 (0-0)	1.8 (1.1-2.6)	88	78	14	12
Surrey	14.9 (11-20.3)	15.3 (11.5-20)	2.5 (-6.1-11.8)	2.8 (2.1-3.5)	2.7 (2.1-3.4)	-2.2 (-9.4-4.6)	0 (0-0)	0 (0-0)	-3.5 (-15.7-10.4)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	-2.1 (-10.4-6.4)	0 (0-0)	0 (0-0)	16.4 (-9.8-41.6)	1 (0.7-1.4)	1 (0.7-1.5)	3.1 (-9.8-16)	0 (0-0)	1.3 (0.8-1.8)	0 (0-0)	1.4 (0.9-2)	91	78	14	14
West Berkshire	10.9 (7.8-15.3)	11.1 (7.9-15.8)	1.5 (-8.9-18.6)	1.8 (1.3-2.4)	1.6 (1.2-2.2)	-8.7 (-16.6-3.8)	0 (0-0)	0 (0-0)	5.1 (-10.8-23)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-7.8 (-17.5-4.5)	0 (0-0)	0 (0-0)	27.1 (-7.1-72.3)	0.8 (0.5-1.3)	0.8 (0.5-1.3)	1.1 (-14.9-18)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	1.1 (0.6-1.6)	102	98	18	18
West Sussex	12.4 (9-16.6)	12.7 (9.3-17.2)	2.5 (-8.3-13.1)	2 (1.5-2.6)	1.9 (1.4-2.5)	-3.6 (-9.9-5.7)	0 (0-0)	0 (0-0)	13.6 (1-32)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-5.4 (-16-6.3)	0 (0-0)	0 (0-0)	9.4 (-13.9-33.6)	0.9 (0.5-1.3)	0.9 (0.5-1.3)	1.4 (-13.3-18.3)	0 (0-0)	1 (0.7-1.6)	0 (0-0)	1 (0.7-1.5)	77	71	17	17

Location	Birth incidence rate (per 100,000 live births), 2000	Birth incidence rate (per 100,000 live births), 2021	Birth incidence rate (per 100,000 live births) percent change (2000-2021)	All age rate (per 100,000 population), 2000	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	All age total SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Windsor and Maidenhead	10.8 (7.6-15.1)	11 (7.8-15.3)	2.1 (-9.4-17.2)	1.7 (1.2-2.3)	1.6 (1.2-2.2)	-4.4 (-13.1-9.9)	0 (0-0)	0 (0-0)	-14.3 (-26.4--1.5)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-4.8 (-15.8-10.2)	0 (0-0)	0 (0-0)	-3.1 (-27.5-25.7)	0.8 (0.5-1.2)	0.8 (0.5-1.3)	0.9 (-14.6-17.8)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	1.2 (0.7-1.8)	78	72	21	17
Wokingham	10.3 (7.3-13.9)	10.4 (7.3-14)	1 (-12-15.1)	1.8 (1.3-2.3)	1.6 (1.1-2.2)	-9.1 (-17.2-1.9)	0 (0-0)	0 (0-0)	27 (8-46.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-7.4 (-17.3-4.7)	0 (0-0)	0 (0-0)	31.4 (-0.7-77.6)	0.7 (0.4-1.2)	0.7 (0.4-1.1)	0.1 (-14.7-15)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1 (0.6-1.5)	81	73	16	17
South West England	15.6 (12.1-20.5)	15.8 (12.1-20.8)	1.5 (-1.9-7.1)	2.6 (2.1-3.3)	2.5 (2-3.1)	-5.8 (-9-1)	0 (0-0)	0 (0-0)	6.6 (-2.2-16)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	-6.9 (-10.4--1.7)	0 (0-0)	0 (0-0)	-10 (-25.3-5.8)	1.1 (0.7-1.5)	1.1 (0.8-1.5)	1.7 (-3.4-7.5)	0 (0-0)	1.1 (0.7-1.5)	0 (0-0)	1.5 (1-2)	93	88	17	12
Bath and North East Somerset	20.5 (14.8-27.6)	21.1 (15.3-29.5)	2.9 (-7.1-9.1)	3.9 (2.7-5)	3.8 (2.6-5.2)	-2.8 (-10.3-4.7)	0 (0-0)	0 (0-0)	-19.4 (-32.1--5.3)	0.2 (0.2-0.3)	0.2 (0.2-0.3)	-2.8 (-11.4-4.6)	0 (0-0)	0 (0-0)	-11.3 (-33.4-8.7)	1.5 (1-2.2)	1.6 (1-2.3)	4.6 (-8.3-15.9)	0 (0-0)	1.8 (1.1-2.5)	0 (0-0)	2.4 (1.5-3.3)	84	77	12	12
Bournemouth	33.1 (24.1-43.5)	25.4 (18.8-33)	-23.4 (-32.4--13.4)	6.6 (4.8-8.8)	5.1 (3.8-6.9)	-22 (-30.9--13.4)	0 (0-0)	0 (0-0)	-16.8 (-31.7-3)	0.4 (0.3-0.5)	0.3 (0.2-0.4)	-22 (-32--10.9)	0 (0-0)	0 (0-0)	-69.2 (-78.7--55.1)	2 (1.4-2.8)	1.5 (1.1-2.2)	-22.2 (-34.2--8.7)	0 (0-0)	1.8 (1.2-2.5)	0 (0-0)	5.7 (3.5-8.3)	102	92	11	5
Bristol, City of	41.2 (32.9-51.4)	38.3 (30-48.9)	-6.9 (-13.5-0.8)	9.2 (7.1-11.6)	8.6 (6.7-11)	-6.2 (-13.2-2.6)	0 (0-0)	0 (0-0)	-3.6 (-15.5-8.5)	0.6 (0.4-0.7)	0.5 (0.4-0.7)	-5.6 (-12.7-1.4)	0 (0-0)	0 (0-0)	-20.4 (-38.5-3)	2.8 (2-3.9)	2.6 (1.9-3.6)	-6.8 (-16.8-3.4)	0 (0-0)	2.3 (1.6-3)	0 (0-0)	3.6 (2.4-4.7)	78	68	8	7
Comwall	11.1 (7.6-15.9)	11.3 (8.1-15.7)	1.4 (-13.4-21.6)	1.6 (1.1-2.1)	1.4 (1.1-2)	-6.3 (-16.2-10.2)	0 (0-0)	0 (0-0)	33.3 (12.4-58.4)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-9.7 (-20.7-5.3)	0 (0-0)	0 (0-0)	14.3 (-12.4-44)	0.8 (0.5-1.3)	0.8 (0.5-1.2)	-0.8 (-17.6-20.2)	0 (0-0)	0.8 (0.5-1.4)	0 (0-0)	0.9 (0.6-1.4)	106	103	17	17
Devon	10.5 (7.2-14.8)	10.7 (8-14.8)	1.6 (-11.2-20.7)	1.5 (1.1-2)	1.4 (1.1-2)	-6.5 (-17-12)	0 (0-0)	0 (0-0)	22.1 (-0.1-40.8)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-8.7 (-18.9-7.3)	0 (0-0)	0 (0-0)	3.4 (-23.2-46.4)	0.8 (0.4-1.2)	0.7 (0.4-1.1)	-0.2 (-16-19)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	1 (0.6-1.4)	93	88	17	16
Dorset	10.9 (7.7-14.8)	11 (8.1-15.7)	1.6 (-12.2-14.6)	1.5 (1.1-2)	1.4 (1-1.9)	-8.9 (-18.1-8.2)	0 (0-0)	0 (0-0)	7 (-10.6-31.7)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-11.3 (-21.9-2.7)	0 (0-0)	0 (0-0)	4.3 (-19.4-41.2)	0.8 (0.5-1.2)	0.8 (0.5-1.2)	0.4 (-14.4-21.5)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	1.2 (0.8-1.9)	104	99	18	13
Gloucestershire	14.7 (10.9-20.4)	15.2 (11-20.6)	2.9 (-8.3-14.3)	2.6 (2-3.5)	2.5 (1.9-3.3)	-6.7 (-14.7-0.8)	0 (0-0)	0 (0-0)	16.7 (-1.7-36)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	-7.4 (-16.3-1.8)	0 (0-0)	0 (0-0)	-2.8 (-24.8-29.6)	1 (0.6-1.4)	1 (0.7-1.5)	2 (-12.4-16.1)	0 (0-0)	1 (0.7-1.4)	0 (0-0)	1.2 (0.8-1.7)	81	75	17	15
North Somerset	10.7 (7.6-14.9)	10.9 (7.8-15.1)	2.1 (-8.5-12.8)	1.6 (1.2-2.2)	1.5 (1.1-2.1)	-4.7 (-11.7-5.8)	0 (0-0)	0 (0-0)	4.1 (-11.1-26.8)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-5.1 (-15.6-5.8)	0 (0-0)	0 (0-0)	-8.8 (-30.7-22.2)	0.8 (0.5-1.2)	0.8 (0.5-1.2)	0.8 (-13.8-16.7)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	1.2 (0.7-1.9)	102	93	19	15
Plymouth	11.3 (8.3-15.8)	11.5 (8.3-15.5)	1.2 (-13.9-19.8)	1.7 (1.2-2.3)	1.6 (1.2-2.2)	-3.1 (-12.8-13.3)	0 (0-0)	0 (0-0)	17.9 (1.7-43.2)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-5.5 (-16-8.3)	0 (0-0)	0 (0-0)	-10.7 (-33-21.2)	0.9 (0.5-1.4)	0.9 (0.5-1.4)	0 (-14.3-18.1)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1.2 (0.7-1.7)	103	96	20	15
Poole	11.1 (8.1-15.7)	11.3 (8.5-15.8)	2.3 (-7.2-16.3)	1.6 (1.2-2.2)	1.5 (1.2-2.1)	-3.1 (-10.2-12.4)	0 (0-0)	0 (0-0)	-16.7 (-33.2-4.9)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-4.5 (-14-9.3)	0 (0-0)	0 (0-0)	-78.4 (-84.4--69.4)	0.9 (0.5-1.4)	0.9 (0.5-1.4)	1 (-13.5-20.7)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	3.4 (1.8-5)	79	77	21	9
Somerset	10.8 (7.3-14.7)	11 (8.2-15.1)	1.6 (-12.2-20.4)	1.6 (1.2-2.1)	1.5 (1.1-1.9)	-6.9 (-16.1-11.5)	0 (0-0)	0 (0-0)	10.3 (-5.4-29.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-9.1 (-19.9-6.9)	0 (0-0)	0 (0-0)	4.1 (-31.6-42.6)	0.8 (0.4-1.2)	0.8 (0.5-1.2)	-0.2 (-16.1-21.8)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.9 (0.6-1.4)	93	88	17	18
South Gloucestershire	17.4 (12.8-23.8)	18 (13.2-25.3)	3.4 (-5.6-12.6)	3.4 (2.4-4.6)	3.1 (2.3-4.3)	-6.3 (-13.3-1.4)	0 (0-0)	0 (0-0)	-10.6 (-23.1-4.2)	0.2 (0.2-0.3)	0.2 (0.1-0.3)	-7 (-15.2-0.7)	0 (0-0)	0 (0-0)	25.5 (-0.5-55.4)	1.2 (0.8-1.8)	1.3 (0.8-1.9)	5.2 (-7.6-17.9)	0 (0-0)	1.4 (0.9-1.9)	0 (0-0)	1.7 (1.1-2.4)	101	92	13	12
Swindon	11.2 (7.9-15.8)	11.3 (8.1-15.9)	1.1 (-7.1-15.5)	1.8 (1.3-2.5)	1.7 (1.2-2.3)	-5 (-13.2-4.1)	0 (0-0)	0 (0-0)	-7.3 (-20.2-11.8)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-6.2 (-15.1-6.3)	0 (0-0)	0 (0-0)	-12.8 (-35.3-19.3)	0.9 (0.5-1.4)	0.9 (0.5-1.4)	-0.5 (-13-18.6)	0 (0-0)	0.8 (0.5-1.1)	0 (0-0)	1.3 (0.7-1.9)	106	97	18	14
Torbay	11.5 (8.4-16.1)	11.7 (8.5-16.4)	2.3 (-9.3-16.1)	1.5 (1.1-2.1)	1.5 (1.2-2.1)	-1.3 (-11.7-15.8)	0 (0-0)	0 (0-0)	29.2 (10.5-50.4)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-1.9 (-13.3-13.7)	0 (0-0)	0 (0-0)	-4.2 (-28.8-41.4)	0.9 (0.5-1.4)	0.9 (0.5-1.4)	1 (-15.1-19.9)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	1.4 (0.8-2)	103	99	20	15
Wiltshire	10.9 (7.4-15.4)	11.1 (8-15.2)	1.6 (-9.6-20.2)	1.7 (1.2-2.3)	1.6 (1.1-2.1)	-8.9 (-17.3-10.6)	0 (0-0)	0 (0-0)	8.9 (-9.1-24.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-11 (-21.3-4.3)	0 (0-0)	0 (0-0)	53.7 (13.2-104)	0.8 (0.5-1.2)	0.8 (0.5-1.2)	-0.3 (-14.2-18.5)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.8 (0.5-1.3)	108	99	18	21
West Midlands	23.9 (19-29.8)	24.8 (19.6-31.1)	3.6 (0.2-7.9)	4.4 (3.5-5.4)	4.3 (3.5-5.3)	-1.3 (-4.3-3.3)	0 (0-0)	0 (0-0)	-1.2 (-7.7-6.7)	0.3 (0.2-0.4)	0.3 (0.2-0.4)	-1.4 (-4.9-2.4)	0 (0-0)	0 (0-0)	4.7 (-6-17.8)	1.7 (1.2-2.3)	1.8 (1.3-2.4)	5.5 (0.3-11)	0 (0-0)	1.2 (0.9-1.6)	0 (0-0)	1.2 (0.9-1.7)	75	68	14	14
Birmingham	42.2 (33.6-52.1)	44.8 (35.4-55.8)	6.3 (-0.6-16.1)	9.7 (7.7-12.1)	10.1 (8.1-12.8)	4.3 (-1.2-15.8)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-7.6 (-16.3-3.9)	0.6 (0.5-0.7)	0.6 (0.5-0.8)	4.7 (-2.1-12.9)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-9.2 (-24.7-8.3)	3.1 (2.3-4)	3.3 (2.4-4.4)	7.8 (-2.3-19.5)	0 (0-0.1)	1.5 (1.1-2)	0 (0-0)	1.8 (1.3-2.4)	66	57	13	10
Coventry	32.1 (23.3-42)	32.9 (23.6-43.2)	2.6 (-3.4-10.7)	6.5 (4.5-8.9)	6.6 (4.6-8.8)	1.1 (-7.2-7.7)	0 (0-0)	0 (0-0)	2.4 (-9.5-15.1)	0.4 (0.3-0.6)	0.4 (0.3-0.6)	3.7 (-3.3-10.7)	0 (0-0)	0 (0-0)	2.7 (-14.6-25)	2.4 (1.6-3.4)	2.5 (1.6-3.6)	4 (-5.3-14.3)	0 (0-0)	1.5 (1.1-2.2)	0 (0-0)	2.1 (1.3-3)	73	71	13	10
Dudley	26.9 (20.9-33.8)	22.9 (17.7-29.7)	-14.8 (-23.2--3.4)	5.3 (4-7)	4.2 (3.2-5.4)	-21.2 (-28.9--11.4)	0 (0-0)	0 (0-0)	8.9 (-6.8-27.5)	0.3 (0.2-0.4)	0.3 (0.2-0.3)	-18.3 (-26.2--10.1)	0 (0-0)	0 (0-0)	23.1 (-3.3-49.9)	1.8 (1.2-2.4)	1.5 (1.1-2.1)	-13.1 (-23.4--1)	0 (0-0)	1.4 (1-1.9)	0 (0-0)	1.4 (0.9-1.9)	82	72	14	14
Herefordshire, County of	11.5 (8.3-15.8)	11.6 (8.2-16)	1.4 (-7.8-15.8)	1.6 (1.2-2.2)	1.5 (1.1-2)	-9.5 (-17.6-4.1)	0 (0-0)	0 (0-0)	59.2 (36.7-97)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-13.3 (-23.6--0.1)	0 (0-0)	0 (0-0)	59 (11.3-103)	0.9 (0.5-1.4)	0.9 (0.5-1.4)	-0.8 (-15.8-18.7)	0 (0-0)	1.1 (0.6-1.8)	0 (0-0)	0.9 (0.5-1.4)	102	95	16	22
Sandwell	41 (30.9-53.7)	36 (27.2-46.9)	-12.2 (-17.8--4.4)	8.4 (6.1-11.1)	7.5 (5.5-9.7)	-11.3 (-16.5--4.8)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-12.7 (-21.7--3.6)	0.5 (0.4-0.7)	0.5 (0.4-0.6)	-11.2 (-17--4.3)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-10.6 (-23.1-5.9)	3.1 (2.1-4.2)	2.7 (1.8-3.7)	-13.3 (-20.5--4.7)	0 (0-0.1)	1.8 (1.2-2.4)	0 (0-0.1)	1.6 (1.1-2.3)	64	58	11	12
Shropshire	11.2 (8.1-15.3)	11.3 (7.9-15.8)	0.8 (-9.4-13)	1.6 (1.2-2.1)	1.4 (1-2)	-11.8 (-19.4-3.5)	0 (0-0)	0 (0-0)	17.4 (1.2-36.7)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-14.8 (-22.9--3.8)	0 (0-0)	0 (0-0)	34.4 (3.8-72.9)	0.9 (0.5-1.3)	0.9 (0.5-1.3)	-1.1 (-15.3-16.9)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.6-1.5)	104	96	20	19
Soihull	17.3 (12.5-24.3)	17.6 (12.8-24.4)	2 (-5.8-14.8)	3.3 (2.4-4.5)	3.1 (2.2-4.2)	-5.6 (-13.8-3.2)	0 (0-0)	0 (0-0)	3.6 (-10.4-20.9)	0.2 (0.2-0.3)	0.2 (0.1-0.3)	-5.6 (-14.1-4.1)	0 (0-0)	0 (0-0)	17.8 (-9.6-64)	1.2 (0.8-1.7)	1.2 (0.8-1.7)	0.8 (-11-15.5)	0 (0-0)	1.2 (0.8-1.8)	0 (0-0)	1 (0.6-1.5)	86	79	14	17
Staffordshire	12.8 (9.5-17.2)	12.2 (9.1-16.1)	-4 (-11.8-9.4)	2.1 (1.6-2.8)	1.8 (1.3-2.3)	-17.9 (-24.9--3.9)	0 (0-0)	0 (0-0)	3.9 (-11.4-21.4)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	-16.7 (-25.7--4.3)	0 (0-0)	0 (0-0)	45.5 (20.8-70.6)	0.9 (0.6-1.3)	0.9 (0.5-1.3)	-3.1 (-18.3-15.9)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.6 (0.4-1)	85	75	17	23
Stoke-on-Trent	12.2 (9-17.1)	12.5 (9.2-17.3)	2.1 (-10-18.5)	1.7 (1.3-2.4)	1.7 (1.3-2.4)	0.6 (-8.1-16)	0 (0-0)	0 (0-0)	41.7 (17.3-64.5)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	2.2 (-9-17.9)	0 (0-0)	0 (0-0)	55.7 (13.6-111)	1 (0.6-1.5)	1 (0.6-1.6)	1.8 (-12.2-22.9)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.7)	104	102	21	26
Telford and Wrekin	35.5 (26.8-47)	36 (27.9-47.8)	1.3 (-9-10.8)	7.2 (5.6-9.5)	6.5 (4.9-8.7)	-9.7 (-19-0.1)	0 (0-0)	0 (0-0)	21.3 (2.9-41.9)	0.5 (0.4-0.7)	0.4 (0.3-0.6)	-9.3 (-17.1--0.8)	0 (0-0)	0 (0-0)	25.4 (-5.5-62.4)	2.9 (2-4)	3 (2-4.2)	3.9 (-8.3-18.2)	0 (0-0)	2.2 (1.5-3)	0 (0-0)	2.5 (1.7-3.6)	97	91	9	8

Location	Birth Incidence rate (per 100,000 live births), 2000	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	All age rate (per 100,000 population), 2000	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	All age total SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Walsall	12.3 (9-17.2)	12.5 (9.4-17.2)	2 (-7.1-15.3)	1.8 (1.4-2.5)	1.8 (1.3-2.4)	-1.6 (-9.9-14.5)	0 (0-0)	0 (0-0)	-12.9 (-24.9-0)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	-2.4 (-13.6-11.5)	0 (0-0)	0 (0-0)	15 (-6.5-34.9)	1 (0.6-1.6)	1 (0.6-1.6)	1.1 (-15-19.1)	0 (0-0)	0.7 (0.4-1)	0 (0-0)	0.6 (0.4-1)	81	74	20	25
Warwickshire	11 (7.4-15.6)	11.2 (8-15.5)	2.3 (-7.1-16.9)	1.6 (1.2-2.1)	1.5 (1.2-2.1)	-6.8 (-16-9.5)	0 (0-0)	0 (0-0)	25 (6-48)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-8 (-17.2-6.9)	0 (0-0)	0 (0-0)	55.8 (20.2-101)	0.8 (0.4-1.2)	0.8 (0.5-1.2)	1.4 (-11.9-21.3)	0 (0-0)	0.8 (0.4-1.3)	0 (0-0)	0.7 (0.4-1)	93	82	18	23
Wolverhampton	19.3 (14.5-25)	19.7 (14.8-25.2)	1.7 (-5.9-8.6)	3.5 (2.6-4.5)	3.5 (2.7-4.5)	-0.1 (-6.3-7.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-16.2 (-24.1--4.8)	0.2 (0.2-0.3)	0.3 (0.2-0.3)	0.7 (-7.4-9.6)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-23.3 (-37.9--8.1)	1.4 (1-2)	1.4 (1-2)	1.4 (-9.8-14.2)	0.1 (0-0.1)	0.8 (0.6-1.1)	0.1 (0-0.1)	1 (0.7-1.5)	63	58	16	17
Worcestershire	11 (7.8-15.4)	11.2 (7.9-15.2)	1.7 (-8-19.7)	1.6 (1.2-2.1)	1.5 (1.1-2)	-9.3 (-17.8-5.8)	0 (0-0)	0 (0-0)	38.8 (20.6-61.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-10.7 (-20.6-4.8)	0 (0-0)	0 (0-0)	27.7 (1.6-64.1)	0.8 (0.5-1.3)	0.8 (0.5-1.3)	0.4 (-14.8-23.4)	0 (0-0)	0.7 (0.5-1.2)	0 (0-0)	0.7 (0.5-1.2)	96	84	20	22
Yorkshire and the Humber	16 (12.1-21.3)	16.6 (12.4-21.9)	3.9 (-0.3-8.2)	2.7 (2.1-3.5)	2.6 (2-3.4)	-2.8 (-6-1.5)	0 (0-0)	0 (0-0)	10.5 (1.6-18.3)	0.2 (0.2-0.3)	0.2 (0.1-0.3)	-4 (-7.6--0.3)	0 (0-0)	0 (0-0)	-1.9 (-12.6-9.6)	1.2 (0.8-1.7)	1.2 (0.8-1.7)	3.6 (-1.5-8.7)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	1.1 (0.8-1.6)	90	77	17	17
Bamsley	11.8 (8.1-16.6)	12 (8.6-16.3)	1.2 (-8.1-14.1)	1.7 (1.3-2.3)	1.6 (1.2-2.2)	-6.9 (-13.7-2.7)	0 (0-0)	0 (0-0)	37 (15.7-60.1)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	-8.6 (-17.9-2.3)	0 (0-0)	0 (0-0)	18 (-11.3-52.7)	0.9 (0.6-1.4)	0.9 (0.6-1.4)	-0.6 (-15.3-14.9)	0 (0-0)	0.7 (0.5-1.1)	0 (0-0)	0.9 (0.5-1.3)	102	95	20	20
Bradford	20.1 (15-26.9)	20.5 (15.4-27.5)	2.3 (-7-13.8)	3.7 (2.8-4.7)	3.7 (2.8-4.8)	-0.5 (-9.9-10.4)	0 (0-0)	0 (0-0)	21 (4.1-39.7)	0.3 (0.2-0.4)	0.3 (0.2-0.4)	-2.2 (-10.8-7.1)	0 (0-0)	0 (0-0)	-4.8 (-26.9-26.5)	1.6 (1.1-2.2)	1.6 (1.1-2.3)	2.2 (-9.8-16.2)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	1 (0.7-1.5)	84	71	20	18
Calderdale	12.1 (8.6-16.6)	12.4 (8.9-17.5)	2 (-10-13.9)	1.8 (1.3-2.4)	1.6 (1.2-2.2)	-8.6 (-17.1-3.8)	0 (0-0)	0 (0-0)	21.3 (2.8-46.5)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	-10.7 (-21.5-0.5)	0 (0-0)	0 (0-0)	8.9 (-21.2-42.9)	1 (0.6-1.5)	1 (0.6-1.6)	0.6 (-14.8-17.3)	0 (0-0)	0.6 (0.4-1)	0 (0-0)	1 (0.6-1.5)	101	93	21	17
Doncaster	11.9 (8.7-16.5)	12.1 (9.1-17.1)	1.9 (-9.3-14.3)	1.7 (1.3-2.4)	1.6 (1.2-2.2)	-6.6 (-15.1-11.3)	0 (0-0)	0 (0-0)	34.7 (15.2-57.6)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	-8.4 (-18-4.4)	0 (0-0)	0 (0-0)	30.3 (-2-71.8)	1 (0.6-1.4)	1 (0.6-1.5)	1.8 (-12.1-19.1)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.8 (0.5-1.1)	103	98	20	21
East Riding of Yorkshire	11.2 (8.3-15.5)	11.3 (8.1-15.8)	1.6 (-12-14.1)	1.6 (1.2-2.2)	1.4 (1-1.9)	-13.4 (-21.4-1.8)	0 (0-0)	0 (0-0)	3.6 (-14.5-28.6)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-15.6 (-25.7--4.7)	0 (0-0)	0 (0-0)	1.8 (-24.2-34.6)	0.8 (0.5-1.3)	0.8 (0.5-1.3)	-0.2 (-16.3-15.5)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	1.1 (0.6-1.7)	107	102	19	18
Kingston upon Hull, City of	24.4 (16.7-33.7)	25.1 (17.3-35.2)	2.8 (-5.1-9.7)	4.6 (3-6.5)	4.5 (3-6.5)	-1.8 (-10-4.6)	0 (0-0)	0 (0-0)	6 (-14.1-23.2)	0.3 (0.2-0.5)	0.3 (0.2-0.5)	-0.2 (-6.9-6.5)	0 (0-0)	0 (0-0)	-7 (-30.5-18.4)	1.9 (1.2-2.7)	2 (1.3-2.9)	4.1 (-5.1-13)	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1.8 (1.1-2.6)	86	76	15	12
Kirklees	12.2 (8.4-16.7)	12.3 (8.9-16.7)	1.2 (-8.4-16.9)	1.8 (1.3-2.3)	1.6 (1.2-2.2)	-7.7 (-16.2-7.3)	0 (0-0)	0 (0-0)	5 (-10.1-22.9)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	-10 (-20.6-4.3)	0 (0-0)	0 (0-0)	16.2 (-6.1-46.5)	1 (0.6-1.6)	1 (0.6-1.5)	-0.7 (-16-17.7)	0 (0-0)	0.6 (0.4-1)	0 (0-0)	0.8 (0.5-1.1)	84	71	20	20
Leeds	25.6 (19.1-33.2)	26 (19.7-33.3)	1.9 (-4.6-9.3)	5.2 (3.8-6.8)	5.2 (3.8-6.8)	-0.2 (-7.9-8.7)	0 (0-0)	0 (0-0)	8.6 (-5.8-21.5)	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.8 (-4.9-8.6)	0 (0-0)	0 (0-0)	-15.5 (-31.9-3.4)	1.8 (1.2-2.4)	1.8 (1.3-2.4)	2.7 (-6.3-13)	0 (0-0)	1.3 (0.9-1.7)	0 (0-0)	1.7 (1.2-2.5)	78	69	13	11
North East Lincolnshire	12 (8.6-16.8)	12.3 (8.7-16.9)	2.1 (-9.9-18.5)	1.8 (1.3-2.4)	1.6 (1.2-2.2)	-8.5 (-17.2-6.5)	0 (0-0)	0 (0-0)	16.5 (-0.3-34)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	-11.3 (-21.5-2.8)	0 (0-0)	0 (0-0)	16.9 (-10-54.6)	1 (0.6-1.5)	1 (0.6-1.5)	0.8 (-15.1-19.3)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	1 (0.6-1.5)	100	95	19	19
North Lincolnshire	11.6 (8.4-16.1)	11.8 (8.3-16.5)	1.1 (-8.2-12.9)	1.7 (1.2-2.4)	1.6 (1.2-2.2)	-7.4 (-13.8-3)	0 (0-0)	0 (0-0)	-10.5 (-26-3.8)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-8.5 (-17.3-2.1)	0 (0-0)	0 (0-0)	-7.4 (-31.3-23.8)	0.9 (0.5-1.4)	0.9 (0.5-1.4)	-0.3 (-13.3-15.5)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1.2 (0.7-1.9)	105	97	21	16
North Yorkshire	10.7 (7.4-15)	10.9 (8-15.4)	1.9 (-12.6-20.6)	1.6 (1.1-2.1)	1.4 (1-1.9)	-10.2 (-18.7-10.1)	0 (0-0)	0 (0-0)	7.9 (-10.4-29)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-11.9 (-22.9-1.8)	0 (0-0)	0 (0-0)	-4.8 (-26.5-34)	0.8 (0.5-1.2)	0.8 (0.5-1.2)	-0.1 (-17.2-18.8)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	1.1 (0.7-1.8)	94	85	18	15
Rotherham	11.7 (8.6-16.1)	11.9 (8.3-16.4)	1.1 (-9.4-14.3)	1.8 (1.3-2.4)	1.6 (1.2-2.2)	-7.3 (-15.9-8.6)	0 (0-0)	0 (0-0)	15.5 (-3-36.4)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	-9.4 (-18.8-2.6)	0 (0-0)	0 (0-0)	-24.1 (-41.9-0.7)	0.9 (0.5-1.4)	0.9 (0.6-1.4)	-1 (-16-16.6)	0 (0-0)	0.7 (0.4-1)	0 (0-0)	1 (0.6-1.4)	88	80	21	18
Sheffield	18.2 (13.2-24.9)	18.5 (13.7-25.1)	1.4 (-6.8-10.1)	3.5 (2.5-4.7)	3.6 (2.6-4.9)	2.1 (-6.6-13.1)	0 (0-0)	0 (0-0)	-2.3 (-14.2-11.8)	0.2 (0.2-0.3)	0.2 (0.2-0.3)	0.7 (-7.6-9.6)	0 (0-0)	0 (0-0)	-18.4 (-34.9-3.2)	1.2 (0.8-1.8)	1.2 (0.8-1.8)	0.6 (-11.7-13.8)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	1.4 (0.9-2)	77	69	17	16
Wakefield	11.7 (8.4-15.9)	11.8 (8.6-16.6)	1 (-10.4-15)	1.7 (1.3-2.3)	1.6 (1.2-2.2)	-7.1 (-15-10.9)	0 (0-0)	0 (0-0)	22.1 (6.5-39.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-8.2 (-19.4-3.2)	0 (0-0)	0 (0-0)	26.2 (-5-56.7)	0.9 (0.5-1.4)	0.9 (0.5-1.4)	-0.6 (-15.6-17.2)	0 (0-0)	0.7 (0.4-1)	0 (0-0)	0.8 (0.5-1.3)	90	79	19	22
York	11.2 (8.1-15.5)	11.2 (8.2-15.7)	-0.1 (-11.8-10.4)	1.6 (1.2-2.1)	1.5 (1.1-2.1)	-3.8 (-13.8-10.2)	0 (0-0)	0 (0-0)	24.4 (6.7-49.2)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-6.9 (-18-3.7)	0 (0-0)	0 (0-0)	-22.8 (-42.4-4.1)	0.9 (0.5-1.3)	0.9 (0.5-1.4)	-2.2 (-16.8-13.6)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1.3 (0.8-2.1)	105	97	22	15
Northern Ireland	18.7 (14.4-23.6)	18.9 (14.7-24.5)	1.1 (-8-8.1)	4.4 (3.5-5.3)	4 (3.2-4.7)	-10.6 (-17.4--5.5)	0 (0-0)	0 (0-0)	-8.8 (-17.6-2)	0.3 (0.2-0.3)	0.2 (0.2-0.3)	-11.3 (-17.8--4)	0 (0-0)	0 (0-0)	-47.7 (-59.1--31.7)	1.2 (0.9-1.7)	1.2 (0.9-1.7)	1.1 (-8.6-13.2)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1.9 (1.3-2.6)	71	63	14	10
Scotland	19 (14.6-24)	19 (14.6-24.2)	-0.2 (-8.2-7.6)	4 (3.3-4.8)	3.5 (2.8-4.2)	-11.2 (-17--4.5)	0 (0-0)	0 (0-0)	5.8 (-8-17)	0.2 (0.2-0.3)	0.2 (0.2-0.3)	-12.1 (-18.5--5.5)	0 (0-0)	0 (0-0)	-31.1 (-50.2--10.5)	1.2 (0.9-1.6)	1.2 (0.9-1.6)	0.1 (-10.4-10.9)	0 (0-0)	1 (0.7-1.4)	0 (0-0)	1.7 (1.2-2.4)	70	64	15	12
Wales	19.2 (14.8-23.8)	19.1 (15-23.5)	-0.2 (-9.7-8.5)	4.2 (3.4-5)	3.8 (3.1-4.6)	-8.7 (-14.5--3.3)	0 (0-0)	0 (0-0)	-2.3 (-10.3-7.5)	0.2 (0.2-0.3)	0.2 (0.2-0.3)	-9.8 (-18.2--1)	0 (0-0)	0 (0-0)	-32.3 (-44--18.8)	1.2 (0.9-1.7)	1.2 (0.9-1.7)	-0.2 (-12.4-12.2)	0 (0-0)	1.1 (0.8-1.4)	0 (0-0)	1.5 (1.1-2.1)	71	64	13	10
Latin America and Caribbean	38.7 (33.6-43.5)	45.3 (39.6-51.7)	17.1 (13.3-22.6)	11.1 (9.6-12.6)	9.5 (8.1-10.9)	-14.8 (-17--12.6)	0.2 (0.2-0.3)	0.2 (0.2-0.3)	-1.3 (-11.1-12.6)	0.7 (0.6-0.9)	0.7 (0.6-0.8)	-8 (-11.2--4.4)	0.5 (0.4-0.7)	0.4 (0.2-0.6)	-18 (-41.1-7.4)	2.1 (1.7-2.5)	2.6 (2.1-3.3)	25.7 (18.2-34.8)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.2)	0.7 (0.5-0.9)	67	59	35	21
Andean Latin America	10.6 (8.4-13)	10.9 (8.5-13.5)	3 (-2.5-9.2)	4.5 (3.7-5.5)	3.9 (3.2-4.7)	-13.2 (-17.4-9.5)	0 (0-0.1)	0 (0-0)	-45.3 (-63.6--13.7)	0.2 (0.2-0.3)	0.2 (0.1-0.2)	-12.7 (-18.7--6.8)	0 (0-0)	0 (0-0)	-64 (-82.8--30.9)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	4.6 (-3.4-14.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	124	128	97	74
Bolivia (Plurinational State of)	11.6 (8.5-14.9)	11.5 (8.5-15.5)	-0.5 (-10.3-10.6)	5.1 (3.9-6.6)	4.5 (3.4-5.7)	-12.7 (-19.7--5.3)	0.1 (0.1-0.1)	0 (0-0.1)	-50.7 (-67.3--13.8)	0.2 (0.2-0.3)	0.2 (0.1-0.3)	-16.2 (-25.8--6.7)	0 (0-0.1)	0 (0-0)	-72.7 (-89--43.2)	0.2 (0.1-0.3)	0.2 (0.1-0.3)	-0.2 (-13.7-16.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	124	123	99	77
Ecuador	10.3 (9.3-11.1)	11.4 (10.3-12.6)	10.7 (3.6-17.5)	4.5 (4.1-4.9)	4 (3.6-4.4)	-11.1 (-17.6--6)	0 (0-0)	0 (0-0)	258 (182-354)	0.2 (0.2-0.2)	0.2 (0.2-0.2)	-3.1 (-10-6)	0 (0-0)	0 (0-0)	141 (35-296)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	12.6 (-0.1-27)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	129	114	93	67
Peru	10.3 (7.6-13.7)	10.3 (7.6-13.7)	-0.1 (-10.7-7.7)	4.3 (3.4-5.6)	3.6 (2.8-4.7)	-16.1 (-23.5--10.4)	0.1 (0-0.1)	0 (0-0)	-60.3 (-77.2--33.2)	0.2 (0.1-0.3)	0.2 (0.1-0.2)	-17.4 (-26--8.6)	0 (0-0)	0 (0-0)	-79.3 (-93.1--57.8)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	1.2 (-11.3-16.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	122	129	95	74
Caribbean	339 (292-385)	396 (340-457)	17.1 (11.6-24.2)	74.2 (63-85.6)	65.9 (55-77.5)	-11.1 (-14.6--8)	1.4 (1.1-1.8)	1.2 (0.9-1.6)	-11.7 (-27.8-10.2)	6.1 (5.2-7.1)	6.1 (5.2-7)	-1.1 (-5.4-4)	3.6 (1.8-5.6)	3.1 (1.3-5.2)	-14.5 (-45-28.8)	22.5 (18-27.1)	28.3 (22-35)	25.4 (17.3-35.6)	0.3 (0.2-0.5)	2.1 (1.7-2.6)	0.4 (0.2-0.6)	3.2 (2.3-4)	33	31	12	9

Location	Birth incidence rate (per 100,000 live births), 2000	Birth incidence rate (per 100,000 live births), 2021	Birth incidence rate (per 100,000 live births) percent change (2000-2021)	All age rate (per 100,000 population), 2000	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	All age total SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Antigua and Barbuda	161 (120-209)	181 (135-244)	12.8 (0.1-26.7)	48.3 (37.1-61.7)	34.8 (26-44)	-28.1 (-35.2--21.7)	2 (1.8-2.1)	2 (1.8-2.1)	2.4 (-9.1-13.1)	2.7 (2-3.7)	2.4 (1.8-3.2)	-12.1 (-22--0.7)	2.1 (1.6-2.7)	1.5 (1.1-2)	-28.3 (-51.3-4.2)	5.8 (3.8-8.3)	8.4 (5.1-12.6)	46.2 (18-78.4)	0.8 (0.7-0.8)	2.1 (1.3-3.1)	1 (0.9-1.1)	5.7 (3.1-8.4)	18	16	11	5
Bahamas	298 (223-398)	347 (268-449)	16.3 (2-33.2)	85.9 (63.3-109)	65.1 (49.8-79.9)	-24.2 (-33.3--14.8)	1.8 (1.6-2)	1.8 (1.4-2.2)	-2.5 (-23.8-26)	5.4 (3.9-7.5)	5 (3.7-6.6)	-8 (-20.5-5.6)	1 (0.8-1.2)	0.9 (0.6-1.4)	-7.7 (-35.9-52)	6.5 (4.6-8.8)	12 (8-17.2)	83.7 (55-123)	0.4 (0.4-0.5)	3 (2-3.9)	0.5 (0.4-0.5)	6.3 (3.6-8.9)	24	28	8	8
Barbados	172 (126-222)	196 (139-254)	13.7 (2-26)	41.5 (31.7-51.6)	30.8 (22.8-38.6)	-25.9 (-32.9--18.8)	1.2 (1.1-1.3)	0.7 (0.6-1)	-38.1 (-51.9--19.2)	2.5 (1.8-3.3)	2.2 (1.6-3)	-9.4 (-20.6-1.9)	0.9 (0.7-1.1)	0.5 (0.3-0.6)	-51.1 (-66--30.8)	6.4 (4.1-9.2)	9.3 (5.7-14.3)	44.2 (16.8-75.5)	0.3 (0.3-0.3)	2.1 (1.3-2.9)	0.2 (0.2-0.2)	4.4 (2.4-6.5)	32	38	10	7
Belize	262 (200-329)	301 (224-378)	14.9 (1.9-30.5)	79 (60.9-99.4)	61.8 (46.6-79.5)	-21.8 (-30.4--13.5)	0.6 (0.6-0.7)	0.5 (0.5-0.6)	-16.2 (-25.8--2.6)	6.2 (4.5-8)	5.7 (4.2-7.3)	-7.8 (-17.6-4.2)	1.1 (0.9-1.2)	0.5 (0.4-0.7)	-48.6 (-60.1--33.3)	17.9 (11.5-26.5)	23.6 (15.2-35.7)	32.3 (7.9-61.7)	0.2 (0.1-0.2)	2.8 (1.7-4)	0.2 (0.2-0.2)	8.1 (5-12.1)	47	43	8	4
Bermuda	121 (86-168)	135 (95.8-186)	11.6 (-3.3-30.2)	31.1 (23.6-38.5)	21.8 (16.5-27.9)	-30 (-35.7--21.6)	1.1 (1-1.2)	1.1 (1-1.3)	3.6 (-10.4-28.9)	1.5 (1.1-2.1)	1.3 (0.9-1.8)	-10.6 (-21.1-2)	0.7 (0.5-1)	0.6 (0.4-0.8)	-23.7 (-50-20.8)	2.2 (1.5-3)	3.3 (2-5)	48.6 (18.4-82.1)	0.6 (0.5-0.7)	2 (1.3-2.8)	0.8 (0.7-1.1)	5 (3-7.5)	24	21	12	5
Cuba	62.3 (52.1-73.2)	99.7 (80.1-123)	59.9 (41.7-82.2)	13.3 (11-16.3)	12.3 (9.9-15.3)	-7.8 (-16.6-4.3)	0.4 (0.4-0.4)	0.4 (0.3-0.4)	0.7 (-16.6-13.8)	0.9 (0.7-1.1)	1 (0.8-1.2)	16.1 (2.4-31.7)	0.3 (0.3-0.4)	0.2 (0.2-0.3)	-34.4 (-53--13.3)	3.6 (2.7-4.6)	6.3 (4.3-8.8)	75.6 (48.1-114)	0.2 (0.2-0.2)	2.1 (1.6-2.7)	0.2 (0.2-0.3)	6.8 (4.3-9.8)	42	40	10	5
Dominica	180 (136-234)	202 (153-264)	12 (-0.3-24)	49.7 (38.3-63.3)	36.2 (27.1-46)	-27.2 (-32.8--19.4)	1 (0.8-1.3)	1 (0.8-1.3)	-3.9 (-28.5-25.9)	3.3 (2.4-4.3)	2.8 (2.1-3.7)	-14.9 (-25.4-4.3)	1.4 (0.9-2)	1.8 (1.2-2.8)	28.8 (-25.4-111)	8 (5.2-11.1)	10.7 (6.9-15.9)	35.2 (10.2-62.3)	0.4 (0.3-0.6)	2.4 (1.5-3.3)	0.4 (0.3-0.6)	2.6 (1.4-3.8)	28	27	10	8
Dominican Republic	368 (302-429)	403 (335-480)	9.4 (-1-18.8)	92.3 (72.6-110)	77.2 (61.1-93.7)	-16.4 (-24.5--9.4)	1.1 (0.9-1.4)	0.7 (0.5-0.9)	-40.5 (-55.1--25.1)	8.2 (6.6-9.9)	7.3 (5.9-8.7)	-11.3 (-18.7--2.2)	2.9 (2.2-3.8)	1.2 (0.7-1.9)	-59.2 (-73.7--36.4)	26.3 (19.4-34.2)	30.6 (23.1-39.3)	16.5 (3.2-35.1)	0.4 (0.3-0.4)	3.3 (2.2-4.3)	0.2 (0.1-0.3)	6.2 (4.5-8.1)	30	29	7	5
Grenada	201 (154-251)	227 (170-299)	13.2 (-0.3-25.7)	55.3 (42.7-70)	41.4 (31.6-53.7)	-25.2 (-32.7--17.1)	2.5 (2.3-2.7)	2.9 (2.6-3.3)	18.1 (2.1-34)	3.8 (2.8-5)	3.3 (2.4-4.3)	-13.5 (-24.2--2.1)	2.6 (2.1-3.3)	1.9 (1.4-2.4)	-28.5 (-45.5--6.2)	10.3 (6.7-14.7)	13.9 (8.8-20.9)	35.4 (13.9-63.3)	0.6 (0.6-0.7)	2.4 (1.4-3.2)	0.7 (0.6-0.8)	5.1 (3-7.3)	19	19	7	7
Guyana	211 (157-271)	233 (174-300)	10.6 (-2.1-24.3)	66.7 (51.3-86.9)	52.2 (39.3-67.2)	-21.6 (-30.2--12.3)	2.2 (1.9-2.5)	1.8 (1.4-2.3)	-16.3 (-35.9-13.3)	4.4 (3.3-5.7)	4 (3-5.3)	-8.5 (-18.2-2.8)	2.4 (1.9-3)	1.6 (1.2-2.1)	-35.3 (-57.1--7.6)	9.9 (6.6-14.3)	12.8 (8-18.5)	29.9 (7.3-55.9)	0.3 (0.2-0.3)	1.2 (0.7-1.6)	0.3 (0.3-0.4)	2.9 (1.7-4.1)	26	27	12	8
Haiti	493 (427-558)	505 (428-567)	2.3 (-4.9-12.6)	140 (118-163)	117 (96.3-136)	-16.5 (-22.3--7.9)	3.5 (2-5.2)	2.7 (1.7-4)	-23.6 (-43.2-10.6)	12.6 (10.7-14.4)	11.1 (9.5-12.6)	-11.6 (-17.5--4.2)	8.3 (2.5-14.5)	6.4 (2-11.4)	-23.3 (-51.2-45)	35.6 (27.9-42.9)	36.9 (29.6-45.2)	3.6 (-5.9-16.1)	0.3 (0.1-0.6)	1.5 (1.1-1.8)	0.4 (0.1-0.7)	2.2 (1.6-2.8)	33	30	14	11
Jamaica	596 (566-627)	573 (498-654)	-3.9 (-15.1-10.6)	152 (137-167)	91.6 (78.5-109)	-39.7 (-46.6--32)	1.7 (1.6-1.8)	1.4 (1.1-1.8)	-15.6 (-34-5.7)	11.4 (10.5-12.3)	8.1 (7-9.3)	-28.7 (-37.4--20)	1.9 (1.5-2.4)	0.9 (0.6-1.2)	-53.9 (-65.8--33.3)	43.8 (37.9-49.2)	46.3 (35.6-58.2)	5.8 (-13.5-26.9)	0.4 (0.4-0.5)	10.2 (7.7-13.1)	0.3 (0.3-0.4)	17.1 (11.7-23.7)	20	25	3	2
Puerto Rico	132 (96.8-176)	147 (105-197)	11.1 (-1.4-23.9)	38.3 (28.5-48.3)	24.1 (18-31)	-37.1 (-44.3--31.1)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	-0.5 (-19.8-18.2)	2 (1.4-2.8)	1.6 (1.1-2.2)	-20.3 (-29.4--9)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-41.5 (-60.3--17.7)	2.5 (1.7-3.5)	3.6 (2.4-5.3)	45.6 (20.2-70)	0.1 (0-0.1)	1.1 (0.8-1.6)	0.1 (0.1-0.1)	4.1 (2.5-5.7)	65	56	13	6
Saint Kitts and Nevis	178 (132-226)	198 (152-257)	11.5 (-3.9-24.6)	50.9 (39.7-64.8)	35.4 (27.6-45.6)	-30.5 (-38.1--23.1)	1.6 (1.4-1.8)	1.4 (1.2-1.7)	-13.4 (-29.3-4.3)	3.3 (2.4-4.3)	2.6 (1.9-3.4)	-20.6 (-29.6--10.7)	1.8 (1.5-2.1)	1 (0.7-1.4)	-43.1 (-60.6--16.3)	7.3 (4.9-10.7)	9.8 (6.3-15)	35.4 (14.1-64.2)	0.4 (0.4-0.5)	1.7 (1.1-2.4)	0.5 (0.4-0.5)	4.5 (2.5-6.6)	23	26	11	6
Saint Lucia	204 (154-262)	231 (167-297)	13.1 (1-26.1)	60.4 (47.8-77.4)	36.6 (28.2-46.4)	-39.4 (-45.6--33.7)	2 (1.9-2.2)	1.9 (1.6-2.3)	-6.1 (-21.5-12.7)	4 (2.9-5.3)	2.8 (2-3.6)	-29.3 (-36.6--19.5)	1.8 (1.4-2.4)	1.1 (0.7-1.6)	-38.3 (-57.5--4.6)	9.6 (6.2-14.1)	13.4 (8.7-19.7)	39.9 (17.3-69.1)	0.5 (0.5-0.6)	2.9 (1.7-4.4)	0.4 (0.3-0.4)	4.8 (2.7-7.5)	18	24	8	6
Saint Vincent and the Grenadines	203 (157-264)	227 (173-296)	11.9 (0.1-26.5)	59.2 (46.4-77.5)	42 (32.3-54.1)	-29.1 (-36--21.8)	2 (1.8-2.1)	1.9 (1.7-2.2)	-0.8 (-13.2-16.8)	4 (2.9-5.4)	3.2 (2.4-4.2)	-18.8 (-27.4--8.4)	1.8 (1.4-2.3)	1.1 (0.8-1.5)	-42.2 (-60--17)	9.5 (6.4-13.8)	12.7 (7.9-19.4)	33.9 (13.1-59.9)	0.4 (0.4-0.4)	2 (1.4-2.9)	0.4 (0.4-0.5)	5.4 (3.1-8.1)	24	26	11	6
Suriname	212 (160-265)	237 (184-302)	11.9 (0.7-23.4)	56.9 (43.6-72.2)	47.3 (36.4-61.3)	-16.9 (-24.4--8.9)	0.8 (0.5-0.9)	0.6 (0.4-0.8)	-20.9 (-38.1--0.5)	4.1 (3.1-5.3)	3.8 (2.9-5)	-6.9 (-16.4-3.9)	1.5 (1-1.9)	1.2 (0.8-1.7)	-23.9 (-51.2-28.5)	11.5 (7.6-16.3)	14.6 (9.6-21.1)	26.5 (6.5-47.1)	0.2 (0.1-0.2)	1.4 (0.9-2)	0.2 (0.1-0.3)	2.7 (1.7-3.9)	38	39	13	9
Trinidad and Tobago	196 (150-251)	220 (163-282)	12 (-6.2-28)	50.3 (38.4-63.9)	38 (29.3-48.7)	-24.5 (-32.7--14.9)	1.3 (1.2-1.4)	1 (0.8-1.3)	-19.5 (-37.4-0.6)	3.5 (2.5-4.6)	2.8 (2.1-3.7)	-19 (-30.4--8.7)	1.5 (1.3-1.8)	0.7 (0.5-0.9)	-52.5 (-66.3--31.9)	8.7 (5.8-12.4)	11.7 (7.5-17.3)	34.5 (12.2-59.4)	0.3 (0.2-0.3)	1.7 (1.1-2.4)	0.3 (0.2-0.3)	4.6 (2.6-6.5)	31	32	12	7
United States Virgin Islands	156 (114-202)	172 (126-233)	10.1 (-0.2-22.4)	44.5 (34.1-56.1)	32.7 (24.3-42.9)	-26.4 (-33.6--18.3)	0.4 (0.3-0.5)	0.3 (0.2-0.5)	-27.1 (-47.3-8)	2.5 (1.8-3.4)	2.1 (1.6-2.9)	-15 (-24.8--4.5)	0.4 (0.2-0.5)	0.1 (0.1-0.2)	-71.3 (-85.4--43.5)	3.8 (2.6-5.3)	5.2 (3.3-7.4)	37.1 (14.7-62.4)	0.1 (0.1-0.2)	1.6 (1-2.1)	0.2 (0.1-0.2)	7.7 (4.3-11)	46	53	14	4
Central Latin America	5.7 (4.7-6.8)	4.2 (3.4-5)	-26.9 (-31.7--21.3)	1.9 (1.5-2.2)	0.8 (0.6-1)	-58 (-62.1--53.7)	0.1 (0-0.1)	0.1 (0-0.1)	1.8 (-13-17.9)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-41.3 (-45.6--36.6)	0.1 (0.1-0.1)	0.1 (0-0.1)	-17.8 (-37.5-12.7)	0.4 (0.3-0.5)	0.4 (0.3-0.5)	-2.8 (-11.2-8.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	102	95	71	52
Colombia	5.8 (4.3-7.3)	6 (4.6-8)	3.9 (-9.1-19.4)	0.5 (0.4-0.6)	0.4 (0.3-0.5)	-28.5 (-33.8--19.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-2.7 (-18-19)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-28.1 (-34.8--18.2)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-33.1 (-59-9.2)	1 (0.7-1.3)	1 (0.7-1.4)	5.6 (-6.3-21.8)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0.1)	0.5 (0.3-0.8)	87	75	38	27
Costa Rica	0.2 (0.1-0.2)	0.2 (0.1-0.2)	3.4 (-4.1-26.6)	0 (0-0.1)	0 (0-0.1)	-21 (-28.9--8.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	22.8 (5.3-38.2)	0 (0-0)	0 (0-0)	-21.2 (-27.9-3)	0.1 (0.1-0.1)	0 (0-0.1)	-42.5 (-55.8--25.4)	0 (0-0)	0 (0-0)	6.4 (-4.5-59.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	77	75	105	90
El Salvador	0.6 (0.4-0.9)	0.7 (0.4-0.9)	6.7 (-1.8-42.5)	0.1 (0-0.1)	0 (0-0.1)	-22.4 (-33.8--1.9)	0 (0-0)	0 (0-0)	-67 (-81.6--35.7)	0 (0-0)	0 (0-0)	-24.4 (-34.6-12.1)	0 (0-0)	0 (0-0)	-69.6 (-87.2--21.2)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	8.3 (-8-66.3)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	121	121	84	67
Guatemala	0.7 (0.4-0.9)	0.7 (0.5-1.1)	8.4 (-4.5-66.2)	0.1 (0-0.1)	0 (0-0.1)	-29.5 (-42.6--4.5)	0 (0-0)	0 (0-0)	-16.4 (-31.5--0.1)	0 (0-0)	0 (0-0)	-34.9 (-43.8--4.6)	0 (0-0)	0 (0-0)	-31.6 (-58.4--1.9)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	5.4 (-9.6-59.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	123	88	75
Honduras	0.2 (0.1-0.3)	0.2 (0.1-0.3)	7.2 (-12.4-104)	0 (0-0)	0 (0-0)	-17.2 (-31-36.6)	0 (0-0)	0 (0-0)	-69.5 (-85.8--23.8)	0 (0-0)	0 (0-0)	-17.9 (-39.2-53.9)	0 (0-0)	0 (0-0)	-70 (-92.9--15.4)	0 (0-0)	0 (0-0.1)	8.8 (-20.8-118)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	126	116	95
Mexico	2.6 (2-3.5)	2.6 (1.9-3.6)	1 (-3.4-6.3)	1.1 (0.8-1.5)	0.8 (0.6-1.2)	-21.8 (-24.9--18.5)	0 (0-0)	0 (0-0)	13.2 (2.1-25.1)	0 (0-0.1)	0 (0-0.1)	-16.3 (-20.2--11.3)	0 (0-0)	0 (0-0)	-35.3 (-49.7--14.4)	0 (0-0.1)	0 (0-0.1)	9.5 (-1.6-32.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	112	103	109	91
Aguaascalientes	0.3 (0.1-0.7)	0.3 (0.1-0.7)	18.3 (-3.7-239)	0.1 (0-0.3)	0.1 (0-0.2)	-10.9 (-29.3-305)	0 (0-0)	0 (0-0)	25.4 (1.5-50)	0 (0-0)	0 (0-0)	-6.5 (-27.9-126)	0 (0-0)	0 (0-0)	-21.7 (-46.8-15.2)	0 (0-0)	0 (0-0)	27.8 (-1.9-253)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	120	113	116	102
Baja California	2.5 (1.3-4)	2.7 (1.5-4.3)	8.8 (-1.4-34.7)	1 (0.6-1.6)	0.8 (0.5-1.3)	-18 (-25.8-2)	0 (0-0)	0 (0-0)	33 (10.4-55.6)	0 (0-0.1)	0 (0-0.1)	-8.6 (-16-9.3)	0 (0-0)	0 (0-0)	-32.8 (-52.4--7)	0 (0-0)	0 (0-0.1)	18 (-0.4-75.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	110	104	105	93
Baja California Sur	4.5 (2.6-7.1)	4.8 (2.8-7.4)	6.2 (-6.4-18.3)	2 (1.2-3)	1.6 (1-2.5)	-17.4 (-24.8--7.9)	0 (0-0)	0 (0-0)	8.3 (-7.2-26.7)	0.1 (0-0.1)	0.1 (0-0.1)	-8.4 (-18.5-2)	0 (0-0.1)	0 (0-0)	-34 (-56.2--5.3)	0 (0-0.1)	0 (0-0.1)	12.7 (-4.3-49.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	97	94	97	85

Location	Birth incidence rate (per 100,000 live births), 2000	Birth incidence rate (per 100,000 live births), 2021	Birth incidence rate (per 100,000 live births) percent change (2000-2021)	All age rate (per 100,000 population), 2000	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	All age total SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Campeche	5.4 (3.6-7.6)	5.8 (3.8-8)	5.6 (-2.5-19.1)	2.3 (1.6-3.2)	1.9 (1.2-2.6)	-18.9 (-26.1--10.8)	0 (0-0)	0 (0-0)	21.2 (-1.4-52.5)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-15.5 (-25.3--4.3)	0 (0-0.1)	0 (0-0)	-34.4 (-55.9--5.3)	0.1 (0-0.1)	0.1 (0-0.1)	11.6 (-6.1-48.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	103	94	100	84
Chiapas	3.3 (2.3-4.6)	3.1 (2.1-4.4)	-6.7 (-17.1-4.7)	1.5 (1-2)	1.1 (0.8-1.6)	-22.4 (-30.4--16.3)	0 (0-0)	0 (0-0)	-11.9 (-29.7-6.3)	0.1 (0-0.1)	0.1 (0-0.1)	-21.1 (-30.4--11.5)	0.1 (0.1-0.1)	0 (0-0.1)	-35 (-53.6--3.8)	0.1 (0-0.1)	0.1 (0-0.1)	3.7 (-14.9-52.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	109	100	112	95
Chihuahua	1.2 (0.5-2)	1.3 (0.7-2.5)	16.1 (-4.7-69.8)	0.5 (0.2-0.8)	0.4 (0.2-0.8)	-10.1 (-24.3-36)	0 (0-0)	0 (0-0)	42.4 (18.4-74.8)	0 (0-0)	0 (0-0)	-1.9 (-16.6-52)	0 (0-0)	0 (0-0)	-5.9 (-41.1-31)	0 (0-0)	0 (0-0.1)	24.8 (-2.7-144)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	115	111	116	107
Coahuila	1.6 (1-2.2)	1.7 (1.1-2.5)	11.2 (1.5-37.2)	0.7 (0.4-1)	0.6 (0.4-0.9)	-10.1 (-17.1-2.8)	0 (0-0)	0 (0-0)	18.9 (3.7-37.1)	0 (0-0)	0 (0-0)	-3.3 (-15.1-22.5)	0 (0-0)	0 (0-0)	-27 (-53-12.8)	0 (0-0.1)	0 (0-0.1)	24.5 (-1.8-128)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	108	106	91
Colima	1.9 (0.8-4)	2 (0.7-4.2)	1.7 (-31.7-19.9)	0.8 (0.3-1.6)	0.6 (0.2-1.3)	-22.9 (-51.8--11.8)	0 (0-0)	0 (0-0)	32.5 (7.6-60)	0 (0-0.1)	0 (0-0.1)	-18 (-42.9--3.8)	0.1 (0-0.1)	0 (0-0)	-49.1 (-65.5--23.8)	0 (0-0.1)	0 (0-0.1)	11.8 (-14-73.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	104	101	116	94
Durango	1.5 (0.7-2.7)	1.7 (0.7-3.2)	17.5 (-3.9-49.9)	0.7 (0.3-1.2)	0.6 (0.2-1.2)	-5.9 (-23.3-27)	0 (0-0)	0 (0-0)	-0.9 (-15.8-21.3)	0 (0-0.1)	0 (0-0.1)	0.5 (-15.2-27.5)	0 (0-0)	0 (0-0)	-39.7 (-62.4--15.1)	0 (0-0.1)	0 (0-0.1)	22.2 (-0.8-96.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	118	113	114	99
Guanajuato	1.2 (0.8-1.9)	1.3 (0.8-2)	5 (-30.4-57.6)	0.5 (0.3-0.8)	0.4 (0.2-0.6)	-24.5 (-50.5-9)	0 (0-0)	0 (0-0)	52 (23.4-88.5)	0 (0-0)	0 (0-0)	-15.5 (-40.5-22.8)	0 (0-0)	0 (0-0)	-29.1 (-49.6--5.9)	0 (0-0.1)	0 (0-0.1)	23.5 (-8.1-126)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	115	110	104	91
Guerrero	6.8 (5.4-8.6)	6.4 (5-8.1)	-5.2 (-13.9-2.4)	3 (2.4-3.7)	2.3 (1.8-2.9)	-25 (-31.7--19.4)	0 (0-0)	0 (0-0)	-15.7 (-37.2-8.6)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-21.4 (-28.8--13)	0.1 (0.1-0.2)	0.1 (0-0.1)	-38.3 (-65.1-13.5)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	1.4 (-15.5-34.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	105	95	108	89
Hidalgo	1.1 (0.6-2)	1.3 (0.7-2.3)	11.5 (-3.8-45.5)	0.5 (0.2-0.9)	0.4 (0.2-0.8)	-15 (-26.1-4)	0 (0-0)	0 (0-0)	9.5 (-9.5-31.8)	0 (0-0)	0 (0-0)	-8.9 (-23.1-17.6)	0 (0-0)	0 (0-0)	-41.4 (-59.3--15.7)	0 (0-0)	0 (0-0.1)	19.8 (-5-146)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	119	109	113	95
Jalisco	1.9 (1.2-2.9)	1.6 (0.8-2.6)	-14.5 (-42.9-2.8)	0.8 (0.5-1.2)	0.5 (0.3-0.8)	-36.4 (-55.9--23.7)	0 (0-0)	0 (0-0)	33 (11-62.9)	0 (0-0.1)	0 (0-0)	-27.5 (-47.4--15.6)	0 (0-0)	0 (0-0)	-24 (-47.1-3)	0 (0-0)	0 (0-0)	1.2 (-24.4-63.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	110	106	109	98
México	0.5 (0.2-1)	0.6 (0.2-1.2)	16.4 (-9.8-171)	0.2 (0.1-0.4)	0.2 (0.1-0.4)	-8.2 (-28.1-136)	0 (0-0)	0 (0-0)	6.5 (-8.3-23.7)	0 (0-0)	0 (0-0)	-2.5 (-19.7-126)	0 (0-0)	0 (0-0)	-59.3 (-72.3--39.5)	0 (0-0)	0 (0-0)	22.4 (-2.9-164)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	105	110	93
Mexico City	1.6 (1.1-2.1)	1.7 (1.3-2.2)	8.5 (-1.3-28.9)	0.6 (0.4-0.8)	0.5 (0.3-0.6)	-18.8 (-25.5--7.3)	0 (0-0)	0 (0-0)	52.6 (27-88.3)	0 (0-0)	0 (0-0)	-12.7 (-21.5-4.5)	0 (0-0)	0 (0-0)	1.4 (-32-49.8)	0 (0-0.1)	0 (0-0.1)	16.7 (-4.1-66.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	116	106	94	87
Michoacán de Ocampo	1.7 (1-2.9)	1.8 (1-3.1)	6.9 (-16.4-31)	0.7 (0.4-1.2)	0.6 (0.3-1)	-17.7 (-35.7-4.2)	0 (0-0)	0 (0-0)	26 (6.8-52.9)	0 (0-0.1)	0 (0-0.1)	-14.7 (-31.7-5.4)	0 (0-0)	0 (0-0)	-15.5 (-43.8-17.7)	0 (0-0.1)	0 (0-0.1)	16.8 (-7.4-91.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	117	112	114	99
Morelos	1.9 (0.8-3.9)	1.7 (0.7-3.7)	-10.4 (-38.9-6.6)	0.8 (0.3-1.6)	0.5 (0.2-1.2)	-32.8 (-58.2--14.8)	0 (0-0)	0 (0-0)	47.6 (14-87.8)	0 (0-0.1)	0 (0-0.1)	-25.5 (-49.6--12.5)	0 (0-0)	0 (0-0)	-40.9 (-57.9--15)	0 (0-0.1)	0 (0-0.1)	5.4 (-22.3-83.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	111	106	106	91
Nayarit	2.2 (1.1-3.8)	2.5 (1.2-4.5)	11.9 (-4.1-30.6)	1 (0.5-1.6)	0.9 (0.4-1.6)	-9.7 (-23.3-3)	0 (0-0)	0 (0-0)	11.6 (-7.5-35.3)	0 (0-0.1)	0 (0-0.1)	-4.4 (-17.1-14.5)	0 (0-0)	0 (0-0)	-39.6 (-59.2--8.2)	0 (0-0.1)	0 (0-0.1)	19 (-4.5-92.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	109	111	95
Nuevo León	3.3 (2.2-4.6)	2.7 (2-3.9)	-17.1 (-25.5--9)	1.4 (1-2)	1 (0.7-1.4)	-32.3 (-38.6--24.8)	0 (0-0)	0 (0-0)	40.3 (18.6-66.9)	0.1 (0-0.1)	0 (0-0.1)	-26.7 (-35.8--18.2)	0 (0-0)	0 (0-0)	-14.4 (-44.5-36.7)	0 (0-0.1)	0 (0-0.1)	-5.5 (-23.1-32.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	107	109	95
Oaxaca	5.9 (4.4-7.7)	6 (4.6-7.8)	2.2 (-4.9-11.4)	2.5 (2-3.2)	1.9 (1.5-2.4)	-22.8 (-28.6--17.5)	0 (0-0)	0 (0-0)	-11.5 (-26.8-8.4)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-18.5 (-25.3--10.7)	0.1 (0-0.1)	0 (0-0.1)	-40.1 (-60.7--4.9)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	8.4 (-7.9-43.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	105	98	100	85
Puebla	1 (0.5-1.8)	1.1 (0.6-2)	14.8 (-4.8-113)	0.4 (0.2-0.7)	0.3 (0.2-0.6)	-12.8 (-27.6-55.5)	0 (0-0)	0 (0-0)	-1.5 (-17.2-19.2)	0 (0-0)	0 (0-0)	-7.5 (-23.5-57.5)	0 (0-0)	0 (0-0)	-37.9 (-57.7--4.9)	0 (0-0.1)	0 (0-0.1)	20.2 (-4.3-137)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	116	109	117	98
Querétaro	0.3 (0.1-0.7)	0.3 (0.1-0.8)	18 (-3-150)	0.1 (0-0.3)	0.1 (0-0.2)	-14.2 (-31.5-184)	0 (0-0)	0 (0-0)	29 (6.6-55.1)	0 (0-0)	0 (0-0)	-9.9 (-29.5-121)	0 (0-0)	0 (0-0)	-11.2 (-36.6-34)	0 (0-0)	0 (0-0)	27 (-2.6-240)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	105	112	102
Quintana Roo	5 (3.1-7.6)	4.7 (2.9-7.3)	-5.8 (-15.3-6.2)	2.1 (1.4-3.2)	1.6 (1-2.3)	-27.8 (-34--19.1)	0 (0-0)	0 (0-0)	17.6 (-9.4-52.6)	0.1 (0.1-0.2)	0.1 (0-0.1)	-22.1 (-28.5--13.2)	0 (0-0.1)	0 (0-0)	-33.3 (-54-4.7)	0.1 (0-0.1)	0.1 (0-0.1)	3.6 (-12.2-47)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	106	99	100	90
San Luis Potosí	1.8 (0.8-3.1)	2 (0.9-3.6)	9.4 (-10.1-60.2)	0.7 (0.3-1.3)	0.6 (0.3-1.1)	-17.4 (-30.7-22.2)	0 (0-0)	0 (0-0)	18.7 (0.3-45.4)	0 (0-0.1)	0 (0-0.1)	-11.9 (-25.2-13.5)	0 (0-0)	0 (0-0)	-42.8 (-59.2--20.1)	0 (0-0.1)	0 (0-0.1)	17.8 (-2.8-107)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	113	104	111	93
Sinaloa	3 (2-4.3)	3.2 (2.1-4.6)	7.5 (-2.6-18.4)	1.3 (0.8-1.8)	1 (0.7-1.5)	-19.4 (-29--12.2)	0 (0-0)	0 (0-0)	17.6 (0.6-38.7)	0.1 (0-0.1)	0 (0-0.1)	-13.6 (-22.9--1.9)	0 (0-0)	0 (0-0)	-36.4 (-55.5--9.5)	0 (0-0.1)	0 (0-0.1)	12.9 (-6.4-56.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	119	113	109	91
Sonora	2.3 (1.4-3.6)	1.9 (1.2-3.1)	-16 (-34.3--1.1)	0.9 (0.6-1.4)	0.6 (0.4-1)	-35.4 (-45.2--25.4)	0 (0-0)	0 (0-0)	44 (22.5-75)	0 (0-0.1)	0 (0-0.1)	-29.5 (-47.5--15.5)	0 (0-0)	0 (0-0)	-41.6 (-59--20.6)	0 (0-0.1)	0 (0-0.1)	-1.2 (-24-54.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	115	111	109	94
Tabasco	12.8 (10.7-15.8)	13.5 (11.2-16.5)	5.3 (-2.6-15.4)	5.4 (4.6-6.4)	4.3 (3.6-5.1)	-20.1 (-25.8--14.1)	0 (0-0)	0 (0-0.1)	36.4 (15.5-57.5)	0.3 (0.2-0.3)	0.2 (0.2-0.3)	-15.3 (-23.9--5.7)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-30.3 (-48.4--3.9)	0.2 (0.1-0.3)	0.2 (0.1-0.3)	12.2 (-4.8-37.5)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	91	90	86	66
Tamaulipas	6.4 (5-8.2)	6.7 (5.1-8.6)	4.2 (-4.4-15.3)	2.7 (2.1-3.4)	2.2 (1.7-2.8)	-18.1 (-24.1--10.3)	0 (0-0)	0 (0-0)	27.7 (8-52.3)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-9.9 (-19.5--0.3)	0 (0-0)	0 (0-0)	-11.3 (-38.4-19.6)	0.1 (0-0.1)	0.1 (0.1-0.1)	9.2 (-9.2-40.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	111	101	90	84
Tlaxcala	1 (0.6-1.9)	1.1 (0.6-2.2)	9.4 (-9.4-44.5)	0.5 (0.2-0.9)	0.4 (0.2-0.8)	-14.5 (-32.5-5.4)	0 (0-0)	0 (0-0)	19.1 (-4.1-43.4)	0 (0-0)	0 (0-0)	-7.4 (-21.9-23.9)	0 (0-0)	0 (0-0)	-27.8 (-53.1-5.2)	0 (0-0)	0 (0-0.1)	22.1 (-4.1-148)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	117	105	109	97
Veracruz de Ignacio de la Llave	4.5 (3.4-5.9)	4.9 (3.8-6.3)	7.8 (-0.7-17.9)	1.9 (1.5-2.4)	1.5 (1.2-2)	-18.8 (-26.3--11.8)	0 (0-0)	0 (0-0)	7.8 (-8-25.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-13.4 (-21.7--3.6)	0.1 (0-0.1)	0 (0-0)	-50.3 (-63.3--33.6)	0.1 (0-0.1)	0.1 (0-0.1)	11.8 (-6.4-52)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	101	91	103	83
Yucatán	5.2 (3.5-7.5)	5.5 (3.6-7.9)	4.6 (-6.1-14.2)	2.1 (1.4-3)	1.7 (1.1-2.3)	-20 (-28.6--12.8)	0 (0-0)	0 (0-0)	31.3 (11.4-52.3)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-15.8 (-25.4--5.6)	0 (0-0)	0 (0-0)	-8.2 (-35.8-27.3)	0.1 (0-0.1)	0.1 (0-0.1)	10.7 (-6.6-45.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	105	100	97	84
Zacatecas	0.3 (0.1-0.7)	0.4 (0.1-0.9)	18 (-6.1-144)	0.1 (0-0.3)	0.1 (0-0.2)	-10.7 (-30.4-125)	0 (0-0)	0 (0-0)	64.1 (38.4-89.2)	0 (0-0)	0 (0-0)	-7.2 (-26-145)	0 (0-0)	0 (0-0)	-27.1 (-47--1.9)	0 (0-0)	0 (0-0)	26.1 (-2.1-253)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	117	112	115	106

Location	Birth incidence rate (per 100,000 live births), 2000	Birth incidence rate (per 100,000 live births), 2021	Birth incidence rate (per 100,000 live births) percent change (2000-2021)	All age rate (per 100,000 population), 2000	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	All age total SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Nicaragua	0.9 (0.6-1.3)	0.9 (0.7-1.3)	8 (-4.8-37)	0.1 (0.1-0.1)	0.1 (0-0.1)	-16.7 (-32.3-8.3)	0 (0-0)	0 (0-0)	-71.2 (-85--37.9)	0 (0-0)	0 (0-0)	-18.4 (-29.8-13.6)	0.1 (0-0.1)	0 (0-0)	-69.3 (-86.2--15.7)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	8.8 (-7.9-53.2)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	105	109	88	60
Panama	0.8 (0.6-1)	0.8 (0.6-1.1)	6.8 (-19.4-42.8)	0.1 (0.1-0.1)	0.1 (0-0.1)	-11.8 (-25.9-8.1)	0.4 (0.4-0.5)	0.4 (0.3-0.4)	-20.2 (-32.8--6.2)	0 (0-0)	0 (0-0)	-10.7 (-27.2-25)	0.6 (0.5-0.7)	0.3 (0.2-0.4)	-52.2 (-64.6--33.5)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	6.9 (-14.4-55.1)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0-0.1)	49	57	85	68
Venezuela (Bolivarian Republic of)	29.9 (24.6-35.2)	16.3 (13.3-19.8)	-45.2 (-52.7--38.2)	10.4 (8.4-12.3)	2.5 (2-3.1)	-75.9 (-78.3--72.8)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	23.7 (-2-53.5)	0.6 (0.5-0.7)	0.3 (0.2-0.3)	-54.3 (-59.8--47.6)	0.1 (0.1-0.2)	0.2 (0.2-0.3)	65.4 (22.2-119)	1.6 (1.2-2)	1.5 (1.1-2)	-6.3 (-22-14.6)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.2 (0.1-0.3)	85	76	22	34
Tropical Latin America	20.8 (18.3-23.2)	25.9 (21.8-29.5)	24.3 (18.5-29.4)	9 (8.1-9.8)	8.9 (7.8-9.9)	-0.8 (-4.3-2.8)	0.2 (0.2-0.2)	0.3 (0.2-0.3)	26.1 (17.7-36.6)	0.4 (0.3-0.4)	0.4 (0.3-0.4)	3.5 (-2-9.3)	0.6 (0.5-0.6)	0.4 (0.3-0.5)	-25.8 (-45.2--1.4)	0.3 (0.2-0.3)	0.3 (0.2-0.4)	19.7 (13-27)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	60	54	77	60
Brazil	20.4 (18-22.7)	25.6 (21.6-29.2)	25.5 (19.2-31)	8.8 (7.9-9.6)	8.8 (7.8-9.7)	-0.2 (-4.1-3.7)	0.2 (0.2-0.2)	0.3 (0.3-0.3)	26.7 (18.3-37.1)	0.4 (0.3-0.4)	0.4 (0.3-0.4)	4.5 (-1.4-10.5)	0.6 (0.5-0.7)	0.4 (0.3-0.5)	-25.7 (-45.2--1.3)	0.2 (0.2-0.3)	0.3 (0.2-0.4)	21 (13.8-29.2)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	59	52	79	59
Acre	18.6 (14.9-22.4)	24 (18.8-30)	29.1 (15-44)	7.7 (6.3-9)	7.8 (6.4-9.3)	1.3 (-5.3-9.8)	0.2 (0.2-0.2)	0.2 (0.2-0.2)	10.1 (-11.6-37.2)	0.4 (0.3-0.5)	0.4 (0.3-0.5)	6.2 (-4.9-18.4)	0.7 (0.6-1)	0.6 (0.4-0.9)	-16.5 (-46.6-38.2)	0.2 (0.1-0.3)	0.3 (0.2-0.4)	20.3 (5-38)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	0.1 (0-0.1)	69	58	90	77
Alagoas	6.2 (5.1-7.5)	5.9 (4.7-7.2)	-4.8 (-17-11.7)	2.9 (2.5-3.4)	2.4 (2-3)	-16.8 (-28.3--0.8)	0.2 (0.2-0.2)	0.2 (0.2-0.2)	-1.1 (-18.4-21.4)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-18.6 (-29.9--5.2)	0.8 (0.6-1)	0.4 (0.3-0.6)	-50.5 (-68.7--25.7)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-1.4 (-19.8-25)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	72	56	109	84
Amapá	8.1 (5.7-11.4)	9 (6-13.1)	11.3 (-5.3-26.8)	3 (2.2-4)	2.8 (2-3.9)	-7.7 (-17.8-3)	0.1 (0.1-0.2)	0.2 (0.2-0.3)	73.2 (41.2-128)	0.2 (0.1-0.3)	0.2 (0.1-0.2)	-14.5 (-25--1.4)	0.3 (0.2-0.4)	0.6 (0.4-0.7)	69.6 (5.7-148)	0.1 (0-0.1)	0.1 (0-0.1)	4.6 (-15.2-27)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	69	53	96	90
Amazonas	8.9 (7.3-10.2)	11.9 (9.6-13.8)	33.1 (23.6-41.3)	5.6 (4.8-6.5)	6.4 (5.3-7.3)	13 (6.3-19.9)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	106 (68.4-164)	0.1 (0.1-0.2)	0.2 (0.1-0.2)	27.5 (17.8-38)	0.2 (0.1-0.3)	0.3 (0.3-0.4)	51.7 (3.6-122)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	36.5 (22.4-54.4)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	80	64	93	85
Bahia	19.1 (16.6-21.6)	35.3 (29.2-41.4)	84.5 (65-104)	9.2 (8.1-10.4)	13 (11.3-14.6)	40.5 (29.9-49)	0.4 (0.4-0.5)	0.5 (0.5-0.6)	26.6 (8.7-48.6)	0.3 (0.3-0.4)	0.5 (0.4-0.6)	58.3 (41.4-76.6)	1.4 (1.1-1.7)	0.8 (0.6-1.1)	-39.1 (-58--10.9)	0.2 (0.2-0.3)	0.4 (0.3-0.5)	73.5 (50.9-103)	0.1 (0.1-0.2)	0 (0-0)	0.3 (0.2-0.3)	0.1 (0.1-0.2)	46	40	84	55
Ceará	5.1 (4.2-6)	6.8 (5.5-8.1)	33.4 (22.6-47.3)	2.3 (2-2.7)	2.5 (2.1-3)	10.4 (0.7-23.7)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	18 (1.1-39.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	10 (-0.5-22.1)	0.4 (0.3-0.4)	0.2 (0.1-0.3)	-42.8 (-62.7--10.7)	0.1 (0-0.1)	0.1 (0.1-0.1)	28.7 (12.5-48.7)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	72	62	105	78
Distrito Federal	76.5 (66.8-85.8)	71.6 (62.7-81.2)	-6.5 (-17.6-2.3)	34 (30.7-37.4)	26.2 (22.8-28.9)	-23 (-27.8--17.9)	0.4 (0.3-0.4)	0.3 (0.3-0.3)	-17.3 (-25.2--7.3)	1.3 (1.1-1.5)	1 (0.8-1.1)	-22.3 (-30.3--14.6)	0.7 (0.6-0.8)	0.4 (0.4-0.6)	-31.3 (-44.6--12.7)	0.6 (0.5-0.8)	0.6 (0.4-0.8)	-6.1 (-17.6-7.8)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.2 (0.2-0.2)	0.2 (0.2-0.3)	43	39	45	32
Espírito Santo	35.5 (29.9-41.1)	46.3 (38.1-55.8)	30.6 (16.2-45.7)	12.2 (10.7-13.5)	12.4 (10.6-14.1)	1.6 (-7.7-9.7)	0.2 (0.2-0.3)	0.3 (0.3-0.3)	24.2 (9.8-39.2)	0.6 (0.5-0.8)	0.6 (0.5-0.8)	0.7 (-11-13.6)	0.5 (0.4-0.6)	0.5 (0.4-0.7)	7.3 (-23.5-49.3)	0.3 (0.2-0.4)	0.4 (0.3-0.5)	24.6 (4.3-48.7)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	54	45	64	53
Goiás	24.7 (21.4-28.2)	32.6 (26.7-38.1)	31.7 (19.4-46.3)	10.3 (9.2-11.5)	10.1 (8.8-11.3)	-1.8 (-9.2-5.6)	0.3 (0.2-0.3)	0.3 (0.3-0.4)	33.6 (15.8-56.5)	0.4 (0.4-0.5)	0.4 (0.4-0.5)	6.8 (-4.3-19.3)	0.6 (0.5-0.8)	0.5 (0.4-0.7)	-19 (-43.9-17.8)	0.2 (0.2-0.3)	0.3 (0.2-0.4)	26 (8.2-52.3)	0.1 (0.1-0.1)	0 (0-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	54	45	76	58
Maranhão	13.3 (11.1-15.4)	15.8 (12.8-19.1)	18.7 (4.9-32.9)	5.6 (4.8-6.5)	6.1 (5.1-7.2)	9.1 (-1-18.4)	0.5 (0.4-0.7)	0.4 (0.3-0.4)	-27.6 (-47.4--10.6)	0.3 (0.2-0.3)	0.3 (0.2-0.4)	1.9 (-10.1-16.5)	1.6 (1-2.7)	0.6 (0.4-0.8)	-62.6 (-79.8--36.2)	0.2 (0.1-0.2)	0.2 (0.1-0.3)	13.8 (-2.5-31.9)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.3)	0.1 (0-0.1)	51	43	100	75
Mato Grosso	11.6 (9.8-13.4)	15.5 (12.9-18.3)	34.2 (22.7-44.4)	5.2 (4.4-5.9)	5.3 (4.4-6)	0 (-7-7.2)	0.2 (0.2-0.2)	0.3 (0.3-0.3)	42.3 (26.1-59.5)	0.2 (0.2-0.2)	0.2 (0.2-0.3)	9.9 (-0.2-20.9)	0.5 (0.4-0.6)	0.6 (0.5-0.8)	35 (0.4-77.3)	0.1 (0.1-0.2)	0.2 (0.1-0.2)	29.3 (15.2-48.1)	0.1 (0.1-0.1)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0.1)	57	51	91	78
Mato Grosso do Sul	13 (11.1-15.3)	17.1 (13.8-20.2)	31.6 (20.7-42.5)	6.3 (5.3-7.2)	6.2 (5.2-7.1)	-1.1 (-7.8-4.7)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	46.1 (26.3-68.8)	0.2 (0.2-0.3)	0.2 (0.2-0.3)	12.4 (1.6-24.9)	0.2 (0.2-0.3)	0.3 (0.2-0.3)	11.8 (-16.1-54.9)	0.1 (0.1-0.2)	0.2 (0.1-0.2)	30.4 (12.5-53.9)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0-0.1)	74	64	86	75
Minas Gerais	28.5 (24.7-32.8)	35.4 (30.1-41.7)	24.2 (12.8-39.6)	10.3 (9.1-11.4)	9.7 (8.3-10.9)	-6.5 (-13.7-3.6)	0.3 (0.2-0.3)	0.4 (0.3-0.4)	36.4 (23.8-53)	0.5 (0.4-0.6)	0.5 (0.4-0.6)	-4.8 (-14-6.7)	0.6 (0.5-0.8)	0.5 (0.4-0.7)	-19.3 (-40-23.3)	0.3 (0.2-0.4)	0.4 (0.3-0.5)	13.9 (-2.5-36.5)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	48	44	65	51
Pará	10.2 (8.7-11.6)	11.1 (9.3-13.2)	8.8 (-2.7-19.2)	4.7 (4-5.3)	4.6 (3.9-5.2)	-2.8 (-11.8-3.8)	0.2 (0.1-0.2)	0.2 (0.2-0.2)	31.3 (9.3-63.9)	0.2 (0.2-0.2)	0.2 (0.1-0.2)	-11.1 (-20.7-0)	0.5 (0.4-0.7)	0.4 (0.3-0.5)	-27.5 (-52.5-10.5)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	8.2 (-6.4-25.1)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0.1)	71	58	96	80
Paraíba	8.8 (7.3-10.2)	12.7 (10.5-15)	45 (36.6-52.9)	3.6 (3-4.2)	4.4 (3.7-5.2)	22.1 (14.7-29.6)	0.1 (0.1-0.2)	0.2 (0.1-0.2)	12.8 (-0.4-34)	0.2 (0.1-0.2)	0.2 (0.2-0.2)	22.4 (12.9-32.9)	0.5 (0.4-0.6)	0.2 (0.1-0.3)	-58.2 (-75.2--33.5)	0.2 (0.1-0.3)	0.3 (0.2-0.4)	49.5 (34-67.5)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	69	61	80	52
Paraná	6.6 (5.7-7.4)	10.2 (8.5-12.1)	53.2 (40-66)	3.2 (2.9-3.6)	3.6 (3.1-4.1)	10.3 (3.2-17.9)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	58.6 (40.4-79.8)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	30.7 (19.4-44.4)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	16.7 (-17.7-65.3)	0.1 (0-0.1)	0.1 (0.1-0.1)	47.4 (28.1-70.7)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	72	64	90	76
Pernambuco	4.8 (3.9-5.8)	7.1 (5.9-8.4)	48.7 (34.1-64.5)	2.3 (1.9-2.6)	2.8 (2.4-3.4)	20.1 (8.4-32.5)	0.2 (0.2-0.2)	0.2 (0.2-0.2)	9.5 (-4.8-26.3)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	32 (18.9-47)	0.6 (0.4-0.7)	0.3 (0.2-0.4)	-51 (-66.7--22.7)	0.1 (0-0.1)	0.1 (0.1-0.1)	54.6 (28.5-88.8)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	66	58	107	78
Piauí	28.9 (24.6-33.3)	33.4 (28.5-39.7)	15.6 (4.9-28.9)	13 (11.3-14.5)	12.5 (10.7-14.1)	-3.9 (-9.6-3.1)	0.4 (0.3-0.5)	0.4 (0.4-0.5)	15.1 (-1.5-35)	0.5 (0.4-0.6)	0.5 (0.4-0.6)	-3.7 (-14.1-7.9)	1.2 (0.8-1.5)	0.6 (0.4-0.8)	-51.9 (-69.1--25.5)	0.3 (0.2-0.4)	0.4 (0.3-0.5)	16.6 (-1.2-38.2)	0.1 (0.1-0.2)	0 (0-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.2)	46	39	79	48
Rio de Janeiro	43.3 (38.2-48.2)	46.4 (39.3-52.9)	7.1 (-2.4-15.5)	15 (13.6-16.4)	12.5 (11-13.9)	-16.4 (-22.1--11.3)	0.3 (0.3-0.3)	0.4 (0.4-0.4)	40.8 (26.8-53.3)	0.7 (0.6-0.8)	0.6 (0.5-0.7)	-11.6 (-20--2.9)	0.5 (0.4-0.6)	0.6 (0.5-0.7)	12.1 (-13.6-45.4)	0.6 (0.5-0.8)	0.7 (0.5-0.9)	9.3 (-5.9-27.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.2 (0.2-0.2)	0.2 (0.2-0.3)	52	47	46	40
Rio Grande do Norte	6.8 (5.4-8.1)	9.2 (6.9-11.6)	36.1 (23.3-58.3)	2.9 (2.4-3.5)	3.1 (2.5-3.8)	6.1 (-3.7-20.4)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	24.7 (5.9-49.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	12.1 (0.2-29.1)	0.5 (0.3-0.6)	0.2 (0.2-0.3)	-47.4 (-66.5--17.7)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	35 (14.2-62.5)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0.1)	72	61	107	77
Rio Grande do Sul	8.3 (7.2-9.4)	12.6 (10.8-14.5)	51.9 (38.8-65.6)	3.9 (3.3-4.3)	4.4 (3.8-5.1)	14.4 (6.2-21.7)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	55.1 (38.4-71.8)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	28.1 (17-40.3)	0.1 (0.1-0.2)	0.2 (0.2-0.2)	25.9 (-1.6-70)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	50.6 (31.5-72.6)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0.1)	71	60	84	73
Rorônia	20.4 (16.6-24.5)	26.3 (20.8-31.8)	28.5 (15.6-43.1)	7.8 (6.5-8.8)	7.3 (6.2-8.4)	-5.8 (-13.4-2.5)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	4.5 (-9.5-23.3)	0.4 (0.3-0.5)	0.4 (0.3-0.5)	-5.8 (-16.6-5.3)	0.3 (0.3-0.5)	0.3 (0.2-0.4)	-6.7 (-30.5-40.3)	0.2 (0.1-0.3)	0.2 (0.2-0.3)	19.1 (0.2-39.6)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	71	59	82	66
Roraima	30.1 (23.6-36.6)	28.4 (22.1-35.7)	-5.6 (-14.4-3.9)	12.4 (10.3-14.6)	10 (8.2-11.9)	-19.7 (-27.8--12.7)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	54.1 (14.2-109)	0.6 (0.5-0.8)	0.5 (0.4-0.6)	-24.3 (-34.5--13.4)	0.1 (0.1-0.2)	0.4 (0.3-0.5)	176 (67.5-386)	0.3 (0.2-0.4)	0.2 (0.2-0.4)	-12.7 (-27.8-5.9)	0 (0-0)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	76	66	64	74
Santa Catarina	4.5 (3.7-5.2)	6 (4.9-7)	32.7 (24.1-42.3)	2.3 (1.9-2.7)	2.4 (2-2.8)	2.6 (-4.2-11.7)	0.1 (0-0.1)	0.1 (0.1-0.1)	51.4 (31.3-73.7)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	14.7 (4.5-26.6)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	12.4 (-23.2-65.9)	0 (0-0.1)	0.1 (0-0.1)	40.3 (20-68.2)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	78	68	93	82

Location	Birth Incidence rate (per 100,000 live births), 2000	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	All age rate (per 100,000 population), 2000	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	All age total SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
São Paulo	31.7 (28.2-35.4)	42.1 (35.7-48.6)	32.6 (20.5-43.8)	13.1 (11.7-14.1)	13.2 (11.6-14.7)	0.5 (-5.2-6.2)	0.2 (0.1-0.2)	0.2 (0.2-0.2)	43.5 (29.6-58.5)	0.5 (0.4-0.6)	0.6 (0.5-0.6)	8.5 (-0.7-18.8)	0.3 (0.2-0.3)	0.4 (0.3-0.4)	26.6 (-4.7-58.7)	0.4 (0.3-0.5)	0.5 (0.4-0.7)	28 (15.9-41.7)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	65	54	55	44
Sergipe	17.3 (14.5-20.5)	21 (17.2-24.7)	21.4 (10.2-34.6)	7.6 (6.5-8.6)	7.3 (6.2-8.8)	-3.6 (-12.1-4.3)	0.3 (0.2-0.3)	0.3 (0.3-0.3)	11.4 (-2.6-33.5)	0.3 (0.2-0.4)	0.3 (0.2-0.4)	-1.6 (-13.9-10.6)	0.9 (0.6-1.1)	0.7 (0.5-0.9)	-25.7 (-50.1-9.9)	0.2 (0.1-0.3)	0.3 (0.2-0.3)	23.1 (5.3-44.2)	0.1 (0.1-0.1)	0 (0-0)	0.2 (0.1-0.2)	0.1 (0-0.1)	55	47	80	69
Tocantins	35.8 (30-41.3)	49.9 (40.9-58.6)	39.3 (29.4-54.9)	15.4 (13.3-17.3)	17 (14.5-19)	10.3 (2.3-19.8)	0.3 (0.2-0.4)	0.3 (0.3-0.4)	15.1 (-1.5-36.4)	0.7 (0.6-0.8)	0.8 (0.6-0.9)	11.7 (1.6-25)	0.9 (0.7-1.2)	0.7 (0.5-1.1)	-21.8 (-50.2-15.2)	0.4 (0.3-0.6)	0.6 (0.4-0.7)	31.8 (17.5-49.2)	0.1 (0.1-0.1)	0 (0-0.1)	0.2 (0.2-0.3)	0.2 (0.1-0.3)	51	42	76	49
Paraguay	32.4 (25.5-40.7)	32.5 (25.6-40.6)	0.3 (-7.4-7.9)	15 (12.1-17.8)	12.6 (10.3-15.2)	-15.7 (-19.9--11)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-4.8 (-30.5-34)	0.6 (0.5-0.9)	0.5 (0.4-0.7)	-16.7 (-24--8.4)	0.1 (0.1-0.1)	0.1 (0-0.1)	-16.7 (-55.9-66.1)	0.6 (0.4-0.7)	0.6 (0.4-0.7)	0.5 (-8.6-10.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	90	93	51	48
North Africa and Middle East	242 (218-271)	164 (141-189)	-32.2 (-36.1--28)	168 (149-187)	98 (81.4-114)	-41.7 (-45.5--37.8)	0.3 (0.3-0.4)	0.2 (0.2-0.3)	-26.1 (-38.3--11.4)	3.1 (2.7-3.6)	2.2 (1.9-2.7)	-29.1 (-33.7--24.3)	0.4 (0.2-0.6)	0.2 (0.1-0.3)	-49.1 (-65.3--13)	5.5 (4.1-7.4)	5 (3.6-6.8)	-9.3 (-13.3--4.8)	0 (0-0)	0.5 (0.3-0.6)	0 (0-0.1)	1.1 (0.8-1.4)	82	86	29	16
North Africa and Middle East	242 (218-271)	164 (141-189)	-32.2 (-36.1--28)	168 (149-187)	98 (81.4-114)	-41.7 (-45.5--37.8)	0.3 (0.3-0.4)	0.2 (0.2-0.3)	-26.1 (-38.3--11.4)	3.1 (2.7-3.6)	2.2 (1.9-2.7)	-29.1 (-33.7--24.3)	0.4 (0.2-0.6)	0.2 (0.1-0.3)	-49.1 (-65.3--13)	5.5 (4.1-7.4)	5 (3.6-6.8)	-9.3 (-13.3--4.8)	0 (0-0)	0.5 (0.3-0.6)	0 (0-0.1)	1.1 (0.8-1.4)	82	86	29	16
Afghanistan	131 (105-159)	131 (105-159)	0.1 (-5.7-6)	84.5 (67-106)	82.2 (64.5-106)	-2.7 (-8.7-4)	0.8 (0.5-1.3)	0.6 (0.4-1)	-25.6 (-50.3-6.2)	2.3 (1.8-3)	2.2 (1.8-2.9)	-1.7 (-10-6.3)	0.8 (0.3-1.6)	0.4 (0.2-0.7)	-45.3 (-66.2-28.1)	5.1 (3.5-7.6)	5.1 (3.4-7.7)	0.5 (-11.1-12.3)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0.1)	0.4 (0.3-0.6)	78	79	44	31
Algeria	22.7 (19.3-26.1)	22.7 (19.6-26.7)	0.3 (-4.7-5.1)	11.2 (9.3-12.9)	9.9 (8.3-11.5)	-12.3 (-16.8--6.3)	0.1 (0.1-0.1)	0.1 (0-0.1)	-42.5 (-62.2--16.1)	0.4 (0.3-0.4)	0.4 (0.3-0.4)	-1.2 (-7.4-5.9)	0.2 (0.1-0.3)	0.1 (0-0.1)	-59.1 (-77.2--26.4)	1.5 (1-2)	1.5 (1-2.1)	0.7 (-9.8-13.6)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.4 (0.3-0.5)	83	85	39	28
Bahrain	1,260 (1,040-1,500)	1,040 (834-1,290)	-17.6 (-29.5--9)	949 (773-1,160)	618 (494-764)	-34.9 (-43.9--28.1)	3.2 (2.6-3.8)	1.9 (1.5-2.3)	-40.3 (-49.8--26.4)	15.9 (12.5-20)	15.5 (11.8-19.9)	-2.9 (-19.5-10.9)	1.4 (0.9-2)	1.6 (1.1-2.3)	11.6 (-18.2-55.6)	15.6 (11.2-21.7)	14.5 (10-20.8)	-6.8 (-18.1-5.5)	0.6 (0.4-0.9)	7.1 (5-10.2)	0.7 (0.5-0.9)	6.2 (4.3-8.7)	26	27	4	4
Egypt	151 (132-172)	151 (131-169)	-0.1 (-7.9-5.9)	110 (93.3-126)	104 (89.3-117)	-5.9 (-15.3--0.2)	0.1 (0.1-0.2)	0.2 (0.1-0.2)	4 (-22.3-46)	2 (1.7-2.3)	2 (1.7-2.3)	0 (-6.5-7)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-25.3 (-59.6-47.6)	3.2 (2.5-4.1)	3.2 (2.5-4.1)	-1 (-10.3-8.3)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.9 (0.7-1.2)	80	79	33	14
Iran (Islamic Republic of)	227 (180-277)	154 (123-189)	-32.4 (-33.6--30.5)	170 (133-211)	94.7 (74-119)	-44.2 (-45.6--42.3)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	-44.2 (-54.2--28.6)	2.6 (2-3.4)	2.1 (1.6-2.6)	-22.2 (-27--17.5)	0.2 (0.1-0.3)	0 (0-0)	-90.8 (-94.8--84.2)	2.8 (2-3.9)	2.4 (1.7-3.4)	-15.1 (-20.7--9.9)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	3.8 (2.7-5.2)	80	85	27	7
Alborz	214 (166-264)	144 (114-183)	-32.7 (-37.2--27.5)	167 (130-208)	91.5 (71.2-115)	-45.2 (-48.8--40.5)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-40.6 (-54.1--20.2)	2.5 (1.8-3.2)	2 (1.5-2.6)	-19.8 (-28.6--10.9)	0 (0-0.1)	0 (0-0)	-98.2 (-99.6--94)	2 (1.5-2.8)	1.7 (1.2-2.4)	-16.1 (-26.2--3.5)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	28.5 (16.2-46.4)	88	94	22	2
Ardebil	221 (174-274)	150 (117-187)	-32.2 (-36.2--27.3)	168 (130-209)	92.4 (71.2-115)	-45 (-49.4--40.8)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	-38.8 (-55--15)	2.5 (1.9-3.2)	2 (1.5-2.6)	-17.3 (-26.2--7.5)	0.1 (0.1-0.3)	0 (0-0)	-92.8 (-96.6--85.3)	2.8 (2-3.8)	2.4 (1.7-3.3)	-15.4 (-25.5--5.2)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	2.9 (2-3.9)	84	92	34	7
Bushehr	244 (193-297)	166 (133-206)	-31.7 (-37--26.8)	185 (142-232)	107 (82.7-134)	-41.8 (-45.9--37.8)	0.4 (0.2-0.5)	0.2 (0.1-0.3)	-45.8 (-60.4--27.5)	2.8 (2.2-3.6)	2.2 (1.7-2.9)	-21.7 (-28.2--15.1)	0.3 (0.1-0.5)	0 (0-0.1)	-90.5 (-95.3--83.1)	3.6 (2.5-5.2)	3.1 (2.1-4.6)	-12.9 (-23.3--0.5)	0 (0-0.1)	0.6 (0.4-0.9)	0 (0-0.1)	4.7 (3.1-7)	64	73	22	6
Chahar Mahaal and Bakhtiari	239 (186-294)	164 (131-200)	-31.4 (-36.3--26.5)	183 (141-227)	102 (78.6-130)	-44 (-47.6--40)	0.3 (0.2-0.4)	0.1 (0.1-0.2)	-52.4 (-67.2--33.6)	2.7 (2.1-3.4)	2.2 (1.7-2.8)	-18.2 (-25.7--10.4)	0.2 (0.1-0.4)	0 (0-0)	-92.7 (-95.8--86.2)	3.7 (2.6-5.4)	3.3 (2.3-4.8)	-10.6 (-21.9-1.5)	0 (0-0.1)	0.7 (0.5-1)	0 (0-0.1)	7.5 (4.8-11)	68	76	21	4
East Azarbaijejan	226 (173-278)	152 (120-188)	-32.8 (-37.6--26.1)	164 (124-208)	90.3 (70-113)	-45 (-49.5--39.5)	0.2 (0.1-0.3)	0.1 (0.1-0.1)	-54.6 (-67.6--37.1)	2.7 (2-3.5)	2.1 (1.6-2.7)	-23.6 (-31.2--14.1)	0.1 (0.1-0.2)	0 (0-0)	-94.6 (-97.4--89.5)	2.8 (2-3.9)	2.4 (1.7-3.3)	-16.6 (-25.3--6.5)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	5 (3.4-7.3)	86	95	30	6
Fars	248 (196-310)	168 (134-207)	-32.3 (-37.6--27.7)	181 (140-227)	97.9 (74.1-124)	-46.1 (-50.7--42.1)	0.6 (0.4-0.8)	0.3 (0.2-0.4)	-49 (-62.2--29.3)	3 (2.3-4)	2.3 (1.8-3)	-23.8 (-32.3--16.1)	0.3 (0.1-0.5)	0 (0-0.1)	-90.8 (-94.7--83.4)	3.6 (2.6-5.1)	3.1 (2.1-4.5)	-13.7 (-23.3--3.3)	0 (0-0.1)	0.6 (0.4-0.8)	0 (0-0.1)	4.3 (3-6.1)	64	78	21	5
Gilan	218 (170-273)	146 (114-185)	-32.9 (-37.9--28.4)	159 (126-202)	83.5 (63.1-106)	-47.6 (-51.2--43.7)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	-37.8 (-52.3--17.7)	2.5 (1.9-3.3)	2 (1.5-2.6)	-21.3 (-29.3--12.7)	0.1 (0-0.2)	0 (0-0)	-97.1 (-98.8--93.8)	2 (1.4-2.7)	1.6 (1.2-2.3)	-16.7 (-26.4--5.7)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	14.1 (7.9-24.1)	74	78	22	3
Golestan	233 (180-292)	158 (125-197)	-32.3 (-37.2--27.2)	177 (136-223)	101 (77.3-123)	-43.3 (-47--38)	0.4 (0.2-0.6)	0.3 (0.2-0.3)	-35.1 (-53.2--11.2)	2.8 (2.1-3.6)	2.2 (1.7-2.8)	-21.8 (-29.3--11.6)	0.2 (0.1-0.4)	0 (0-0)	-91.5 (-95.2--82.6)	2.8 (2-3.8)	2.3 (1.6-3.3)	-16.3 (-25.9--5.8)	0 (0-0.1)	0.4 (0.2-0.5)	0 (0-0.1)	3 (2.1-4.1)	73	83	31	7
Hamadan	231 (183-288)	158 (125-196)	-31.9 (-36.2--26.3)	169 (132-212)	91 (69-116)	-46 (-49.6--41.7)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	-41.4 (-58--21.7)	2.8 (2.1-3.6)	2.1 (1.6-2.8)	-22.5 (-30.6--14.6)	0.1 (0.1-0.2)	0 (0-0)	-91.8 (-95.6--82.7)	3 (2.1-4.2)	2.6 (1.9-3.8)	-13.9 (-23.3--3.7)	0 (0-0)	0.4 (0.2-0.5)	0 (0-0)	3 (2.2-4.1)	81	90	26	8
Hormozgan	231 (181-290)	157 (123-193)	-32.1 (-36.5--27.3)	179 (138-229)	105 (80.9-131)	-41.4 (-45.8--37.4)	0.6 (0.2-0.9)	0.4 (0.1-0.5)	-37.9 (-55.2--9.5)	2.7 (2-3.5)	2.1 (1.6-2.7)	-21.5 (-28.8--13.7)	0.4 (0.1-0.7)	0 (0-0.1)	-90.7 (-95.1--81.6)	2.9 (2-4)	2.5 (1.8-3.5)	-13.2 (-23--2.4)	0 (0-0.1)	0.4 (0.3-0.5)	0 (0-0.1)	3.2 (2.4-4.6)	66	74	31	7
Illam	232 (181-289)	157 (125-194)	-32.3 (-35.9--27)	177 (136-223)	96.5 (74-122)	-45.5 (-49--41.2)	0.3 (0.2-0.4)	0.2 (0.2-0.2)	-30.2 (-47.5--2.2)	2.7 (2.1-3.5)	2.2 (1.7-2.8)	-19.1 (-28--10.1)	0.2 (0.1-0.4)	0 (0-0.1)	-89.9 (-95.5--75.9)	3 (2.1-4.2)	2.6 (1.8-3.7)	-14.3 (-23.9--3.6)	0 (0-0.1)	0.4 (0.3-0.6)	0 (0-0)	3 (1.8-4.6)	72	81	25	7
Isfahan	229 (180-284)	156 (123-189)	-31.9 (-36.5--27.1)	167 (131-211)	92 (70-114)	-45 (-48.7--40.2)	0.2 (0.1-0.3)	0.1 (0.1-0.1)	-43.3 (-54.3--25.6)	2.7 (2-3.4)	2.1 (1.6-2.7)	-22 (-29.2--13.8)	0.1 (0.1-0.2)	0 (0-0)	-87.5 (-92.9--76.2)	3.1 (2.2-4.4)	2.7 (1.9-3.9)	-12.9 (-23.4-1)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	3.6 (2.5-5.1)	76	87	23	7
Kerman	230 (180-289)	155 (122-194)	-32.8 (-37.2--27.7)	176 (136-222)	99.4 (76.9-126)	-43.4 (-46.9--38.8)	0.4 (0.3-0.6)	0.2 (0.1-0.3)	-48.8 (-63.8--28.2)	2.7 (2-3.5)	2.1 (1.6-2.7)	-23.1 (-30.7--14.6)	0.2 (0.1-0.3)	0 (0-0)	-86.4 (-92--76.7)	2.6 (1.9-3.6)	2.2 (1.6-3.2)	-15.5 (-25.3--5.3)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	2.4 (1.7-3.4)	73	83	25	8
Kermanshah	238 (186-300)	161 (126-200)	-32.3 (-36.8--28.2)	176 (139-223)	94.2 (70.6-119)	-46.6 (-50--42.6)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	-46.9 (-59.6--29.6)	2.9 (2.2-3.8)	2.2 (1.7-2.9)	-22.6 (-30.8--13.9)	0.1 (0.1-0.2)	0 (0-0)	-93.2 (-96.8--84.2)	2.9 (2.1-4.1)	2.5 (1.8-3.6)	-14.6 (-23.8--3.1)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	3.4 (2.4-4.7)	82	89	28	6
Khorasan-e-Razavi	230 (176-284)	155 (123-192)	-32.8 (-37.8--27.1)	173 (132-219)	97.7 (75.5-123)	-43.4 (-48.2--38.3)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	-52.2 (-63.8--34.3)	2.7 (2.1-3.6)	2.1 (1.6-2.7)	-23.1 (-30.6--14.7)	0.1 (0.1-0.2)	0 (0-0)	-93.1 (-96.8--85.7)	2.9 (2.1-4)	2.4 (1.7-3.4)	-16.3 (-25.1--3.1)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	3.7 (2.4-5.3)	85	90	31	7
Khuzestan	252 (198-314)	172 (138-215)	-31.7 (-36.2--27.9)	191 (148-237)	108 (84.5-136)	-43.3 (-47.1--40)	0.5 (0.3-0.7)	0.3 (0.2-0.4)	-39.7 (-53.1--19.3)	3 (2.3-3.9)	2.3 (1.8-3)	-22.2 (-29.6--14.9)	0.3 (0.1-0.6)	0 (0-0.1)	-89.1 (-94.2--83.5)	3.8 (2.7-5.4)	3.4 (2.3-4.9)	-12.5 (-23.5--0.6)	0 (0-0.1)	0.6 (0.4-0.8)	0 (0-0.1)	4.3 (3-6)	64	72	23	5
Kohgiluyeh and Boyer-Ahmad	256 (203-318)	177 (140-219)	-30.9 (-35.8--24.6)	189 (147-237)	108 (83.4-138)	-43 (-47.4--37.3)	0.7 (0.4-0.9)	0.4 (0.3-0.5)	-43.2 (-58.8--19.8)	3.2 (2.5-4.1)	2.5 (1.9-3.2)	-23.2 (-31.3--13.9)	0.4 (0.2-0.7)	0 (0-0.1)	-93.4 (-96.8--84.8)	4.4 (3.1-6.3)	4 (2.7-6)	-9.8 (-22.1-2.9)	0.1 (0-0.1)	0.6 (0.4-0.9)	0 (0-0.1)	7.4 (4.8-11.1)	66	71	22	4
Kurdistan	227 (180-282)	154 (120-192)	-32.2 (-37--27.5)	171 (131-218)	94 (71.6-118)	-44.9 (-48.5--39.9)	0.1 (0.1-0.2)	0.1 (0-0.1)	-50.9 (-65.4--34)	2.6 (2-3.4)	2.1 (1.6-2.7)	-20.5 (-28.9--12.1)	0.1 (0.1-0.2)	0 (0-0)	-94.2 (-97.2--87.1)	3.2 (2.3-4.4)	2.7 (1.9-3.8)	-14.6 (-24.1--3.6)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	3.3 (2.3-4.6)	85	94	30	6

Location	Birth incidence rate (per 100,000 live births), 2000	Birth incidence rate (per 100,000 live births), 2021	Birth incidence rate (per 100,000 live births) percent change (2000-2021)	All age rate (per 100,000 population), 2000	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	All age total SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Lorestan	233 (182-293)	157 (125-195)	-32.3 (-37--26.8)	179 (137-226)	97.7 (74.6-125)	-45.4 (-50--41.2)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	-38.6 (-53.6--8.9)	2.6 (2-3.5)	2.1 (1.7-2.8)	-18.3 (-26.3--10.2)	0.2 (0.1-0.3)	0 (0-0)	-94.6 (-97.1--88.4)	3 (2.1-4.3)	2.6 (1.8-3.7)	-14.2 (-23.7--3.6)	0 (0-0.1)	0.5 (0.3-0.7)	0 (0-0.1)	7.6 (5.3-10.3)	76	79	26	4
Markazi	227 (177-279)	154 (120-190)	-32.3 (-37.7--27.1)	166 (128-205)	89.8 (69.1-111)	-45.8 (-50.5--39.8)	0.2 (0.1-0.3)	0.1 (0.1-0.1)	-54 (-66.4--38.1)	2.7 (2-3.5)	2.1 (1.6-2.7)	-21.5 (-29.2--12.6)	0.1 (0-0.1)	0 (0-0)	-92.3 (-96.3--84.6)	2.6 (1.9-3.7)	2.2 (1.6-3.3)	-15 (-25--4.8)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	3.8 (2.6-5.5)	81	92	23	8
Mazandaran	213 (167-267)	144 (114-179)	-32.7 (-37.1--28.8)	160 (123-202)	85.5 (66.2-107)	-46.5 (-49.6--43)	0.4 (0.2-0.5)	0.2 (0.1-0.3)	-34.7 (-52.3--9.3)	2.5 (1.9-3.2)	2 (1.5-2.5)	-21.3 (-28.9--13.6)	0.1 (0-0.2)	0 (0-0)	-93 (-97--86.1)	2 (1.4-2.8)	1.7 (1.2-2.4)	-16.5 (-26.5--6.2)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0.1)	6.2 (4.1-9.4)	74	78	25	6
North Khorasan	231 (180-288)	157 (122-196)	-32.2 (-36.4--27.5)	173 (132-217)	97.7 (74.3-124)	-43.4 (-46.5--39.4)	0.1 (0.1-0.3)	0.1 (0.1-0.2)	-37.1 (-49.7--17.4)	2.8 (2.1-3.6)	2.1 (1.6-2.7)	-24.6 (-31.4--17.1)	0.1 (0-0.1)	0 (0-0)	-90.6 (-94.6--75.4)	3 (2.1-4.1)	2.5 (1.8-3.5)	-16.8 (-27.4--7)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	3.3 (2.4-4.7)	89	97	32	8
Qazvin	222 (169-274)	149 (116-186)	-32.7 (-36.4--28.1)	169 (129-210)	93.1 (70.5-116)	-44.9 (-48.4--40.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-44.8 (-54.7--25.1)	2.5 (1.9-3.2)	2 (1.6-2.6)	-17.7 (-27.2--8.6)	0.1 (0.1-0.1)	0 (0-0)	-94.5 (-97.6--87.3)	2.6 (1.9-3.6)	2.2 (1.6-3.2)	-16 (-24.7--4.5)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	5 (3.4-7.3)	82	92	29	6
Qom	219 (172-271)	148 (116-182)	-32.4 (-37.1--26.7)	169 (132-212)	96.8 (75.2-120)	-42.7 (-46.5--38.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	-52.4 (-62.6--33.9)	2.5 (1.9-3.2)	2 (1.5-2.5)	-20.4 (-28.5--12.3)	0.1 (0-0.1)	0 (0-0)	-91.8 (-95.9--84)	2.5 (1.8-3.4)	2.1 (1.5-3)	-14.8 (-24.6--2.9)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	5 (3.3-7.2)	87	95	24	6
Semnan	216 (170-269)	146 (116-183)	-32.4 (-39--26.3)	162 (130-206)	93.3 (71.7-117)	-42.2 (-47.8--36.8)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	-51.3 (-66.9--31.4)	2.5 (1.9-3.2)	1.9 (1.5-2.5)	-21.3 (-30--12.5)	0.1 (0-0.2)	0 (0-0)	-92.6 (-96.9--82)	2.2 (1.6-3)	1.9 (1.3-2.6)	-16.1 (-26--3.9)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	4 (2.4-6.4)	77	84	25	8
Sistan and Baluchistan	239 (187-303)	162 (128-204)	-32.2 (-37.8--26.3)	189 (146-241)	116 (89.3-146)	-38.6 (-43.5--34.1)	0.6 (0.3-0.9)	0.4 (0.2-0.6)	-27.6 (-46.5-2.1)	2.9 (2.2-3.8)	2.2 (1.7-2.8)	-24.6 (-31.5--17)	0.5 (0.2-0.8)	0.1 (0-0.1)	-88.3 (-93.6--79.6)	3.3 (2.3-4.5)	2.7 (2-3.9)	-15.9 (-25.2--5.6)	0 (0-0.1)	0.3 (0.2-0.4)	0 (0-0.1)	1.9 (1.4-2.6)	71	82	31	10
South Khorasan	217 (168-270)	146 (114-179)	-32.6 (-36.6--27.6)	162 (123-208)	94.9 (72.7-121)	-41.5 (-45.2--37.5)	0.1 (0.1-0.2)	0.1 (0-0.1)	-38.3 (-52.3--13.8)	2.4 (1.9-3.1)	1.9 (1.5-2.4)	-22.2 (-31.3--12.9)	0.1 (0-0.1)	0 (0-0)	-91.3 (-95.4--79.8)	2.9 (2.1-4)	2.4 (1.7-3.4)	-16.1 (-25.8--4.6)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	2.8 (2-3.9)	90	96	34	8
Tehran	200 (159-248)	135 (104-166)	-32.8 (-37.6--28.3)	152 (119-188)	85.2 (65.8-108)	-44.1 (-48.3--40.2)	0.4 (0.2-0.5)	0.2 (0.1-0.2)	-52.8 (-65--33.8)	2.3 (1.7-2.9)	1.8 (1.4-2.3)	-21.6 (-29.4--13.2)	0.1 (0-0.2)	0 (0-0)	-95.1 (-98.5--87.6)	1.7 (1.2-2.4)	1.4 (1-2.1)	-15.9 (-25.9--5)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	6.5 (3.1-13.1)	78	82	24	5
West Azarbayejan	227 (178-285)	153 (119-190)	-32.4 (-36--27.1)	169 (134-214)	95.9 (73.8-121)	-43.2 (-46.2--39)	0.2 (0.1-0.3)	0.1 (0.1-0.1)	-54.4 (-66.3--37.1)	2.7 (2-3.5)	2.1 (1.6-2.6)	-23.6 (-30.3--15.1)	0.1 (0.1-0.2)	0 (0-0)	-93.4 (-96.6--85.3)	2.9 (2.1-3.9)	2.4 (1.7-3.4)	-15.6 (-25.3--3.5)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	3.4 (2.4-4.7)	83	92	31	6
Yazd	221 (174-271)	150 (119-188)	-31.9 (-39.2--26.3)	166 (129-207)	97.5 (75.6-122)	-41.2 (-47.6--36.3)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	-50.9 (-64.4--32.3)	2.5 (1.9-3.2)	2 (1.5-2.5)	-21.6 (-29--13.9)	0.1 (0-0.1)	0 (0-0)	-88.9 (-93.3--79.4)	2.5 (1.8-3.5)	2.1 (1.5-3.1)	-13.5 (-24.2--0.9)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	2.7 (1.9-3.8)	80	88	23	8
Zanjan	218 (172-270)	148 (115-181)	-32.3 (-36.7--26.8)	166 (128-210)	91.1 (70.2-115)	-45 (-48.6--41.9)	0.1 (0.1-0.2)	0.1 (0-0.1)	-54.7 (-67.5--37.8)	2.4 (1.8-3.1)	2 (1.5-2.5)	-17.4 (-25.7--9.6)	0.1 (0.1-0.2)	0 (0-0)	-93.7 (-97.1--86.4)	2.8 (2-3.9)	2.4 (1.7-3.4)	-15.2 (-24.6--4.3)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	3.1 (2.2-4.6)	83	96	31	8
Iraq	215 (185-256)	214 (183-249)	-0.2 (-7.6-7)	111 (98.1-127)	97.6 (86.1-111)	-12.4 (-17.4--7.1)	0.5 (0.3-0.6)	0.2 (0.2-0.3)	-49.1 (-61--29.8)	4.4 (3.5-5.6)	3.6 (2.9-4.4)	-18.4 (-25.7--10.2)	0.4 (0.3-0.6)	0.2 (0.1-0.3)	-52.3 (-70.2--14.7)	13.1 (9.2-18.9)	13.1 (8.9-18.8)	-0.5 (-13.3-15.2)	0.1 (0-0.1)	1.8 (1.3-2.6)	0.1 (0-0.1)	5.1 (3.2-7.1)	64	62	9	7
Jordan	103 (82.8-124)	103 (83.3-123)	0.1 (-5.4-8.5)	72 (57.9-89.6)	65.4 (51.8-82.8)	-9.2 (-14.2--3.4)	0.3 (0.2-0.4)	0.1 (0.1-0.2)	-52.9 (-66.1--35.4)	1.4 (1.1-1.8)	1.4 (1.1-1.8)	0.3 (-9.2-10.2)	0.2 (0.1-0.3)	0.1 (0-0.1)	-59.6 (-75--37.4)	3.1 (2-5)	3.1 (2-5)	-0.4 (-13.3-15.6)	0 (0-0)	0.6 (0.3-0.9)	0 (0-0.1)	1.5 (0.9-2.4)	71	75	25	11
Kuwait	71.5 (57.2-85.2)	71.6 (58.1-87.1)	0.1 (-5.8-7.5)	39.2 (30.9-46.9)	33.7 (26.8-39.9)	-14.1 (-19.6--9.8)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	-55.5 (-62.2--46.6)	1.1 (0.9-1.4)	1 (0.8-1.3)	-7.5 (-17.4-2.5)	0.1 (0.1-0.1)	0 (0-0.1)	-54.6 (-68.3--40.3)	3.3 (1.9-5.4)	3.4 (1.9-5.5)	0.9 (-15.6-18.4)	0 (0-0)	1.5 (0.9-2.4)	0 (0-0)	2.8 (1.6-4.7)	67	74	11	8
Lebanon	77.6 (65-92)	79.2 (65.4-93.3)	2.1 (-4.1-9)	49.5 (40-59.2)	45.7 (36.7-54.7)	-7.6 (-14.1--0.9)	0.2 (0.2-0.3)	0.2 (0.1-0.2)	-34 (-48.1--10.8)	1 (0.8-1.2)	1.1 (0.9-1.3)	5.1 (-2-12.9)	0.1 (0-0.1)	0 (0-0)	-80.5 (-89.9--55.4)	1.5 (1-2.2)	1.6 (1.1-2.3)	3.3 (-8.4-16.9)	0 (0-0)	0.4 (0.2-0.5)	0 (0-0)	1.7 (1-2.9)	86	89	31	13
Libya	867 (672-1,160)	873 (670-1,140)	0.7 (-8.9-8.4)	299 (252-352)	227 (193-264)	-24.2 (-30.5--18.8)	0.5 (0.4-0.7)	0.5 (0.4-0.8)	15.2 (-17.7-69.4)	17.4 (12.7-24.1)	11.6 (8.9-15)	-33.4 (-41--23.4)	0.8 (0.5-1.1)	1.3 (0.8-1.8)	62.3 (11.1-164)	82.7 (52.8-127)	83.6 (53.3-126)	1 (-12.7-18.2)	0.1 (0.1-0.2)	15.5 (10.2-23.2)	0.2 (0.1-0.2)	11.4 (7-17.6)	53	49	2	3
Morocco	29 (24.2-33.8)	29.1 (23.8-34)	0.5 (-4.9-6.8)	13.1 (10.7-15.2)	11.2 (9.2-13.1)	-14.5 (-19--9.2)	0.1 (0.1-0.2)	0.1 (0-0.1)	-39.1 (-62.4-6.6)	0.5 (0.4-0.6)	0.4 (0.3-0.5)	-17.3 (-23.9--10.3)	0.2 (0.1-0.3)	0.1 (0-0.2)	-62.4 (-81.3--26.9)	2.2 (1.5-3)	2.2 (1.5-3)	-0.4 (-11.9-12.7)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.6 (0.5-0.9)	82	88	38	19
Oman	481 (410-544)	503 (418-596)	4.7 (-4.7-14.3)	289 (248-327)	273 (223-319)	-5.6 (-14.4-3.5)	0.7 (0.5-0.8)	0.4 (0.3-0.5)	-46.6 (-58.6--28.7)	7.5 (6.2-9)	7.6 (6.2-9.1)	0.5 (-10.3-12.4)	0.7 (0.5-1.1)	0.3 (0.2-0.4)	-56.3 (-69.4--40.5)	22.7 (15-32.7)	22.8 (15-32.1)	0.4 (-14-14.1)	0.2 (0.2-0.3)	7.4 (4.7-10.7)	0.2 (0.1-0.3)	15.7 (10.4-23.1)	34	40	5	2
Palestine	99.9 (79.7-122)	99.5 (81-121)	-0.4 (-6.2-5.9)	73 (57.6-93.1)	67.4 (52.9-85)	-7.7 (-14.7--1.3)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-34.8 (-51.4--11.6)	1.4 (1.1-1.8)	1.3 (1-1.7)	-6 (-15.6-4)	0.1 (0.1-0.2)	0.1 (0-0.1)	-52.7 (-73.4--6.6)	3.1 (2-4.8)	3.1 (2-4.8)	0.8 (-12.2-17.9)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	1.5 (0.9-2.4)	76	84	22	11
Qatar	117 (95.6-147)	118 (98.8-143)	0.4 (-5.8-7.5)	72.6 (57.3-91.5)	66.7 (51.9-83.4)	-8.1 (-15.8--1.3)	0.1 (0.1-0.2)	0 (0-0.1)	-59.1 (-70.4--42.7)	1.7 (1.3-2.2)	1.6 (1.3-2.1)	-6.2 (-14.9-3.5)	0.1 (0-0.1)	0 (0-0)	-66.4 (-81.5--41.6)	3.5 (2.1-5.8)	3.6 (2.1-6)	1.9 (-12.7-21)	0 (0-0.1)	1.5 (0.9-2.5)	0 (0-0.1)	4.8 (2.8-8.3)	73	74	15	5
Saudi Arabia	1,510 (1,400-1,610)	379 (318-449)	-74.8 (-78.7--70.5)	1,260 (1,180-1,340)	289 (236-345)	-77 (-81.1--73.3)	0.8 (0.6-1)	0.7 (0.5-1)	-9.7 (-42.4-32.7)	18.9 (16.9-21.1)	5.5 (4.4-6.8)	-70.8 (-76.6--64.4)	0.4 (0.2-0.6)	0.1 (0-0.2)	-77.2 (-88.3--60)	7.6 (5.8-9.7)	4.2 (3-5.5)	-45 (-55.5--33.2)	0.1 (0.1-0.1)	1.7 (1.2-2.2)	0.1 (0.1-0.2)	4.4 (2.9-6.1)	59	61	9	6
Sudan	715 (601-845)	489 (398-590)	-31.7 (-38.4--23.1)	562 (469-668)	360 (288-439)	-36 (-43--27.7)	1 (0.6-1.3)	0.6 (0.4-0.9)	-37.5 (-56.8--6.2)	8.8 (7.3-10.8)	6.4 (5.2-7.8)	-27.9 (-35.7--19.8)	1.3 (0.5-2.2)	0.5 (0.3-0.8)	-58.5 (-75.1-8.8)	10.7 (8.4-13.9)	9.1 (7.2-11.8)	-14.9 (-23.3--5.6)	0.1 (0-0.1)	0.5 (0.4-0.6)	0.1 (0-0.1)	1.2 (0.9-1.6)	68	70	26	15
Syrian Arab Republic	32.3 (26.6-39.6)	32.4 (27.1-39.1)	0.2 (-7.4-8.2)	12.7 (10.6-14.6)	9.7 (8-11.2)	-24.2 (-30.2--19.6)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	-30.7 (-56-8.4)	0.7 (0.6-0.9)	0.5 (0.4-0.6)	-35.5 (-42--27.8)	0.1 (0.1-0.2)	0.2 (0.1-0.3)	7 (-42.6-86.4)	2.9 (2-4)	2.9 (2-4)	0.6 (-11.1-14.8)	0 (0-0.1)	0.8 (0.6-1.2)	0 (0-0.1)	0.7 (0.4-0.9)	73	77	23	25
Tunisia	106 (84.6-128)	105 (87.4-126)	-0.4 (-6.8-6.2)	67.6 (53.4-85.3)	56.7 (44.4-70.5)	-16.2 (-23.3--9.2)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	-23.8 (-47.9-9.8)	1.4 (1.1-1.7)	1.4 (1.1-1.7)	2.6 (-6-11.7)	0.1 (0.1-0.2)	0 (0-0.1)	-70.1 (-83.6--38.9)	3.2 (2.2-4.6)	3.2 (2.1-4.5)	-0.2 (-12.7-14.2)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	1.5 (1-2.2)	78	82	26	13
Türkiye	37.8 (33.7-44)	31.3 (27.3-36.1)	-17.2 (-23.9--9.9)	21.1 (19-23.7)	13.2 (11.7-15)	-37.5 (-42.9--30.7)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	-55.3 (-68.6--38.6)	0.5 (0.5-0.6)	0.4 (0.4-0.5)	-26.2 (-32.1--20.2)	0.2 (0.1-0.5)	0.1 (0-0.1)	-69.6 (-81.7--31.7)	1.8 (1.3-2.5)	1.8 (1.3-2.5)	-1.5 (-14.3-12.8)	0 (0-0.1)	0.2 (0.2-0.3)	0 (0-0)	0.7 (0.5-1)	79	90	40	23
United Arab Emirates	29.6 (24.7-34)	28.8 (24.3-32.9)	-2.6 (-6.8-3.1)	21.1 (17.5-25)	16.5 (13.4-19.2)	-21.8 (-26.2--15.6)	0.1 (0.1-0.1)	0.1 (0-0.1)	-48.3 (-62.7--26.2)	0.4 (0.3-0.5)	0.5 (0.4-0.6)	18.9 (5.3-32)	0 (0-0)	0 (0-0)	-76.7 (-85.9--61.4)	0.5 (0.3-0.7)	0.5 (0.3-0.7)	-0.8 (-11.2-12.1)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.7 (0.5-1)	105	112	40	22
Yemen	29.3 (24.9-34.9)	29.4 (24.8-34.7)	0.4 (-4.1-5)	13.8 (11.5-16.2)	12.9 (10.7-14.8)	-6.6 (-13.1--1.4)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-32 (-58.2-20.8)	0.7 (0.5-0.9)	0.6 (0.5-0.7)	-17.4 (-23.5--10.5)	0.3 (0.1-0.5)	0.1 (0.1-0.3)	-47.2 (-70-25.5)	2.4 (1.7-3.2)	2.3 (1.7-3.2)	-1.3 (-11-9.7)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.3 (0.2-0.4)	84	88	47	38

Location	Birth Incidence rate (per 100,000 live births), 2000	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	All age rate (per 100,000 population), 2000	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	All age total SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
South Asia	263 (187-351)	251 (179-335)	-4.6 (-6.9--1.9)	90 (66.4-118)	68.9 (51-90.2)	-23.4 (-25.4--21.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	-61.7 (-70.3--51.6)	6.1 (4.3-8.5)	4.8 (3.5-6.7)	-20.9 (-23.9--17.4)	0.4 (0.2-0.5)	0.1 (0.1-0.2)	-62.8 (-80.8--27.1)	10.5 (6.8-15.5)	9.7 (6.3-14.1)	-8.5 (-12.7--4.1)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	1.3 (0.8-2)	83	95	22	13
South Asia	263 (187-351)	251 (179-335)	-4.6 (-6.9--1.9)	90 (66.4-118)	68.9 (51-90.2)	-23.4 (-25.4--21.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	-61.7 (-70.3--51.6)	6.1 (4.3-8.5)	4.8 (3.5-6.7)	-20.9 (-23.9--17.4)	0.4 (0.2-0.5)	0.1 (0.1-0.2)	-62.8 (-80.8--27.1)	10.5 (6.8-15.5)	9.7 (6.3-14.1)	-8.5 (-12.7--4.1)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	1.3 (0.8-2)	83	95	22	13
Bangladesh	1.7 (1.3-2.2)	1.7 (1.2-2.2)	-0.6 (-13.2-8.9)	0.3 (0.3-0.5)	0.2 (0.2-0.3)	-32.9 (-44.8--26.4)	0 (0-0)	0 (0-0)	-66.1 (-81.8--26.2)	0 (0-0.1)	0 (0-0)	-33.9 (-42.6--27.9)	0 (0-0)	0 (0-0)	-64.4 (-85.4-27.7)	0.2 (0.1-0.3)	0.2 (0.1-0.3)	0 (-10.5-11.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	130	130	87	67
Bhutan	1.6 (1.2-2.2)	1.6 (1.2-2.2)	-0.2 (-8.4-7.9)	0.3 (0.2-0.4)	0.2 (0.2-0.3)	-29.8 (-38.5--24.8)	0 (0-0)	0 (0-0)	-61.9 (-80.5--21.2)	0 (0-0.1)	0 (0-0)	-31.3 (-37.9--25.6)	0 (0-0.1)	0 (0-0)	-48.3 (-83.9-78.3)	0.2 (0.1-0.3)	0.2 (0.1-0.3)	-0.5 (-12.9-12.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	120	119	100	85
India	364 (258-486)	360 (256-480)	-1.3 (-3.6-1.6)	116 (85.3-152)	89.6 (66.3-117)	-22.6 (-24.5--20.5)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	-61.4 (-69.9--51.3)	7.9 (5.5-10.9)	6.3 (4.5-8.7)	-20 (-23--16.5)	0.5 (0.3-0.7)	0.2 (0.1-0.3)	-62 (-80.6--25.1)	14.4 (9.2-21.1)	13.6 (8.8-19.8)	-5.7 (-10.1--1.3)	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	2 (1.3-3.2)	75	80	19	10
Nepal	3.4 (2.8-4)	3.3 (2.8-4)	-0.3 (-8.5-7.1)	1 (0.8-1.2)	0.8 (0.6-1)	-24.4 (-30.1--16.6)	0 (0-0)	0 (0-0)	-41.7 (-71.2-16.9)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-23.9 (-30.5--16.6)	0 (0-0)	0 (0-0)	-60.7 (-86.3-50.2)	0.2 (0.2-0.3)	0.2 (0.2-0.3)	-0.9 (-11.7-10.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	126	124	90	72
Pakistan	0.8 (0.5-1.2)	0.8 (0.5-1.2)	-2.1 (-9-4.7)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-21.5 (-27.5--15.5)	0 (0-0)	0 (0-0)	-50.3 (-79-18)	0 (0-0)	0 (0-0)	-23.5 (-31.2--14.3)	0 (0-0)	0 (0-0)	-28.5 (-66.1-96.5)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-3.4 (-12.9-9.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	126	97	102
Azad Jammu & Kashmir	0.8 (0.5-1.1)	0.8 (0.5-1.1)	-2 (-21.8-8.6)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-30.3 (-37.8--24.6)	0 (0-0)	0 (0-0)	-62.5 (-84--0.7)	0 (0-0)	0 (0-0)	-32.6 (-44.7--25)	0 (0-0)	0 (0-0)	-47.3 (-79.6-34.2)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-3.2 (-24.1-8.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	128	99	100
Balochistan	0.8 (0.5-1.2)	0.8 (0.5-1.2)	-0.3 (-13.3-16.7)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-6.4 (-16.3-7.8)	0 (0-0)	0 (0-0)	-40.1 (-70.3-33.5)	0 (0-0)	0 (0-0)	-7 (-21.9-11.6)	0 (0-0)	0 (0-0)	-25.9 (-65.1-105)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0 (-17.6-22.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	116	127	97	107
Gilgit-Baltistan	0.8 (0.5-1.1)	0.8 (0.5-1.1)	-1.7 (-14.2-11.2)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-7.6 (-17.5-2.6)	0 (0-0)	0 (0-0)	-60.2 (-84.7-40.6)	0 (0-0)	0 (0-0)	-8.2 (-23.2-6.5)	0 (0-0)	0 (0-0)	-67.2 (-86.3--6.6)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-2.2 (-20.7-14.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	117	128	100	97
Islamabad Capital Territory	0.7 (0.4-0.9)	0.6 (0.4-0.9)	-0.6 (-19.7-37.5)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-17.8 (-28.1--0.5)	0 (0-0)	0 (0-0)	-72.2 (-89.9--12.5)	0 (0-0)	0 (0-0)	-19 (-35.7-9.1)	0 (0-0)	0 (0-0)	-70.5 (-90.7--8.6)	0.1 (0-0.1)	0.1 (0-0.1)	0.9 (-24.8-45.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	118	130	89	80
Khyber Pakhtunkhwa	0.7 (0.4-1.1)	0.7 (0.4-1)	-1.8 (-11.8-10.4)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-9.2 (-19.3--0.1)	0 (0-0)	0 (0-0)	-40.3 (-80.6-70.4)	0 (0-0)	0 (0-0)	-10.3 (-30.2-5.2)	0 (0-0)	0 (0-0)	-26.1 (-72.7-100)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-4.6 (-28.2-15.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	118	128	95	98
Punjab	0.8 (0.5-1.2)	0.8 (0.6-1.2)	-0.7 (-11.2-13.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-27.6 (-35.4--20.3)	0 (0-0)	0 (0-0)	-48.9 (-79.3-38.8)	0 (0-0)	0 (0-0)	-29.5 (-39.9--16.2)	0 (0-0)	0 (0-0)	-12.9 (-61.4-200)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-1.5 (-17-20.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	113	125	95	103
Sindh	0.8 (0.5-1.2)	0.8 (0.5-1.2)	-0.4 (-13.2-11)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-22.2 (-30.1--13.7)	0 (0-0)	0 (0-0)	-56.6 (-82.1-0.9)	0 (0-0)	0 (0-0)	-23.3 (-34.1--12.9)	0 (0-0)	0 (0-0)	-41.7 (-78.3-77)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-0.6 (-15.5-14.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	111	126	98	97
Southeast Asia, East Asia, and Oceania	2.3 (1.8-2.9)	2.3 (1.8-2.9)	0.8 (-0.7-2.3)	1.4 (1-1.7)	1 (0.8-1.3)	-24.2 (-25.9--22.5)	0 (0-0)	0 (0-0)	-36.6 (-53.4--13.7)	0 (0-0.1)	0 (0-0)	-15.4 (-19.6--11.2)	0 (0-0)	0 (0-0)	-72.1 (-84.4--49.2)	0 (0-0.1)	0 (0-0.1)	-0.3 (-3.3-3.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	137	126	111
East Asia	3.7 (2.9-4.7)	3.7 (2.9-4.7)	0.4 (-1.2-2)	1.9 (1.5-2.4)	1.5 (1.1-1.9)	-21.5 (-23.2--19.8)	0 (0-0)	0 (0-0)	-33.4 (-51.6--8.5)	0.1 (0-0.1)	0 (0-0.1)	-12.2 (-16.8--7.6)	0 (0-0)	0 (0-0)	-83.9 (-91--68.7)	0.1 (0-0.1)	0.1 (0-0.1)	-0.9 (-4.8-3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	134	136	121	87
China	3.7 (2.9-4.7)	3.8 (2.9-4.8)	0 (-1.6-1.5)	1.9 (1.5-2.4)	1.5 (1.1-1.9)	-22 (-23.8--20.3)	0 (0-0)	0 (0-0)	-34.3 (-52.4--9.3)	0.1 (0-0.1)	0 (0-0.1)	-12.6 (-17.1--8.1)	0 (0-0)	0 (0-0)	-84.3 (-91.2--68.9)	0.1 (0-0.1)	0.1 (0-0.1)	-1.8 (-5.6-2.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	134	134	121	87
Democratic People's Republic of Korea	3.6 (2.7-4.7)	3.6 (2.8-4.6)	-0.3 (-7.9-7.1)	2.1 (1.6-2.7)	1.7 (1.2-2.1)	-20.3 (-26.3--14.8)	0 (0-0)	0 (0-0)	5.3 (-29.2-51.3)	0.1 (0-0.1)	0 (0-0.1)	-5.3 (-14.7-4)	0 (0-0)	0 (0-0)	-46.3 (-74.1-13.9)	0 (0-0.1)	0 (0-0.1)	0.2 (-12.3-18.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	132	132	115	106
Taiwan (Province of China)	3.1 (2.4-4)	3.8 (3.1-4.7)	25.2 (11.6-42.9)	1.7 (1.3-2.2)	1.8 (1.5-2.2)	5.9 (-6-21.9)	0 (0-0)	0 (0-0)	-89.4 (-90.9--87.7)	0 (0-0.1)	0 (0-0.1)	9.1 (-5.7-27.4)	0 (0-0)	0 (0-0)	-95.8 (-97.1--94.1)	0 (0-0)	0 (0-0)	21.6 (4.3-42.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	112	127	92	80
Oceania	0.1 (0-0.1)	0.1 (0-0.1)	0.7 (-4-6)	0 (0-0.1)	0 (0-0)	-7.6 (-12.8-1)	0 (0-0)	0 (0-0)	-23.5 (-48.6-8.2)	0 (0-0)	0 (0-0)	-4.8 (-7--0.7)	0 (0-0)	0 (0-0)	-43.2 (-66.2--7.8)	0 (0-0)	0 (0-0)	3 (-0.5-8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	139	141	127	124
American Samoa	0 (0-0.1)	0 (0-0.1)	-0.8 (-24.9-4.1)	0 (0-0.1)	0 (0-0)	-15.1 (-32.7--9.4)	0 (0-0)	0 (0-0)	49.7 (-20.4-131)	0 (0-0)	0 (0-0)	-14.4 (-30.6--7)	0 (0-0)	0 (0-0)	-37.3 (-73.7-49.5)	0 (0-0)	0 (0-0)	-2.1 (-28.9-4.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	131	132	121	106
Cook Islands	0 (0-0.1)	0 (0-0.1)	-1.4 (-27.3-5.1)	0 (0-0)	0 (0-0)	-22.2 (-53.6--16.2)	0 (0-0)	0 (0-0)	-37 (-60.7--1.9)	0 (0-0)	0 (0-0)	-19.2 (-40.1--13.5)	0 (0-0)	0 (0-0)	-87.1 (-97.1--57.2)	0 (0-0)	0 (0-0)	-0.3 (-7.2-5.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	132	131	110	93
Fiji	0.1 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	-11.3 (-14.9--4.6)	0 (0-0)	0 (0-0)	-10.2 (-37.3-29.8)	0 (0-0)	0 (0-0)	-9.8 (-11.1--8.4)	0 (0-0)	0 (0-0)	-6.9 (-60.9-137)	0 (0-0)	0 (0-0)	-0.2 (-5.4-4.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	133	116	114
Guam	0 (0-0.1)	0 (0-0.1)	0 (-0.6-0.1)	0 (0-0.1)	0 (0-0)	-11.8 (-15.3--7.9)	0 (0-0)	0 (0-0)	-48.4 (-66.3-7.6)	0 (0-0)	0 (0-0)	-10.5 (-13.5--8.3)	0 (0-0)	0 (0-0)	-59.4 (-82.8--8.3)	0 (0-0)	0 (0-0)	-0.6 (-6.2-4.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	137	114	111
Kiribati	0.1 (0-0.1)	0.1 (0-0.1)	1.6 (-7.1-95.2)	0 (0-0.1)	0 (0-0)	-6.2 (-17-181)	0 (0-0)	0 (0-0)	-17.9 (-53.6-34.9)	0 (0-0)	0 (0-0)	-6.7 (-11-22.9)	0 (0-0)	0 (0-0)	-47.4 (-76.2-9.1)	0 (0-0)	0 (0-0)	0.1 (-4.3-6.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	131	131	121	119
Marshall Islands	0.1 (0-0.1)	0.1 (0-0.1)	-0.6 (-20.4-22.3)	0 (0-0.1)	0 (0-0)	-18.6 (-33.2-10.9)	0 (0-0)	0 (0-0)	-26.1 (-51.7-20.9)	0 (0-0)	0 (0-0)	-16.6 (-35.9--10.4)	0 (0-0)	0 (0-0)	-55.3 (-80.6-78.2)	0 (0-0)	0 (0-0)	-1.7 (-29.5-5.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	135	117	112
Micronesia (Federated States of)	0.1 (0-0.1)	0.1 (0-0.1)	0 (-0.1-0)	0 (0-0.1)	0 (0-0)	-18.5 (-24.2--14.8)	0 (0-0)	0 (0-0)	-30.1 (-56.2-14)	0 (0-0)	0 (0-0)	-16.2 (-24.2--9.4)	0 (0-0)	0 (0-0)	-60.6 (-79.7-43)	0 (0-0)	0 (0-0)	-0.1 (-4.6-3.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	135	113	107
Nauru	0.1 (0-0.1)	0.1 (0-0.1)	-1.5 (-47.2-6)	0 (0-0.1)	0 (0-0.1)	-8.5 (-68.4-3.1)	0 (0-0)	0 (0-0)	-38.6 (-60.9-13.8)	0 (0-0)	0 (0-0)	-9.3 (-33.4--2.9)	0 (0-0)	0 (0-0)	-51 (-77-40.1)	0 (0-0)	0 (0-0)	-1.4 (-9.7-4.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	135	119	114
Niue	0.1 (0-0.1)	0 (0-0.1)	-2.2 (-19.8-8.3)	0 (0-0)	0 (0-0)	-13.9 (-21.3--8.3)	0 (0-0)	0 (0-0)	-35.8 (-56.7--0.6)	0 (0-0)	0 (0-0)	-12.8 (-38.8--6.5)	0 (0-0)	0 (0-0)	-38.6 (-78-51.7)	0 (0-0)	0 (0-0)	-3.4 (-39.5-5.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	136	114	111

Location	Birth incidence rate (per 100,000 live births), 2000	Birth incidence rate (per 100,000 live births), 2021	Birth incidence rate (per 100,000 live births) percent change (2000-2021)	All age rate (per 100,000 population), 2000	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	All age total SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Northern Mariana Islands	0 (0-0.1)	0 (0-0.1)	0.4 (-4.1-19.6)	0 (0-0.1)	0 (0-0)	-31 (-34.9--13)	0 (0-0)	0 (0-0)	-37.7 (-61.6-15.8)	0 (0-0)	0 (0-0)	-27 (-35.7--15.5)	0 (0-0)	0 (0-0)	-58.2 (-84.1-10.4)	0 (0-0)	0 (0-0)	0.5 (-6.6-13.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	137	117	116
Palau	0.1 (0-0.1)	0.1 (0-0.1)	0.6 (-4.4-25.2)	0 (0-0)	0 (0-0)	-26.6 (-32--4.6)	0 (0-0)	0 (0-0)	-27.9 (-51.9-2.4)	0 (0-0)	0 (0-0)	-25.7 (-33.3--20.2)	0 (0-0)	0 (0-0)	-33.1 (-64.4-44.9)	0 (0-0)	0 (0-0)	-0.2 (-5.1-5.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	131	110	109
Papua New Guinea	0.1 (0-0.1)	0.1 (0-0.1)	0 (-4.7-3.6)	0 (0-0.1)	0 (0-0)	-6.6 (-12.5-4.1)	0 (0-0)	0 (0-0)	-23.1 (-54.1-13)	0 (0-0)	0 (0-0)	-6.1 (-8.2--3.9)	0 (0-0)	0 (0-0)	-43.9 (-67.7--9.7)	0 (0-0)	0 (0-0)	-0.2 (-3.8-3.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	139	124	121
Samoa	0.1 (0-0.1)	0.1 (0-0.1)	-1.4 (-27.6-1.6)	0 (0-0.1)	0 (0-0.1)	-6.3 (-27.3-2.2)	0 (0-0)	0 (0-0)	-20.7 (-58.1-31)	0 (0-0)	0 (0-0)	-6.2 (-28--2.4)	0 (0-0)	0 (0-0)	-56.6 (-82.9--2.7)	0 (0-0)	0 (0-0)	-1 (-28.2-5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	136	115	108
Solomon Islands	0.1 (0-0.1)	0.1 (0-0.1)	-1.1 (-7-1.5)	0 (0-0.1)	0 (0-0.1)	-9.5 (-15.6--4.4)	0 (0-0)	0 (0-0)	-21.6 (-52.9-30.6)	0 (0-0)	0 (0-0)	-10.8 (-29.5--5)	0 (0-0)	0 (0-0)	-57 (-78.5--10)	0 (0-0)	0 (0-0)	-2 (-23.5-3.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	137	118	116
Tokelau	0 (0-0.1)	0 (0-0.1)	0 (-9.2-15.2)	0 (0-0.1)	0 (0-0)	-13.4 (-21.1--1.1)	0 (0-0)	0 (0-0)	-38.1 (-60.7-11.9)	0 (0-0)	0 (0-0)	-9.8 (-18.8--4.6)	0 (0-0)	0 (0-0)	-70.3 (-89.7--33)	0 (0-0)	0 (0-0)	0.1 (-12.7-8.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	135	115	103
Tonga	0 (0-0.1)	0 (0-0.1)	-0.5 (-6.8-1.1)	0 (0-0.1)	0 (0-0.1)	-8.3 (-16--4.5)	0 (0-0)	0 (0-0)	-24.9 (-47.9-9.8)	0 (0-0)	0 (0-0)	-7.8 (-16.7--4.1)	0 (0-0)	0 (0-0)	-46.8 (-75.3-0.7)	0 (0-0)	0 (0-0)	-0.9 (-11.1-4.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	135	118	115
Tuvalu	0.1 (0-0.1)	0.1 (0-0.1)	0.8 (-1.1-9.5)	0 (0-0)	0 (0-0)	-8.9 (-15.4-1)	0 (0-0)	0 (0-0)	-40 (-62.1--14.5)	0 (0-0)	0 (0-0)	-9.8 (-18.9--0.5)	0 (0-0)	0 (0-0)	-61.2 (-82.1--13.5)	0 (0-0)	0 (0-0)	1.1 (-4.4-8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	135	118	111
Vanuatu	0.1 (0-0.1)	0.1 (0-0.1)	-1.5 (-28.5-1.6)	0 (0-0.1)	0 (0-0.1)	-10.1 (-32.7--2.5)	0 (0-0)	0 (0-0)	-25.9 (-53.9-15.3)	0 (0-0)	0 (0-0)	-12.1 (-34--6.1)	0 (0-0)	0 (0-0)	-57.7 (-79.4--0.3)	0 (0-0)	0 (0-0)	-2.7 (-30.9-3.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	137	117	113
Southeast Asia	0.3 (0.2-0.3)	0.3 (0.2-0.3)	1.8 (-0.7-7.2)	0 (0-0.1)	0 (0-0.1)	-22.1 (-25.4--18.2)	0 (0-0)	0 (0-0)	-56.9 (-70.9--41.8)	0 (0-0)	0 (0-0)	-23.1 (-26.4--17.5)	0 (0-0)	0 (0-0)	-50.6 (-72.1--17.3)	0 (0-0)	0 (0-0)	2.8 (-1.1-11.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	132	136	123	113
Cambodia	0.3 (0.2-0.4)	0.3 (0.2-0.4)	2.7 (-4.2-25.4)	0 (0-0.1)	0 (0-0.1)	-21.3 (-29.7-3.1)	0 (0-0)	0 (0-0)	-59.4 (-77.8--22.9)	0 (0-0)	0 (0-0)	-22.4 (-30.4-19.3)	0 (0-0)	0 (0-0)	-62 (-81--2.4)	0 (0-0.1)	0 (0-0.1)	3.4 (-10.1-62.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	138	138	123	107
Indonesia	0.3 (0.2-0.4)	0.3 (0.2-0.4)	3 (-0.7-15.5)	0 (0-0.1)	0 (0-0.1)	-23.6 (-27.8--18.8)	0 (0-0)	0 (0-0)	-55.2 (-73.6--31.3)	0 (0-0)	0 (0-0)	-24.5 (-28.9--14.3)	0 (0-0)	0 (0-0)	-42.6 (-66.2--1.8)	0 (0-0)	0 (0-0)	4 (-1.1-21.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	130	122	109
Aceh	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.6 (-6-18.6)	0 (0-0.1)	0 (0-0.1)	-20.9 (-29.5--12.2)	0 (0-0)	0 (0-0)	-55.3 (-79.6--8.8)	0 (0-0)	0 (0-0)	-22.6 (-28--2.1)	0 (0-0)	0 (0-0)	-53.2 (-81.2-34.2)	0 (0-0.1)	0 (0-0.1)	1.5 (-6.7-34.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	130	121	106
Bali	0.3 (0.2-0.3)	0.3 (0.2-0.4)	1.2 (-2.4-39.6)	0 (0-0.1)	0 (0-0.1)	-27 (-32.6--14.9)	0 (0-0)	0 (0-0)	-65 (-81.3--39.7)	0 (0-0)	0 (0-0)	-27.7 (-32.5--8.5)	0 (0-0)	0 (0-0)	-56.6 (-79.2--7.9)	0 (0-0)	0 (0-0)	1.9 (-5.8-37.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	133	106	103
Bangka-Belitung Islands	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.9 (-17-24.4)	0 (0-0.1)	0 (0-0.1)	-26.4 (-32.7--16.4)	0 (0-0)	0 (0-0)	-49.6 (-72.9--19.3)	0 (0-0)	0 (0-0)	-27.8 (-37.8--6.8)	0 (0-0)	0 (0-0)	-20.3 (-56.6-68.7)	0 (0-0.1)	0 (0-0.1)	1.7 (-16.3-36.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	129	112	110
Banten	0.3 (0.2-0.4)	0.3 (0.2-0.4)	3 (-3.6-40.7)	0 (0-0.1)	0 (0-0.1)	-21 (-27.7--6.7)	0 (0-0)	0 (0-0)	-63.6 (-81.1--37.3)	0 (0-0)	0 (0-0)	-21.7 (-26-7.2)	0 (0-0)	0 (0-0)	-58.1 (-80.3--5.8)	0 (0-0.1)	0 (0-0.1)	3.5 (-5.1-48.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	129	118	106
Bengkulu	0.3 (0.2-0.4)	0.3 (0.2-0.4)	2.7 (-4.5-61.7)	0 (0-0.1)	0 (0-0.1)	-24.2 (-31.7--1.3)	0 (0-0)	0 (0-0)	-63.3 (-82.4--27.7)	0 (0-0)	0 (0-0)	-25.4 (-29.4-2.5)	0 (0-0)	0 (0-0)	-54.4 (-79.7-10)	0 (0-0.1)	0 (0-0.1)	2.8 (-4.6-48.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	129	120	109
Gorontalo	0.3 (0.2-0.4)	0.3 (0.2-0.4)	2.1 (-2.5-20.6)	0 (0-0.1)	0 (0-0.1)	-22.1 (-29.2--12.3)	0 (0-0)	0 (0-0)	-39.4 (-70.8-13.9)	0 (0-0)	0 (0-0)	-27.4 (-32.5--3.9)	0 (0-0)	0 (0-0)	-36.7 (-70.4-46.4)	0 (0-0.1)	0 (0-0.1)	2.1 (-5.7-41.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	123	125	117	109
Jakarta	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.9 (-10.6-29.4)	0 (0-0.1)	0 (0-0.1)	-22.5 (-29.6--15)	0 (0-0)	0 (0-0)	-62.2 (-77.3--37.2)	0 (0-0)	0 (0-0)	-22.9 (-33.5-6.6)	0 (0-0)	0 (0-0)	-54.6 (-74.7--11.6)	0 (0-0)	0 (0-0)	1.6 (-15.8-51.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	129	117	108
Jambi	0.3 (0.2-0.4)	0.3 (0.2-0.4)	2.7 (-4.4-37.3)	0 (0-0.1)	0 (0-0.1)	-24.4 (-32.1--10)	0 (0-0)	0 (0-0)	-58.4 (-76.6--29.5)	0 (0-0)	0 (0-0)	-25.3 (-29.7-1.6)	0 (0-0)	0 (0-0)	-42.5 (-73.5-28.7)	0 (0-0)	0 (0-0)	3.7 (-3.6-51)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	130	132	119	107
West Java	0.3 (0.2-0.4)	0.3 (0.2-0.4)	4 (-4.1-54.9)	0 (0-0.1)	0 (0-0.1)	-23.9 (-29.9--6.3)	0 (0-0)	0 (0-0)	-56.1 (-74.8--23.9)	0 (0-0)	0 (0-0)	-26.2 (-31.7-6.3)	0 (0-0)	0 (0-0)	-45.5 (-70.6-22.8)	0 (0-0.1)	0 (0-0.1)	4.7 (-5.2-62.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	128	116	103
Central Java	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.4 (-5.8-36.6)	0 (0-0.1)	0 (0-0.1)	-26.9 (-34.3--15.2)	0 (0-0)	0 (0-0)	-59.5 (-78.6--30.6)	0 (0-0)	0 (0-0)	-28.9 (-38.5--3.1)	0 (0-0)	0 (0-0)	-46.2 (-73.5-32.5)	0 (0-0)	0 (0-0)	1.9 (-14.2-50.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	129	115	102
East Java	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.3 (-3.9-11.9)	0 (0-0.1)	0 (0-0)	-25.7 (-31.9--17.9)	0 (0-0)	0 (0-0)	-54.5 (-77.5--32.8)	0 (0-0)	0 (0-0)	-27.3 (-32--7.1)	0 (0-0)	0 (0-0)	-47.3 (-75.3-6.1)	0 (0-0)	0 (0-0)	1.7 (-7-36.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	129	113	102
West Kalimantan	0.3 (0.2-0.4)	0.3 (0.2-0.4)	3.9 (-1.2-43.7)	0 (0-0.1)	0 (0-0.1)	-22.9 (-29.5--5.8)	0 (0-0)	0 (0-0)	-59.5 (-77.4--12.3)	0 (0-0)	0 (0-0)	-24.1 (-29.3-17.2)	0 (0-0)	0 (0-0)	-47.4 (-75.8-44.5)	0 (0-0.1)	0 (0-0.1)	4.5 (-4.8-72.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	131	122	114
South Kalimantan	0.3 (0.2-0.4)	0.3 (0.2-0.4)	2.6 (-2.8-36.1)	0 (0-0.1)	0 (0-0.1)	-26.5 (-33.2--13.4)	0 (0-0)	0 (0-0)	-60.4 (-77.8--33.1)	0 (0-0)	0 (0-0)	-28.5 (-33--4.6)	0 (0-0)	0 (0-0)	-51.1 (-73.2-31.6)	0 (0-0.1)	0 (0-0.1)	3.1 (-4.5-45.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	131	120	107
Central Kalimantan	0.3 (0.2-0.4)	0.3 (0.2-0.4)	2.3 (-2.2-40)	0 (0-0.1)	0 (0-0.1)	-24.8 (-31--12.6)	0 (0-0)	0 (0-0)	-48.9 (-69.9--13)	0 (0-0)	0 (0-0)	-26.5 (-30.9--1.2)	0 (0-0)	0 (0-0)	-25.3 (-62.4-56.2)	0 (0-0.1)	0 (0-0.1)	2.4 (-4.9-44.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	129	116	111
East Kalimantan	0.3 (0.2-0.4)	0.3 (0.2-0.4)	2.4 (-2.6-30.7)	0 (0-0.1)	0 (0-0.1)	-19.7 (-24.7--8.1)	0 (0-0)	0 (0-0)	-58.5 (-74.9--33.3)	0 (0-0)	0 (0-0)	-19.6 (-23.9-8.7)	0 (0-0)	0 (0-0)	-53 (-77.2--1.6)	0 (0-0)	0 (0-0)	3 (-5.4-48.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	130	131	115	108
North Kalimantan	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.7 (-5.4-19.4)	0.1 (0-0.1)	0 (0-0.1)	-24.7 (-33--16.4)	0 (0-0)	0 (0-0)	-64.8 (-77.8--34.5)	0 (0-0)	0 (0-0)	-30.5 (-34.9--11)	0 (0-0)	0 (0-0)	-47.1 (-70.6-24.4)	0 (0-0.1)	0 (0-0.1)	1 (-6.7-37.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	128	118	111
Riau Islands	0.3 (0.2-0.4)	0.3 (0.2-0.4)	2.9 (-4-32.9)	0 (0-0.1)	0 (0-0.1)	-15.9 (-22.8--2.6)	0 (0-0)	0 (0-0)	-64 (-79.2--23.4)	0 (0-0)	0 (0-0)	-12.5 (-17.2-17)	0 (0-0)	0 (0-0)	-60.6 (-78.5--1.8)	0 (0-0)	0 (0-0.1)	2.6 (-6.4-43.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	128	116	108

Location	Birth incidence rate (per 100,000 live births), 2000	Birth incidence rate (per 100,000 live births), 2021	Birth incidence rate (per 100,000 live births) percent change (2000-2021)	All age rate (per 100,000 population), 2000	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	All age total SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Lampung	0.3 (0.2-0.4)	0.3 (0.2-0.4)	3 (-8.3-32.3)	0 (0-0.1)	0 (0-0.1)	-28.2 (-35.5--16.5)	0 (0-0)	0 (0-0)	-47.8 (-68.1--5.8)	0 (0-0)	0 (0-0)	-29.2 (-34.1--2.1)	0 (0-0)	0 (0-0)	-18.7 (-55.3-102)	0 (0-0.1)	0 (0-0.1)	3.3 (-5.4-50.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	129	113	110
Maluku	0.3 (0.2-0.4)	0.3 (0.2-0.4)	2.8 (-8.5-35.5)	0 (0-0.1)	0 (0-0.1)	-19.9 (-28.5--4.6)	0 (0-0)	0 (0-0)	-62.8 (-80.6--10.5)	0 (0-0)	0 (0-0)	-22.7 (-27.5-11.8)	0 (0-0)	0 (0-0)	-54 (-76.5-23.6)	0 (0-0.1)	0 (0-0.1)	2.4 (-5.8-55.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	130	124	110
North Maluku	0.3 (0.2-0.4)	0.3 (0.2-0.4)	2.1 (-4.7-57.7)	0 (0-0.1)	0 (0-0.1)	-25.6 (-34--3.5)	0 (0-0)	0 (0-0)	-53 (-71.7--6.8)	0 (0-0)	0 (0-0)	-28.6 (-32.8--6.9)	0 (0-0)	0 (0-0)	-30.9 (-66.1-73.3)	0 (0-0.1)	0 (0-0.1)	1.7 (-4.9-39.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	129	121	115
West Nusa Tenggara	0.3 (0.2-0.4)	0.3 (0.2-0.4)	3.2 (-1.8-38.1)	0 (0-0.1)	0 (0-0.1)	-22.4 (-29--3.8)	0 (0-0)	0 (0-0)	-58.7 (-85.7--23.3)	0 (0-0)	0 (0-0)	-23.3 (-27.7-7.7)	0 (0-0)	0 (0-0)	-55.6 (-81.3-29.1)	0 (0-0.1)	0 (0-0.1)	3.5 (-4.6-54.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	131	131	117	101
East Nusa Tenggara	0.3 (0.2-0.4)	0.3 (0.2-0.4)	2.7 (-7.2-52.4)	0 (0-0.1)	0 (0-0.1)	-20.1 (-28.2-1.3)	0 (0-0)	0 (0-0)	-54.5 (-76.7--12.4)	0 (0-0)	0 (0-0)	-23.6 (-28.3-2.2)	0 (0-0)	0 (0-0)	-46.5 (-74.3-38.3)	0 (0-0.1)	0 (0-0.1)	2.6 (-4.4-46)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	128	116	111
Papua	0.3 (0.2-0.4)	0.3 (0.2-0.4)	2.4 (-4.2-51.3)	0.1 (0-0.1)	0 (0-0.1)	-19.8 (-28.2-3.5)	0 (0-0)	0 (0-0)	-40.7 (-64.7-6.6)	0 (0-0)	0 (0-0)	-21.9 (-25.9-4.3)	0 (0-0)	0 (0-0)	-15.8 (-53.7-75.1)	0 (0-0.1)	0 (0-0.1)	1.8 (-5-40.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	131	122	122
West Papua	0.3 (0.2-0.4)	0.3 (0.2-0.4)	2.9 (-6.4-83.9)	0.1 (0-0.1)	0 (0-0.1)	-20.9 (-30.3-14.5)	0 (0-0)	0 (0-0)	-51.5 (-74.1--2.2)	0 (0-0)	0 (0-0)	-21.1 (-25.5-11.6)	0 (0-0)	0 (0-0)	-26 (-65.5-74)	0 (0-0.1)	0 (0-0.1)	3.3 (-4.8-53.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	131	117	115
Riau	0.3 (0.2-0.4)	0.3 (0.2-0.4)	2.6 (-1.4-30.1)	0.1 (0-0.1)	0 (0-0.1)	-19.5 (-25--6)	0 (0-0)	0 (0-0)	-68.1 (-81.7--48.2)	0 (0-0)	0 (0-0)	-20.5 (-24.8-8.1)	0 (0-0)	0 (0-0)	-63.8 (-81.4--34)	0 (0-0)	0 (0-0.1)	3 (-4.5-51.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	132	122	106
West Sulawesi	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.9 (-0.9-22.9)	0 (0-0.1)	0 (0-0.1)	-24.2 (-31.8--13.5)	0 (0-0)	0 (0-0)	-54.4 (-72--14.2)	0 (0-0)	0 (0-0)	-28.3 (-32.3--12)	0 (0-0)	0 (0-0)	-33.9 (-66.4-96.6)	0 (0-0.1)	0 (0-0.1)	1.8 (-3.8-28.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	129	119	114
South Sulawesi	0.3 (0.2-0.4)	0.3 (0.2-0.4)	2.8 (-4.8-50.7)	0 (0-0.1)	0 (0-0.1)	-25.2 (-33--7.7)	0 (0-0)	0 (0-0)	-51.8 (-73.3--11.6)	0 (0-0)	0 (0-0)	-27.5 (-32.5--4)	0 (0-0)	0 (0-0)	-40.3 (-69.4-48.1)	0 (0-0)	0 (0-0)	3.2 (-5.2-42.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	131	133	114	101
Central Sulawesi	0.3 (0.2-0.4)	0.3 (0.2-0.4)	2.7 (-3.1-43.5)	0 (0-0.1)	0 (0-0.1)	-25.5 (-34.1--8.7)	0 (0-0)	0 (0-0)	-54.7 (-73.8--24.4)	0 (0-0)	0 (0-0)	-28.4 (-33.6--2.4)	0 (0-0)	0 (0-0)	-37 (-65.3-54.3)	0 (0-0.1)	0 (0-0.1)	2.7 (-5.9-46.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	131	119	115
Southeast Sulawesi	0.3 (0.2-0.4)	0.3 (0.2-0.4)	2.2 (-2.6-34.3)	0 (0-0.1)	0 (0-0.1)	-22.7 (-29.1--10.4)	0 (0-0)	0 (0-0)	-44.4 (-61.1--14.1)	0 (0-0)	0 (0-0)	-24.7 (-28.8--1.8)	0 (0-0)	0 (0-0)	-15.5 (-52.1-58.5)	0 (0-0.1)	0 (0-0.1)	1.9 (-6.1-40)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	128	117	116
North Sulawesi	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.3 (-7.1-15.9)	0 (0-0.1)	0 (0-0.1)	-29.4 (-36--23.6)	0 (0-0)	0 (0-0)	-47.4 (-67--14.1)	0 (0-0)	0 (0-0)	-32.5 (-37.4--17.4)	0 (0-0)	0 (0-0)	11.9 (-34.5-86.5)	0 (0-0)	0 (0-0)	1.1 (-7.2-29.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	128	108	114
West Sumatra	0.3 (0.2-0.4)	0.3 (0.2-0.4)	0.8 (-4.7-22.9)	0 (0-0.1)	0 (0-0.1)	-23.9 (-32.5--15)	0 (0-0)	0 (0-0)	-65.6 (-83--36)	0 (0-0)	0 (0-0)	-27.4 (-41.9--4.5)	0 (0-0)	0 (0-0)	-59.4 (-82-4.5)	0 (0-0.1)	0 (0-0.1)	0.6 (-22.4-40.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	123	128	117	105
South Sumatra	0.3 (0.2-0.4)	0.3 (0.2-0.4)	2.2 (-7.2-22.8)	0 (0-0.1)	0 (0-0.1)	-25.5 (-37.3--15.9)	0 (0-0)	0 (0-0)	-59.4 (-76.7--21.8)	0 (0-0)	0 (0-0)	-26.4 (-34.9--2.6)	0 (0-0)	0 (0-0)	-51.1 (-73-11.5)	0 (0-0.1)	0 (0-0.1)	2.3 (-10.9-45.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	127	117	106
North Sumatra	0.3 (0.2-0.4)	0.3 (0.2-0.4)	2.3 (-2.9-24)	0 (0-0.1)	0 (0-0.1)	-22.9 (-30.4--11.5)	0 (0-0)	0 (0-0)	-42.6 (-65.9--12.9)	0 (0-0)	0 (0-0)	-24.6 (-29.4-0.3)	0 (0-0)	0 (0-0)	-16.9 (-51.2-52.2)	0 (0-0.1)	0 (0-0.1)	2.3 (-7.6-44)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	123	126	113	112
Yogyakarta	0.2 (0.2-0.3)	0.3 (0.2-0.3)	1.9 (-3.6-19.6)	0 (0-0.1)	0 (0-0.1)	-22 (-27.7-1.2)	0 (0-0)	0 (0-0)	-41 (-64.2--6.1)	0 (0-0)	0 (0-0)	-22.1 (-26.4--3.1)	0 (0-0)	0 (0-0)	-35.2 (-65.3-31.3)	0 (0-0)	0 (0-0)	2.2 (-6.2-37.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	130	103	99
Lao People's Democratic Republic	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.4 (-2.8-35.9)	0 (0-0.1)	0 (0-0.1)	-22.4 (-28.5--2.4)	0 (0-0)	0 (0-0)	-64.3 (-78.8--23.1)	0 (0-0)	0 (0-0)	-24.9 (-27.4-1.3)	0 (0-0)	0 (0-0)	-63.8 (-80.3--8.4)	0 (0-0.1)	0 (0-0.1)	1.8 (-5.4-41.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	136	121	110
Malaysia	0.2 (0.2-0.3)	0.2 (0.2-0.3)	1.1 (-7.1-12.9)	0 (0-0.1)	0 (0-0.1)	-21.2 (-28--14.1)	0 (0-0)	0 (0-0)	-36.9 (-61.7-9.8)	0 (0-0)	0 (0-0)	-24 (-33.4-9)	0 (0-0)	0 (0-0)	-60.6 (-80.6--28.3)	0 (0-0)	0 (0-0)	1.8 (-14.5-56.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	135	98	93
Maldives	0.2 (0.2-0.3)	0.3 (0.2-0.3)	1.5 (-1.6-22.7)	0 (0-0.1)	0 (0-0.1)	-33.7 (-42.2--21)	0 (0-0)	0 (0-0)	-61.1 (-79.6--40.9)	0 (0-0)	0 (0-0)	-38.4 (-43.8--19.5)	0 (0-0)	0 (0-0)	-66.1 (-81.4--18.5)	0 (0-0)	0 (0-0)	1.5 (-8.3-38.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	132	132	102	84
Mauritius	0.2 (0.2-0.3)	0.2 (0.2-0.3)	1.4 (-5.7-34.9)	0 (0-0.1)	0 (0-0.1)	-31.3 (-37.9--17.7)	0.3 (0.3-0.3)	0.1 (0.1-0.1)	-69.5 (-73.6--65.2)	0 (0-0)	0 (0-0)	-33.6 (-40.7--15.3)	0.2 (0.2-0.3)	0.1 (0-0.1)	-78.1 (-84.7--71.1)	0 (0-0)	0 (0-0)	2.5 (-12.1-41.7)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	49	73	89	87
Myanmar	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.5 (-1.1-14.1)	0 (0-0.1)	0 (0-0.1)	-19.7 (-26.7-4.5)	0 (0-0)	0 (0-0)	-67 (-79.4--35.8)	0 (0-0)	0 (0-0)	-22.1 (-26.1--0.4)	0 (0-0)	0 (0-0)	-64.5 (-79.6--9.3)	0 (0-0.1)	0 (0-0.1)	1.5 (-3.8-33.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	137	123	115
Philippines	0.3 (0.2-0.3)	0.3 (0.2-0.3)	1.1 (-0.5-8.8)	0.1 (0-0.1)	0 (0-0.1)	-15.1 (-17.4--11)	0 (0-0)	0 (0-0)	-42.3 (-68.1--8.2)	0 (0-0)	0 (0-0)	-16 (-18.3--10.2)	0 (0-0)	0 (0-0)	-54.9 (-81.4--11.7)	0 (0-0)	0 (0-0)	1.2 (-1.2-9.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	131	115	112
Abra	0.2 (0.2-0.3)	0.2 (0.2-0.3)	1.6 (-8.5-33.6)	0.1 (0-0.1)	0 (0-0.1)	-16.9 (-27.6--1.4)	0 (0-0)	0 (0-0)	-4.3 (-53.7-62.7)	0 (0-0)	0 (0-0)	-17.7 (-26.1-8.2)	0 (0-0)	0 (0-0)	-54.8 (-82.1-6.3)	0 (0-0)	0 (0-0)	1.8 (-9.8-43.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	130	132	105	96
Agusan Del Norte	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.7 (-1.7-16.4)	0 (0-0.1)	0 (0-0.1)	-14.5 (-20.6--5.8)	0 (0-0)	0 (0-0)	-63 (-82.4--39.2)	0 (0-0)	0 (0-0)	-15 (-18-12.8)	0 (0-0)	0 (0-0)	-62.4 (-83.2--30)	0 (0-0)	0 (0-0.1)	1.8 (-6.3-43.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	127	118	107
Agusan Del Sur	0.3 (0.2-0.4)	0.3 (0.2-0.4)	0.9 (-2.5-30.6)	0.1 (0-0.1)	0 (0-0.1)	-17 (-23.1--4.2)	0 (0-0)	0 (0-0)	-6.4 (-48.8-54.9)	0 (0-0)	0 (0-0)	-18.4 (-29.9-11.3)	0 (0-0)	0 (0-0)	-8.2 (-63.7-113)	0 (0-0.1)	0 (0-0.1)	0.4 (-16-41.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	130	133	118	118
Akian	0.3 (0.2-0.3)	0.3 (0.2-0.3)	1.7 (-5.1-35)	0 (0-0.1)	0 (0-0.1)	-12.2 (-17.7-6.5)	0 (0-0)	0 (0-0)	-21.9 (-61.8-29.8)	0 (0-0)	0 (0-0)	-11.3 (-14-16.8)	0 (0-0)	0 (0-0)	-37.2 (-74.8-35)	0 (0-0)	0 (0-0)	2.3 (-5.3-40.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	128	111	111
Albay	0.3 (0.2-0.3)	0.3 (0.2-0.3)	0.5 (-0.6-10)	0.1 (0-0.1)	0 (0-0.1)	-16.1 (-20.4--10.1)	0 (0-0)	0 (0-0)	-50.1 (-72.8--20.2)	0 (0-0)	0 (0-0)	-17.3 (-19.3--5.3)	0 (0-0)	0 (0-0)	-59 (-83.7--14.1)	0 (0-0)	0 (0-0)	0.6 (-5.4-17.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	128	108	100
Antique	0.3 (0.2-0.3)	0.3 (0.2-0.4)	1.5 (-2.1-30.6)	0.1 (0-0.1)	0 (0-0.1)	-13 (-19.4-3.6)	0 (0-0)	0 (0-0)	-38.3 (-70.1-7.4)	0 (0-0)	0 (0-0)	-13.6 (-16.7-15.7)	0 (0-0)	0 (0-0)	-60.6 (-86.7--9.8)	0 (0-0)	0 (0-0)	1.8 (-5.6-41.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	128	114	103

Location	Birth incidence rate (per 100,000 live births), 2000	Birth incidence rate (per 100,000 live births), 2021	Birth incidence rate (per 100,000 live births) percent change (2000-2021)	All age rate (per 100,000 population), 2000	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	All age total SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Apayao	0.3 (0.2-0.4)	0.3 (0.2-0.4)	0.8 (-7.7-16)	0.1 (0-0.1)	0 (0-0.1)	-22.1 (-28.6--13.9)	0 (0-0)	0 (0-0)	-49.3 (-76.4--9.7)	0 (0-0)	0 (0-0)	-24.4 (-34.1-2.5)	0 (0-0)	0 (0-0)	-63.2 (-85.9-19.4)	0 (0-0.1)	0 (0-0.1)	0.5 (-14.3-44.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	127	117	109
Aurora	0.3 (0.2-0.3)	0.3 (0.2-0.4)	1.5 (-2.5-18.7)	0.1 (0-0.1)	0 (0-0.1)	-17.1 (-22.9--6.2)	0 (0-0)	0 (0-0)	-50.6 (-77.6--9.5)	0 (0-0)	0 (0-0)	-17.4 (-21.1-11.5)	0 (0-0)	0 (0-0)	-74.6 (-90.8--38.5)	0 (0-0)	0 (0-0)	1.5 (-4.9-44.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	127	119	100
Basilan	0.3 (0.2-0.3)	0.3 (0.2-0.3)	1.1 (-2.9-28.9)	0.1 (0-0.1)	0.1 (0-0.1)	-11.5 (-16.5-2.1)	0 (0-0)	0 (0-0)	-50.9 (-78.8--5.2)	0 (0-0)	0 (0-0)	-12.5 (-15.2-6.2)	0 (0-0)	0 (0-0)	-62.3 (-86.4-9.3)	0 (0-0)	0 (0-0)	1.2 (-6.6-28)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	130	105	93
Bataan	0.3 (0.2-0.3)	0.3 (0.2-0.3)	1.2 (-12.5-42)	0.1 (0-0.1)	0 (0-0.1)	-17.8 (-26.3--0.1)	0 (0-0)	0 (0-0)	-24.5 (-62.2-37.1)	0 (0-0)	0 (0-0)	-18 (-20.8-7.6)	0 (0-0)	0 (0-0)	-28.8 (-73.8-80.2)	0 (0-0)	0 (0-0)	1.4 (-5.2-40.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	129	111	111
Batanes	0.3 (0.2-0.3)	0.3 (0.2-0.3)	0.7 (-3.6-22.5)	0 (0-0.1)	0 (0-0.1)	-21.7 (-26.8--11.8)	0 (0-0)	0 (0-0)	-44.7 (-73.4-2)	0 (0-0)	0 (0-0)	-23.1 (-27--16.6)	0 (0-0)	0 (0-0)	-58.9 (-83.6-4.9)	0 (0-0)	0 (0-0)	0.4 (-7.4-10.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	127	106	97
Batangas	0.2 (0.2-0.3)	0.3 (0.2-0.3)	0.8 (-11.4-14.2)	0.1 (0-0.1)	0 (0-0.1)	-14 (-20.8--5.9)	0 (0-0)	0 (0-0)	-41 (-70.2--2.1)	0 (0-0)	0 (0-0)	-14 (-24.9-7.7)	0 (0-0)	0 (0-0)	-63.1 (-83.5--1.9)	0 (0-0)	0 (0-0)	1.1 (-14.7-31.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	129	109	98
Benguet	0.2 (0.2-0.3)	0.2 (0.2-0.3)	0.7 (-8.4-24)	0.1 (0-0.1)	0 (0-0.1)	-13.8 (-21.3--1.5)	0 (0-0)	0 (0-0)	-67.9 (-83.2--43.2)	0 (0-0)	0 (0-0)	-13.6 (-22.4-9.7)	0 (0-0)	0 (0-0)	-80.6 (-92.1--55)	0 (0-0)	0 (0-0)	1.1 (-11-35.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	130	113	94
Biliran	0.2 (0.2-0.3)	0.2 (0.2-0.3)	0.8 (-3.3-34.2)	0.1 (0-0.1)	0 (0-0.1)	-14.1 (-20.3-4.3)	0 (0-0)	0 (0-0)	-19.7 (-57.2-33.7)	0 (0-0)	0 (0-0)	-13.7 (-16.4--4.8)	0 (0-0)	0 (0-0)	-59.2 (-83.4--12.7)	0 (0-0)	0 (0-0)	1 (-7.1-19)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	123	130	105	95
Bohol	0.3 (0.2-0.3)	0.3 (0.2-0.3)	1.6 (-3.4-40.3)	0.1 (0-0.1)	0 (0-0.1)	-19.7 (-28.7--2.1)	0 (0-0)	0 (0-0)	-29.7 (-64-24.9)	0 (0-0)	0 (0-0)	-22 (-25.7-5.2)	0 (0-0)	0 (0-0)	-42.8 (-78-16.4)	0 (0-0)	0 (0-0)	1.7 (-5.1-44.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	130	131	111	111
Bukidnon	0.3 (0.2-0.4)	0.3 (0.2-0.4)	2.1 (-10.7-23.6)	0.1 (0-0.1)	0 (0-0.1)	-19.5 (-30.1--8.8)	0 (0-0)	0 (0-0)	-24.5 (-64.7-39.3)	0 (0-0)	0 (0-0)	-21 (-30-11)	0 (0-0)	0 (0-0)	-27.2 (-73.4-72.8)	0 (0-0.1)	0 (0-0.1)	2.1 (-12.8-49.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	130	115	118
Bulacan	0.3 (0.2-0.3)	0.3 (0.2-0.3)	0.9 (-3.5-39.8)	0.1 (0-0.1)	0 (0-0.1)	-18.3 (-24--4)	0 (0-0)	0 (0-0)	-22.8 (-61.6-26)	0 (0-0)	0 (0-0)	-20 (-23--2.5)	0 (0-0)	0 (0-0)	-45.8 (-75.9-32.4)	0 (0-0)	0 (0-0)	1.2 (-5.5-30.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	132	107	103
Cagayan	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.2 (-6.1-8.6)	0 (0-0.1)	0 (0-0.1)	-18.3 (-24.2--10)	0 (0-0)	0 (0-0)	-43.1 (-73.2--3.4)	0 (0-0)	0 (0-0)	-19.2 (-28.6-5.8)	0 (0-0)	0 (0-0)	-56.9 (-84.7--7.5)	0 (0-0)	0 (0-0)	1.3 (-13-37.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	127	117	112
Camarines Norte	0.3 (0.2-0.3)	0.3 (0.2-0.4)	1.1 (-1.8-23.7)	0.1 (0-0.1)	0 (0-0.1)	-14.8 (-19.1--6.3)	0 (0-0)	0 (0-0)	-5.5 (-48.9-67.7)	0 (0-0)	0 (0-0)	-15.4 (-18-8.2)	0 (0-0)	0 (0-0)	-5.8 (-63.3-97.5)	0 (0-0)	0 (0-0)	1.1 (-6.8-36.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	127	105	110
Camarines Sur	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.1 (-1.6-10.2)	0.1 (0-0.1)	0 (0-0.1)	-13.3 (-18.9--4.7)	0 (0-0)	0 (0-0)	-36.6 (-71.5-9.2)	0 (0-0)	0 (0-0)	-14.7 (-17.1-4.8)	0 (0-0)	0 (0-0)	-49.9 (-80.2-16)	0 (0-0)	0 (0-0)	1 (-4.7-29.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	128	116	114
Camiguin	0.2 (0.2-0.3)	0.2 (0.2-0.3)	1.2 (-4.7-47.3)	0.1 (0-0.1)	0 (0-0.1)	-12.8 (-17.8-3.6)	0 (0-0)	0 (0-0)	-40.4 (-74.4-9.8)	0 (0-0)	0 (0-0)	-11.8 (-22.9-21.6)	0 (0-0)	0 (0-0)	-75.2 (-92.6--16.3)	0 (0-0)	0 (0-0)	2.1 (-11.1-47.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	127	107	91
Capiz	0.3 (0.2-0.3)	0.3 (0.2-0.4)	2.4 (-0.6-24.6)	0 (0-0.1)	0 (0-0.1)	-16 (-20.3--4.8)	0 (0-0)	0 (0-0)	-40.4 (-68.1-3.3)	0 (0-0)	0 (0-0)	-16.1 (-19.9-12.1)	0 (0-0)	0 (0-0)	-46 (-81.2-12.6)	0 (0-0)	0 (0-0)	3.2 (-6.2-46.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	130	113	112
Catanduanes	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.9 (-4.6-23.2)	0.1 (0-0.1)	0 (0-0.1)	-15.9 (-22.8--6)	0 (0-0)	0 (0-0)	-30.4 (-61.4-12.7)	0 (0-0)	0 (0-0)	-17 (-25.7-11.1)	0 (0-0)	0 (0-0)	-31 (-70-39.8)	0 (0-0.1)	0 (0-0.1)	1.7 (-8.7-40)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	125	117	117
Cavite	0.2 (0.2-0.3)	0.3 (0.2-0.3)	2 (-4.1-43.6)	0.1 (0-0.1)	0 (0-0.1)	-15.9 (-21.6-4.9)	0 (0-0)	0 (0-0)	-20.3 (-60.3-40.4)	0 (0-0)	0 (0-0)	-16.5 (-20.3-16)	0 (0-0)	0 (0-0)	-44 (-79.5-27)	0 (0-0)	0 (0-0)	2.6 (-6.8-52.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	130	107	99
Cebu	0.3 (0.2-0.3)	0.3 (0.2-0.3)	1.1 (-3.9-40.5)	0 (0-0.1)	0 (0-0.1)	-10.5 (-16.8-12.1)	0 (0-0)	0 (0-0)	-50.8 (-77.6--13.1)	0 (0-0)	0 (0-0)	-9.5 (-11.4-18.7)	0 (0-0)	0 (0-0)	-72.3 (-90.4--24.9)	0 (0-0)	0 (0-0)	1.5 (-5.8-44.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	129	116	101
Cotabato (North Cotabato)	0.3 (0.2-0.3)	0.3 (0.2-0.4)	1.2 (-10.2-8.1)	0.1 (0-0.1)	0 (0-0.1)	-12.2 (-18.7--8)	0 (0-0)	0 (0-0)	-33.8 (-66.9-19.2)	0 (0-0)	0 (0-0)	-11.8 (-17.5-17.8)	0 (0-0)	0 (0-0)	-58.2 (-84.8-9.3)	0 (0-0)	0 (0-0)	1.6 (-9.9-42.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	129	114	112
Davao de Oro	0.3 (0.2-0.3)	0.3 (0.2-0.3)	0.3 (-5.5-22.5)	0.1 (0-0.1)	0 (0-0.1)	-18.2 (-24.2--10.9)	0 (0-0)	0 (0-0)	-7.4 (-54.5-53.6)	0 (0-0)	0 (0-0)	-18.6 (-24--4.8)	0 (0-0)	0 (0-0)	-30.7 (-72.2-70.6)	0 (0-0)	0 (0-0)	0.9 (-7.2-23)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	131	112	112
Davao Del Norte	0.3 (0.2-0.3)	0.3 (0.2-0.3)	1.6 (-2.4-31.9)	0.1 (0-0.1)	0 (0-0.1)	-20.6 (-25.6--6.9)	0 (0-0)	0 (0-0)	-21.4 (-60.5-28.3)	0 (0-0)	0 (0-0)	-20.7 (-24.7-3.7)	0 (0-0)	0 (0-0)	-29.7 (-73.9-72)	0 (0-0)	0 (0-0)	2.3 (-5.1-42.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	132	112	108
Davao Del Sur	0.3 (0.2-0.3)	0.3 (0.2-0.3)	0.9 (-1.9-19.8)	0 (0-0.1)	0 (0-0.1)	-15.5 (-20.4--6.1)	0 (0-0)	0 (0-0)	-84.7 (-92.1--75)	0 (0-0)	0 (0-0)	-15.1 (-17.4-11.2)	0 (0-0)	0 (0-0)	-90.6 (-96.5--79.1)	0 (0-0)	0 (0-0)	1.1 (-5.6-38.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	129	129	118	85
Davao Occidental	0.3 (0.2-0.3)	0.3 (0.2-0.4)	1.4 (-1-28.6)	0.1 (0-0.1)	0 (0-0.1)	-14.4 (-21-0.3)	0 (0-0)	0 (0-0)	-6.6 (-56.7-54.9)	0 (0-0)	0 (0-0)	-18.5 (-23.8-9)	0 (0-0)	0 (0-0)	-29.8 (-69-46)	0 (0-0)	0 (0-0)	0.9 (-7.3-40.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	128	116	111
Davao Oriental	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.3 (-2.3-12.4)	0.1 (0-0.1)	0 (0-0.1)	-21.2 (-26.5--15.7)	0 (0-0)	0 (0-0)	-4.5 (-50.8-67.7)	0 (0-0)	0 (0-0)	-24.4 (-27.9--5.5)	0 (0-0)	0 (0-0)	-4.6 (-57.5-141)	0 (0-0)	0 (0-0)	1 (-6.5-32.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	130	113	117
Dinagat Islands	0.3 (0.2-0.3)	0.3 (0.2-0.4)	1.4 (-6.7-18.4)	0.1 (0-0.1)	0 (0-0.1)	-19.8 (-25.6--8.6)	0 (0-0)	0 (0-0)	14.4 (-41.6-112)	0 (0-0)	0 (0-0)	-21.5 (-28.8-3.1)	0 (0-0)	0 (0-0)	-41.5 (-77.2-39.8)	0 (0-0)	0 (0-0)	1.7 (-8.2-40.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	131	111	105
Eastern Samar	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.5 (-6.3-19.1)	0.1 (0-0.1)	0 (0-0.1)	-15.2 (-24--4.6)	0 (0-0)	0 (0-0)	-24.7 (-62.1-33.7)	0 (0-0)	0 (0-0)	-17.2 (-22.8-8.4)	0 (0-0)	0 (0-0)	-28.4 (-70.3-59.3)	0 (0-0.1)	0 (0-0.1)	1.6 (-5.3-37.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	132	113	114
Guimaras	0.2 (0.2-0.3)	0.3 (0.2-0.3)	1.1 (-30.3-31.3)	0.1 (0-0.1)	0 (0-0.1)	-17.2 (-33--5)	0 (0-0)	0 (0-0)	-25.8 (-63.4-30.4)	0 (0-0)	0 (0-0)	-16.5 (-20-8.7)	0 (0-0)	0 (0-0)	-56.5 (-85.1-7.4)	0 (0-0)	0 (0-0)	1.3 (-6.1-39)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	133	105	93
Ifugao	0.3 (0.2-0.4)	0.3 (0.2-0.3)	1.6 (-3.3-30.7)	0.1 (0-0.1)	0 (0-0.1)	-11.9 (-17.4-9.2)	0 (0-0)	0 (0-0)	-43.4 (-70.7-0.1)	0 (0-0)	0 (0-0)	-10.1 (-13.1-17.5)	0 (0-0)	0 (0-0)	-54.5 (-84.4-11.6)	0 (0-0)	0 (0-0)	2 (-5.2-40.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	131	114	108

Location	Birth incidence rate (per 100,000 live births), 2000	Birth incidence rate (per 100,000 live births), 2021	Birth incidence rate (per 100,000 live births) percent change (2000-2021)	All age rate (per 100,000 population), 2000	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	All age total SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Ilocos Norte	0.3 (0.2-0.3)	0.3 (0.2-0.3)	1.3 (-9.7-39.6)	0 (0-0.1)	0 (0-0.1)	-13.7 (-21.2-6)	0 (0-0)	0 (0-0)	-43.6 (-74.8--1.6)	0 (0-0)	0 (0-0)	-12.3 (-14.4-15.2)	0 (0-0)	0 (0-0)	-70.4 (-88.3--28)	0 (0-0)	0 (0-0)	1.7 (-6-41.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	128	113	100
Ilocos Sur	0.3 (0.2-0.3)	0.3 (0.2-0.3)	1.1 (-28.8-31.1)	0 (0-0.1)	0 (0-0.1)	-14.8 (-30.4--0.4)	0 (0-0)	0 (0-0)	-40 (-71.8-6.4)	0 (0-0)	0 (0-0)	-13.9 (-16-10.3)	0 (0-0)	0 (0-0)	-64.1 (-85--3.1)	0 (0-0)	0 (0-0)	1.1 (-7.2-36.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	129	109	101
Iloilo	0.3 (0.2-0.3)	0.3 (0.2-0.3)	1.7 (-3.8-35.5)	0 (0-0.1)	0 (0-0.1)	-11.3 (-16.7-14.6)	0 (0-0)	0 (0-0)	-41.2 (-69.4--4.3)	0 (0-0)	0 (0-0)	-10.1 (-12.9-16.8)	0 (0-0)	0 (0-0)	-61.6 (-82.8--13.2)	0 (0-0)	0 (0-0)	2.3 (-6.4-42.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	131	109	99
Isabela	0.3 (0.2-0.3)	0.3 (0.2-0.3)	0.8 (-1.3-5.8)	0 (0-0.1)	0 (0-0.1)	-15 (-21.1--8.8)	0 (0-0)	0 (0-0)	-30.3 (-63-14.9)	0 (0-0)	0 (0-0)	-14.2 (-16.2--1.7)	0 (0-0)	0 (0-0)	-58.3 (-81.9--9.9)	0 (0-0)	0 (0-0)	1 (-5.2-21.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	125	113	98
Kalinga	0.2 (0.2-0.3)	0.3 (0.2-0.3)	1.2 (-2.1-27)	0.1 (0-0.1)	0 (0-0.1)	-16.4 (-21.3--6.1)	0 (0-0)	0 (0-0)	5.3 (-53.2-84.3)	0 (0-0)	0 (0-0)	-16.1 (-19.1-7.4)	0 (0-0)	0 (0-0)	-56.5 (-86.7-12.8)	0 (0-0)	0 (0-0)	2.3 (-6.3-36.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	122	123	104	94
La Union	0.3 (0.2-0.3)	0.3 (0.2-0.3)	1 (-2.4-18.3)	0 (0-0.1)	0 (0-0.1)	-16.2 (-20.7-0.8)	0 (0-0)	0 (0-0)	-43.3 (-74.8--4.1)	0 (0-0)	0 (0-0)	-15.8 (-17.7--3.1)	0 (0-0)	0 (0-0)	-62.6 (-87.4--5)	0 (0-0)	0 (0-0)	1.3 (-4.3-20.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	122	126	114	103
Laguna	0.3 (0.2-0.3)	0.3 (0.2-0.3)	1.8 (-3.4-31.6)	0.1 (0-0.1)	0 (0-0.1)	-12.9 (-17.7-6.4)	0 (0-0)	0 (0-0)	-34 (-66.4-13.2)	0 (0-0)	0 (0-0)	-11.5 (-14.4-18.9)	0 (0-0)	0 (0-0)	-56.3 (-79.8--12)	0 (0-0)	0 (0-0)	2.4 (-6-44)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	130	109	101
Lanao Del Norte	0.3 (0.2-0.3)	0.3 (0.2-0.3)	1.4 (-3.4-38.5)	0.1 (0-0.1)	0 (0-0.1)	-10.7 (-16.9-8.6)	0 (0-0)	0 (0-0)	-70 (-84--51.6)	0 (0-0)	0 (0-0)	-10.4 (-13.1-15.6)	0 (0-0)	0 (0-0)	-75.1 (-90.8--44.5)	0 (0-0)	0 (0-0)	2 (-5.8-36.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	126	114	95
Lanao Del Sur	0.3 (0.2-0.4)	0.3 (0.2-0.4)	0.6 (-3.7-2.8)	0.1 (0-0.1)	0.1 (0-0.1)	-9.3 (-15.6--5.7)	0 (0-0)	0 (0-0)	-56.9 (-82--13.9)	0 (0-0)	0 (0-0)	-9.1 (-14.1-9.8)	0 (0-0)	0 (0-0)	-62.7 (-86.3-65.4)	0 (0-0)	0 (0-0)	1.2 (-5.9-25.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	130	120	113
Leyte	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.1 (-4.2-5.9)	0.1 (0-0.1)	0 (0-0.1)	-15.3 (-21.9--10.8)	0 (0-0)	0 (0-0)	-45.3 (-72--1.1)	0 (0-0)	0 (0-0)	-16.5 (-19.2-10)	0 (0-0)	0 (0-0)	-56.5 (-83--9.8)	0 (0-0)	0 (0-0)	1.3 (-7-36.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	128	113	107
Maguindanao	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.5 (-1-16.7)	0.1 (0-0.1)	0.1 (0-0.1)	-11.2 (-16.5-1.6)	0 (0-0)	0 (0-0)	-35.3 (-66.2-26.9)	0 (0-0)	0 (0-0)	-11.7 (-15-10.1)	0 (0-0)	0 (0-0)	-24.2 (-70.4-109)	0 (0-0)	0 (0-0)	1.4 (-4.8-30.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	133	119	118
Marinduque	0.3 (0.2-0.3)	0.3 (0.2-0.3)	0.6 (-4-23.9)	0.1 (0-0.1)	0 (0-0.1)	-22.2 (-28.6--12.6)	0 (0-0)	0 (0-0)	-39.6 (-71.7-10.6)	0 (0-0)	0 (0-0)	-24.7 (-28.1--6.8)	0 (0-0)	0 (0-0)	-42.1 (-74.9-14.6)	0 (0-0)	0 (0-0)	0.3 (-6.9-26.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	129	110	112
Masbate	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.9 (-0.1-5)	0.1 (0-0.1)	0 (0-0.1)	-10.9 (-15.7--6.9)	0 (0-0)	0 (0-0)	-10 (-51.9-55.6)	0 (0-0)	0 (0-0)	-11.9 (-17.2-18.4)	0 (0-0)	0 (0-0)	-12.7 (-64.9-85.6)	0 (0-0)	0 (0-0)	1.9 (-5.9-41.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	127	114	117
Misamis Occidental	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.9 (-6.8-13)	0 (0-0.1)	0 (0-0.1)	-12.6 (-20.5--5.2)	0 (0-0)	0 (0-0)	-47.2 (-72.6--5)	0 (0-0)	0 (0-0)	-11.8 (-19.6-21)	0 (0-0)	0 (0-0)	-62.4 (-88--8.9)	0 (0-0)	0 (0-0)	2.6 (-6-48.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	130	118	113
Misamis Oriental	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.9 (-1.4-24.4)	0 (0-0.1)	0 (0-0.1)	-11.1 (-15.9-2)	0 (0-0)	0 (0-0)	-64.8 (-83.5--40.7)	0 (0-0)	0 (0-0)	-10 (-14.9-19)	0 (0-0)	0 (0-0)	-74.7 (-90.2--41.4)	0 (0-0)	0 (0-0)	2.5 (-4.8-44)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	129	119	98
Mountain Province	0.3 (0.2-0.3)	0.3 (0.2-0.4)	0.9 (-15.1-24.8)	0.1 (0-0.1)	0 (0-0.1)	-13.4 (-20.8-0.5)	0 (0-0)	0 (0-0)	-31.7 (-69.8-16)	0 (0-0)	0 (0-0)	-13 (-18.3-13.3)	0 (0-0)	0 (0-0)	-55.5 (-84.1--3.7)	0 (0-0)	0 (0-0)	0.9 (-9.1-32.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	130	108	102
National Capital Region	0.3 (0.2-0.3)	0.3 (0.2-0.3)	1.6 (-20.2-54.1)	0 (0-0.1)	0 (0-0.1)	-18.7 (-31.5-1.8)	0 (0-0)	0 (0-0)	-52.8 (-77.3--18.9)	0 (0-0)	0 (0-0)	-20.2 (-24.1-5.7)	0 (0-0)	0 (0-0)	-63.9 (-83.9--25.3)	0 (0-0)	0 (0-0)	2.2 (-6.1-45.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	132	112	99
Negros Occidental	0.3 (0.2-0.3)	0.3 (0.2-0.3)	1 (-2.4-28.6)	0.1 (0-0.1)	0 (0-0.1)	-15.8 (-21.4--4.2)	0 (0-0)	0 (0-0)	-30.2 (-60.9-20)	0 (0-0)	0 (0-0)	-16.6 (-18.7-3.6)	0 (0-0)	0 (0-0)	-26.5 (-73.3-58.6)	0 (0-0)	0 (0-0)	0.9 (-6-28.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	125	111	111
Negros Oriental	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.4 (-0.6-7.5)	0 (0-0.1)	0 (0-0.1)	-16.7 (-20.8--11.3)	0 (0-0)	0 (0-0)	-23.8 (-63.1-26.3)	0 (0-0)	0 (0-0)	-17.7 (-20.6-10.6)	0 (0-0)	0 (0-0)	-27.6 (-72.3-61.4)	0 (0-0)	0 (0-0)	1.7 (-5.5-47.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	128	113	116
Northern Samar	0.3 (0.2-0.4)	0.3 (0.2-0.4)	2.1 (-2.9-16.4)	0.1 (0-0.1)	0 (0-0.1)	-14.3 (-22.5--3.3)	0 (0-0)	0 (0-0)	-57.9 (-83.7--13.5)	0 (0-0)	0 (0-0)	-15.5 (-21.9-13.6)	0 (0-0)	0 (0-0)	-68.4 (-88.4--25.7)	0 (0-0)	0 (0-0.1)	2.5 (-6.7-43.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	128	117	104
Nueva Ecija	0.3 (0.2-0.3)	0.3 (0.2-0.3)	1.9 (-3.8-39.6)	0 (0-0.1)	0 (0-0.1)	-14 (-18.7-3)	0 (0-0)	0 (0-0)	-29.9 (-65.4-22.9)	0 (0-0)	0 (0-0)	-13.5 (-16.3-14.3)	0 (0-0)	0 (0-0)	-49.6 (-76.5-11.9)	0 (0-0)	0 (0-0)	2 (-6.3-45)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	130	107	99
Nueva Vizcaya	0.3 (0.2-0.3)	0.3 (0.2-0.3)	0.9 (-1.6-13.9)	0.1 (0-0.1)	0 (0-0.1)	-15.3 (-19.3--10.1)	0 (0-0)	0 (0-0)	-39.4 (-72.8-6.7)	0 (0-0)	0 (0-0)	-14.9 (-16.9--1.8)	0 (0-0)	0 (0-0)	-64.2 (-85.2--14.3)	0 (0-0)	0 (0-0)	0.8 (-6.4-22.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	127	112	101
Occidental Mindoro	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.6 (-2.6-10.1)	0.1 (0-0.1)	0 (0-0.1)	-17 (-22--7.6)	0 (0-0)	0 (0-0)	-49.8 (-75.7-8.9)	0 (0-0)	0 (0-0)	-18.1 (-27.5-11.6)	0 (0-0)	0 (0-0)	-65.5 (-87.9--5.8)	0 (0-0)	0 (0-0)	1.2 (-13.2-47.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	129	116	109
Oriental Mindoro	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.9 (-4.7-7.9)	0.1 (0-0.1)	0 (0-0.1)	-19.1 (-25.5--15.3)	0 (0-0)	0 (0-0)	-29.7 (-68.5-21.8)	0 (0-0)	0 (0-0)	-21.3 (-25.2-4.6)	0 (0-0)	0 (0-0)	-37.3 (-76.1-47.6)	0 (0-0)	0 (0-0)	2.1 (-5.2-43)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	132	118	110
Palawan	0.3 (0.2-0.3)	0.3 (0.2-0.4)	2 (-0.7-16.1)	0.1 (0-0.1)	0 (0-0.1)	-14.9 (-19.4--2.3)	0 (0-0)	0 (0-0)	-52.6 (-75.4--22.2)	0 (0-0)	0 (0-0)	-16.4 (-19.9-10)	0 (0-0)	0 (0-0)	-61.7 (-85.4--12.2)	0 (0-0)	0 (0-0)	2 (-6.1-40.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	128	116	109
Pampanga	0.3 (0.2-0.3)	0.3 (0.2-0.3)	1.9 (-4.2-41.1)	0.1 (0-0.1)	0 (0-0.1)	-15.1 (-20.7-1.8)	0 (0-0)	0 (0-0)	-29.8 (-63.6-28.9)	0 (0-0)	0 (0-0)	-15.6 (-18.5-16.4)	0 (0-0)	0 (0-0)	-29.2 (-69.5-28.1)	0 (0-0)	0 (0-0)	2.2 (-4.9-48)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	129	105	105
Pangasinan	0.3 (0.2-0.3)	0.3 (0.2-0.3)	1.2 (-1.9-4.4)	0.1 (0-0.1)	0 (0-0.1)	-14.2 (-18.1--9.5)	0 (0-0)	0 (0-0)	-42.1 (-73.6-5.7)	0 (0-0)	0 (0-0)	-13.6 (-15.7-7.5)	0 (0-0)	0 (0-0)	-63 (-84.7--6.2)	0 (0-0)	0 (0-0)	1.4 (-6.4-34.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	127	109	103
Quezon	0.3 (0.2-0.3)	0.3 (0.2-0.3)	1.2 (-2.4-30.8)	0.1 (0-0.1)	0 (0-0.1)	-15.4 (-20.2--1.8)	0 (0-0)	0 (0-0)	-52.6 (-76.7--12.9)	0 (0-0)	0 (0-0)	-16.3 (-19-7.9)	0 (0-0)	0 (0-0)	-73.1 (-89.6--33.3)	0 (0-0)	0 (0-0)	1.1 (-5.2-33.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	127	116	99
Quirino	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.4 (-2.4-28.9)	0.1 (0-0.1)	0 (0-0.1)	-20.9 (-25.6--10.8)	0 (0-0)	0 (0-0)	-50.2 (-74.4--5.6)	0 (0-0)	0 (0-0)	-21.8 (-25.3-4.3)	0 (0-0)	0 (0-0)	-65.1 (-83--23.4)	0 (0-0)	0 (0-0)	1.2 (-5.5-42.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	126	112	103

Location	Birth incidence rate (per 100,000 live births), 2000	Birth incidence rate (per 100,000 live births), 2021	Birth incidence rate (per 100,000 live births) percent change (2000-2021)	All age rate (per 100,000 population), 2000	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	All age total SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Rizal	0.3 (0.2-0.3)	0.3 (0.2-0.3)	1.1 (-13-9.9)	0.1 (0-0.1)	0 (0-0.1)	-13.1 (-22.1--9)	0 (0-0)	0 (0-0)	-27.4 (-65.9-15.3)	0 (0-0)	0 (0-0)	-13.9 (-16.3-9.8)	0 (0-0)	0 (0-0)	-50.4 (-81.1--2.2)	0 (0-0)	0 (0-0)	1.3 (-6-34.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	130	131	110	107
Rombion	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.5 (-9.6-8)	0.1 (0-0.1)	0 (0-0.1)	-17.8 (-24.1--13.2)	0 (0-0)	0 (0-0)	-43.1 (-72.9-11.5)	0 (0-0)	0 (0-0)	-18.6 (-24.9-9.1)	0 (0-0)	0 (0-0)	-64.6 (-85.9--15.7)	0 (0-0)	0 (0-0)	1.9 (-7.7-42.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	127	116	107
Samar (Western Samar)	0.3 (0.2-0.4)	0.3 (0.2-0.4)	2.8 (-3.9-65)	0 (0-0.1)	0 (0-0.1)	-16.4 (-22.9-9.4)	0 (0-0)	0 (0-0)	-29.9 (-64.3-30.9)	0 (0-0)	0 (0-0)	-18 (-22-15.3)	0 (0-0)	0 (0-0)	-25.2 (-71.2-89.1)	0 (0-0.1)	0 (0-0.1)	3.5 (-3.8-51.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	129	122	121
Sarangani	0.3 (0.2-0.3)	0.3 (0.2-0.3)	1.6 (-2.5-40.1)	0.1 (0-0.1)	0 (0-0.1)	-16.4 (-21.6--3.4)	0 (0-0)	0 (0-0)	-14 (-54.7-43.8)	0 (0-0)	0 (0-0)	-17.8 (-20.8-11.8)	0 (0-0)	0 (0-0)	-34.5 (-77.1-25.6)	0 (0-0)	0 (0-0)	1.8 (-5-43.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	131	133	114	113
Siquijor	0.3 (0.2-0.3)	0.3 (0.2-0.3)	1 (-4.3-45.8)	0 (0-0.1)	0 (0-0.1)	-16.1 (-20.8--0.5)	0 (0-0)	0 (0-0)	-35 (-68.2-14.9)	0 (0-0)	0 (0-0)	-16.4 (-21.5-13.5)	0 (0-0)	0 (0-0)	-68.7 (-88--9.8)	0 (0-0)	0 (0-0)	1.8 (-7-46.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	129	111	96
Sorsogon	0.3 (0.2-0.3)	0.3 (0.2-0.3)	1.3 (-2.5-31)	0.1 (0-0.1)	0 (0-0.1)	-15.5 (-21.7--2.3)	0 (0-0)	0 (0-0)	-39.7 (-73.4-3.8)	0 (0-0)	0 (0-0)	-16.7 (-19.5-6.5)	0 (0-0)	0 (0-0)	-62.6 (-86.9-3.8)	0 (0-0)	0 (0-0)	1.5 (-5.6-34.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	129	111	99
South Cotabato	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.1 (-1.5-12.5)	0.1 (0-0.1)	0 (0-0.1)	-16.1 (-21.3--10.1)	0 (0-0)	0 (0-0)	-55.9 (-76.3--29.9)	0 (0-0)	0 (0-0)	-16.2 (-20.3-7.7)	0 (0-0)	0 (0-0)	-62.4 (-85.8--16.6)	0 (0-0)	0 (0-0)	1.6 (-5.2-34.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	127	116	108
Southern Leyte	0.3 (0.2-0.4)	0.3 (0.2-0.4)	0.5 (-6.7-7)	0 (0-0.1)	0 (0-0.1)	-16.3 (-23.8--12)	0 (0-0)	0 (0-0)	-56 (-81.1--20.4)	0 (0-0)	0 (0-0)	-17.7 (-32.5-9.1)	0 (0-0)	0 (0-0)	-67.2 (-87--27.8)	0 (0-0)	0 (0-0)	0.5 (-20.3-38.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	130	116	107
Sultan Kudarat	0.3 (0.2-0.3)	0.3 (0.2-0.3)	1.2 (-0.8-18.9)	0.1 (0-0.1)	0 (0-0.1)	-17.1 (-21.2--7.5)	0 (0-0)	0 (0-0)	-14.2 (-54.9-29.4)	0 (0-0)	0 (0-0)	-18.1 (-21.3-5.1)	0 (0-0)	0 (0-0)	-19.5 (-68-65.3)	0 (0-0)	0 (0-0)	1.6 (-5.3-33.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	133	112	114
Sulu	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.3 (-1-13.1)	0.1 (0-0.1)	0 (0-0.1)	-11.9 (-19.1--3.9)	0 (0-0)	0 (0-0)	-41.5 (-66.9-16.5)	0 (0-0)	0 (0-0)	-16.4 (-20.6-6)	0 (0-0)	0 (0-0)	-40.7 (-71.4-86.4)	0 (0-0.1)	0 (0-0.1)	0.3 (-6.3-31.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	130	118	116
Surigao Del Norte	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.1 (-4-27.1)	0 (0-0.1)	0 (0-0.1)	-14 (-18.9--4.8)	0 (0-0)	0 (0-0)	-45.3 (-74.7--6.2)	0 (0-0)	0 (0-0)	-14.1 (-20-14.4)	0 (0-0)	0 (0-0)	-64.4 (-85.1--24.8)	0 (0-0)	0 (0-0)	1.7 (-6.9-42.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	128	117	107
Surigao Del Sur	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.8 (-7.8-23.6)	0.1 (0-0.1)	0 (0-0.1)	-16.7 (-23.8--8)	0 (0-0)	0 (0-0)	-34.3 (-69.5-17.2)	0 (0-0)	0 (0-0)	-17.1 (-26.3-15)	0 (0-0)	0 (0-0)	-46.6 (-78-47.9)	0 (0-0)	0 (0-0.1)	2.5 (-8.9-48.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	130	119	114
Tarlac	0.3 (0.2-0.3)	0.3 (0.2-0.3)	1 (-5.4-40.3)	0.1 (0-0.1)	0 (0-0.1)	-17.7 (-23.8-0.6)	0 (0-0)	0 (0-0)	-18.7 (-59.9-40.5)	0 (0-0)	0 (0-0)	-18.2 (-20.7-1.6)	0 (0-0)	0 (0-0)	-31.1 (-70.5-61.1)	0 (0-0)	0 (0-0)	1.3 (-6.1-28.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	128	109	111
Tawi-Tawi	0.2 (0.2-0.3)	0.3 (0.2-0.3)	1.8 (-4-34.2)	0.1 (0-0.1)	0.1 (0-0.1)	-10.8 (-16.2-6.2)	0 (0-0)	0 (0-0)	-30.5 (-64.6-26)	0 (0-0)	0 (0-0)	-10.9 (-15-16.5)	0 (0-0)	0 (0-0)	-43.1 (-81.6-51.3)	0 (0-0)	0 (0-0)	2.8 (-8.8-40.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	130	107	103
Zambales	0.3 (0.2-0.3)	0.3 (0.2-0.3)	0.8 (-6.8-8)	0 (0-0.1)	0 (0-0.1)	-13.8 (-21.5--8)	0 (0-0)	0 (0-0)	-53.6 (-76--24)	0 (0-0)	0 (0-0)	-13.9 (-17.3-3.3)	0 (0-0)	0 (0-0)	-64.9 (-85.4--21.4)	0 (0-0)	0 (0-0)	0.6 (-7.8-28.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	129	112	96
Zamboanga Del Norte	0.3 (0.2-0.4)	0.3 (0.2-0.3)	0.9 (-6.5-7.3)	0.1 (0-0.1)	0 (0-0.1)	-15.5 (-23.7--8.5)	0 (0-0)	0 (0-0)	-35.5 (-67.7-16.5)	0 (0-0)	0 (0-0)	-16.1 (-19.2-8.7)	0 (0-0)	0 (0-0)	-56.7 (-83.1-20.9)	0 (0-0)	0 (0-0)	1.2 (-6-37.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	128	113	108
Zamboanga Del Sur	0.3 (0.2-0.3)	0.3 (0.2-0.3)	0.8 (-2.9-9.9)	0.1 (0-0.1)	0 (0-0.1)	-14.5 (-19.7--6.8)	0 (0-0)	0 (0-0)	-57.9 (-76--28.1)	0 (0-0)	0 (0-0)	-15.5 (-18.1--1.3)	0 (0-0)	0 (0-0)	-71.4 (-89.8--46.5)	0 (0-0)	0 (0-0)	1.1 (-5.3-21.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	131	114	97
Zamboanga Sibugay	0.3 (0.2-0.3)	0.3 (0.2-0.3)	1.3 (-1.2-30.2)	0.1 (0-0.1)	0 (0-0.1)	-14.7 (-20.5-0.4)	0 (0-0)	0 (0-0)	-48 (-73.8-0.3)	0 (0-0)	0 (0-0)	-16.1 (-18.8-10.6)	0 (0-0)	0 (0-0)	-66.8 (-88.2--8)	0 (0-0)	0 (0-0)	1.3 (-5.5-36.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	131	115	110
Seychelles	0.2 (0.2-0.3)	0.2 (0.2-0.3)	0.3 (-30.7-27.2)	0 (0-0.1)	0 (0-0.1)	-20.9 (-35.5--7.1)	0 (0-0)	0 (0-0)	-49.8 (-67.6--20.8)	0 (0-0)	0 (0-0)	-21.1 (-35.4--5.1)	0 (0-0)	0 (0-0)	-37.7 (-63.9-11.9)	0 (0-0)	0 (0-0)	0.3 (-21.2-26.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	118	121	93	93
Sri Lanka	0.2 (0.2-0.3)	0.2 (0.2-0.3)	1.5 (-6.4-23.1)	0 (0-0.1)	0 (0-0.1)	-19.1 (-25--9.9)	0 (0-0)	0 (0-0)	-71.3 (-85.6--37.6)	0 (0-0)	0 (0-0)	-17.7 (-27.8-12.1)	0 (0-0)	0 (0-0)	-82.6 (-91.3--68.1)	0 (0-0)	0 (0-0)	2.9 (-13.4-54.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	131	106	86
Thailand	0.2 (0.2-0.3)	0.2 (0.2-0.3)	1.8 (-4.5-48.4)	0 (0-0.1)	0 (0-0)	-36.6 (-43.3--24)	0 (0-0)	0 (0-0)	-72 (-82.8--51.7)	0 (0-0)	0 (0-0)	-38.3 (-42.5--18.4)	0 (0-0)	0 (0-0)	-87 (-93.9--61.4)	0 (0-0)	0 (0-0)	2.4 (-6.5-48.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	141	106	93
Timor-Leste	0.3 (0.2-0.4)	0.3 (0.2-0.4)	1.2 (-18.3-50)	0.1 (0-0.1)	0 (0-0.1)	-15.7 (-31-12.4)	0 (0-0)	0 (0-0)	-45.8 (-69.1-7)	0 (0-0)	0 (0-0)	-21 (-30.8-6.3)	0 (0-0)	0 (0-0)	-45.4 (-70.1-35.8)	0 (0-0.1)	0 (0-0.1)	0.7 (-11.3-40.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	133	120	109
Viet Nam	0.2 (0.2-0.3)	0.3 (0.2-0.3)	2 (-0.9-34.3)	0 (0-0.1)	0 (0-0.1)	-26.3 (-31.5--7.8)	0 (0-0)	0 (0-0)	-21.6 (-52.6-11.4)	0 (0-0)	0 (0-0)	-27.4 (-31.2--3)	0 (0-0)	0 (0-0)	-40.1 (-69-11.7)	0 (0-0)	0 (0-0)	2.6 (-5.5-46)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	136	106	93
Sub-Saharan Africa	1,130 (959-1,340)	1,080 (911-1,270)	-5.1 (-7.9--2.8)	523 (448-610)	499 (420-582)	-4.6 (-7.1--2.3)	3.5 (2.6-4.5)	2.6 (1.8-3.5)	-25.9 (-44.3-1.2)	24.7 (20.5-29.9)	23.3 (19.3-28.3)	-5.9 (-8.4--3.6)	9.1 (5.8-13.4)	6 (3.7-8.2)	-34 (-53.9--2.2)	36.7 (26.8-48.6)	35.6 (25.8-47.5)	-2.9 (-6.7-0.4)	0.3 (0.2-0.4)	1 (0.8-1.4)	0.4 (0.3-0.5)	2.2 (1.5-3)	32	26	17	11
Central Sub-Saharan Africa	1,440 (1,250-1,650)	1,440 (1,250-1,660)	0.4 (-7-5.3)	680 (576-796)	640 (537-738)	-5.8 (-12.2--0.2)	3.3 (0.8-8.7)	2.6 (0.7-8.2)	-21.1 (-48.5-15.4)	33.9 (28.2-39.8)	32.9 (27.3-38.3)	-2.8 (-8.8-2.8)	6.1 (1.2-12.2)	3.5 (1-9.1)	-42.7 (-68-23.9)	49.5 (34.4-67.5)	51.4 (34.8-72)	3.8 (-6.5-14.2)	0.2 (0-0.3)	1.4 (1-1.9)	0.3 (0.1-0.6)	3.7 (2.3-5.1)	35	31	15	8
Angola	1,240 (1,040-1,490)	1,210 (1,010-1,440)	-2.8 (-10-4.5)	592 (496-709)	562 (460-675)	-5.1 (-11.9-3)	2.1 (0.6-3.9)	1.4 (0.5-2.6)	-32.6 (-53.1-6.4)	29.3 (23.7-36.3)	28.5 (22.7-35.6)	-2.7 (-12-6.9)	4.3 (0.9-10)	2.5 (0.6-4.5)	-42.8 (-62.5-63.1)	40.9 (27.5-59.3)	41.3 (26.9-61.2)	0.9 (-14-16.2)	0.1 (0-0.3)	1 (0.7-1.4)	0.2 (0-0.3)	2.9 (1.9-4.2)	44	39	19	10
Central African Republic	889 (747-1,060)	890 (759-1,050)	0 (-8-9.3)	405 (336-477)	383 (320-463)	-5.3 (-10.7-2.8)	2.6 (0.6-12)	2.5 (0.6-11.5)	-4.9 (-38.1-53.5)	20.9 (17.2-25.9)	20.1 (16.7-24.4)	-3.5 (-11.3-4.5)	4.2 (0.6-12.2)	4.2 (0.9-16.3)	-0.8 (-44.9-116)	29.9 (19.9-43)	30.8 (20.4-43.9)	2.9 (-11.8-19.2)	0.1 (0-0.3)	0.7 (0.5-1.1)	0.1 (0-0.6)	1.1 (0.7-1.5)	44	40	24	19
Congo	636 (545-731)	601 (512-696)	-5.4 (-11-1.7)	296 (250-341)	250 (212-299)	-15.4 (-21.9--9.1)	3 (1-5.6)	1.9 (0.6-3.6)	-39 (-66.3-6.4)	13.9 (11.5-16.5)	12.2 (10.2-14.4)	-12.1 (-19--5.4)	4.5 (1.1-10.4)	1.6 (0.6-3.1)	-64.2 (-83.9-0.8)	19.7 (14-26.3)	19.1 (13.6-25.6)	-3.1 (-13.4-8.5)	0.2 (0-0.4)	0.9 (0.6-1.2)	0.2 (0.1-0.4)	2.5 (1.6-3.3)	33	36	22	10
Democratic Republic of the Congo	1,570 (1,360-1,810)	1,610 (1,380-1,840)	2.3 (-8.1-9.4)	750 (628-874)	708 (594-814)	-5.6 (-13.7-2.3)	3.8 (0.8-11.2)	3.1 (0.7-11.1)	-17 (-48-26.8)	37.4 (31.1-43.9)	36.5 (30.1-42.1)	-2.4 (-10-4.8)	6.9 (1.1-14.8)	4 (0.9-12.2)	-42.6 (-72.5-30.9)	54.8 (37.8-75.4)	58 (39.5-80.9)	5.8 (-6.7-20.6)	0.2 (0-0.4)	1.6 (1.1-2.1)	0.3 (0.1-0.9)	4.5 (2.8-6.2)	35	27	14	7

Location	Birth incidence rate (per 100,000 live births), 2000	Birth incidence rate (per 100,000 live births), 2021	Birth incidence rate (per 100,000 live births) percent change (2000-2021)	All age rate (per 100,000 population), 2000	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	All age total SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Equatorial Guinea	2,090 (1,760-2,510)	2,060 (1,710-2,480)	-1.5 (-10.4-6.8)	1,010 (850-1,190)	852 (703-1,000)	-16 (-22.8--10)	2.5 (0.3-4.8)	1.4 (0.1-3.2)	-45.3 (-71.9--2.9)	52.2 (42.1-64.4)	46.4 (37.6-55.9)	-11.1 (-17.9--3.5)	3.8 (0.3-7.9)	1.8 (0.1-3.1)	-53.1 (-72.8-24.7)	83.6 (61-112)	83.9 (60.5-113)	0.3 (-10.3-11.7)	0.2 (0-0.3)	3.4 (2.3-4.4)	0.2 (0-0.3)	8.4 (4.8-12)	34	35	6	5
Gabon	1,010 (809-1,220)	959 (784-1,150)	-5.2 (-11.7-1.5)	466 (373-561)	383 (318-465)	-17.9 (-23.7--12.5)	2.3 (0.1-4.4)	1.6 (0.1-3.9)	-28.9 (-61.9-163)	21.3 (17.1-26.3)	18.2 (14.8-22.4)	-14.3 (-20.6--6.9)	2.7 (0.1-5.3)	1.9 (0.2-4.4)	-30.8 (-62.5-84.6)	31.4 (22.4-42.1)	30.1 (21.8-40.1)	-4 (-14.2-7.7)	0.2 (0-0.3)	2.1 (1.5-2.9)	0.3 (0-0.5)	4.2 (2.5-6.3)	32	31	12	6
Eastern Sub-Saharan Africa	355 (301-421)	345 (289-408)	-2.6 (-5.6-1.2)	167 (141-198)	150 (125-177)	-9.7 (-12.4--6.9)	0.6 (0.4-1.2)	0.5 (0.3-0.9)	-27.4 (-50.7-20.9)	8.9 (7-11.1)	8.5 (6.8-10.6)	-4.6 (-7.4--1.2)	1.2 (0.4-2)	0.7 (0.3-1.1)	-40.9 (-61.8-18.3)	12.9 (8.8-17.8)	13.2 (8.9-18.2)	2.4 (-2.8-9.1)	0 (0-0.1)	0.4 (0.3-0.6)	0.1 (0-0.1)	1 (0.7-1.4)	77	71	25	18
Burundi	70.8 (58.1-88.2)	64.5 (52.5-79.8)	-8.8 (-22-3.7)	29.4 (24-36.2)	26.2 (21.5-32.1)	-11.2 (-20.8--1.4)	0.5 (0.3-0.8)	0.3 (0.2-0.5)	-34 (-65.9-25.6)	1.8 (1.4-2.3)	1.6 (1.3-2.1)	-11.7 (-24.4--1.1)	0.8 (0.2-1.7)	0.3 (0.2-0.6)	-62.4 (-81.6-32.6)	3.4 (2.4-4.7)	3.1 (2.2-4.3)	-7.8 (-21.5-7.4)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.2 (0.2-0.3)	83	77	47	28
Comoros	6.5 (4.8-9)	6.4 (4.8-9)	-0.1 (-9.2-9.5)	2.1 (1.6-2.8)	1.6 (1.3-2.1)	-21.9 (-27.4--15)	0.1 (0-0.1)	0 (0-0.1)	-25.1 (-60.3-38.8)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	-21.2 (-28.2--12.2)	0.2 (0-0.4)	0.1 (0-0.2)	-30.8 (-69-65.4)	0.5 (0.3-0.7)	0.5 (0.3-0.7)	-0.3 (-13.3-13.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	104	103	83	74
Djibouti	21.9 (16.6-28)	21.6 (16.3-27.3)	-1.1 (-9.8-6)	9.3 (7.1-11.7)	7.7 (5.9-9.7)	-17 (-23.3--11.5)	0.1 (0.1-0.2)	0.1 (0-0.2)	-42.2 (-68.4-15)	0.5 (0.4-0.7)	0.4 (0.3-0.6)	-12.6 (-21.2--4.9)	0.2 (0.1-0.5)	0.1 (0.1-0.2)	-47 (-76.3-43.1)	0.9 (0.6-1.2)	0.9 (0.6-1.2)	1.4 (-12.6-15.5)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	101	102	74	56
Eritrea	24.7 (18.3-31.5)	24.7 (18.4-31.6)	-0.2 (-8.1-9.5)	10.5 (7.9-13.6)	9.1 (7-11.7)	-13.4 (-19.6--7)	0.2 (0.1-0.3)	0.2 (0.1-0.3)	-14.6 (-52-48.2)	0.6 (0.5-0.9)	0.6 (0.4-0.7)	-11.3 (-18.8--1.2)	0.3 (0.1-0.8)	0.3 (0.1-0.6)	-16.7 (-57.7-175)	1.2 (0.8-1.7)	1.2 (0.8-1.6)	1 (-11.4-16.8)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	100	98	66	60
Ethiopia	4.9 (3.7-6.9)	4.9 (3.7-6.7)	-0.6 (-4.3-3.2)	1.6 (1.2-2.1)	1.4 (1.1-1.9)	-11.2 (-15.5--6.9)	0 (0-0.1)	0 (0-0)	-43.7 (-73.1-15.9)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-10.2 (-15.2--5.6)	0.1 (0-0.2)	0 (0-0.1)	-57.9 (-80--3.9)	0.4 (0.2-0.6)	0.4 (0.2-0.6)	0 (-6.7-6.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	122	123	99	80
Addis Ababa	4.1 (3.1-5.6)	4 (3.1-5.5)	-1.1 (-8.8-7.4)	1.3 (1-1.6)	0.9 (0.7-1.2)	-29.2 (-37.8--23.2)	0 (0-0.1)	0 (0-0)	-65.1 (-86.2--21.4)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	-26.2 (-33--18.7)	0 (0-0)	0 (0-0)	-54.5 (-80.7--4.4)	0.2 (0.1-0.3)	0.2 (0.1-0.3)	-0.3 (-14.4-14)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	121	122	85	68
Afar	5.4 (4-7.5)	5.3 (3.8-7.3)	-1.1 (-9.3-10.8)	1.6 (1.2-2.1)	1.5 (1.1-2)	-5.3 (-13.9-3.6)	0.1 (0-0.1)	0 (0-0.1)	-35 (-67-52.7)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	-4.8 (-14.5-5.7)	0.1 (0-0.2)	0.1 (0-0.1)	-46.8 (-72.9-42.5)	0.4 (0.3-0.7)	0.4 (0.3-0.7)	-0.5 (-13.9-14.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	120	122	98	85
Amhara	4.8 (3.5-6.8)	4.8 (3.5-6.7)	-0.7 (-8.7-6.8)	1.6 (1.2-2)	1.3 (1-1.7)	-15.8 (-22.7--9.5)	0 (0-0.1)	0 (0-0)	-51.1 (-78.5-20.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-14 (-22.3--4.7)	0.1 (0-0.2)	0 (0-0.1)	-66.2 (-87-12)	0.4 (0.2-0.6)	0.4 (0.2-0.6)	-1 (-14.1-13.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	122	124	100	77
Benishangul-Gumuz	5.8 (4.2-7.9)	5.7 (4.2-7.8)	-1.2 (-11.2-7.4)	1.8 (1.3-2.3)	1.6 (1.2-2)	-13.4 (-20.9--6.2)	0.1 (0-0.1)	0 (0-0.1)	-36.4 (-69.3-40.6)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	-12.6 (-20.9--4.2)	0.1 (0-0.3)	0.1 (0-0.1)	-47.6 (-74.7-64.1)	0.5 (0.3-0.7)	0.5 (0.3-0.7)	-0.8 (-13.3-11.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	122	121	101	83
Dire Dawa	4.6 (3.5-6.5)	4.6 (3.4-6.5)	-0.9 (-8.3-7.4)	1.4 (1-1.8)	1.1 (0.9-1.5)	-18.1 (-24--11.1)	0 (0-0.1)	0 (0-0)	-61.2 (-82.8--17.5)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-17.8 (-25.1--10)	0.1 (0-0.2)	0 (0-0.1)	-69.6 (-87.6--9.1)	0.4 (0.2-0.6)	0.4 (0.2-0.6)	-0.7 (-12.9-14.9)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	118	123	104	74
Gambella	5.3 (3.9-7.4)	5.2 (3.9-7.2)	-0.6 (-9.1-7.8)	1.6 (1.2-2.1)	1.3 (1-1.7)	-18.8 (-24.4--11.9)	0 (0-0.1)	0 (0-0)	-54.3 (-79.6--4.9)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	-18.7 (-28.9--10.2)	0.1 (0-0.2)	0 (0-0.1)	-66.5 (-87.3-5.9)	0.4 (0.3-0.7)	0.4 (0.3-0.7)	0.1 (-15.6-14.1)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	120	124	97	76
Harari	4.7 (3.4-6.6)	4.6 (3.4-6.3)	-0.9 (-8.2-7.7)	1.4 (1.1-1.9)	1.2 (0.9-1.5)	-18 (-24.4--10.4)	0 (0-0.1)	0 (0-0)	-54 (-80.2-7.6)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	-17.7 (-24.4--9.1)	0.1 (0-0.1)	0 (0-0)	-59.1 (-84.5-31.1)	0.3 (0.2-0.5)	0.3 (0.2-0.5)	-0.3 (-12.7-13.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	119	123	93	74
Oromia	4.9 (3.6-6.8)	4.8 (3.5-6.6)	-0.5 (-8.3-7.2)	1.6 (1.2-2.2)	1.5 (1.1-1.9)	-8.1 (-15.5-0.3)	0 (0-0.1)	0 (0-0)	-43.6 (-73.7-14.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-7.6 (-16.4-1.8)	0.1 (0-0.2)	0 (0-0.1)	-58 (-78.3-5.9)	0.4 (0.2-0.6)	0.4 (0.2-0.6)	0.5 (-12.3-14.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	121	122	97	78
Somali	4.9 (3.6-6.8)	4.8 (3.4-6.7)	-0.9 (-9.5-7.9)	1.6 (1.2-2.1)	1.6 (1.1-2)	-5.1 (-13.1-2.2)	0 (0-0.1)	0 (0-0.1)	-21.9 (-62.3-79.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-3.7 (-13.2-6.1)	0.1 (0-0.2)	0.1 (0-0.1)	-32.8 (-68.8-99.2)	0.4 (0.2-0.6)	0.4 (0.2-0.6)	-0.3 (-12.5-14.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	120	122	98	87
Southern Nations, Nationalities, and Peoples	5.2 (3.8-7.1)	5.1 (3.7-7)	-1.8 (-10.1-6.2)	1.7 (1.3-2.3)	1.5 (1.1-2)	-12.4 (-18.9--5.8)	0.1 (0-0.1)	0 (0-0.1)	-40.5 (-71.7-26)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	-12.4 (-21.3--3.2)	0.1 (0-0.3)	0 (0-0.1)	-60.1 (-83-16.1)	0.4 (0.3-0.7)	0.4 (0.3-0.6)	-2 (-15.5-11.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	122	122	103	79
Tigray	4.8 (3.6-6.6)	4.7 (3.5-6.6)	-0.7 (-7.6-7.2)	1.6 (1.2-2.1)	1.3 (1-1.7)	-17.4 (-24.7--9.4)	0 (0-0.1)	0 (0-0)	-50.7 (-81.4--1.2)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-15.3 (-23.2--6.6)	0.1 (0-0.2)	0 (0-0)	-64.7 (-85.9-19.3)	0.3 (0.2-0.5)	0.3 (0.2-0.5)	-0.1 (-12.3-13.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	122	125	98	75
Kenya	1,300 (957-1,740)	1,330 (976-1,780)	2.4 (-0.1-4.8)	584 (447-762)	499 (386-645)	-14.5 (-16.1--12.4)	0.7 (0.4-1)	0.5 (0.3-0.8)	-26 (-44.7--1.4)	30.9 (22.2-43.2)	29.1 (21-40.2)	-5.9 (-8.7--3)	1.3 (0.6-2.1)	0.6 (0.3-1)	-48.3 (-63.1--12.1)	41.3 (26-61.3)	45.9 (29.6-67.3)	11.2 (6.2-16.9)	0.1 (0-0.1)	2.1 (1.3-3.3)	0.1 (0.1-0.1)	7.1 (4.4-10.7)	47	51	13	7
Baringo	1,130 (823-1,550)	1,170 (842-1,600)	3.2 (-8.7-15.8)	523 (389-695)	452 (332-609)	-13.7 (-22.1--4)	0.7 (0.6-1)	0.5 (0.3-0.7)	-35.2 (-57.8--0.6)	29.1 (20.3-41)	27.5 (19.1-39.1)	-5.5 (-16.8-7.7)	1.2 (0.6-2.2)	0.6 (0.4-0.9)	-52.7 (-70.2--6.8)	38.9 (24-59.6)	42.1 (25.8-66.1)	8.1 (-9-31.8)	0.1 (0-0.1)	1.8 (1.2-3)	0.1 (0-0.1)	5 (2.9-8.3)	56	59	14	7
Bomet	1,070 (754-1,430)	1,110 (795-1,500)	3.6 (-6-14.7)	565 (415-741)	475 (353-619)	-16 (-23.5--9)	0.2 (0.1-0.3)	0.2 (0.1-0.4)	45.3 (0.5-131)	25.1 (17.3-35)	24.1 (17.1-34.2)	-4 (-14.4-7.6)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	-45.9 (-65.9--7.3)	24.9 (15.3-36.1)	26.9 (17.2-39.7)	8.2 (-9.9-28.2)	0 (0-0)	2.6 (1.5-4)	0 (0-0.1)	10.5 (6.3-16.3)	58	56	11	5
Bungoma	1,340 (996-1,810)	1,400 (1,020-1,920)	4.3 (-6-15.3)	647 (483-861)	581 (428-766)	-10.2 (-17.9--1.8)	0.7 (0.4-1.1)	0.5 (0.3-0.9)	-29.7 (-50.7-10.2)	33.8 (23.8-48)	33.4 (23.6-47.2)	-1.2 (-12.5-11.5)	2 (0.7-3.7)	1.4 (0.8-2.3)	-29.5 (-62.4-66.6)	46.4 (29.4-69.4)	53 (33.1-79.4)	14.2 (-3.1-35.3)	0.1 (0-0.2)	2 (1.3-3)	0.1 (0.1-0.2)	4.2 (2.5-6.7)	46	46	13	7
Busia	1,780 (1,290-2,360)	1,860 (1,340-2,490)	4.5 (-9.9-17.8)	842 (651-1,090)	756 (575-985)	-10.2 (-21.3--1.7)	1.5 (0.5-2.4)	1 (0.3-1.8)	-34 (-60.7-4.1)	45.6 (32.1-64.4)	44.7 (31-62.5)	-2 (-14.5-9.8)	3.3 (1.1-6.2)	1.2 (0.4-2.1)	-63.2 (-74.9--27.6)	65.3 (40.3-98.2)	74.2 (47-113)	13.8 (-4.4-36.3)	0.1 (0-0.2)	2.2 (1.4-3.3)	0.1 (0-0.2)	8.4 (5.1-13.2)	41	41	14	4
Elgeyo-Marakwet	1,080 (777-1,490)	1,120 (809-1,510)	3.7 (-6.5-14.4)	531 (396-699)	435 (333-571)	-18.1 (-24.4--9.4)	0.5 (0.3-0.7)	0.4 (0.2-0.6)	-12.6 (-43.6-37.9)	26.5 (17.9-38.4)	24.4 (16.8-35)	-7.8 (-18-4.7)	0.4 (0.3-0.6)	0.5 (0.3-0.9)	15.7 (-34.3-123)	29.1 (17.2-43.4)	31.9 (19.9-47.7)	9.6 (-7.9-32)	0 (0-0)	2.2 (1.3-3.5)	0.1 (0-0.1)	4.5 (2.6-7.3)	58	55	11	9
Embu	1,000 (719-1,370)	1,020 (724-1,410)	2 (-10.3-16.8)	441 (328-588)	333 (248-437)	-24.6 (-31.3--16.9)	0.3 (0.2-0.5)	0.3 (0.1-0.5)	-5.3 (-40.1-50.4)	22.4 (15.6-31.7)	18.8 (13.2-27)	-16.2 (-27.5--4)	0.4 (0.3-0.7)	0.5 (0.3-0.7)	7.6 (-30.8-74.5)	27.3 (16.6-42.2)	29 (18.5-44.4)	6.3 (-14.3-28.8)	0 (0-0.1)	2.2 (1.3-3.5)	0.1 (0-0.1)	4.2 (2.5-7)	59	57	11	8
Garissa	1,070 (781-1,450)	1,110 (808-1,530)	3.1 (-5.5-11.7)	526 (405-692)	511 (398-688)	-2.8 (-10.4-5.2)	0.5 (0.3-0.8)	0.3 (0.2-0.6)	-35.6 (-62.5-2)	27.4 (19.1-39.2)	27.4 (19.1-39.3)	-0.1 (-10.7-12.4)	0.7 (0.4-1.3)	0.2 (0.1-0.4)	-71.3 (-84.5--38.6)	32.8 (19.4-50.2)	35.1 (21.2-55)	7 (-10.5-25.1)	0 (0-0.1)	1.9 (1.1-3.3)	0 (0-0.1)	7.4 (4.4-11.7)	56	60	15	6
Homa Bay	2,300 (1,670-3,040)	2,400 (1,810-3,070)	4.1 (-8.3-15.2)	1,030 (778-1,320)	949 (725-1,210)	-7.6 (-17.8-1.4)	2 (0.5-3.7)	1.4 (0.4-2.8)	-27.8 (-55.2-39.2)	59.3 (41.8-82.5)	60.1 (43-81)	1.4 (-11.4-12.9)	4.3 (1-8.2)	2.3 (0.5-4.1)	-47.3 (-66.9-15)	85.6 (53.8-129)	99.9 (64.2-147)	16.7 (-3.1-37.1)	0.1 (0-0.2)	1.8 (1.1-2.7)	0.2 (0.1-0.4)	10.1 (6.2-15.2)	39	37	13	2
Isiolo	1,180 (843-1,550)	1,210 (868-1,630)	3 (-7.8-15.4)	510 (372-659)	442 (332-584)	-13.2 (-20.7--3.6)	0.7 (0.4-0.9)	0.5 (0.3-0.7)	-21.2 (-50.8-38.6)	29.9 (20.1-42.6)	27.9 (19.6-38.7)	-6.8 (-18.1-8.3)	1.6 (0.6-3.1)	1.2 (0.7-2)	-23.8 (-54.2-93.2)	44.7 (26.4-68.5)	48.5 (28.8-75.4)	8.4 (-11.5-31.4)	0 (0-0.1)	1.2 (0.7-1.9)	0.1 (0-0.1)	2 (1.2-3.4)	57	63	18	13

Location	Birth Incidence rate (per 100,000 live births), 2000	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	All age rate (per 100,000 population), 2000	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	All age total SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population) percent change (2000-2021)	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2000	Under-5 total SCD mortality rank 2021
Mpumalanga	2 (1.4-2.8)	1.9 (1.3-2.8)	-1.6 (-12.1-7.1)	0.4 (0.3-0.5)	0.3 (0.2-0.4)	-20.2 (-28.6--12)	0 (0-0)	0 (0-0)	-41.5 (-64.5-4.4)	0 (0-0.1)	0 (0-0.1)	-19.1 (-30.2--10)	0 (0-0)	0 (0-0)	53.3 (-14-165)	0.2 (0.1-0.3)	0.2 (0.1-0.3)	-2.1 (-20-14.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	115	117	74	79
North-West	1.8 (1.3-2.6)	1.8 (1.2-2.5)	-0.4 (-9.7-9.5)	0.3 (0.2-0.4)	0.3 (0.2-0.4)	-12.6 (-20.5--3)	0 (0-0)	0 (0-0)	-21.8 (-50.8-28.2)	0 (0-0.1)	0 (0-0)	-12.5 (-22.2-0.1)	0 (0-0)	0 (0-0)	-1.7 (-44.7-61.8)	0.2 (0.1-0.3)	0.2 (0.1-0.3)	-1.4 (-15.6-19.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	118	79	77
Northern Cape	1.7 (1.3-2.3)	1.7 (1.2-2.3)	0.2 (-14.2-14.8)	0.3 (0.2-0.4)	0.3 (0.2-0.3)	-15.7 (-23.9--5.8)	0 (0-0)	0 (0-0)	-47.2 (-66.4--12.6)	0 (0-0)	0 (0-0)	-14.8 (-25--0.6)	0 (0-0)	0 (0-0)	-15.7 (-56.4-45.7)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	-0.4 (-16.6-22.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	117	118	83	80
Western Cape	1.1 (0.8-1.6)	1.1 (0.8-1.7)	0 (-18.7-19.5)	0.2 (0.2-0.3)	0.2 (0.1-0.2)	-21.8 (-35.3--7.6)	0 (0-0)	0 (0-0)	-57.8 (-73.7--34.9)	0 (0-0)	0 (0-0)	-20.9 (-34.7--6.4)	0 (0-0)	0 (0-0)	-46.6 (-79.4--6.5)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	-0.9 (-22.5-20.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	120	122	87	78
Zimbabwe	17.2 (14-20.9)	15.4 (12.5-19.7)	-10.5 (-18.6-4)	6.8 (5.6-8.3)	5.6 (4.5-6.9)	-17.2 (-24.2--4.3)	0.2 (0.1-0.2)	0.2 (0.1-0.3)	11.2 (-34.3-71.2)	0.4 (0.3-0.5)	0.3 (0.3-0.4)	-15.8 (-24.6--0.9)	0.1 (0.1-0.1)	0.2 (0.1-0.3)	85.9 (-8-229)	0.8 (0.6-1)	0.7 (0.5-1)	-7.1 (-19.6-9.7)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	87	90	48	62
Western Sub-Saharan Africa	1,940 (1,610-2,330)	1,710 (1,410-2,050)	-12 (-14.3--9.5)	948 (810-1,110)	852 (713-1,000)	-10.1 (-13--7.2)	7.1 (4.9-9.3)	4.9 (3.1-6.9)	-31.3 (-48--6.6)	43.3 (35.4-53.2)	37.5 (30.7-46.4)	-13.4 (-16.2--10.7)	19.3 (11.4-28.4)	12 (6.8-17.1)	-37.7 (-55.6--10.5)	62.1 (46-83.3)	54.6 (39.8-72.2)	-12.2 (-16.6--8.4)	0.5 (0.3-0.7)	1.5 (1.1-2)	0.6 (0.4-0.8)	2.7 (1.9-3.6)	22	21	14	8
Benin	3,450 (2,860-3,990)	2,560 (2,100-3,070)	-25.8 (-33.2--18.8)	1,930 (1,630-2,190)	1,340 (1,100-1,590)	-30.4 (-37.3--24)	17.4 (8.1-28.2)	11 (5.7-17.5)	-36.8 (-54.2--2.6)	73 (60.5-87.3)	55.1 (44.3-67.5)	-24.5 (-33.1--16.1)	51.1 (16.5-92.1)	29.4 (12.6-53.2)	-42.5 (-62.9-3.5)	93.5 (68.1-127)	74.2 (53.3-101)	-20.6 (-31.2--9.2)	1.6 (0.5-2.8)	2.9 (2.1-3.9)	1.7 (0.8-2.8)	4.3 (2.9-6.2)	13	11	9	7
Burkina Faso	3,170 (2,940-3,400)	2,230 (1,830-2,600)	-29.7 (-42--17.1)	1,790 (1,680-1,920)	1,160 (956-1,360)	-35.2 (-46.2--24.4)	17.6 (1.4-75.8)	10.9 (0.8-54.4)	-38 (-59.9--3.7)	65.4 (57.7-74.7)	47.1 (38.7-56.8)	-27.9 (-39.2--15)	55.5 (3.1-246)	32.1 (1.6-177)	-42.1 (-70.4--2.8)	87.2 (66.5-115)	68.2 (50.7-89.8)	-21.8 (-35.7--3.7)	1.3 (0.1-5.6)	2 (1.5-2.7)	1.5 (0.1-8.5)	3.3 (2.3-4.4)	14	13	12	9
Cabo Verde	118 (97.3-143)	118 (94.5-143)	0.4 (-6.1-7.7)	64.7 (53.5-79.6)	50.3 (41.1-62)	-22.2 (-27.2--16.6)	0.7 (0.5-0.9)	0.4 (0.2-0.5)	-47.8 (-64.3--24.6)	2.1 (1.7-2.6)	2 (1.6-2.4)	-7.9 (-14.4-0.1)	1.2 (0.5-2.4)	0.3 (0.1-0.6)	-76.8 (-91.4--29.4)	2.7 (2.1-3.6)	2.7 (2.1-3.5)	0.1 (-8.3-10.5)	0.1 (0.1-0.2)	0.3 (0.2-0.3)	0.1 (0.1-0.2)	1.2 (0.8-1.6)	46	52	35	16
Cameroon	794 (676-889)	805 (703-910)	1.3 (-5-8)	428 (358-488)	408 (346-464)	-4.8 (-10.8-2.9)	4.6 (1.2-7.3)	3.1 (1-5.8)	-31.2 (-50.6-7.6)	16.5 (13.5-19.1)	16.1 (13.5-18.8)	-2 (-10.3-6)	10 (1.8-19.6)	6.6 (1.6-12.2)	-34.1 (-54.9-9.7)	23.5 (15.8-32.2)	24.5 (16.8-33.9)	4.2 (-9.4-18.5)	0.3 (0.1-0.7)	0.8 (0.6-1.1)	0.4 (0.1-0.7)	1.4 (1-2.1)	28	26	21	12
Chad	216 (190-244)	213 (185-239)	-1.2 (-7.8-5.5)	110 (92.7-127)	110 (93.8-127)	0.1 (-7.8-7.3)	2.4 (1.1-4.1)	1.8 (0.9-3.3)	-23.9 (-45.8-13.8)	5.2 (4.3-6.1)	5.2 (4.2-6)	-0.6 (-7.2-6.6)	5.8 (1.9-11.5)	3.8 (1.4-6.7)	-34.7 (-54.9-28.2)	9.6 (7.3-12.3)	9.6 (7.1-12.3)	-0.6 (-9.5-8.5)	0.1 (0-0.3)	0.2 (0.2-0.3)	0.1 (0-0.2)	0.3 (0.2-0.5)	37	36	34	26
Côte d'Ivoire	677 (606-728)	673 (602-739)	-0.5 (-5.9-5.6)	300 (265-328)	274 (245-306)	-8.7 (-14.5--1.9)	2.9 (1.8-4.4)	1.9 (1.2-2.7)	-32.5 (-52-0.8)	16.3 (14.3-18.5)	14.9 (13.2-16.8)	-8 (-13.1--2.7)	6 (3.4-9.8)	3.8 (2.4-5.5)	-36.8 (-59.1-5)	36.1 (29-44.3)	36 (29.1-44.6)	-0.1 (-8.2-9.2)	0.2 (0.1-0.3)	1.2 (0.9-1.5)	0.2 (0.2-0.3)	2.3 (1.8-3.1)	34	34	15	10
Gambia	649 (572-737)	611 (524-707)	-5.9 (-13.1-1)	355 (310-402)	317 (264-362)	-10.9 (-18.6--4.4)	5.5 (1.3-23.6)	4 (1-16.6)	-26.9 (-53.4-21.4)	13.5 (11.4-15.7)	12.2 (10.3-14.3)	-9.5 (-15.9--1.9)	13.6 (2.3-59.6)	7.8 (1.7-38.8)	-43.1 (-79.6-37.9)	19.2 (14.3-25)	18.8 (13.8-24.3)	-2.5 (-12.5-9.4)	0.6 (0.1-2.6)	0.8 (0.6-1)	0.8 (0.2-4.1)	1.8 (1.2-2.4)	21	22	19	14
Ghana	1,730 (1,610-1,830)	1,580 (1,390-1,800)	-8.6 (-18.5-3.5)	893 (821-956)	722 (641-824)	-19.1 (-26.4--9)	11 (7.4-13.5)	7.2 (4.6-10.2)	-34.3 (-52--8)	34.7 (31.9-37.6)	30.7 (27.1-35.2)	-11.3 (-22.2-0.8)	24.2 (14.9-34.2)	15.9 (6.6-27.8)	-34.2 (-60.6-10.6)	43.7 (34.6-54.6)	44.1 (34.2-56.6)	0.9 (-12.8-16.4)	1.1 (0.7-1.6)	2 (1.6-2.5)	1.5 (0.7-2.5)	4.3 (3-6.4)	16	14	11	6
Guinea	1,870 (1,650-2,150)	1,870 (1,630-2,140)	0.1 (-7.1-7)	960 (826-1,090)	968 (837-1,140)	0.8 (-7.2-9.8)	8.2 (1.3-13.9)	6 (1.2-10.5)	-26.4 (-48.1-36)	39.9 (32.9-46.8)	40.2 (33.3-47.1)	0.7 (-6.4-9.7)	23.8 (2.7-45.3)	13.1 (2.6-23.6)	-45 (-64.8-30)	59.6 (40.5-81.8)	60.4 (42.1-82.7)	1.3 (-10.8-15.9)	0.5 (0.1-1)	1.4 (0.9-1.9)	0.7 (0.1-1.2)	3 (2-4.2)	20	21	13	9
Guinea-Bissau	69 (55.4-82.8)	65.5 (52.8-79.6)	-5.1 (-11.1-3.1)	30 (24.4-35.9)	26.3 (21.6-31.9)	-12.3 (-18.8--4.6)	3.2 (0.7-14.3)	1.9 (0.4-8.6)	-40.3 (-68.5-7.4)	1.7 (1.4-2.1)	1.5 (1.2-1.9)	-12.3 (-18.2--5)	7.2 (1-32.1)	2.8 (0.4-15.3)	-61.3 (-85.2--3.9)	4 (2.8-5.6)	3.8 (2.8-5.5)	-3.5 (-12.6-7.3)	0.2 (0-0.9)	0.1 (0.1-0.1)	0.2 (0-1)	0.2 (0.2-0.3)	37	41	48	38
Liberia	512 (443-581)	514 (441-584)	0.3 (-3.5-4.6)	198 (168-224)	174 (148-196)	-11.8 (-16--7.7)	3.5 (1.2-10)	2.2 (0.7-8)	-38.4 (-67.3-10.2)	13.2 (11.3-15.7)	11.2 (9.6-13)	-15.7 (-20.9--10.2)	9.4 (2.4-22)	3.9 (1.2-14.7)	-58.3 (-83--9.9)	36.8 (28.8-47)	36.8 (29.2-47.6)	0.2 (-8.3-9.3)	0.2 (0.1-0.5)	0.8 (0.6-1)	0.2 (0.1-0.9)	2.3 (1.6-3.1)	34	32	19	12
Mali	660 (584-737)	656 (584-729)	-0.6 (-5.2-6.1)	333 (294-375)	332 (291-375)	-0.2 (-5.3-6.9)	6.9 (3-12)	4.2 (2.1-7.9)	-39.1 (-58.5--10.6)	14.9 (12.8-17.1)	15 (12.9-17.2)	0.6 (-5.6-6.8)	18.6 (6.1-36.7)	8.9 (3.8-17.4)	-52 (-70.7--1.4)	23.9 (18.4-30.6)	24 (18.4-31.2)	0.4 (-7.6-9.4)	0.4 (0.1-0.7)	0.5 (0.4-0.6)	0.4 (0.2-0.7)	1 (0.7-1.2)	23	25	20	17
Mauritania	204 (171-238)	203 (168-231)	-0.4 (-8.5-7)	110 (91.8-131)	103 (85.8-122)	-6.5 (-14-0.2)	1.4 (0.8-2.2)	0.8 (0.4-1.2)	-44.7 (-61.1--16.7)	4.1 (3.3-4.9)	3.9 (3.1-4.6)	-5.9 (-13.3-1.9)	3.4 (1.5-5.8)	1.5 (0.8-2.5)	-54.2 (-70--17.3)	6.4 (4.7-8.5)	6.4 (4.7-8.4)	0 (-10.3-10.8)	0.2 (0.1-0.3)	0.4 (0.2-0.5)	0.2 (0.1-0.3)	0.8 (0.5-1.1)	36	40	28	21
Niger	1,510 (1,290-1,770)	1,180 (1,020-1,350)	-21.7 (-29.8--14.8)	793 (693-925)	623 (533-725)	-21.4 (-30.5--14)	5.3 (2-9)	2.9 (1.4-4.2)	-45.4 (-62.1--5.5)	34.9 (29.8-41.2)	28.4 (24.3-33.7)	-18.6 (-25.5--11.5)	14.7 (4.2-29.4)	6.6 (2.8-10.2)	-54.9 (-69.2--2.3)	55.9 (43.8-71.9)	48.2 (38.1-61.2)	-13.8 (-22.3--3.8)	0.3 (0.1-0.5)	1 (0.8-1.4)	0.3 (0.1-0.5)	2.2 (1.6-2.9)	27	25	15	13
Nigeria	2,530 (1,920-3,220)	2,290 (1,760-2,870)	-9.4 (-12.4--6.1)	1,190 (942-1,490)	1,130 (912-1,410)	-4.6 (-7.5--0.7)	6.5 (1.5-10.5)	4.8 (1.6-8.2)	-26 (-49.4-16.4)	58.6 (44.4-76.7)	50.7 (39.1-65.7)	-13.5 (-17.2--9.9)	17.7 (3.1-33.2)	12.2 (3-21.3)	-31.2 (-53.3-17.7)	82.8 (56.8-118)	70.6 (49.2-98)	-14.7 (-20.4--9.6)	0.4 (0.1-0.7)	1.9 (1.3-2.6)	0.5 (0.2-0.9)	3.1 (2-4.6)	23	21	11	8
Sao Tome and Principe	1,020 (812-1,250)	1,020 (819-1,230)	-0.1 (-7.4-8.6)	583 (468-722)	511 (409-628)	-12.3 (-20.5--6.3)	3.3 (0.8-5.4)	2 (0.6-3.6)	-40.4 (-60.3-3.7)	19.7 (15.1-25.2)	18.4 (14.3-23.2)	-6.3 (-15.3-3.6)	6.1 (1.1-10)	2.8 (0.7-6.1)	-55 (-76.4--6.5)	27.6 (19.1-38.7)	27.9 (19.2-38.5)	1 (-11.9-15.3)	0.3 (0.1-0.6)	1.6 (1-2.2)	0.7 (0.2-1.6)	7.3 (4.5-10.7)	28	24	11	5
Senegal	558 (483-632)	557 (488-625)	-0.2 (-7.3-5.5)	301 (262-349)	285 (247-332)	-5.2 (-12.4-2.6)	3.4 (1.3-7.9)	2.2 (0.9-5.4)	-34.3 (-57.5-3.6)	11.3 (9.5-13.1)	10.8 (9.1-12.5)	-4.6 (-11-2.4)	9 (3-18)	4.2 (1.6-11)	-53.8 (-74.1--15.6)	17 (12.5-21.9)	17.3 (12.8-22.9)	1.5 (-9.3-13)	0.3 (0.1-0.6)	0.6 (0.5-0.8)	0.5 (0.2-1.2)	1.9 (1.4-2.5)	28	29	19	11
Sierra Leone	2,570 (2,260-2,870)	2,530 (2,220-2,850)	-1.6 (-8.4-5)	1,300 (1,110-1,500)	1,230 (1,060-1,430)	-5.4 (-12.3-1)	7.8 (1-13.8)	4.8 (0.8-9.1)	-37.7 (-56.3-17.7)	54.6 (45.1-63.2)	52.2 (43-60.5)	-4.4 (-12-3.6)	27.8 (2.8-56.1)	12.3 (1.9-21.5)	-55.6 (-68.5-3.5)	82.4 (56.3-113)	83.5 (55.5-114)	1.3 (-10.6-16.2)	0.5 (0-0.9)	1.4 (0.9-1.8)	0.5 (0.1-0.9)	3.7 (2.3-5.5)	21	21	15	8
Togo	2,110 (1,870-2,370)	2,070 (1,820-2,340)	-2.2 (-8.8-4.3)	1,110 (983-1,270)	971 (857-1,120)	-12.3 (-19--5.7)	15.8 (8.5-25.2)	10.2 (4.8-18.9)	-35.3 (-56.1-2.5)	45.8 (40-53)	41.5 (36-47.8)	-9.5 (-14.8--3.4)	38.3 (16.5-63.3)	20.8 (10.1-39.6)	-45.8 (-67.4-5.3)	64.3 (49-82.4)	63.5 (48.1-82.5)	-1.2 (-8.8-8.4)	1.4 (0.7-2.3)	2.3 (1.7-3)	1.6 (0.8-3.1)	5.1 (3.5-6.8)	14	10	9	7

Table S14: Homozygous sickle cell and severe sickle cell/beta-thalassemia disease frequency: Birth rate, age-specific and all-age prevalence rates , 2000 - 2021

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Global	292 (232-369)	13.4 (10.8-16.3)	265 (208-335)	17.5 (15-20.5)	167 (132-216)	32 (28.9-35.2)	47.2 (37.1-59.1)	24.5 (19.6-29.1)	1.6 (1.3-2.1)	-14.8 (-19--10.6)	74.4 (59.8-92.1)	8.8 (5.9-11.8)
Central Europe, Eastern Europe, and Central Asia	0.1 (0-0.1)	-5.2 (-31.7-7.6)	0 (0-0.1)	-8 (-35.9-5.1)	0 (0-0)	-3.8 (-36.6-12.2)	0 (0-0)	-18.3 (-44.3--1.5)	0 (0-0)	-16.6 (-45.2-7.7)	0 (0-0)	-6.2 (-36.2-8.6)
Central Asia	0 (0-0.1)	-3.1 (-32.5-0.7)	0 (0-0.1)	-3.2 (-32.7-2)	0 (0-0)	1.1 (-29.7-10.6)	0 (0-0)	-14.9 (-46.2--3.1)	0 (0-0)	0.4 (-41.2-23.5)	0 (0-0)	-9.8 (-37.2--4)
Armenia	0 (0-0.1)	-2.4 (-32.3-0)	0 (0-0.1)	-2.7 (-33.2-4.4)	0 (0-0)	5.8 (-25.9-25.2)	0 (0-0)	-7.2 (-40.5-19.3)	0 (0-0)	-7 (-54.2-31.2)	0 (0-0)	-11.4 (-39.3-0.1)
Azerbaijan	0 (0-0.1)	-3 (-32.1-0.1)	0 (0-0.1)	-2.1 (-31.2-4.8)	0 (0-0)	-1.2 (-34.2-15.8)	0 (0-0)	-9.4 (-44.3-20.8)	0 (0-0)	23.3 (-41.8-94.7)	0 (0-0)	-22.8 (-47.6--14.7)
Georgia	0.1 (0-0.1)	-2.4 (-33-0)	0 (0-0.1)	-1.9 (-33.1-3.9)	0 (0-0)	5.1 (-26.5-25.2)	0 (0-0)	-8.3 (-38.6-22.5)	0 (0-0)	-3.6 (-45.6-46.3)	0 (0-0)	1.2 (-31.8-14)
Kazakhstan	0 (0-0.1)	-2.4 (-33.4-0.1)	0 (0-0.1)	-3.1 (-31.6-3.6)	0 (0-0)	6.1 (-22.1-25.5)	0 (0-0)	-11.9 (-41-16.3)	0 (0-0)	-1.6 (-54-63.8)	0 (0-0)	11 (-22-23.5)
Kyrgyzstan	0 (0-0.1)	-2.1 (-33.3-0.4)	0 (0-0.1)	-1.2 (-29.7-5.6)	0 (0-0)	2.8 (-23.3-21.8)	0 (0-0)	-5.8 (-33.4-26.8)	0 (0-0)	24.5 (-31.8-94.9)	0 (0-0)	2.2 (-26.5-13.3)
Mongolia	0 (0-0.1)	-3.6 (-33.6-0)	0 (0-0.1)	-4.6 (-34.9-2.9)	0 (0-0)	10.4 (-22.3-30.8)	0 (0-0)	-20.3 (-50.5-4.6)	0 (0-0)	16.7 (-48-88.1)	0 (0-0)	-3.2 (-33.1-6.5)
Tajikistan	0 (0-0.1)	-2.5 (-33.4-0)	0 (0-0.1)	-2.2 (-30.1-3.6)	0 (0-0)	2 (-25.1-19.5)	0 (0-0)	-9.2 (-39.1-20.4)	0 (0-0)	33.1 (-25.2-105)	0 (0-0)	-14.9 (-39.5--8)
Turkmenistan	0 (0-0.1)	-2 (-33.4-0.2)	0 (0-0.1)	-2 (-32.8-4)	0 (0-0)	2.2 (-29.6-20.3)	0 (0-0)	-11.3 (-39.7-18.6)	0 (0-0)	12.7 (-40.3-81.3)	0 (0-0)	-12.5 (-38.9--5.1)
Uzbekistan	0 (0-0.1)	-3.6 (-33.1-0.6)	0 (0-0.1)	-2 (-31.6-6.2)	0 (0-0)	-0.1 (-32.2-18.1)	0 (0-0)	-12.6 (-43.2-15.9)	0 (0-0)	22 (-40.6-91)	0 (0-0)	-12.6 (-40.2--3.1)
Central Europe	0.1 (0.1-0.2)	4.3 (-31.6-35.2)	0.1 (0.1-0.1)	1.9 (-33.5-31.9)	0 (0-0)	-4 (-38.3-27.8)	0 (0-0)	-15.7 (-46.1-14)	0 (0-0)	-19.8 (-47.9-12)	0 (0-0)	-14.3 (-44.8-12)
Albania	0.3 (0.1-0.4)	0.2 (0-0.2)	0.1 (0.1-0.2)	3.4 (0.2-6.2)	0 (0-0)	3.7 (-9.4-17.8)	0 (0-0)	-1.5 (-24.1-25.7)	0 (0-0)	-9.7 (-35.4-39.3)	0 (0-0)	-33.9 (-37.7--30)
Bosnia and Herzegovina	0 (0-0.1)	0.2 (0-0)	0 (0-0.1)	0.8 (-3.1-3.8)	0 (0-0)	3 (-11.3-19.4)	0 (0-0)	-5.2 (-23.6-17.8)	0 (0-0)	-12.2 (-37.1-18.5)	0 (0-0)	-24.8 (-31.8--17.1)
Bulgaria	0 (0-0.1)	0.1 (0-0)	0 (0-0.1)	-3 (-6.7-0.8)	0 (0-0)	5.9 (-7.9-21.8)	0 (0-0)	-10.5 (-31.4-14.4)	0 (0-0)	-15.2 (-45.2-23.3)	0 (0-0)	-2.1 (-9.6-6.1)
Croatia	0 (0-0.1)	-0.4 (0-0)	0 (0-0.1)	0.8 (-2-5.1)	0 (0-0)	0.7 (-12-14.9)	0 (0-0)	-3.6 (-21.4-19.1)	0 (0-0)	-9.8 (-32.2-19)	0 (0-0)	-19.1 (-25.9--11.5)
Czechia	0 (0-0.1)	0 (0-0)	0 (0-0.1)	-0.2 (-3.6-3.1)	0 (0-0)	0.3 (-11.2-12.8)	0 (0-0)	-11.3 (-28.9-9.1)	0 (0-0)	-24.8 (-43.9-2.4)	0 (0-0)	0.7 (-8.8-11.5)
Hungary	0 (0-0.1)	-1.6 (-46.3-0)	0 (0-0.1)	-2.2 (-47.2-2.9)	0 (0-0)	-1.8 (-49.6-14.4)	0 (0-0)	-8.3 (-50.7-14.5)	0 (0-0)	-14.2 (-44.2-16.9)	0 (0-0)	-14 (-54.1--4.4)
Montenegro	0 (0-0.1)	2.2 (-0.1-99.6)	0 (0-0.1)	2.8 (-3.1-106)	0 (0-0)	4.1 (-12-105)	0 (0-0)	-1.7 (-23.2-74.5)	0 (0-0)	-7.7 (-33.1-31.6)	0 (0-0)	-17.4 (-26.1-61.3)
North Macedonia	0 (0-0.1)	-2.6 (0-0)	0 (0-0.1)	-1.3 (-3.8-5.9)	0 (0-0)	-0.5 (-14.1-19.6)	0 (0-0)	-8.9 (-31.1-21.1)	0 (0-0)	-12.7 (-39.1-27.1)	0 (0-0)	-22.4 (-28.4--12.4)
Poland	0.3 (0.2-0.6)	-3 (-40.7-34.7)	0.2 (0.1-0.4)	-3.3 (-41.3-34.5)	0 (0-0.1)	-6.5 (-42.3-32.6)	0 (0-0)	-21.7 (-51.3-11.8)	0 (0-0)	-28.4 (-55.7-7.9)	0 (0-0)	-18.9 (-50.1-12.8)
Romania	0 (0-0.1)	0 (0-0)	0 (0-0.1)	-1.6 (-5.1-2)	0 (0-0)	5.1 (-8.2-20.1)	0 (0-0)	-11.5 (-29.2-13.2)	0 (0-0)	-8.7 (-36-37.2)	0 (0-0)	-12 (-18.9--5.5)
Serbia	0 (0-0.1)	0 (0-0)	0 (0-0.1)	-0.5 (-4.3-3.3)	0 (0-0)	-4.3 (-18.3-10.6)	0 (0-0)	-4.6 (-26.1-20)	0 (0-0)	-11.7 (-39.7-22)	0 (0-0)	-23.8 (-31--16.4)
Slovakia	0 (0-0.1)	-1.4 (-41.5-0)	0 (0-0.1)	0.2 (-40-5.4)	0 (0-0)	2.5 (-36.7-19.7)	0 (0-0)	-10.3 (-39.3-16.8)	0 (0-0)	-16.2 (-39.9-19.4)	0 (0-0)	-11.3 (-44.5--1.4)
Slovenia	0 (0-0.1)	0 (0-0.4)	0 (0-0.1)	-0.2 (-3.2-2.9)	0 (0-0)	6.6 (-6-20.1)	0 (0-0)	-5.4 (-23-17.2)	0 (0-0)	-8.1 (-32.6-26.6)	0 (0-0)	-7.2 (-16.1-2.1)
Eastern Europe	0.1 (0-0.1)	0.3 (-0.9-2)	0 (0-0.1)	-0.8 (-2.7-1.3)	0 (0-0)	14.7 (8.7-21.2)	0 (0-0)	-10.3 (-16.5--2.3)	0 (0-0)	-6.4 (-18-7.9)	0 (0-0)	13.8 (6.9-19.8)
Belarus	0 (0-0.1)	0 (0-0)	0 (0-0.1)	-2.1 (-5.8-2)	0 (0-0)	10.8 (-3.2-28.3)	0 (0-0)	-8.2 (-27.8-18.3)	0 (0-0)	2.9 (-35.1-60.3)	0 (0-0)	6.6 (-2.8-17.1)
Estonia	0 (0-0.1)	-0.1 (0-0)	0 (0-0.1)	-0.1 (-4.2-3.6)	0 (0-0)	5.6 (-7.8-23.8)	0 (0-0)	-7.2 (-25.9-16.4)	0 (0-0)	-15.3 (-41.7-33.2)	0 (0-0)	1.1 (-7.9-12.5)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Latvia	0 (0-0.1)	0.6 (0-0)	0 (0-0.1)	-1.5 (-5.5-2.6)	0 (0-0)	6.8 (-9.2-24.4)	0 (0-0)	-7.5 (-27.3-19.3)	0 (0-0)	-8.4 (-43.9-50.5)	0 (0-0)	7.7 (-3.4-20.3)
Lithuania	0 (0-0.1)	-0.3 (0-0)	0 (0-0.1)	-0.4 (-4.2-3.9)	0 (0-0)	5.5 (-8.2-21.2)	0 (0-0)	-5.5 (-23.7-21.3)	0 (0-0)	-5.7 (-37-38.5)	0 (0-0)	-13.6 (-21.2--5)
Republic of Moldova	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0.7 (-3.5-4.5)	0 (0-0)	5.9 (-9.3-22.7)	0 (0-0)	-10.8 (-30.6-11.2)	0 (0-0)	-4.1 (-40-41.7)	0 (0-0)	-22.9 (-29.2--16.8)
Russian Federation	0.1 (0-0.1)	0 (-0.6-0)	0 (0-0.1)	-1.2 (-2.3--0.5)	0 (0-0)	17.3 (11.5-23.2)	0 (0-0)	-9.5 (-15.2--4)	0 (0-0)	-6.3 (-16.1-4.3)	0 (0-0)	21.1 (13.6-28.3)
Ukraine	0.1 (0-0.1)	-0.1 (0-0)	0 (0-0.1)	-0.6 (-4.1-2.8)	0 (0-0)	8.1 (-6.4-23)	0 (0-0)	-12.7 (-31.4-12.2)	0 (0-0)	-5.1 (-36.5-48.7)	0 (0-0)	-2.7 (-10.4-6.2)
High-income	15.3 (13.3-17.8)	-3.8 (-5.6--1.9)	13.7 (12-16)	-1.8 (-3.5-0.1)	10.3 (9.2-11.7)	-0.2 (-1.8-1.3)	6.5 (5.9-7.1)	3.2 (1.6-4.7)	2 (1.7-2.3)	4.3 (2.2-6.4)	5.5 (5-6)	-7.4 (-8.6--6.1)
Australasia	1.9 (1.4-2.5)	3.5 (-3.6-12.5)	1.4 (1.1-1.8)	2.2 (-4.8-11.1)	0.8 (0.6-1.1)	-0.8 (-7.7-7.2)	0.5 (0.4-0.6)	0.2 (-6.5-8.6)	0.1 (0.1-0.1)	-10.7 (-18.4--1.3)	0.4 (0.3-0.6)	-9.2 (-14.9--2)
Australia	1.5 (1.1-2)	-0.7 (-9.5-10.8)	1.1 (0.8-1.5)	-0.1 (-8.7-11.2)	0.7 (0.5-0.9)	-0.7 (-10.3-10.7)	0.4 (0.3-0.5)	-0.7 (-9.8-11.3)	0.1 (0-0.1)	-9.6 (-19.9-4)	0.4 (0.3-0.5)	-9.5 (-17.6-1)
New Zealand	3.7 (2.9-4.7)	17.8 (4.2-34.4)	2.8 (2.2-3.5)	14.3 (2.4-28.8)	1.6 (1.3-2)	1.8 (-9.3-13.7)	1 (0.8-1.3)	3 (-7.5-14.5)	0.2 (0.1-0.2)	-13.6 (-24.2--2.3)	0.9 (0.7-1.1)	-7.3 (-16.7-2.8)
High-income Asia Pacific	0.2 (0.2-0.3)	1.9 (-7.7-8.4)	0.2 (0.1-0.2)	1.3 (-8.5-7.9)	0.1 (0.1-0.1)	3.1 (-6.2-11.5)	0.1 (0-0.1)	-0.8 (-9.7-7.7)	0 (0-0)	-13.2 (-23.5--0.8)	0 (0-0.1)	-18.1 (-25.4--11)
Brunei Darussalam	0.4 (0.2-0.5)	-0.4 (-11.9-0.6)	0.2 (0.1-0.3)	0.7 (-11.3-9.3)	0.1 (0.1-0.1)	3.7 (-14.3-23.2)	0.1 (0-0.1)	2 (-16.3-22.3)	0 (0-0)	-5.4 (-27.2-20.3)	0.1 (0-0.1)	-16.7 (-28.5--4.7)
Japan	0.2 (0.1-0.3)	5.4 (-2.4-15.9)	0.1 (0.1-0.2)	5.2 (-2-15.5)	0.1 (0.1-0.1)	8.1 (0.4-19.2)	0 (0-0.1)	0.4 (-6.3-9.9)	0 (0-0)	-18.1 (-25.4--9.8)	0 (0-0.1)	-13.5 (-19.4--5.6)
Aichi	1 (0.7-1.3)	-0.2 (-13.2-14.9)	0.7 (0.5-1)	-0.3 (-12-14.2)	0.5 (0.4-0.6)	0.8 (-10.2-16.5)	0.3 (0.2-0.4)	-4.6 (-15.8-9.3)	0 (0-0)	-21.5 (-34.9--6.2)	0.2 (0.1-0.3)	-16.1 (-25.7--3.7)
Akita	0.1 (0-0.2)	-0.5 (-0.2-0)	0.1 (0-0.2)	-1.4 (-4.4-2.6)	0 (0-0.1)	-0.5 (-7.8-8.1)	0 (0-0.1)	-2.9 (-13.8-8)	0 (0-0)	-22.8 (-35.4--8.7)	0 (0-0)	-26.4 (-32.7--19.3)
Aomori	0.1 (0-0.2)	0.6 (-0.2-0)	0.1 (0-0.2)	1 (-3.6-3.6)	0 (0-0.1)	2.3 (-7.1-10.1)	0 (0-0.1)	-2.3 (-12.8-8.2)	0 (0-0)	-23.8 (-36.1--8.9)	0 (0-0)	-25.5 (-32.4--18.7)
Chiba	0.4 (0.2-0.5)	0.4 (-0.2-27.2)	0.3 (0.1-0.4)	0.3 (-5.1-27.1)	0.2 (0.1-0.2)	0.6 (-10-31.2)	0.1 (0.1-0.1)	-7.4 (-20.4-15.1)	0 (0-0)	-26.2 (-40.9--3.6)	0.1 (0-0.1)	-21.5 (-30.2--1.8)
Ehime	0.1 (0-0.2)	0.1 (-0.2-0)	0.1 (0-0.2)	0.8 (-3.5-3.8)	0 (0-0.1)	1.4 (-6.9-8.4)	0 (0-0.1)	-1.9 (-11.3-7.6)	0 (0-0)	-22.2 (-33.9--9.6)	0 (0-0)	-18.4 (-24.7--12.1)
Fukui	0.1 (0-0.2)	-0.3 (-0.2-0)	0.1 (0-0.2)	0.3 (-4.5-4.9)	0 (0-0.1)	0.4 (-11-10)	0 (0-0.1)	-2.5 (-15.8-8.6)	0 (0-0)	-20.5 (-36.2--6.3)	0 (0-0)	-18.2 (-28--9.9)
Fukuoka	0.1 (0-0.2)	2 (-0.2-0)	0.1 (0-0.1)	1.6 (-4.6-3.7)	0 (0-0.1)	3.6 (-6.6-11.1)	0 (0-0)	-2.8 (-14.7-6.9)	0 (0-0)	-20.7 (-32.9--4.2)	0 (0-0)	-13.8 (-22.8--6.7)
Fukushima	0.1 (0-0.2)	-0.4 (-0.2-0)	0.1 (0-0.2)	-0.4 (-3.9-4.1)	0 (0-0.1)	0.9 (-7.3-9.4)	0 (0-0.1)	-0.9 (-12.6-10.5)	0 (0-0)	-19.2 (-35.7--2.8)	0 (0-0)	-24.3 (-31.5--17.7)
Gifu	0.1 (0-0.2)	-1.4 (-0.2-0)	0.1 (0-0.2)	-1.6 (-3.6-3.4)	0 (0-0.1)	0.2 (-5.6-9.7)	0 (0-0.1)	-3.2 (-12.2-8.5)	0 (0-0)	-23 (-35.7--9.1)	0 (0-0)	-18.7 (-24.5--10.4)
Gunma	0.1 (0-0.2)	-1.3 (-6.4-0)	0.1 (0-0.2)	-1.5 (-6.6-3.7)	0 (0-0.1)	-0.5 (-11.2-9.1)	0 (0-0.1)	-4 (-15.5-8)	0 (0-0)	-23.2 (-39.6--8.1)	0 (0-0)	-20.3 (-28.9--11.8)
Hiroshima	0.1 (0-0.2)	0.4 (-0.2-0)	0.1 (0-0.2)	-0.1 (-4.4-3)	0 (0-0.1)	1.6 (-7-8.6)	0 (0-0.1)	-2.8 (-13.9-8.5)	0 (0-0)	-22.1 (-33.7--9.2)	0 (0-0)	-14.8 (-22.9--7)
Hokkaidō	0.1 (0-0.2)	-5 (-55-0)	0.1 (0-0.1)	-5.4 (-56.1-4.4)	0 (0-0.1)	-4.7 (-59.7-9.6)	0 (0-0)	-9.3 (-59.8-6.6)	0 (0-0)	-27.1 (-59.4--11.1)	0 (0-0)	-26.3 (-66.7--14.4)
Hyōgo	0.2 (0.1-0.3)	-1.5 (-35.3-0.2)	0.1 (0.1-0.2)	-1.7 (-33.8-4.1)	0.1 (0-0.1)	-0.4 (-27.9-11.1)	0 (0-0.1)	-5.4 (-33.6-7.9)	0 (0-0)	-21.7 (-51.2--3.6)	0 (0-0.1)	-19.3 (-44.8--9.2)
Ibaraki	0.3 (0.2-0.5)	-2.4 (-34.6-0.2)	0.2 (0.1-0.4)	-2.2 (-32.7-6.8)	0.1 (0.1-0.2)	-0.4 (-27.8-17.6)	0.1 (0-0.1)	-5.9 (-32.3-12.9)	0 (0-0)	-22.8 (-46.5--1.6)	0.1 (0-0.1)	-21.8 (-44.3--6.5)
Ishikawa	0.1 (0-0.2)	-1 (-0.2-0)	0.1 (0-0.2)	-1 (-4.7-4.2)	0 (0-0.1)	-1.6 (-9.6-9.6)	0 (0-0.1)	-4.6 (-15.8-7.4)	0 (0-0)	-24 (-37.6--10.1)	0 (0-0)	-18.1 (-25.8--9.3)
Iwate	0.1 (0-0.2)	-0.4 (-0.2-0)	0.1 (0-0.2)	-1.4 (-6.3-2.7)	0 (0-0.1)	1.5 (-6.9-10.3)	0 (0-0.1)	-2.5 (-11.4-8.2)	0 (0-0)	-18.5 (-31.6--3.3)	0 (0-0)	-21.4 (-27.9--13.6)
Kagawa	0.1 (0-0.2)	-3 (-0.5-0)	0.1 (0-0.2)	-3.5 (-9.1-2.9)	0 (0-0.1)	-2.8 (-12.4-8.2)	0 (0-0.1)	-5.1 (-17.5-7.6)	0 (0-0)	-25.5 (-42.8--10.4)	0 (0-0)	-19.9 (-28.5--10.3)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Kagoshima	0.1 (0-0.2)	-1.3 (-0.2-0)	0.1 (0-0.2)	-1.2 (-6.5-4.5)	0 (0-0.1)	0.4 (-12.4-12.7)	0 (0-0)	-3.3 (-16.6-11.6)	0 (0-0)	-18.8 (-37.3--1.8)	0 (0-0)	-18.6 (-27.5--8.8)
Kanagawa	0.1 (0-0.3)	-1.5 (-29.6-0)	0.1 (0-0.2)	-2.1 (-27.6-3.2)	0.1 (0-0.1)	-0.6 (-15.3-9.9)	0 (0-0.1)	-8.7 (-22-5.3)	0 (0-0)	-21.2 (-42.5--1.9)	0 (0-0.1)	-20.8 (-31.2--10.7)
Kōchi	0.1 (0-0.2)	0.9 (-0.2-0)	0.1 (0-0.2)	1.1 (-3.5-4.3)	0 (0-0.1)	0.5 (-7.6-9.1)	0 (0-0.1)	-3.4 (-13.6-9)	0 (0-0)	-24.3 (-37.2--7.3)	0 (0-0)	-19.1 (-26.2--11)
Kumamoto	0.1 (0-0.2)	-4.3 (-45-0)	0.1 (0-0.2)	-5 (-45.4-3.9)	0 (0-0.1)	-4 (-46-10.5)	0 (0-0.1)	-6.2 (-45.8-10.6)	0 (0-0)	-23.2 (-55.3--2.4)	0 (0-0)	-19.4 (-52.9--6.1)
Kyōto	0.1 (0-0.2)	0.5 (-23.7-10.7)	0.1 (0-0.2)	0.3 (-19-9.4)	0 (0-0.1)	1.4 (-15.8-15.3)	0 (0-0.1)	-5 (-19.7-10.2)	0 (0-0)	-23 (-38.6--3.6)	0 (0-0)	-17.2 (-30.3--5.3)
Mie	0.1 (0-0.2)	-0.2 (-0.2-0)	0.1 (0-0.2)	-1 (-6.2-4.1)	0 (0-0.1)	-0.8 (-9.9-9.8)	0 (0-0.1)	-3.3 (-13.8-11.6)	0 (0-0)	-20.8 (-33.9-5.2)	0 (0-0)	-18.7 (-26.1--7.1)
Miyagi	0.1 (0-0.2)	-1.7 (-0.2-0)	0.1 (0-0.2)	-2.6 (-4-2.5)	0 (0-0.1)	-1 (-6-7.7)	0 (0-0.1)	-5.3 (-13-5.8)	0 (0-0)	-21.2 (-33.4--5.8)	0 (0-0)	-21.5 (-26.8--13.1)
Miyazaki	0.1 (0-0.2)	0.1 (-0.2-0)	0.1 (0-0.2)	-0.7 (-6.6-4.5)	0 (0-0.1)	1.4 (-8.7-12)	0 (0-0.1)	-1.3 (-13.8-15)	0 (0-0)	-23.6 (-39.5--0.5)	0 (0-0)	-18.4 (-27--7.9)
Nagano	0.1 (0-0.2)	-0.5 (-9.7-0)	0.1 (0-0.2)	-1 (-6.8-3.8)	0 (0-0.1)	0.3 (-10.1-9.6)	0 (0-0.1)	-3.2 (-14.4-8.2)	0 (0-0)	-18.6 (-34--3.5)	0 (0-0)	-19 (-28--10.6)
Nagasaki	0.1 (0-0.2)	-1.8 (-11.9-0)	0.1 (0-0.2)	-2.4 (-12-3)	0 (0-0.1)	-1.5 (-12.5-8.7)	0 (0-0.1)	-2.1 (-22.9-11.5)	0 (0-0)	-22.3 (-39.9--6.8)	0 (0-0)	-21.1 (-33.8--11.9)
Nara	0.1 (0-0.2)	1 (-0.2-0)	0.1 (0-0.2)	0.1 (-4.3-3.1)	0 (0-0.1)	1.9 (-7.4-11.2)	0 (0-0.1)	-3.1 (-13.4-9.9)	0 (0-0)	-27 (-40.1--12.2)	0 (0-0)	-21.4 (-28.8--12.7)
Niigata	0.1 (0-0.2)	1.5 (-0.2-32.7)	0.1 (0-0.2)	1.2 (-4.4-27.9)	0 (0-0.1)	2.2 (-7.3-18)	0 (0-0.1)	-1.6 (-11.5-17.8)	0 (0-0)	-19.3 (-32-15.3)	0 (0-0)	-18 (-25.1--3.3)
Ōita	0.1 (0-0.2)	-2.4 (-16.2-0)	0.1 (0-0.2)	-1.6 (-13.1-4)	0 (0-0.1)	-1.4 (-10.4-9.2)	0 (0-0.1)	-4 (-19.4-9.6)	0 (0-0)	-24.2 (-41.6--8.8)	0 (0-0)	-18.5 (-29.3--8.9)
Okayama	0.1 (0-0.2)	-1.4 (-0.2-0)	0.1 (0-0.2)	-1.6 (-4.5-3.3)	0 (0-0.1)	0.3 (-7.7-11.8)	0 (0-0.1)	-4.3 (-15.8-7.7)	0 (0-0)	-23.1 (-36.7--8.2)	0 (0-0)	-16.1 (-24.4--7)
Okinawa	0.2 (0.1-0.4)	-1.8 (-16.3-0)	0.1 (0.1-0.3)	-3.3 (-13.6-3.6)	0.1 (0-0.2)	-2.7 (-13.8-10.4)	0 (0-0.1)	-5.3 (-22.2-10.2)	0 (0-0)	-16.8 (-39.9-9.4)	0 (0-0.1)	-18.8 (-30.7--8.1)
Ōsaka	0.1 (0-0.2)	-0.8 (-0.2-0)	0.1 (0-0.2)	-1.4 (-4.7-3.1)	0 (0-0.1)	0 (-7.8-8)	0 (0-0.1)	-7.4 (-16.8-3.9)	0 (0-0)	-24.7 (-35.9--7.7)	0 (0-0)	-19.8 (-26.9--11.4)
Saga	0.1 (0-0.2)	0 (-0.2-0)	0.1 (0-0.2)	-1.8 (-5.7-1.9)	0 (0-0.1)	-0.6 (-8.3-7.6)	0 (0-0.1)	-1.8 (-11.3-8.2)	0 (0-0)	-20.2 (-32.6--7.6)	0 (0-0)	-17.7 (-24.3--10.9)
Saitama	0.1 (0-0.2)	-1 (-0.2-0)	0.1 (0-0.1)	-1.4 (-5.8-3)	0 (0-0.1)	-0.8 (-9.4-7.8)	0 (0-0.1)	-7 (-17-4)	0 (0-0)	-26 (-38.5--13.5)	0 (0-0)	-21.5 (-28.5--13.2)
Shiga	0.1 (0-0.2)	-3.8 (-52.1-0)	0.1 (0-0.1)	-4.3 (-53.9-2.6)	0 (0-0.1)	-3 (-55.9-7.9)	0 (0-0.1)	-7.1 (-55.7-4.4)	0 (0-0)	-23.1 (-54.5--7.3)	0 (0-0)	-19.2 (-61--9.8)
Shimane	0.1 (0-0.2)	2.5 (-0.2-35.7)	0.1 (0-0.2)	3 (-3.6-26.9)	0 (0-0.1)	5.6 (-5.9-22.4)	0 (0-0.1)	2 (-11.1-25.6)	0 (0-0)	-19.5 (-31.7-2.4)	0 (0-0)	-12.2 (-21.9-4.5)
Shizuoka	0.1 (0-0.2)	-2.1 (-0.2-0)	0.1 (0-0.1)	-2.7 (-5.6-3.1)	0 (0-0.1)	-2.4 (-9.5-8.6)	0 (0-0.1)	-5.8 (-17.7-7.2)	0 (0-0)	-24.3 (-41.7--10.3)	0 (0-0)	-21.2 (-29.4--12)
Tochigi	0.1 (0-0.2)	-0.2 (-0.2-0)	0.1 (0-0.2)	-1 (-4.1-2.9)	0 (0-0.1)	0.6 (-6.9-8.8)	0 (0-0.1)	-3.4 (-13-6.2)	0 (0-0)	-22.2 (-35.4--9.1)	0 (0-0)	-19.1 (-26.2--12.4)
Tokushima	0.1 (0-0.2)	-1.9 (-0.2-0)	0.1 (0-0.2)	-1.6 (-4.4-3.9)	0 (0-0.1)	-1.5 (-8.9-8.7)	0 (0-0.1)	-4.4 (-15-6.8)	0 (0-0)	-23.3 (-39.7--8.4)	0 (0-0)	-20.7 (-27.8--11.9)
Tōkyō	0.3 (0.1-0.4)	-1.9 (-28.7-0)	0.2 (0.1-0.3)	-2.4 (-27.2-3.2)	0.1 (0.1-0.2)	-0.6 (-23.1-10)	0.1 (0-0.1)	-8.7 (-30.6-3.2)	0 (0-0)	-15.7 (-39.5--0.7)	0.1 (0-0.1)	-13.5 (-34.6--3.6)
Tottori	0.1 (0-0.2)	0.1 (-0.2-0)	0.1 (0-0.2)	0.4 (-3.5-4.2)	0 (0-0.1)	3 (-5-12.2)	0 (0-0.1)	-3 (-12.2-8.1)	0 (0-0)	-20.9 (-32.2--8.5)	0 (0-0)	-15.9 (-22.2--8.2)
Toyama	0.1 (0-0.2)	0.5 (-0.2-0)	0.1 (0-0.2)	-0.3 (-4.3-2.9)	0 (0-0.1)	1.8 (-5.8-10.1)	0 (0-0.1)	-2.7 (-13.1-7.6)	0 (0-0)	-23.2 (-36--8.1)	0 (0-0)	-17.4 (-25.3--10.3)
Wakayama	0.1 (0-0.2)	-1.2 (-0.2-0)	0.1 (0-0.2)	-1.1 (-4.3-3.6)	0 (0-0.1)	-0.2 (-8-8.7)	0 (0-0.1)	-3.9 (-14.3-6.4)	0 (0-0)	-22.6 (-34.9--8.4)	0 (0-0)	-20 (-26.7--12.2)
Yamagata	0.1 (0-0.2)	-0.9 (-27-48)	0.1 (0-0.2)	-2.3 (-27.9-43.8)	0 (0-0.1)	-0.6 (-32.6-28.7)	0 (0-0.1)	-2.9 (-34.3-29)	0 (0-0)	-21.1 (-46-26.3)	0 (0-0)	-21.1 (-46.1-7.6)
Yamaguchi	0.1 (0-0.2)	-0.4 (-0.2-0)	0.1 (0-0.2)	-0.4 (-4.8-4.7)	0 (0-0.1)	0.1 (-10.1-11.5)	0 (0-0.1)	-3.1 (-14.8-9.8)	0 (0-0)	-26 (-39.7--9)	0 (0-0)	-17.6 (-26.3--8.5)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Yamanashi	0.1 (0-0.2)	0.4 (-0.2-0)	0.1 (0-0.2)	-1 (-5.1-3.8)	0 (0-0.1)	0.5 (-6.8-9.1)	0 (0-0.1)	-1.2 (-10.1-10.4)	0 (0-0)	-17.2 (-30--2.5)	0 (0-0)	-21.3 (-27.7--13.9)
Republic of Korea	0.3 (0.2-0.5)	-1.4 (-18.9--0.8)	0.2 (0.1-0.3)	-1.1 (-18.1-7.3)	0.1 (0.1-0.1)	-2.1 (-20.4-14.1)	0.1 (0-0.1)	-3.4 (-22.1-16.2)	0 (0-0)	-4 (-26.5-24.1)	0 (0-0.1)	-29 (-41.9--16.7)
Singapore	0.3 (0.2-0.4)	-0.2 (-11.5-11.2)	0.2 (0.1-0.3)	-0.9 (-12.2-10.8)	0.1 (0.1-0.2)	-5.5 (-18.4-9.5)	0.1 (0-0.1)	-9.1 (-23.1-8.1)	0 (0-0)	-8.6 (-27.8-13.8)	0.1 (0-0.1)	-22 (-33.4--9.9)
High-income North America	20.2 (18.5-22)	-3.8 (-5.7--2.3)	19.6 (18-21.4)	-2.7 (-4.5--1.1)	18.4 (16.8-20)	-2.8 (-4.6--1.4)	15.1 (13.9-16.4)	2.6 (0.7-4.3)	4.9 (4.2-5.7)	1.2 (-1-3.5)	12 (11.1-13)	-7.9 (-9.6--6.4)
Canada	0.5 (0.3-0.7)	10.5 (-35.9-60.2)	0.5 (0.3-0.7)	10.6 (-36-59.6)	0.4 (0.3-0.6)	10.5 (-36.3-58.8)	0.3 (0.2-0.5)	8.7 (-37.9-52.1)	0.1 (0.1-0.1)	-3.8 (-46.1-29.8)	0.3 (0.2-0.4)	-3 (-44.6-36.1)
Greenland	0.2 (0-0.6)	9.4 (0-323)	0.2 (0-0.6)	9.9 (-0.6-320)	0.2 (0-0.5)	9.4 (-2-316)	0.1 (0-0.3)	14.4 (0.9-309)	0 (0-0.1)	6.3 (-8.1-225)	0.1 (0-0.3)	-5.2 (-15.7-240)
United States of America	22.2 (20.4-24.2)	-2.1 (-4--0.6)	21.6 (19.8-23.6)	-1.6 (-3.5--0.1)	20.3 (18.6-22.1)	-2.5 (-4.2--1.1)	16.7 (15.4-18.1)	2.3 (0.5-4)	5.5 (4.7-6.4)	2.4 (0.1-4.7)	13.3 (12.3-14.4)	-7.5 (-9.1--6)
Alabama	45.2 (41.2-49.9)	-3.2 (-9.4-3.1)	43.9 (39.9-48.4)	-3 (-9-3.5)	41.4 (37.6-45.7)	-2.2 (-8.1-4.2)	32.7 (29.9-35.8)	2.4 (-3.3-8.4)	10 (8.5-11.6)	2.6 (-4.8-9.8)	26.1 (24-28.5)	-6.9 (-12.2--1.4)
Alaska	7.6 (5-11.1)	-5.2 (-14.3-3.3)	7.4 (4.8-10.8)	-4.8 (-13.8-3.8)	6.9 (4.5-10)	-4 (-13-4.4)	5.3 (3.5-7.7)	3.7 (-5.7-12.8)	1.4 (0.8-2.1)	-10.1 (-19.1-0.4)	4.4 (2.9-6.3)	-12.6 (-20.9--5.4)
Arizona	11.8 (10.5-13.1)	7.3 (-0.1-14.9)	11.5 (10.2-12.8)	7.3 (0-14.9)	10.9 (9.7-12.1)	7.7 (0.5-15.2)	8.8 (7.9-9.8)	10.6 (3.2-18.1)	2.7 (2.2-3.3)	8 (0.4-15.3)	7 (6.3-7.8)	-0.4 (-7-6.2)
Arkansas	29 (25.5-32.6)	-9.2 (-15.6--3)	28.1 (24.8-31.7)	-9 (-15.4--2.8)	26.5 (23.2-29.9)	-8.3 (-14.8--2.2)	21.1 (18.6-23.6)	-3.9 (-10.5-2.2)	6 (4.8-7.2)	-1.3 (-8.5-6.1)	16.7 (14.8-18.7)	-11.3 (-17.3--5.9)
California	9.8 (9-10.8)	-2.1 (-7.9-4.5)	9.6 (8.7-10.5)	-2 (-7.9-4.7)	9.2 (8.4-10.1)	-1.6 (-7.5-4.9)	7.6 (7-8.3)	1.5 (-4.3-7.6)	2.8 (2.5-3.3)	1.4 (-4.9-7.8)	6.3 (5.7-6.8)	-8.3 (-13.6--2.7)
Colorado	5.3 (4.3-6.3)	-9.9 (-17.8--3)	5.1 (4.2-6.1)	-9.8 (-17.6--2.8)	4.9 (4-5.8)	-9.3 (-16.9--2.2)	3.9 (3.3-4.7)	-5.3 (-13.2-2)	1.3 (0.9-1.7)	-9.1 (-17.4--0.6)	3.2 (2.6-3.8)	-15.9 (-22.7--9.1)
Connecticut	21.2 (19-23.7)	-3.1 (-8.8-4)	20.7 (18.6-23.1)	-3 (-8.5-4.1)	19.9 (17.8-22.1)	-2.5 (-8.1-4.5)	16.1 (14.6-17.8)	3.1 (-2.8-9.6)	5.1 (4.3-6.1)	3.3 (-2.8-9.9)	12.3 (11.1-13.6)	-9.2 (-14.3--3.4)
Delaware	46.7 (41.7-52)	0.2 (-6-7.7)	45.5 (40.6-50.5)	0.4 (-5.9-7.9)	43.2 (38.7-48.2)	0.9 (-5.5-8.4)	34.8 (31.3-38.8)	5.8 (-0.8-13.1)	10.7 (9-12.6)	4 (-2.8-11.7)	26.9 (24.2-29.7)	-6.7 (-12.5-0)
District of Columbia	69.1 (55.9-81.8)	-20 (-27.5--11.6)	66.5 (53.5-79)	-19.5 (-26.9--11)	62.1 (50.1-73.6)	-18.5 (-25.6--9.6)	44.9 (36.9-52.7)	-17.2 (-24--9.6)	11.8 (9.1-15)	-2.2 (-10-6.4)	38.4 (31.7-44.9)	-18.5 (-25.3--11)
Florida	43.6 (40-47.6)	-4.8 (-10.4-1.1)	42.3 (38.8-46.2)	-4.6 (-10.3-1.2)	40.1 (36.6-43.7)	-3.9 (-9.7-1.9)	32.2 (29.7-34.9)	0.8 (-4.4-6.4)	10 (8.7-11.5)	6.5 (1-12.4)	24.5 (22.7-26.6)	-7.5 (-12.3--2.5)
Georgia	46.8 (42.8-51.3)	0.4 (-5-6.2)	45.5 (41.5-49.8)	0.6 (-4.9-6.2)	43 (39.3-47)	1.3 (-4-6.9)	34.8 (32-38)	6.2 (0.3-11.9)	11.6 (10.1-13.4)	4.7 (-1.2-10.8)	28.5 (26.3-31)	-5 (-10.1-0.2)
Hawaii	1.9 (0.7-4.1)	-34.9 (-72.7--14.9)	1.9 (0.6-4)	-34.7 (-72.7--14.6)	1.8 (0.6-3.8)	-34.4 (-72.5--13.8)	1.4 (0.5-3.1)	-31.8 (-71.3--10.1)	0.4 (0.1-1)	-32.6 (-70.7--10.5)	1.1 (0.4-2.4)	-39 (-74.2--19.5)
Idaho	1.4 (1-2)	1.5 (-11-16.2)	1.4 (1-1.9)	1.8 (-10.8-16.2)	1.3 (0.9-1.8)	2.8 (-9.8-17.6)	1 (0.7-1.4)	6.4 (-7.2-22)	0.2 (0.1-0.3)	6.9 (-8.7-28.2)	0.8 (0.6-1.1)	-3.6 (-15.9-10.5)
Illinois	15.2 (13.7-16.7)	-11.3 (-16.7--5.5)	14.8 (13.4-16.2)	-11.1 (-16.5--5.4)	14.1 (12.7-15.5)	-10.3 (-15.7--4.5)	11.4 (10.4-12.5)	-5.5 (-10.8-0.2)	3.7 (3.1-4.4)	-1.1 (-6.6-5.8)	9.1 (8.3-10)	-15.1 (-19.7--9.8)
Indiana	14.9 (13.6-16.5)	-4.8 (-11.2-1.6)	14.5 (13.2-16)	-4.7 (-11.1-1.8)	13.8 (12.5-15.2)	-3.9 (-10.1-2.5)	11 (10-12.1)	1.6 (-4.5-7.7)	3.4 (2.8-4)	3.8 (-3.7-11.2)	8.8 (8-9.7)	-8.1 (-13.5--2.5)
Iowa	9.7 (8.3-11.3)	6.6 (-0.5-14.8)	9.5 (8.1-11)	6.6 (-0.5-15.1)	9 (7.6-10.5)	7.2 (-0.1-15.6)	7.4 (6.2-8.5)	11.4 (4.2-20.1)	2.2 (1.6-2.7)	11.7 (3.4-21.4)	5.8 (4.9-6.7)	2.5 (-4.1-10.1)
Kansas	9.5 (7.9-11.3)	-9.9 (-16.9--2.9)	9.2 (7.7-11)	-9.7 (-16.8--2.8)	8.8 (7.3-10.5)	-9 (-16--2)	7.2 (6-8.6)	-4.4 (-11.5-3.1)	2.3 (1.8-2.9)	-0.3 (-8.9-9)	5.8 (4.9-7)	-12.1 (-18.9--5.2)
Kentucky	8.3 (7.2-9.4)	-2.2 (-8.5-4.2)	8.1 (7-9.2)	-2 (-8.5-4.3)	7.7 (6.7-8.8)	-1.3 (-7.8-5.1)	6.1 (5.3-6.9)	2.9 (-3.9-9.8)	1.8 (1.4-2.2)	2.9 (-6.1-11.1)	4.8 (4.2-5.4)	-6.8 (-12.9--0.6)
Louisiana	32.6 (29.6-35.8)	-12.2 (-18.2--5.8)	31.7 (28.6-34.7)	-12 (-18.1--5.6)	29.8 (26.9-32.8)	-11 (-17.3--4.4)	23.7 (21.5-25.8)	-6.3 (-12.5-0.1)	7.8 (6.8-9.1)	-0.8 (-7.7-6.5)	19.5 (17.8-21.2)	-14.7 (-20.2--9.2)
Maine	0.8 (0.4-1.4)	-46.8 (-70.7--21.8)	0.7 (0.4-1.4)	-46.5 (-70.5--21.1)	0.7 (0.3-1.3)	-46.2 (-70.2--20.6)	0.5 (0.3-1)	-43.1 (-68.7--14.8)	0.1 (0.1-0.2)	-46.2 (-69.3--15.1)	0.4 (0.2-0.7)	-52.5 (-73.4--28.8)
Maryland	57.2 (52.7-62.7)	-1.4 (-7.5-4.9)	55.8 (51.2-61)	-1.2 (-7.4-5)	53.3 (48.8-58.2)	-0.7 (-6.7-5.4)	43.5 (40-47.1)	3.5 (-2.5-9.8)	14.5 (12.6-16.8)	-0.8 (-6.7-5)	34.8 (32.2-37.6)	-7.2 (-12.4--1.7)
Massachusetts	15.4 (13.8-17.2)	-8.2 (-14.4--2.1)	15 (13.5-16.8)	-8.1 (-14.3--1.8)	14.4 (12.9-16)	-7.5 (-13.5--1.2)	11.9 (10.7-13.2)	-2.3 (-8.4-3.7)	3.8 (3.1-4.5)	2.7 (-4.1-9.6)	9.2 (8.3-10.2)	-12.5 (-17.9--6.9)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Michigan	22 (20.2-24.1)	-4.4 (-9.7-1.4)	21.5 (19.7-23.5)	-4.2 (-9.5-1.4)	20.5 (18.8-22.3)	-3.6 (-8.9-1.9)	16.6 (15.3-17.9)	1.8 (-3.6-7.7)	5.4 (4.7-6.2)	1.3 (-4.3-7)	12.9 (12-14)	-11.1 (-15.8--6.2)
Minnesota	8.2 (7-9.8)	-6.2 (-13.4-3)	8.1 (6.8-9.6)	-6.1 (-13.4-3.1)	7.7 (6.4-9.2)	-5.5 (-12.8-3.7)	6.3 (5.3-7.4)	-1 (-8.7-8.2)	2.1 (1.6-2.6)	1.2 (-7.9-11.7)	5 (4.2-5.9)	-11.1 (-18.1--3)
Mississippi	48.7 (44.2-53.6)	-6.7 (-12.7--0.1)	47.2 (42.6-52.1)	-6.5 (-12.4-0.1)	44.2 (39.9-48.7)	-5.5 (-11.1-1.3)	34.4 (31.4-37.5)	-0.6 (-6.1-5.7)	10 (8.5-11.7)	3.7 (-2.2-10.5)	27.8 (25.4-30.2)	-10.6 (-15.7--5)
Missouri	20.5 (18.6-22.7)	-6.3 (-12.6-0.4)	20 (18-22)	-6.1 (-12.3-0.5)	18.9 (17.1-20.9)	-5.3 (-11.3-1.2)	15 (13.6-16.6)	0 (-5.9-6.6)	4.6 (3.9-5.4)	2.8 (-3.9-8.9)	11.9 (10.8-13.1)	-9.7 (-14.8--3.9)
Montana	0.7 (0.3-1.3)	-3.5 (-33.8-34.7)	0.7 (0.3-1.3)	-3.4 (-33.6-34.9)	0.7 (0.3-1.2)	-2.5 (-33.3-35.9)	0.5 (0.2-0.9)	3.3 (-30-42.8)	0.1 (0.1-0.3)	-2.5 (-39.8-28.9)	0.4 (0.2-0.7)	-9.9 (-38.7-26)
Nebraska	5.7 (4.1-7.6)	-24.7 (-33.7--15.3)	5.5 (4-7.4)	-24.7 (-33.7--15.2)	5.3 (3.8-7)	-24.1 (-33--14.5)	4.4 (3.2-5.8)	-19.9 (-29--9.9)	1.4 (1-2)	-14.6 (-24.6--2.9)	3.6 (2.6-4.7)	-25.6 (-34.1--16.1)
Nevada	19.3 (17-21.9)	-0.5 (-8-6.7)	18.8 (16.6-21.4)	-0.4 (-8-6.8)	17.9 (15.8-20.3)	0.2 (-7.5-7.4)	14.6 (12.8-16.4)	4.8 (-3.5-12)	4.6 (3.7-5.5)	0.8 (-7.5-9.1)	11.7 (10.4-13.2)	-5.2 (-12.6-1.5)
New Hampshire	1.6 (1.1-2.4)	1 (-10.3-18)	1.6 (1-2.3)	0.7 (-10.4-17.7)	1.5 (1-2.2)	1.5 (-9.8-18.9)	1.2 (0.8-1.7)	9 (-2.4-28.1)	0.3 (0.2-0.5)	7.9 (-4-35.6)	0.9 (0.6-1.3)	-9.8 (-19.4-6.4)
New Jersey	29.8 (27.3-32.7)	-5.2 (-11.2-0.3)	29.1 (26.7-31.9)	-5 (-11.1-0.6)	27.8 (25.5-30.4)	-4.5 (-10.4-1.1)	22.6 (20.7-24.4)	0.2 (-5.3-5.4)	7.7 (6.7-8.9)	2.8 (-2.3-8.8)	17.9 (16.5-19.4)	-9.3 (-14.2--4.5)
New Mexico	3 (2.1-4)	-3.9 (-11.8-7.4)	2.9 (2.1-3.9)	-3.6 (-11.4-7.7)	2.7 (1.9-3.7)	-3 (-10.7-8.4)	2.1 (1.5-2.8)	3 (-5.1-14.3)	0.5 (0.3-0.7)	-1.2 (-10.9-10.3)	1.6 (1.1-2.2)	-11.4 (-18.4--2.2)
New York	37.3 (34.2-40.9)	-1.7 (-7.6-3.8)	36.7 (33.6-40.2)	-1.6 (-7.4-3.8)	35.5 (32.5-38.9)	-1.2 (-6.9-4.5)	30.2 (27.7-32.8)	1.9 (-3.9-7.3)	11.3 (9.7-13)	2.4 (-2.8-8.2)	24.1 (22.3-26.2)	-6.7 (-11.4--2.1)
North Carolina	36 (33.1-39.2)	-3.9 (-9.8-1.6)	35 (32.1-38)	-3.8 (-9.8-1.6)	33.2 (30.3-36.1)	-3.2 (-9.1-2)	26.7 (24.6-28.9)	1.1 (-5-6.7)	8.4 (7.3-9.7)	-0.2 (-5.9-6.1)	21.2 (19.7-22.9)	-8.9 (-14.2--4.1)
North Dakota	0.5 (0.1-1.2)	-9.8 (-56.7-0)	0.5 (0.1-1.2)	-9.6 (-56.5-0.5)	0.5 (0.1-1.1)	-8.9 (-56.2-1.8)	0.4 (0.1-0.9)	-4.8 (-53.4-7.4)	0.1 (0-0.3)	0.2 (-48.9-16.4)	0.3 (0.1-0.7)	-10.5 (-55.8-1)
Ohio	17.1 (15.5-18.7)	-4.7 (-11-0.7)	16.6 (15.1-18.2)	-4.6 (-11-0.8)	15.8 (14.3-17.3)	-3.9 (-10.4-1.7)	12.7 (11.6-13.9)	1.8 (-4.7-7.6)	4.1 (3.5-4.8)	4.4 (-2.5-11.3)	10 (9.1-10.9)	-8.9 (-14.7--4)
Oklahoma	8.8 (7.5-10.2)	-16 (-22.2--9.6)	8.5 (7.3-10)	-15.8 (-22.1--9.4)	8.1 (6.8-9.4)	-14.9 (-21--8.5)	6.4 (5.5-7.5)	-10 (-15.7--3.2)	1.8 (1.4-2.3)	-4.8 (-12.7-4)	5.2 (4.4-6)	-16.7 (-22.2--10.5)
Oregon	4.5 (3.6-5.5)	-3.3 (-10.9-5.9)	4.4 (3.5-5.4)	-3 (-10.7-6.3)	4.2 (3.3-5.1)	-2.4 (-10.1-6.9)	3.3 (2.6-4)	1.3 (-6.9-10.9)	0.9 (0.6-1.2)	-0.1 (-10.3-10.6)	2.5 (2-3.1)	-10.2 (-17--2.4)
Pennsylvania	14 (12.7-15.4)	-5.6 (-11.6-1.5)	13.6 (12.4-15)	-5.4 (-11.3-1.7)	13 (11.8-14.3)	-4.7 (-10.7-2.4)	10.4 (9.5-11.4)	1.4 (-4.5-8.8)	3.1 (2.6-3.7)	5.6 (-1.6-13.2)	8 (7.3-8.8)	-8.5 (-13.7--2.1)
Rhode Island	19 (15.5-22.9)	-9 (-16.7--1.6)	18.6 (15-22.4)	-8.9 (-16.7--1.5)	17.8 (14.4-21.4)	-8.5 (-16.2--1)	14.9 (12.1-17.9)	-4 (-12-3.8)	4.9 (3.8-6.2)	3.4 (-6.1-13.7)	11.4 (9.4-13.7)	-13.6 (-20.7--6.4)
South Carolina	39.5 (35.9-43.2)	-10.9 (-16.6--5.1)	38.4 (34.8-42)	-10.7 (-16.4--4.9)	36.3 (32.8-39.7)	-9.8 (-15.6--4.1)	29 (26.6-31.6)	-4.8 (-10.9-1)	9.4 (8.2-11)	-4 (-10-2.3)	23.1 (21.2-25.1)	-14.7 (-20.1--9.7)
South Dakota	1.8 (0.9-3.1)	-0.7 (-10.6-12.2)	1.8 (0.9-3.1)	-0.3 (-10.3-12.7)	1.7 (0.9-2.9)	0.7 (-8.9-13.5)	1.3 (0.7-2.2)	6.5 (-3.5-20.2)	0.3 (0.1-0.5)	14.7 (-2.3-33.2)	1 (0.5-1.7)	-3.4 (-12.3-8.7)
Tennessee	23 (21-25.2)	-3.5 (-9.5-3.5)	22.3 (20.3-24.5)	-3.6 (-9.5-3)	21.1 (19.1-23.2)	-4.1 (-9.6-2.3)	16.5 (15-18)	0.8 (-5-7.2)	4.8 (4-5.7)	0.1 (-6-6.6)	13.1 (12-14.3)	-8.9 (-14.1--3.5)
Texas	22.8 (20.7-25.1)	4.9 (-1.1-10.9)	22.2 (20.1-24.5)	4.7 (-1.2-10.7)	21.1 (19.1-23.3)	4.8 (-1.1-10.7)	17.2 (15.7-18.8)	8.3 (2.1-14.2)	5.7 (4.9-6.7)	5.6 (-1.1-11.9)	14.5 (13.4-15.8)	-0.6 (-6.1-4.4)
Utah	3 (2.3-3.9)	-7.2 (-15.1-0.9)	3 (2.3-3.8)	-7.1 (-15-0.9)	2.8 (2.2-3.7)	-6.5 (-14.2-1.4)	2.4 (1.8-3.1)	-4.5 (-12.4-4.1)	0.8 (0.6-1.1)	-1.4 (-11-8.2)	2.1 (1.6-2.7)	-10.3 (-17.9--2.1)
Vermont	4.9 (2.9-7.8)	6.2 (-8.4-21.2)	4.8 (2.8-7.7)	6.1 (-8.2-21.1)	4.6 (2.7-7.3)	6.6 (-7.5-21.5)	3.9 (2.3-6.1)	10.9 (-3-25.8)	1.4 (0.8-2.1)	6.7 (-3.6-20.8)	2.9 (1.7-4.5)	-4.1 (-14.8-8.2)
Virginia	29.7 (27.1-32.4)	-2.9 (-8.7-2.8)	29 (26.3-31.6)	-2.8 (-8.5-3)	27.5 (25-30.1)	-2.1 (-7.7-3.6)	22.4 (20.4-24.4)	2.5 (-3.5-7.9)	7.5 (6.5-8.8)	0.5 (-5.3-7.1)	18 (16.5-19.6)	-7.5 (-12.7--2.2)
Washington	6.5 (5.6-7.4)	2.7 (-4.5-10.7)	6.3 (5.5-7.2)	2.8 (-4.5-11)	6.1 (5.2-6.9)	3.3 (-3.8-11.6)	4.9 (4.3-5.6)	6.7 (-0.6-14.3)	1.5 (1.2-1.9)	2.6 (-5.4-10.9)	3.9 (3.4-4.4)	-4.5 (-10.9-2.4)
West Virginia	4.8 (3.6-6.2)	-9.2 (-15.8--3)	4.7 (3.5-6)	-9.2 (-16--2.9)	4.4 (3.3-5.7)	-8.4 (-15.2--1.9)	3.5 (2.7-4.5)	-4.2 (-11.4-3.5)	0.9 (0.6-1.3)	-4.8 (-13.3-6.1)	2.6 (2-3.3)	-14.2 (-20.8--7.1)
Wisconsin	11.4 (9.9-12.9)	-11.6 (-17.8--5.3)	11.2 (9.6-12.6)	-11.5 (-17.7--5.2)	10.6 (9.2-12.1)	-10.9 (-17--4.7)	8.7 (7.5-9.8)	-6.5 (-13--0.1)	2.6 (2.1-3.2)	-3.3 (-9.3-3.7)	6.7 (5.8-7.6)	-16.7 (-22--10.8)
Wyoming	2.4 (1.1-4.7)	-41.8 (-57.4--28.4)	2.4 (1-4.6)	-41.7 (-57.4--28.4)	2.2 (1-4.3)	-41.3 (-57.1--27.8)	1.8 (0.8-3.4)	-38.1 (-54.9--24)	0.5 (0.2-0.9)	-40.3 (-58.4--27.3)	1.4 (0.6-2.7)	-44.4 (-59.6--31.9)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Southern Latin America	0.7 (0.6-0.9)	25.6 (12.4-56.2)	0.4 (0.3-0.5)	26.1 (14-52.1)	0.2 (0.1-0.2)	24.3 (11.3-47)	0.1 (0.1-0.1)	22.9 (9.2-45.2)	0 (0-0)	41.1 (20.4-73.2)	0.1 (0.1-0.2)	12 (0.8-32.7)
Argentina	0.3 (0.2-0.5)	0.8 (-7.9-39.5)	0.2 (0.1-0.3)	-0.8 (-10-37.7)	0.1 (0-0.1)	0.7 (-19.1-25.5)	0 (0-0.1)	-2.1 (-24.6-25)	0 (0-0)	-3 (-27.4-29.8)	0.1 (0-0.1)	-9.8 (-26.8-15.9)
Chile	2 (1.5-2.5)	52.6 (31-100)	1.2 (1-1.6)	51.4 (31.3-97.4)	0.5 (0.4-0.7)	49.3 (29.8-82.4)	0.3 (0.2-0.4)	46.9 (26.7-78.9)	0.1 (0-0.1)	41.5 (17.4-85.6)	0.3 (0.2-0.4)	25.2 (9.3-55.7)
Uruguay	0.3 (0.2-0.5)	-0.3 (-12.4--0.2)	0.2 (0.1-0.3)	-0.5 (-12.9-9.4)	0.1 (0-0.1)	-0.7 (-15.8-22.7)	0 (0-0.1)	-0.9 (-18.9-23.9)	0 (0-0)	-1.7 (-22.9-28.3)	0 (0-0.1)	-10.3 (-23.2-6.7)
Western Europe	19.7 (15.5-25)	-9.8 (-12.9--6.3)	16.6 (13.3-20.8)	-7.5 (-10.5--4.1)	9 (7.3-11.2)	-3.8 (-6.9--0.7)	3.2 (2.5-4)	-8.7 (-11.9--5.6)	1.1 (0.8-1.3)	-7.4 (-10.6--4.3)	3.6 (3-4.3)	-13.9 (-16.4--11.5)
Andorra	13 (9.4-17.9)	1 (-9-10.6)	10.9 (8-15)	0.9 (-9.2-10.4)	5.6 (4.2-7.5)	-2.2 (-10.3-7.4)	2.1 (1.6-2.8)	-0.9 (-8.7-7.7)	0.8 (0.6-1.1)	2.6 (-5.5-12.1)	2.2 (1.7-2.8)	-15.6 (-21.7--8.7)
Austria	18.6 (16-21.8)	46.7 (32.9-61.6)	16.2 (14.1-18.7)	45.9 (31.9-59.7)	9.7 (8.4-11.2)	33.7 (23.6-44.2)	2.7 (2.2-3.3)	8.7 (-0.1-17.7)	0.9 (0.7-1.1)	-2.8 (-12.1-6.5)	3.3 (2.9-3.8)	10.9 (3.4-18.2)
Belgium	10 (7.4-13.4)	-4.8 (-13.5-6.8)	8.2 (6.1-10.9)	-4.4 (-13.5-6)	3.6 (2.8-4.8)	-2.5 (-10.9-7.1)	1.1 (0.8-1.5)	-0.5 (-10.5-12.6)	0.3 (0.2-0.5)	-2.7 (-14.4-10.5)	1.5 (1.2-1.9)	-7.5 (-15-0.6)
Cyprus	14.1 (10-19.6)	0.8 (-11.3-11.5)	11.7 (8.4-16.5)	1.8 (-9.5-12.1)	6 (4.5-8.2)	2 (-8.1-11.3)	2.1 (1.5-2.7)	-4.4 (-12.4-5)	0.8 (0.6-1)	-5.3 (-14.6-4.5)	2.6 (2-3.4)	-13.4 (-20.5--5.8)
Denmark	12.7 (9.1-17.2)	1.2 (-9-11.2)	10.8 (7.9-14.8)	1.8 (-8.5-11.5)	5.9 (4.3-7.9)	-1.6 (-10-8.3)	2.3 (1.7-3)	3 (-5.1-12.2)	0.7 (0.5-1)	-6.2 (-14.8-3.3)	2.5 (1.9-3.2)	-7.9 (-14.9-0)
Finland	12.9 (9.1-17.8)	0.5 (-10.5-13.2)	11.2 (8-15.4)	0.5 (-9.5-12.7)	6.3 (4.7-8.3)	0 (-8.8-10.8)	2.2 (1.6-2.9)	1.3 (-7.4-10)	0.7 (0.5-0.9)	-13.3 (-21.7--4.5)	2.4 (1.9-3)	-11.4 (-18.3--3.3)
France	35 (27.5-44)	-9.5 (-17.2--0.9)	28.8 (23-36.2)	-9.2 (-17.2--1.1)	14.2 (11-18.2)	-2.9 (-11.6-6.1)	4.8 (3.6-6.3)	2.9 (-6.7-13.4)	1.5 (1.1-2)	-3 (-12.4-7.6)	5.9 (4.8-7.2)	-10.9 (-17.8--4)
Germany	10.1 (8.4-12.2)	0.1 (-8.4-8.3)	8.7 (7.2-10.4)	0.2 (-8.3-8.3)	5.3 (4.4-6.4)	1.9 (-5.8-10.6)	2 (1.6-2.5)	1.5 (-6.2-9.9)	0.6 (0.5-0.8)	-2.6 (-10.9-6.9)	2 (1.7-2.3)	-7.9 (-13.8--1.3)
Greece	81.7 (65.9-100)	-5.8 (-17.1-6.8)	69.4 (56.8-84.4)	-5.8 (-16.4-6.1)	41.7 (35.5-49.3)	-7.4 (-15.3-1.3)	19 (16.4-21.8)	-12 (-18.2--5.3)	5.9 (4.8-7.2)	-14.2 (-20.1--7.3)	17.6 (15.3-20)	-18.5 (-24.3--12.3)
Iceland	12.2 (8.8-16.5)	1.1 (-6.8-11.4)	10.6 (7.6-14.3)	1.4 (-6.2-12)	6 (4.4-8)	0.3 (-6.9-8.8)	2.2 (1.6-2.9)	-0.7 (-8.1-7.6)	0.8 (0.6-1.1)	-2 (-9.4-7)	2.7 (2.1-3.5)	-12.1 (-18.1--5.5)
Ireland	13.1 (9.4-17.5)	1.3 (-10.8-12.1)	11 (8-14.8)	1 (-10.6-11.3)	6 (4.5-8.2)	2.6 (-5.5-12.7)	2.2 (1.6-2.9)	-2.8 (-10.4-5.8)	0.8 (0.6-1)	-2.6 (-11.4-7.3)	2.8 (2.2-3.6)	-7.3 (-14.2-0.3)
Israel	26.9 (19.8-36.2)	-27.6 (-38--15.1)	22 (16.3-29.7)	-26.2 (-36.5--14.3)	10.6 (8-14.1)	-15.8 (-25.5--5.2)	3.6 (2.7-4.9)	-7.2 (-16.9-4.8)	1.3 (0.9-1.7)	-9.9 (-19.9-2.4)	6.1 (4.8-7.7)	-19.9 (-28.6--10.8)
Italy	14.2 (11.6-17.3)	7.4 (3.3-12.3)	13.1 (10.6-15.9)	8.4 (4.3-13.3)	7.9 (6.6-9.6)	5.5 (1.8-9.7)	2.8 (2.3-3.4)	-1.3 (-4.8-2.5)	1.2 (1-1.5)	-2.1 (-5.7-1.6)	2.9 (2.5-3.4)	-6.7 (-9.9--3.3)
Abruzzo	7.3 (5-10.4)	16 (4.6-30.2)	6.7 (4.5-9.5)	15.7 (4.6-30.3)	3.6 (2.6-5)	13 (3.7-26.3)	1 (0.7-1.5)	3.8 (-7-17.2)	0.4 (0.3-0.6)	8.9 (-4.2-24)	1.2 (0.8-1.6)	-1.7 (-9.9-10)
Basilicata	7.1 (4.6-11.2)	36.6 (18.6-58.8)	6.4 (4.1-10.2)	36.3 (18.6-59.1)	3.8 (2.5-5.7)	31.1 (16.1-51.6)	1.5 (1-2.1)	24 (8.9-43.7)	0.7 (0.5-0.9)	29.4 (13-52.7)	1.5 (1-2)	9.9 (-2.2-27.5)
Calabria	21.3 (17.4-25.5)	3.1 (-7.3-13.4)	19.6 (16.1-23.4)	3.1 (-7.2-13.1)	12.7 (10.9-15.1)	2.6 (-5-11)	5.7 (4.9-6.7)	-1.1 (-7-6.4)	2.6 (2.1-3.1)	2.9 (-3.9-10.8)	5.5 (4.8-6.3)	-10.7 (-16.3--4.1)
Campania	6 (4.8-7.3)	12.5 (1.8-25.6)	5.5 (4.4-6.7)	12.3 (1.9-25.2)	3.5 (2.9-4.3)	9.6 (-0.2-19.7)	1.6 (1.3-2)	5.3 (-3.5-14.7)	0.7 (0.6-0.9)	8.6 (-1.2-19.5)	1.6 (1.3-1.9)	-5.7 (-13.4-2.9)
Emilia-Romagna	34.3 (27.9-40.8)	9 (-2.3-21.5)	31.2 (25.5-37.1)	8.4 (-2.7-20.7)	17.4 (14.2-21.2)	3.9 (-6.3-14.4)	4.3 (3.5-5.1)	-5.9 (-14-2.1)	1.8 (1.5-2.2)	-5.3 (-13.2-3.4)	5.3 (4.6-6)	-0.2 (-6.8-7.2)
Friuli-Venezia Giulia	25.7 (19.7-32.5)	5.8 (-5.6-20.3)	23.6 (18.3-30)	5.3 (-6.5-19.9)	13.2 (10.4-16.6)	4.9 (-4.7-17.6)	3.2 (2.6-4)	4 (-5.4-15.4)	1.2 (1-1.6)	0.8 (-9-12.1)	3.8 (3.1-4.5)	-0.7 (-8.4-8.7)
Lazio	10.6 (8.6-13)	20.2 (9.3-33.3)	9.8 (8-11.9)	19.9 (9.7-32.4)	6.2 (5.2-7.6)	16.8 (6.6-28)	2.3 (1.8-2.8)	7.5 (-0.5-15.9)	1 (0.8-1.2)	6.4 (-2.2-16)	2.3 (2-2.7)	3.7 (-3.5-11.6)
Liguria	21.1 (17-26)	4.6 (-6.7-16.2)	19.5 (15.7-24)	4.1 (-7-15.1)	11.8 (9.8-14.2)	0.5 (-8.6-9.3)	4.6 (3.8-5.4)	0.7 (-6.6-8.8)	1.8 (1.5-2.2)	-0.7 (-7.7-7)	4.2 (3.5-4.8)	-3.5 (-10.1-3.5)
Lombardia	9.6 (7.7-11.9)	0.5 (-11.7-12.8)	8.9 (7.1-11)	0.2 (-11.6-12.8)	5.7 (4.6-7.1)	-1.6 (-12.9-9.3)	2 (1.6-2.5)	-5.6 (-14.2-4.9)	0.8 (0.7-1)	-9 (-17.5-1.9)	2.1 (1.8-2.5)	-8.8 (-17.5-0.2)
Marche	21.3 (16.6-26.8)	8.3 (-3.1-20.1)	19.4 (15-24.5)	8 (-3-19.9)	11 (8.7-14)	5.1 (-3.5-14.8)	3.2 (2.5-4.1)	-0.6 (-9.3-8.7)	1.4 (1.1-1.8)	0.7 (-9.2-10.7)	3.6 (3-4.4)	-3.4 (-10.7-4)
Molise	12.9 (8-20.1)	-3.4 (-12-8.4)	11.7 (7.3-18.5)	-3 (-11.7-9)	6.3 (4-9.4)	-3.4 (-11.4-7.2)	2.1 (1.4-3.1)	-9.1 (-17.4-1)	0.8 (0.5-1.2)	-5.3 (-14.6-5.9)	2.1 (1.4-3.1)	-19 (-25.7--10.9)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Piemonte	15.4 (12.2-19)	8.1 (-2.1-21)	14.2 (11.2-17.4)	7.7 (-2.3-20.5)	7.1 (5.7-8.8)	2.4 (-6-12)	1.6 (1.2-2)	-2.9 (-12.8-9.8)	0.6 (0.5-0.8)	-5.1 (-15.7-7.5)	2 (1.7-2.4)	-3.8 (-11.6-4.4)
Provincia autonoma di Bolzano	13.2 (8.7-19.3)	4.1 (-7.9-19.8)	12.2 (8-17.7)	4.2 (-7.4-19.2)	7.1 (4.9-9.9)	3 (-7.2-15.9)	2.2 (1.5-3)	1.6 (-7.6-13.2)	0.9 (0.6-1.3)	0 (-10-11.5)	2.6 (1.9-3.5)	-8 (-15.6-2.8)
Provincia autonoma di Trento	12.5 (8.7-17.8)	6 (-5.2-19.4)	11.4 (7.9-16.3)	5.5 (-6.2-18.1)	6.3 (4.7-8.8)	2.9 (-6.4-13.1)	2.2 (1.6-2.9)	5 (-5.6-17.2)	1 (0.7-1.3)	4.6 (-7.1-18.5)	2.4 (1.8-3.2)	-3.9 (-12-5.6)
Puglia	6.8 (5.1-8.8)	-2.5 (-11.5-8.9)	6.2 (4.7-8.1)	-2.5 (-11.5-8.7)	3.9 (3.1-5)	-2.9 (-12.2-6.7)	1.6 (1.2-2)	-7.5 (-16.4-1.8)	0.7 (0.5-0.9)	-8.3 (-17.1-2.2)	1.6 (1.2-1.9)	-19 (-26.2--10.8)
Sardegna	6.9 (4.6-9.8)	14.3 (1.8-29.1)	6.3 (4.2-9)	13.7 (1.3-28.4)	3.6 (2.5-5)	10.3 (0.5-22.4)	1.2 (0.8-1.6)	1.2 (-8.1-12.2)	0.5 (0.3-0.7)	1.3 (-9.4-13.8)	1.2 (0.9-1.6)	-10.7 (-18.3--1.5)
Sicilia	21.6 (18.1-25.6)	-2.2 (-10.1-7.3)	19.9 (16.9-23.6)	-2.2 (-10-7.4)	14 (12-16.4)	-2 (-8.8-6.8)	7.4 (6.3-8.6)	-2.1 (-8.9-5.1)	3.4 (2.9-4)	0.3 (-6.8-8.3)	6.8 (5.9-7.7)	-11.7 (-17.5--4.8)
Toscana	12.1 (9.3-15.6)	7.4 (-3.5-20.5)	11.2 (8.7-14.4)	7.1 (-3.8-19.9)	6.3 (5-8)	3.5 (-4.9-12.5)	1.8 (1.4-2.3)	-2.4 (-10.9-7)	0.7 (0.6-1)	-2.3 (-11.9-7.6)	2 (1.6-2.5)	-1.8 (-8.6-6.8)
Umbria	15.9 (11.8-20.8)	11.9 (-1.2-24.7)	14.5 (10.8-18.8)	11.4 (-1.2-24.2)	7.9 (6.2-10.1)	8.9 (-1.2-19.7)	2.4 (1.9-3.1)	4.5 (-4.6-15)	1 (0.7-1.3)	4.5 (-5.4-15.3)	2.7 (2.1-3.2)	2.9 (-5.3-11.8)
Valle d'Aosta	7 (3.2-12.8)	-9.8 (-23.9-6.1)	6.4 (2.9-11.8)	-10.2 (-24.1-5.4)	3 (1.5-5.1)	-9.9 (-23.2-4.2)	0.6 (0.3-1)	-12.9 (-30.6-6.7)	0.2 (0.1-0.3)	-13.9 (-32-7.4)	0.8 (0.4-1.4)	-17.3 (-29.1--4)
Veneto	15.3 (12.3-18.9)	8.5 (-1.9-19.7)	14.1 (11.3-17.4)	8.2 (-2-18.5)	8.4 (7-10.3)	4.1 (-4.5-13.8)	2.7 (2.2-3.3)	-1.8 (-10-6.7)	1.2 (0.9-1.5)	-3.7 (-11.7-4.9)	3 (2.5-3.4)	-6.1 (-12.6-1.7)
Luxembourg	12.3 (8.9-16.7)	1 (-8.3-11.2)	10.5 (7.7-14.2)	0.9 (-7.9-11.3)	6 (4.5-8)	0.6 (-7.4-11.2)	2.3 (1.7-3)	1.4 (-6.6-10.5)	0.8 (0.6-1.1)	4.5 (-4.6-16)	2.6 (2-3.3)	-8.1 (-14.8--0.8)
Malta	13 (9.3-17.7)	1.4 (-7.3-15.4)	11 (7.8-15)	2 (-7-15.9)	6 (4.5-8)	3.2 (-5.1-13.6)	2.2 (1.7-3)	-2.2 (-10.6-6.8)	0.7 (0.5-1)	-16.2 (-23.9--7.8)	2.4 (1.8-3.1)	-16.1 (-22.5--8.6)
Monaco	13 (9.5-17.5)	1.3 (-9.3-13.3)	11.1 (8-15)	0.5 (-9.9-11.3)	6.1 (4.6-8.1)	0.6 (-8.1-9.7)	2.2 (1.6-2.9)	4.2 (-4.2-13)	0.7 (0.5-0.9)	3.6 (-5.2-14.6)	2.2 (1.7-2.8)	-0.6 (-7.7-6.7)
Netherlands	1.4 (1-2)	3 (-6.8-20.3)	1.2 (0.9-1.6)	3.1 (-7.1-19.6)	0.5 (0.4-0.7)	1.2 (-9.1-16.7)	0.2 (0.1-0.2)	3.4 (-9.9-19.4)	0.1 (0-0.1)	-5.4 (-18-10)	0.2 (0.1-0.3)	-11.1 (-19.3-2.5)
Norway	15.6 (8.9-23.5)	-0.5 (-4.9-5.1)	13 (7.6-19.7)	-0.6 (-4.6-4.5)	4.8 (3.1-7.2)	-1.3 (-5.2-2.9)	1.1 (0.7-1.6)	1.1 (-3.2-5.7)	0.3 (0.2-0.4)	0.4 (-5.1-5.7)	1.9 (1.2-2.6)	-12.6 (-15.7--9.2)
Agder	16.5 (9.2-25)	-2.4 (-16.7-12.2)	13.8 (7.9-21.1)	-1.6 (-14.5-13.5)	5.1 (3.2-7.8)	-2 (-14.8-11.2)	1.1 (0.7-1.7)	-1 (-14.3-12.8)	0.3 (0.2-0.4)	-1.2 (-17.4-18.7)	2 (1.3-2.8)	-14.9 (-24.5--4.9)
Innlandet	16.4 (9.4-25.4)	0.3 (-14.6-16.9)	13.6 (7.9-21.1)	-0.2 (-13.8-15.6)	4.9 (3.1-7.5)	-1.4 (-13.8-12.4)	1.1 (0.7-1.7)	3 (-10.3-18.5)	0.3 (0.2-0.4)	-0.9 (-15.8-17.4)	1.7 (1.1-2.4)	-15.4 (-25.2--4)
Møre og Romsdal	16.3 (8.9-25.5)	0.1 (-12.9-14.5)	13.4 (7.4-21)	-0.3 (-12.6-14.7)	4.7 (3-7.2)	-0.9 (-13.2-12.9)	1.1 (0.7-1.7)	1 (-11.9-17.4)	0.3 (0.2-0.4)	-0.2 (-15.5-20.2)	1.9 (1.2-2.7)	-15.1 (-24.5--5.2)
Nordland	16.4 (9.6-25.2)	-1.6 (-13.8-10.5)	13.5 (8.1-21.1)	-1.4 (-12.5-11)	5 (3.1-7.5)	-1.2 (-12.7-11.5)	1.1 (0.7-1.7)	2.8 (-9.6-20.9)	0.3 (0.2-0.4)	-1.8 (-17.5-18.4)	1.8 (1.2-2.6)	-18.6 (-26.8--8.9)
Oslo	15.7 (9-24.5)	0.3 (-11.8-14.6)	13.3 (7.8-20.7)	0.8 (-10.8-14.1)	4.8 (3.1-7.3)	-0.6 (-12-11.7)	1.1 (0.7-1.6)	0.1 (-12.2-13.2)	0.3 (0.2-0.4)	9.1 (-6.3-29)	2 (1.3-2.8)	-0.9 (-10.5-9.6)
Rogaland	14.8 (8.4-23)	-1.8 (-15.4-14.2)	12.4 (7.1-19.2)	-2.2 (-15.1-10.9)	4.9 (3.1-7.3)	-1.4 (-12.9-12.2)	1.1 (0.7-1.7)	-1.4 (-13.4-12.9)	0.3 (0.2-0.5)	1.2 (-13.7-17.2)	2 (1.3-2.9)	-14.5 (-23.4--4.3)
Troms og Finnmark	17 (9.6-26.1)	0.1 (-13.5-18.5)	14 (8.1-21.3)	-0.5 (-13.3-17.1)	4.9 (3.1-7.4)	-2.6 (-14.7-12.4)	1.1 (0.7-1.7)	3.9 (-10.7-21)	0.3 (0.1-0.4)	-4.9 (-19.1-15)	1.9 (1.2-2.6)	-19.2 (-28.8--8)
Trøndelag	15.2 (8.5-23.7)	-0.3 (-14.1-16.9)	12.7 (7.4-19.6)	0.1 (-12.6-15.7)	4.8 (3.1-7.2)	-0.7 (-12.6-12.7)	1.2 (0.7-1.7)	2.4 (-11.9-16.9)	0.3 (0.2-0.4)	-0.5 (-16.1-15.8)	1.9 (1.2-2.7)	-12.5 (-21.1--2.3)
Vestfold og Telemark	15.8 (9.4-23.9)	-0.2 (-12.5-15.6)	13.2 (8-19.8)	-0.4 (-11.9-14.2)	4.9 (3.2-7.4)	-0.6 (-10.4-13.1)	1.1 (0.7-1.7)	1.9 (-10.6-17.1)	0.3 (0.2-0.4)	-1.2 (-15.8-15.7)	1.8 (1.2-2.5)	-15.1 (-23.2--4.8)
Vestland	15 (8.7-23.2)	0.2 (-14.2-15.5)	12.7 (7.4-19.6)	0.6 (-12.9-15)	4.8 (3.1-7.1)	-0.8 (-13.2-12.4)	1.1 (0.7-1.7)	0.1 (-13.1-13.9)	0.3 (0.2-0.5)	0.9 (-15.2-17.9)	1.9 (1.3-2.7)	-12.8 (-22--3.3)
Viken	14.9 (8.6-23.6)	0.3 (-15.3-14.8)	12.5 (7.3-19.3)	-0.3 (-15.3-12.9)	4.7 (3.1-7)	-1.5 (-15-10.6)	1.1 (0.7-1.6)	2.4 (-10.9-16)	0.3 (0.2-0.4)	-1.5 (-15.8-12.4)	1.8 (1.2-2.6)	-12.3 (-22.6--2.4)
Portugal	82.2 (61.1-109)	-10.1 (-22.2-4.6)	66.8 (50.5-86.9)	-10.7 (-21.8-2.7)	34.2 (27.2-43)	-14.8 (-25.3--4)	12.8 (10-16.1)	-21.4 (-32.4--11.5)	4.1 (3.1-5.2)	-21.3 (-31.9--11.1)	12.9 (10.5-15.8)	-29.9 (-38.2--21.9)
San Marino	12 (8.5-16.4)	0.6 (-9.4-11.5)	10.2 (7.3-13.7)	0.8 (-9.6-11.3)	5.4 (4-7.2)	-0.4 (-9.4-8.2)	2.2 (1.7-2.9)	0.3 (-8.2-9.3)	0.8 (0.6-1.1)	2 (-7.7-13.5)	2.4 (1.9-3.1)	-9.7 (-17--2.6)
Spain	22.9 (18.6-28.2)	0.4 (-8.2-11.2)	19.6 (16.1-23.6)	-0.1 (-8.7-10.6)	10.7 (8.8-13.1)	0.8 (-7.3-9.6)	3.3 (2.7-4.1)	-5 (-12.7-4)	1.1 (0.8-1.4)	1.3 (-8.1-12)	3.8 (3.2-4.5)	-8.3 (-14.8--1)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Sweden	16.7 (12.1-22.7)	10.5 (0.2-21)	15 (11-20.5)	10.5 (-0.2-21.2)	9.1 (6.9-12)	10.2 (0.7-19.9)	3.5 (2.6-4.6)	9 (1-18.1)	1 (0.7-1.3)	-0.8 (-8.3-7.7)	3.9 (3-5)	7 (-0.9-15.4)
Stockholm	16.8 (12.4-22.6)	10.7 (-1.5-23.2)	15 (11.2-20.2)	10.7 (-1.2-22.5)	9 (6.9-12.1)	9.4 (-1.3-20.3)	3.5 (2.6-4.5)	8.9 (-0.2-18.4)	1.1 (0.8-1.4)	2.3 (-6.9-12.6)	4 (3.1-5.2)	8.1 (-1.1-17.2)
Sweden except Stockholm	16.7 (12.1-22.8)	10.4 (-1.9-25.2)	15 (11-20.5)	10.5 (-1.7-25.3)	9.1 (6.8-12)	10.4 (-0.6-22.5)	3.5 (2.6-4.6)	9.1 (-0.1-20.1)	1 (0.7-1.3)	-1.7 (-11-8.2)	3.8 (3-4.8)	6.5 (-2.8-16.7)
Switzerland	12.7 (9.1-17.5)	0.6 (-9.5-11)	10.8 (7.8-15)	0.9 (-9-11.4)	5.9 (4.4-8)	1.1 (-8.1-10.9)	2.1 (1.6-2.8)	0.3 (-7.8-9.7)	0.8 (0.6-1)	-1.4 (-10.2-8.8)	2.4 (1.9-3.1)	-6.8 (-14.2-1)
United Kingdom	11.4 (8-15.7)	0.2 (-1.3-1.6)	9.4 (6.7-13)	0.7 (-0.8-2.3)	4 (3-5.5)	-1.2 (-2.9-0.3)	1.2 (0.9-1.6)	-1.5 (-3.3-0.3)	0.4 (0.3-0.5)	-1.8 (-3.9-0.4)	1.7 (1.3-2.2)	-6.7 (-8--5.3)
England	11.1 (7.7-15.4)	0.7 (-0.5-1.9)	9.1 (6.5-12.7)	1.4 (0.2-2.6)	3.6 (2.7-5)	0 (-1.2-1.1)	1 (0.7-1.4)	-0.6 (-1.7-0.6)	0.3 (0.2-0.4)	-1.9 (-3.4--0.4)	1.5 (1.2-2)	-5 (-6--4)
East Midlands	11.1 (7.8-15.5)	0.9 (-3.4-5.1)	9.2 (6.5-12.9)	1.7 (-2.6-6)	3.7 (2.7-5.1)	0 (-4.2-4.1)	1 (0.7-1.4)	0.1 (-3.4-4.1)	0.3 (0.2-0.4)	-3.2 (-7.7-1.6)	1.5 (1.1-2)	-6.9 (-10--3.8)
Derby	11.9 (8.2-16.7)	1.2 (-12-13.9)	9.6 (6.7-13.5)	1.8 (-10.8-14.3)	3.6 (2.6-4.9)	0.5 (-9.3-12.2)	1 (0.7-1.3)	-1.8 (-11.7-8.5)	0.3 (0.2-0.4)	5.1 (-7.5-19.4)	1.6 (1.2-2.2)	-1.3 (-10.4-7.5)
Derbyshire	10.7 (7.4-15.1)	0.7 (-10.4-10.9)	9 (6.2-12.7)	1.5 (-10-11.4)	3.7 (2.7-5.1)	-1 (-11.1-9.7)	1 (0.7-1.4)	1.1 (-9.8-11.9)	0.3 (0.2-0.4)	-4.8 (-15.8-6.9)	1.4 (1-1.8)	-12.2 (-19.6--3.9)
Leicester	11.7 (7.9-16.4)	0.4 (-9.7-12.7)	9.6 (6.5-13.4)	1 (-8.9-12.9)	3.6 (2.6-5)	-0.6 (-10.2-10.8)	1 (0.7-1.4)	-2.3 (-12.5-8.3)	0.3 (0.2-0.4)	7.8 (-5.5-21.3)	1.7 (1.3-2.2)	-3.1 (-11.2-6)
Leicestershire	10.5 (7.2-14.8)	1 (-9.8-14.6)	8.8 (6.1-12.4)	1.8 (-8.9-15.2)	3.6 (2.6-5)	0.1 (-9.1-12)	1 (0.7-1.4)	1.7 (-8-13.4)	0.3 (0.2-0.4)	-6.6 (-16.4-4.7)	1.4 (1.1-1.8)	-9.1 (-16.7-0.8)
Lincolnshire	11.2 (7.8-15.5)	0.8 (-11.4-13.4)	9.3 (6.5-13.1)	1.8 (-10.3-15.2)	3.8 (2.8-5.3)	1.1 (-9.5-12.8)	1 (0.7-1.4)	1.4 (-8.3-13.7)	0.3 (0.2-0.4)	-5.4 (-16.1-6.8)	1.4 (1.1-1.8)	-8.4 (-16.6-1.2)
Northamptonshire	10.9 (7.6-15.4)	0.9 (-8.8-11.5)	9 (6.3-12.9)	1.5 (-8.4-12.1)	3.7 (2.7-5.1)	0.6 (-8.7-10.5)	1 (0.7-1.4)	-0.4 (-10-10.1)	0.3 (0.2-0.4)	-3.9 (-14.1-8.1)	1.6 (1.2-2)	-5.8 (-13-2.4)
Nottingham	12.1 (8.5-16.7)	0.3 (-10-12.4)	9.9 (7-13.6)	1.1 (-8.6-12.4)	3.8 (2.7-5.2)	0.2 (-9.4-11)	1 (0.7-1.4)	-2.4 (-12.8-9)	0.3 (0.2-0.4)	12.2 (-0.5-27.4)	1.7 (1.3-2.2)	1.4 (-7.1-11.1)
Nottinghamshire	11 (7.4-15.4)	-0.1 (-9.4-12.7)	9.2 (6.4-12.8)	0.7 (-9.1-12.5)	3.7 (2.6-5.1)	-0.3 (-8.8-10.1)	1 (0.7-1.4)	0.1 (-9.4-10.3)	0.3 (0.2-0.4)	-4.4 (-14.9-6.8)	1.4 (1.1-1.9)	-8.2 (-15.1-0.1)
Rutland	10.3 (7-14.4)	0.4 (-11.1-13)	8.5 (5.9-12)	1.5 (-10.1-13.9)	3.3 (2.4-4.6)	0.4 (-9.3-11.4)	1 (0.8-1.4)	1.2 (-7.8-11)	0.3 (0.2-0.4)	-14 (-23.5--4.2)	1.3 (1-1.7)	-12.5 (-20--4.8)
East of England	10.7 (7.5-15)	0.5 (-3.6-4.2)	8.9 (6.3-12.5)	1.2 (-3.1-4.8)	3.6 (2.7-5)	-0.5 (-4.2-3.6)	1 (0.7-1.4)	0.2 (-3.5-3.9)	0.3 (0.2-0.4)	-3.6 (-7.7-0.3)	1.5 (1.1-2)	-6.4 (-9.3--3.6)
Bedford	11.6 (7.9-16.1)	0.8 (-10-13.6)	9.3 (6.5-13)	1.5 (-9.2-13.5)	3.5 (2.6-4.9)	0.1 (-10-10.6)	1 (0.7-1.4)	0.3 (-10.3-10.9)	0.3 (0.2-0.4)	-1.9 (-13.3-10.4)	1.6 (1.2-2)	-4.8 (-12.7-3.2)
Cambridgeshire	10.4 (7.1-14.7)	0.5 (-10.3-11.4)	8.7 (6-12.4)	1.2 (-9.3-11.9)	3.6 (2.6-5)	-0.5 (-9.9-10.6)	1 (0.7-1.4)	-1 (-9.7-9.2)	0.3 (0.2-0.4)	-5.5 (-14.3-5.5)	1.5 (1.1-1.9)	-8.1 (-15.5-0.2)
Central Bedfordshire	10.6 (7.4-14.8)	0.7 (-8.7-13)	8.8 (6.1-12.3)	1.4 (-7.6-13.8)	3.6 (2.6-5)	0.4 (-8.4-10.6)	1 (0.7-1.4)	0.8 (-8.6-11.4)	0.3 (0.2-0.4)	-6.7 (-16.4-4.5)	1.5 (1.1-2)	-10.8 (-17.7--2.7)
Essex	10.6 (7.3-15)	0.5 (-11.1-12.6)	8.9 (6.3-12.6)	1.3 (-9.7-12.9)	3.7 (2.7-5.2)	-0.1 (-9.4-9.4)	1 (0.7-1.4)	1.6 (-7.7-12.9)	0.3 (0.2-0.4)	-4.6 (-14.1-6.7)	1.5 (1.1-1.9)	-7.6 (-15.5--0.1)
Hertfordshire	10.2 (7-14.2)	0.5 (-10.7-14.2)	8.6 (6-12.1)	0.8 (-10.1-14.3)	3.6 (2.6-5)	-1 (-10.7-11.2)	1 (0.7-1.4)	0.7 (-9.2-13.9)	0.3 (0.2-0.5)	-0.8 (-11.6-14.6)	1.6 (1.2-2)	-4.7 (-12.6-5.2)
Luton	12.1 (8.4-16.7)	0.5 (-12.1-12.2)	9.7 (6.8-13.4)	0.9 (-11.4-13.4)	3.5 (2.6-4.9)	-0.2 (-11.9-11.9)	1 (0.7-1.3)	-1.4 (-12.5-10.3)	0.3 (0.2-0.4)	1.3 (-10.3-13.6)	1.8 (1.4-2.4)	0.3 (-10.2-10.2)
Norfolk	11 (7.6-15.5)	0.8 (-10-12.2)	9.2 (6.4-12.9)	1.6 (-8.5-13)	3.8 (2.8-5.2)	0.3 (-9.2-11.6)	1 (0.7-1.4)	0.4 (-9.6-10.3)	0.3 (0.2-0.4)	-6.4 (-17.3-4.4)	1.4 (1.1-1.8)	-6.3 (-14.1-2.6)
Peterborough	11.8 (8.1-16.5)	-0.4 (-11.1-11.6)	9.6 (6.7-13.3)	0.3 (-10.3-11.8)	3.6 (2.6-5.1)	0.1 (-10-10.4)	1 (0.7-1.3)	-2 (-11.7-8.8)	0.3 (0.2-0.4)	0.5 (-10.8-13.5)	1.7 (1.3-2.3)	-0.1 (-9-8.9)
Southend-on-Sea	10.8 (7.4-15.2)	0.7 (-8.8-11.9)	8.9 (6.1-12.6)	1.5 (-8.2-12.7)	3.6 (2.6-5.1)	-0.5 (-9.6-10.7)	1 (0.7-1.4)	-2.1 (-11.6-8)	0.3 (0.2-0.4)	4.2 (-7.4-16.7)	1.5 (1.1-2)	-4.3 (-12.1-4.2)
Suffolk	10.3 (7.1-14.7)	-0.6 (-10.6-11)	8.7 (6.1-12.4)	0.2 (-10-10.9)	3.6 (2.7-5)	-1.3 (-10.7-9)	1 (0.7-1.4)	0.1 (-9.7-10.9)	0.3 (0.2-0.4)	-5 (-15.3-6.7)	1.4 (1.1-1.8)	-10.5 (-18--2.3)
Thurrock	11.2 (7.8-15.7)	0.2 (-10.1-11.6)	9.2 (6.4-12.7)	0.8 (-9.3-11.5)	3.6 (2.6-4.9)	-0.5 (-10.7-10.1)	1 (0.7-1.4)	-1.3 (-11.5-10.5)	0.3 (0.2-0.4)	-1 (-11.4-13.2)	1.7 (1.3-2.2)	-2.7 (-10.6-5.8)
Greater London	11.2 (7.8-15.5)	0.5 (-1.7-2.5)	9.1 (6.5-12.7)	1 (-1.1-3.1)	3.6 (2.6-4.9)	0.2 (-1.9-2.4)	1 (0.7-1.4)	-1.8 (-3.7-0)	0.3 (0.2-0.5)	4.5 (2.2-7.1)	1.7 (1.3-2.2)	1.2 (-0.6-3.1)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Barking and Dagenham	11.6 (7.8-16.3)	-0.1 (-11.4-11)	9.4 (6.5-13.1)	0.4 (-10.3-11.5)	3.7 (2.7-5.1)	-0.8 (-10.9-9.7)	1 (0.7-1.4)	-0.7 (-10.7-10.7)	0.3 (0.2-0.5)	19.3 (5.3-35)	2.1 (1.6-2.8)	15 (4.8-25.9)
Barnet	10.3 (7.2-14.3)	0.3 (-11-13.7)	8.6 (6-12)	0.7 (-10.5-13.5)	3.5 (2.6-4.8)	-1.1 (-10-9)	1 (0.7-1.4)	-0.6 (-10.8-10.4)	0.3 (0.2-0.5)	2.5 (-8.6-14.4)	1.7 (1.3-2.2)	2.6 (-5.3-12)
Bexley	10.4 (7.2-14.3)	0.3 (-9.4-13.6)	8.7 (6.1-12)	1 (-8.8-14.3)	3.5 (2.6-4.9)	0.1 (-9.9-10.6)	1.1 (0.8-1.5)	2.5 (-8.1-13.6)	0.3 (0.2-0.5)	-0.2 (-10.6-10.6)	1.6 (1.2-2.1)	0.1 (-8.7-9.2)
Brent	11.3 (7.8-15.8)	0 (-10.5-11.8)	9.1 (6.4-12.6)	0 (-10.1-10.8)	3.5 (2.5-4.8)	0.1 (-11.2-10.6)	1 (0.7-1.4)	-1.8 (-12.2-9.9)	0.3 (0.2-0.5)	2.8 (-9.4-16.2)	1.7 (1.3-2.2)	4.4 (-5.4-13.5)
Bromley	9.9 (6.7-14)	0.1 (-11.3-13.7)	8.4 (5.8-12)	0.8 (-10.8-14.9)	3.5 (2.6-4.8)	-0.2 (-10-10.7)	1 (0.8-1.4)	0.7 (-9-12.1)	0.3 (0.2-0.5)	0 (-10.8-13.7)	1.5 (1.2-2)	-2.4 (-10.3-6.8)
Camden	11.6 (7.9-16.1)	0.3 (-9.1-11.6)	9.6 (6.6-13.2)	0.9 (-9-12.8)	3.7 (2.7-5.1)	-0.7 (-10.3-10.6)	1 (0.7-1.3)	-2.4 (-12.6-8.8)	0.3 (0.2-0.4)	-5.6 (-16.2-6.2)	1.5 (1.1-2)	-6.4 (-14.2-2.6)
Croydon	10.9 (7.5-15)	0.4 (-10.3-11.2)	9 (6.3-12.7)	0.9 (-9.7-11.3)	3.7 (2.7-5.1)	1.2 (-8.2-12.2)	1 (0.7-1.4)	0.7 (-9.3-12.2)	0.3 (0.2-0.5)	4.6 (-5.7-16.9)	1.8 (1.4-2.3)	4.1 (-4.4-13.3)
Ealing	11.2 (7.8-15.6)	0.1 (-11.3-11.5)	9.2 (6.4-12.8)	0.2 (-10.5-11.6)	3.5 (2.6-4.9)	-0.4 (-10.1-10.7)	1 (0.7-1.3)	-1.4 (-11.7-10.4)	0.3 (0.2-0.4)	2.5 (-9.4-14.8)	1.7 (1.3-2.2)	2.6 (-6.2-12.2)
Enfield	10.6 (7.2-14.8)	1.3 (-10.4-15)	8.8 (6-12.4)	1.6 (-10.2-15.8)	3.5 (2.5-4.8)	-1.5 (-11.7-9.9)	1 (0.7-1.4)	1.1 (-8.7-12.2)	0.3 (0.2-0.5)	6.5 (-4.7-19.7)	1.8 (1.3-2.3)	5.5 (-3.7-16.6)
Greenwich	11.8 (8.1-16.2)	0.8 (-10.1-10.6)	9.6 (6.7-13.2)	1.2 (-9.4-11)	3.7 (2.6-5)	0.4 (-9.1-10.7)	1 (0.7-1.3)	-3.4 (-12.8-6.7)	0.3 (0.2-0.5)	10.4 (-1.8-25.1)	1.8 (1.4-2.4)	2.3 (-6.2-11.3)
Hackney	12 (8.4-16.8)	0.6 (-9.2-11.7)	9.7 (6.8-13.4)	1.2 (-8.4-12.5)	3.7 (2.6-5)	1.3 (-8.4-12.9)	1 (0.7-1.3)	-4.2 (-13.7-7.1)	0.3 (0.2-0.4)	12 (-0.3-26.4)	1.8 (1.3-2.3)	-7 (-14.7-1.2)
Hammersmith and Fulham	11.4 (8-15.9)	0.1 (-9.6-13.7)	9.3 (6.6-13)	0.5 (-8.6-13.7)	3.7 (2.7-5.1)	-0.5 (-9.7-10.1)	1 (0.7-1.3)	-3.5 (-13.2-7.2)	0.3 (0.2-0.5)	8.1 (-3.6-22.9)	1.6 (1.2-2.1)	-2 (-10-7.4)
Haringey	11.6 (7.8-16.2)	0.3 (-11.4-14.2)	9.3 (6.4-13.2)	0.3 (-10.6-14)	3.5 (2.5-4.8)	-1.6 (-11.7-9.7)	1 (0.7-1.3)	-3.3 (-13.4-6.7)	0.3 (0.2-0.5)	6.3 (-5.5-19.4)	1.6 (1.3-2.1)	-5.2 (-13.7-4.1)
Harrow	10.6 (7.3-15.3)	0.9 (-9.4-11.3)	8.7 (6-12.5)	1.4 (-9-10.6)	3.4 (2.5-4.7)	1.5 (-7.1-10.4)	1 (0.7-1.4)	-0.1 (-9.8-9.4)	0.3 (0.2-0.5)	-1.5 (-11.6-8.8)	1.6 (1.3-2.1)	5 (-3.5-13)
Havering	10.1 (7-14.2)	-0.7 (-11.1-11.1)	8.5 (5.9-11.9)	0.3 (-9.8-12.2)	3.6 (2.6-4.9)	0.6 (-8.2-9.7)	1.1 (0.8-1.4)	1.1 (-8.2-11.3)	0.3 (0.2-0.5)	-2.8 (-12.5-9)	1.6 (1.2-2.1)	2 (-6-10.9)
Hillingdon	10.9 (7.6-15.3)	0.1 (-9.8-11.6)	9.1 (6.5-12.7)	0.8 (-9-11.9)	3.7 (2.7-5.1)	0.7 (-8.2-11.3)	1 (0.7-1.4)	-0.4 (-9.7-10.3)	0.3 (0.2-0.5)	2.8 (-8.1-15.7)	1.8 (1.4-2.3)	3.2 (-4.7-12.5)
Hounslow	11.3 (7.7-16)	1.2 (-11.5-11.8)	9.2 (6.4-12.8)	1.5 (-10.8-12.8)	3.5 (2.5-4.9)	2 (-8.5-13.2)	1 (0.7-1.4)	-2.6 (-11.9-7.9)	0.3 (0.2-0.5)	1.3 (-10-13.9)	1.7 (1.3-2.3)	2.4 (-6.6-11.7)
Islington	11.4 (7.9-15.8)	0.8 (-9.1-13.8)	9.3 (6.5-13)	1.8 (-8.8-14.3)	3.7 (2.7-5.1)	1.4 (-9.3-12.4)	1 (0.7-1.4)	-3.4 (-14.5-6.8)	0.3 (0.2-0.4)	6 (-7.6-18.8)	1.6 (1.2-2)	-4.9 (-13.5-3.5)
Kensington and Chelsea	11 (7.4-15.4)	0.9 (-9.6-14.7)	8.9 (6.1-12.4)	1.5 (-9-15.3)	3.4 (2.5-4.8)	-1 (-10.4-10.4)	1 (0.7-1.3)	-2.3 (-12.9-8.3)	0.3 (0.2-0.5)	-2.6 (-14.2-9.1)	1.4 (1.1-1.8)	-6.2 (-14.4-3)
Kingston upon Thames	10.4 (7.2-14.6)	0.3 (-9.7-10.9)	8.6 (6-11.9)	0.9 (-9.2-11.5)	3.4 (2.5-4.6)	0.7 (-9.5-10.9)	1 (0.7-1.4)	0.3 (-9.9-12.4)	0.3 (0.2-0.5)	-1 (-12.1-12.3)	1.6 (1.2-2.1)	2.5 (-6.8-12.8)
Lambeth	11.9 (8.2-16.5)	1.4 (-10.3-13.4)	9.7 (6.8-13.3)	1.9 (-9.4-13.2)	3.7 (2.6-5)	0.3 (-10.5-10.9)	1 (0.7-1.3)	-2.1 (-11.8-9.7)	0.3 (0.2-0.5)	13 (-0.3-28.3)	1.7 (1.3-2.1)	-3.9 (-12.6-4.7)
Lewisham	11.6 (8.1-16.3)	1.1 (-10.1-13.2)	9.5 (6.7-13.2)	1.6 (-9.3-13.3)	3.8 (2.7-5.3)	0.8 (-9.1-11.5)	1 (0.7-1.4)	-1.4 (-11-9.9)	0.3 (0.2-0.5)	12.1 (-0.3-27.5)	1.8 (1.4-2.4)	2.5 (-6.3-12)
Merton	10.8 (7.4-15.3)	1.3 (-8.8-12)	8.9 (6.2-12.7)	1.7 (-8.2-12)	3.6 (2.6-4.9)	1.3 (-8.3-12.7)	1 (0.7-1.4)	-1.3 (-11.1-9.4)	0.3 (0.2-0.5)	5.1 (-6.1-17.7)	1.7 (1.3-2.2)	4.5 (-4-14)
Newham	12.3 (8.3-17)	0.8 (-8.7-12.5)	9.8 (6.7-13.5)	1.4 (-8.2-13.7)	3.6 (2.6-5)	2 (-7.9-12.6)	0.9 (0.7-1.3)	-6.2 (-15.8-4.5)	0.3 (0.2-0.5)	12.5 (-0.1-26.6)	1.8 (1.4-2.4)	-8.3 (-15.9-0.2)
Redbridge	10.9 (7.5-15.4)	0.7 (-10.4-12.1)	8.9 (6.3-12.5)	1 (-9.3-12.1)	3.5 (2.5-4.8)	-0.1 (-9.3-10.1)	1 (0.7-1.4)	-0.2 (-10.9-10.9)	0.3 (0.2-0.5)	3.3 (-8.7-17.4)	1.8 (1.4-2.3)	8.9 (-0.8-19)
Richmond upon Thames	9.9 (6.7-14.2)	0.7 (-10.3-11.4)	8.3 (5.7-11.9)	0.7 (-9.6-11)	3.5 (2.5-4.8)	-0.4 (-8.9-9.5)	1 (0.8-1.4)	0.8 (-8.2-10.8)	0.4 (0.2-0.5)	-0.7 (-11.3-10.1)	1.6 (1.2-2.1)	-1.3 (-9.2-6.8)
Southwark	11.9 (8.3-16.5)	0.7 (-9.7-14.5)	9.7 (6.8-13.3)	1.3 (-8.8-14.7)	3.7 (2.6-5.2)	-0.4 (-10.8-10.8)	1 (0.7-1.3)	-2.1 (-12-8.5)	0.3 (0.2-0.5)	17.3 (4.5-32.9)	1.7 (1.3-2.2)	-2.3 (-10.9-7)
Sutton	10.6 (7.2-15)	0.2 (-9.3-11.3)	8.7 (6-12.4)	1.1 (-8-11.6)	3.5 (2.5-4.7)	0.8 (-8.1-11.2)	1 (0.7-1.4)	0.1 (-9.4-11.3)	0.3 (0.2-0.5)	1.7 (-10-13.5)	1.6 (1.2-2.1)	-2.4 (-10.1-6.2)
Tower Hamlets	11.6 (8-16)	-0.6 (-14.3-13.2)	9.4 (6.5-12.9)	0 (-13-13)	3.7 (2.7-5.2)	2.2 (-8.8-13.2)	1 (0.7-1.3)	-5.5 (-15.2-6.5)	0.3 (0.2-0.4)	15.2 (0.8-31.1)	1.8 (1.4-2.4)	-3.9 (-12.8-5.3)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Waltham Forest	11.4 (7.9-15.8)	0.2 (-10.1-13.9)	9.3 (6.5-12.8)	0.7 (-9.7-13.3)	3.6 (2.6-4.9)	0.5 (-9-11.7)	1 (0.7-1.4)	-1.5 (-12.7-10.8)	0.3 (0.2-0.5)	10.2 (-3.1-23.5)	1.8 (1.4-2.4)	2.8 (-6.7-13.2)
Wandsworth	11.2 (7.8-15.5)	0.8 (-9.9-11.8)	9.2 (6.4-12.8)	0.9 (-9.6-11.7)	3.7 (2.7-5)	-0.6 (-10.5-10.5)	1 (0.7-1.4)	-3.1 (-13.1-7.3)	0.3 (0.2-0.5)	9.7 (-4-23.8)	1.7 (1.3-2.2)	5.6 (-3.3-15.3)
Westminster	11.7 (7.8-16.3)	0.8 (-11.9-12.7)	9.4 (6.4-13.4)	0.9 (-10.8-12.7)	3.4 (2.5-4.7)	-1.8 (-11.8-9)	1 (0.7-1.3)	-3.3 (-13.6-7.6)	0.3 (0.2-0.4)	1.1 (-10.8-14.7)	1.5 (1.1-1.9)	2.2 (-6.5-12.1)
North East England	11.2 (7.8-15.5)	0.8 (-2.5-5)	9.2 (6.5-12.8)	1.7 (-1.7-5.8)	3.7 (2.7-5.1)	0.6 (-2.5-4)	1 (0.7-1.4)	-0.5 (-3.8-3.1)	0.3 (0.2-0.4)	-2.6 (-6.5-1.4)	1.5 (1.1-1.9)	-7.7 (-10.1--4.9)
County Durham	11.2 (7.7-15.4)	0.9 (-7.9-14.1)	9.3 (6.4-13.1)	1.8 (-7.2-14.6)	3.8 (2.8-5.4)	0.5 (-8.3-11.1)	1 (0.7-1.4)	0 (-9.7-10.1)	0.3 (0.2-0.4)	-4.6 (-14.8-7.2)	1.4 (1.1-1.9)	-8.8 (-15.9--0.9)
Darlington	11.3 (7.6-15.9)	-0.7 (-12.5-10.9)	9.2 (6.3-12.9)	0 (-11.4-11.1)	3.5 (2.6-4.9)	-1.6 (-10.8-8.1)	1 (0.7-1.4)	0.5 (-9.8-11.3)	0.3 (0.2-0.4)	-2.7 (-13.7-9.6)	1.5 (1.1-1.9)	-8 (-15.8-0.1)
Gateshead	11.2 (7.8-15.6)	0.2 (-10.7-11.4)	9.2 (6.4-12.8)	1 (-9.7-12.2)	3.7 (2.7-5.1)	0.6 (-8.6-11.1)	1 (0.7-1.3)	-1.5 (-11.3-9.5)	0.3 (0.2-0.4)	-1 (-12.2-11.2)	1.4 (1.1-1.9)	-6.8 (-14-1.7)
Hartlepool	11.7 (8.1-16.1)	0.3 (-11.9-12.2)	9.4 (6.6-12.9)	1.4 (-10.5-12.7)	3.6 (2.7-5.2)	0.4 (-9.2-11.4)	1 (0.7-1.4)	0.5 (-10.4-12.7)	0.3 (0.2-0.4)	-1.2 (-12.6-13.8)	1.5 (1.1-2)	-11.4 (-19--2.7)
Middlesbrough	12 (8.3-16.6)	0.7 (-9.8-12.3)	9.6 (6.9-13.5)	1.4 (-9.2-13)	3.7 (2.7-5.1)	2.2 (-8.2-13.4)	1 (0.7-1.4)	-0.7 (-11.1-11.1)	0.3 (0.2-0.4)	0.3 (-11.8-14.4)	1.7 (1.3-2.2)	-1.3 (-10-7.3)
Newcastle upon Tyne	11.6 (8-16.2)	1.1 (-9.7-12.5)	9.6 (6.6-13.4)	2.1 (-9.2-13.9)	3.7 (2.7-5.2)	1.4 (-9.1-12.4)	1 (0.7-1.4)	-1.8 (-11.7-9.6)	0.3 (0.2-0.4)	3.7 (-9.3-17.6)	1.6 (1.2-2.1)	1.7 (-7-10.9)
North Tyneside	11 (7.7-15.4)	0.9 (-10-12.7)	9.1 (6.3-12.7)	1.5 (-8.7-13.2)	3.6 (2.6-5)	0 (-9.3-11)	1 (0.7-1.4)	-0.9 (-11.6-10)	0.3 (0.2-0.4)	0.4 (-11.9-13.2)	1.4 (1.1-1.9)	-6.2 (-14-2.6)
Northumberland	10.6 (7.3-14.7)	1 (-9.7-12.6)	8.8 (6.2-12.6)	1.7 (-9.1-12.7)	3.6 (2.6-5.1)	0 (-9.3-9.7)	1 (0.8-1.4)	2.1 (-7.9-13.2)	0.3 (0.2-0.4)	-7.8 (-17.6-3)	1.3 (1-1.7)	-12.5 (-19.8--4.2)
Redcar and Cleveland	11.1 (7.6-15.3)	-0.3 (-12.4-12.7)	9.1 (6.3-12.5)	0.6 (-10.6-13.1)	3.6 (2.6-5.1)	-0.4 (-10.6-10.8)	1 (0.7-1.4)	-0.1 (-11.2-11.6)	0.3 (0.2-0.4)	-5.6 (-17.6-6.9)	1.4 (1.1-1.9)	-10.4 (-18.5--2.2)
South Tyneside	11 (7.6-15.2)	0.8 (-10-14)	9.1 (6.4-12.6)	1.8 (-9-14.7)	3.6 (2.7-5)	1.8 (-7.4-14.2)	1 (0.7-1.4)	0.3 (-10-12.9)	0.3 (0.2-0.4)	3.3 (-8.8-18.9)	1.4 (1.1-1.8)	-9.2 (-17.2-0.3)
Stockton-on-Tees	11.2 (7.7-15.6)	0.6 (-9-12.8)	9.2 (6.4-12.7)	1.4 (-8.1-13.5)	3.6 (2.7-5)	1.1 (-8.2-11.3)	1 (0.7-1.4)	-1 (-10.2-11.2)	0.3 (0.2-0.4)	-3.7 (-14.8-9.5)	1.5 (1.2-2)	-8 (-15.5-0.7)
Sunderland	11.3 (7.8-15.8)	1.1 (-8.9-12.5)	9.2 (6.5-13)	2 (-8.4-13.6)	3.6 (2.6-5.2)	0.3 (-9.5-10.8)	1 (0.7-1.4)	-1.7 (-12.1-8.4)	0.3 (0.2-0.4)	-3.7 (-15.6-8.5)	1.4 (1.1-1.8)	-11.6 (-18.8--3.4)
North West England	11.5 (8-16.1)	0.8 (-2.1-3.6)	9.4 (6.7-13.1)	1.6 (-1.1-4.5)	3.7 (2.7-5.1)	0.5 (-2.1-3)	1 (0.7-1.4)	-1.2 (-4-1.6)	0.3 (0.2-0.4)	-2.6 (-5.9-0.4)	1.5 (1.2-2)	-6.8 (-9--4.8)
Blackburn with Darwen	12.5 (8.5-17.3)	0.3 (-11.1-13.5)	9.8 (6.8-13.7)	1.2 (-11-13)	3.5 (2.5-4.9)	-0.8 (-11.8-10)	1 (0.7-1.3)	-1.5 (-11.8-9.9)	0.3 (0.2-0.4)	1.9 (-10.2-16.9)	1.7 (1.3-2.2)	-11.8 (-20.5--3.5)
Blackpool	12.6 (8.7-17.5)	0.7 (-9.4-13)	9.9 (6.9-13.7)	1.8 (-8.6-13.8)	3.7 (2.7-5.3)	0.4 (-8.9-11)	1 (0.7-1.3)	0.8 (-9.2-11.9)	0.2 (0.2-0.3)	4 (-8.3-17.3)	1.5 (1.1-2)	-2 (-10.1-7.1)
Bolton	11.7 (8-16.6)	-0.6 (-12.9-13.7)	9.5 (6.6-13.4)	0.3 (-11.6-14.2)	3.6 (2.6-5.1)	-0.8 (-11-9.8)	1 (0.7-1.4)	-0.8 (-12.2-9.9)	0.3 (0.2-0.4)	-1.8 (-13.2-10.6)	1.6 (1.2-2.1)	-6.2 (-15.4-2.5)
Bury	11.4 (7.9-15.8)	0.7 (-10.6-14.1)	9.2 (6.4-12.9)	1.5 (-9-14.5)	3.6 (2.6-4.9)	1.1 (-7.7-12.1)	1 (0.7-1.4)	1 (-8.8-12.4)	0.3 (0.2-0.4)	-3.8 (-14.4-10)	1.6 (1.2-2)	-5.4 (-13-4)
Cheshire East	10.8 (7.5-15.3)	0.1 (-9.8-11.9)	9 (6.2-12.6)	1 (-8.6-13.2)	3.6 (2.6-5)	-0.9 (-10.1-8.9)	1 (0.7-1.4)	0.8 (-8.8-11.8)	0.3 (0.2-0.4)	-7.3 (-18.3-4)	1.4 (1-1.8)	-11.7 (-18.8--3.6)
Cheshire West and Chester	11.1 (7.5-15.6)	0.5 (-11.6-11.9)	9.2 (6.3-12.8)	1.4 (-10.3-12.4)	3.6 (2.6-5)	0.1 (-9.9-10.6)	1 (0.7-1.4)	0.6 (-9-11.3)	0.3 (0.2-0.4)	-5.6 (-15.5-6)	1.4 (1-1.8)	-11.5 (-18.5--3.6)
Cumbria	11 (7.5-15.4)	1.2 (-8.1-13.9)	9.1 (6.3-12.9)	2.1 (-7.3-13.9)	3.7 (2.7-5.2)	-0.2 (-8.8-10.2)	1 (0.7-1.3)	0.9 (-8.3-11.8)	0.3 (0.2-0.4)	-5.9 (-17.1-6.6)	1.3 (1-1.7)	-12.9 (-19.3--5)
Halton	11.5 (8-16.5)	0.5 (-10-13.7)	9.3 (6.7-13.2)	1.1 (-9.1-14.1)	3.6 (2.6-5)	0.5 (-10.1-11.8)	1 (0.7-1.4)	-1.6 (-12.4-9.2)	0.3 (0.2-0.4)	-7.7 (-19.2-4.5)	1.5 (1.1-2)	-10.9 (-19.3--2)
Knowsley	11.6 (8-16.1)	0.6 (-9.2-12.5)	9.5 (6.6-13.3)	1.7 (-8.3-14.1)	3.8 (2.7-5.2)	1.8 (-8.2-12.9)	1 (0.7-1.4)	0.5 (-9.1-12.5)	0.3 (0.2-0.4)	1.3 (-9.9-14.3)	1.6 (1.2-2.1)	-8.1 (-15.2-1)
Lancashire	11.3 (7.9-15.9)	0.5 (-9.7-12.5)	9.3 (6.5-13)	1.7 (-8.4-12.9)	3.7 (2.7-5.1)	0.6 (-8.8-11.4)	1 (0.7-1.3)	-1.5 (-11.3-9.5)	0.3 (0.2-0.4)	-5.8 (-17-6)	1.4 (1.1-1.9)	-9.8 (-17--1.3)
Liverpool	11.9 (8.1-16.6)	0.4 (-11.3-11.7)	9.7 (6.7-13.5)	1.4 (-9.9-13.3)	3.8 (2.7-5.2)	3.9 (-6.9-15.7)	1 (0.7-1.4)	-4.2 (-14.2-8.4)	0.3 (0.2-0.4)	3.5 (-7.8-18.2)	1.6 (1.2-2)	-5.4 (-13.8-3.5)
Manchester	12.3 (8.4-17.3)	0.4 (-9.6-13.7)	9.8 (6.8-13.6)	1 (-9.1-13)	3.6 (2.6-5)	1.2 (-8.9-12.6)	1 (0.7-1.4)	-4.7 (-14.3-6.3)	0.3 (0.2-0.4)	15.6 (1.5-31)	1.8 (1.4-2.3)	3 (-6.4-12.9)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Oldham	12.1 (8.3-16.8)	1.5 (-8.7-13.1)	9.7 (6.8-13.3)	2.4 (-7.9-13.6)	3.7 (2.7-5)	0.8 (-7.8-10.7)	1 (0.7-1.4)	0.5 (-9.1-10.5)	0.3 (0.2-0.4)	-2.5 (-12.9-10.6)	1.7 (1.3-2.2)	-2.7 (-10.7-5.3)
Rochdale	12.2 (8.5-16.7)	1.1 (-8.4-12.6)	9.8 (6.9-13.4)	2 (-8-13.3)	3.7 (2.7-5.2)	0.4 (-8.3-10.4)	1 (0.7-1.3)	0 (-10.2-10.9)	0.3 (0.2-0.4)	-2.6 (-13.2-9.3)	1.7 (1.2-2.2)	-5.8 (-13-1.9)
Salford	12.2 (8.4-17)	-0.6 (-12-11.2)	9.8 (6.7-13.7)	0.2 (-10.5-12.3)	3.7 (2.7-5.2)	1 (-9.1-11.6)	1 (0.7-1.3)	-2.6 (-12.9-7.8)	0.3 (0.2-0.4)	4.3 (-8.7-18.7)	1.7 (1.3-2.2)	4.7 (-4.8-14)
Sefton	11 (7.6-15.2)	0.8 (-9.8-14.3)	9.1 (6.3-12.6)	1.8 (-9-14.3)	3.7 (2.7-5.1)	1.1 (-8.1-12.1)	1 (0.7-1.4)	-0.7 (-10.7-9.7)	0.3 (0.2-0.4)	-4 (-15.5-7.8)	1.4 (1-1.8)	-10.2 (-17.7--1.7)
St Helens	11.4 (7.9-15.9)	0.5 (-10.7-12.8)	9.3 (6.5-13.1)	1.6 (-9.1-13.7)	3.7 (2.6-5)	0.2 (-9.3-11.8)	1 (0.7-1.4)	-1.4 (-10.9-10.2)	0.3 (0.2-0.4)	-7.9 (-18.1-5.1)	1.5 (1.1-1.9)	-9.8 (-17.4--1.2)
Stockport	10.6 (7.4-14.8)	0.3 (-9.4-12.2)	8.8 (6.1-12.2)	1 (-8.3-13.4)	3.7 (2.7-5.1)	1 (-8.4-11.3)	1 (0.7-1.4)	0 (-9.6-11.1)	0.3 (0.2-0.4)	-4.5 (-14.9-8)	1.5 (1.1-2)	-5.9 (-13.3-2.6)
Tameside	11.3 (7.8-15.6)	0 (-10.9-13.9)	9.2 (6.5-12.7)	0.7 (-9.8-13.4)	3.7 (2.7-5.2)	0.9 (-8.7-12.3)	1 (0.7-1.4)	-0.4 (-11.1-11.5)	0.3 (0.2-0.4)	-1.7 (-13.2-10.9)	1.6 (1.2-2.1)	-5.9 (-14.2-2.9)
Trafford	11.1 (7.7-15.2)	0.6 (-11.7-12.3)	9.1 (6.3-12.5)	1 (-11-12.4)	3.5 (2.6-4.8)	0 (-10.7-11)	1 (0.7-1.4)	0 (-10.1-10)	0.3 (0.2-0.4)	0.8 (-10.6-12.3)	1.5 (1.2-2)	-2.4 (-11.3-6)
Warrington	11.5 (7.9-15.9)	-0.3 (-10.1-12.2)	9.4 (6.4-13.2)	0.4 (-9.4-12.7)	3.7 (2.7-5.1)	-0.2 (-9.2-10.4)	1 (0.7-1.3)	0 (-9.8-10.5)	0.3 (0.2-0.4)	-4.1 (-15.6-6.8)	1.5 (1.1-1.9)	-10.8 (-18.2--2.5)
Wigan	11.3 (7.8-15.7)	0.7 (-10-14.3)	9.3 (6.5-13.1)	1.4 (-9.8-15)	3.7 (2.7-5.3)	-0.3 (-9.8-10.2)	1 (0.7-1.4)	-0.9 (-10.1-10)	0.3 (0.2-0.4)	-5.8 (-16.9-6.6)	1.5 (1.1-1.9)	-9.4 (-17.1--1.1)
Wirral	11.2 (7.8-15.6)	0 (-10.7-10.8)	9.2 (6.5-12.7)	0.9 (-9.5-11.8)	3.7 (2.6-5.1)	0.3 (-8.6-10.4)	1 (0.7-1.4)	-0.8 (-10.4-10.8)	0.3 (0.2-0.4)	-2.8 (-14-10.1)	1.4 (1.1-1.9)	-9.9 (-17--1.8)
South East England	10.7 (7.5-15)	0.8 (-2.8-3.8)	8.9 (6.3-12.4)	1.4 (-2.2-4.4)	3.6 (2.7-5)	-0.7 (-3.6-2.1)	1 (0.7-1.4)	0.1 (-3.2-3.3)	0.3 (0.2-0.4)	-2.8 (-6.7-1.2)	1.5 (1.1-1.9)	-6.1 (-8.6--3.7)
Bracknell Forest	10.5 (7.2-14.4)	0.2 (-13.2-12.5)	8.7 (6.1-12.1)	0.8 (-12-12.8)	3.5 (2.6-4.8)	0.3 (-9.6-11.7)	1 (0.7-1.4)	0 (-9.5-10.6)	0.3 (0.2-0.5)	-3.5 (-13.2-7.7)	1.6 (1.2-2)	-10.3 (-18.6--2)
Brighton and Hove	11.3 (7.8-15.6)	-0.3 (-11.3-13.3)	9.3 (6.5-12.9)	0.4 (-10-12.8)	3.7 (2.7-5.1)	-2.5 (-12.7-8.7)	1 (0.7-1.4)	-1.6 (-11.5-8.8)	0.3 (0.2-0.4)	14.3 (1.8-28.7)	1.5 (1.1-1.9)	-4.7 (-13-4.1)
Buckinghamshire	10.8 (7.5-15.1)	0.4 (-11.5-14.3)	9 (6.3-12.6)	1 (-10.2-12.9)	3.6 (2.6-4.9)	-1.3 (-11-8.7)	1 (0.7-1.4)	0.8 (-9.8-11.6)	0.3 (0.2-0.4)	-6.7 (-18.2-4.3)	1.5 (1.1-1.9)	-9 (-17.1--0.5)
East Sussex	11 (7.7-15.3)	0 (-12.6-13.6)	9.2 (6.5-12.8)	0.8 (-11-14.8)	3.8 (2.7-5.2)	-0.6 (-11.4-11)	1 (0.7-1.4)	1.6 (-9.2-14.3)	0.3 (0.2-0.4)	1.7 (-10.3-15.5)	1.4 (1-1.8)	-9.5 (-18-0.4)
Hampshire	10.3 (7.1-14.4)	0.1 (-12.8-11.3)	8.7 (6-12.1)	0.8 (-12-12)	3.6 (2.6-4.9)	-0.6 (-9.8-9.3)	1 (0.8-1.4)	0.8 (-9.2-11.7)	0.3 (0.2-0.4)	-7.2 (-17.7-4)	1.4 (1.1-1.8)	-10.6 (-18.1--3.2)
Isle of Wight	10.8 (7.5-15.1)	0.8 (-10-13.1)	9 (6.2-12.7)	2 (-8.6-13.1)	3.6 (2.6-5)	0.6 (-8.6-11.4)	1 (0.7-1.4)	0.7 (-8.3-12.1)	0.3 (0.2-0.4)	-4 (-13.9-7.9)	1.3 (1-1.6)	-9.3 (-16.8--0.9)
Kent	10.5 (7.2-14.8)	0.7 (-10.4-12.7)	8.8 (6.2-12.4)	1.4 (-9.4-13.5)	3.7 (2.7-5)	-1.1 (-9.7-8.9)	1 (0.8-1.4)	0.3 (-10.2-10.9)	0.3 (0.2-0.4)	-3.4 (-14.1-9.3)	1.5 (1.1-2)	-6.2 (-14.4-2.1)
Medway	11.6 (8-16.5)	1.6 (-10.4-14.4)	9.5 (6.6-13.4)	2.7 (-9-15.1)	3.7 (2.7-5.1)	1.6 (-8.5-11.6)	1 (0.7-1.4)	0.1 (-10.5-11)	0.3 (0.2-0.4)	-5 (-16.6-6.7)	1.6 (1.2-2.1)	-6.3 (-14.5-1.6)
Milton Keynes	11 (7.7-15.5)	1 (-9.8-13.8)	9.1 (6.3-12.7)	1.1 (-9.4-13.4)	3.6 (2.6-5)	0.1 (-9.4-11.2)	1 (0.7-1.4)	-1.2 (-11.2-8.8)	0.3 (0.2-0.4)	-5.3 (-16.1-6.4)	1.7 (1.3-2.2)	-3.5 (-11.7-5.5)
Oxfordshire	10.7 (7.3-14.9)	0.3 (-11-12.6)	9 (6.2-12.5)	0.9 (-9.8-13.2)	3.5 (2.5-4.9)	-1.1 (-9.2-9.8)	1 (0.7-1.4)	-0.6 (-10-10.1)	0.3 (0.2-0.4)	-4.6 (-14.5-7.8)	1.5 (1.1-1.9)	-7.5 (-14.7-1)
Portsmouth	11.2 (7.8-15.4)	1 (-9.7-13.9)	9.2 (6.4-12.7)	1.6 (-8.8-14.2)	3.7 (2.7-5.3)	1 (-7.4-12.2)	1 (0.7-1.4)	-1.7 (-11.3-8.7)	0.3 (0.2-0.4)	7.9 (-4.7-22.1)	1.6 (1.3-2.2)	1 (-6.8-10.1)
Reading	11.4 (7.7-15.9)	0.9 (-10.3-19.3)	9.3 (6.4-13.1)	1.1 (-9.9-18.7)	3.7 (2.7-5.1)	1.2 (-8.9-13.4)	1 (0.7-1.4)	-2 (-11.2-8.8)	0.3 (0.2-0.4)	5.7 (-6.1-18.6)	1.8 (1.3-2.4)	7.7 (-1.5-19.7)
Slough	12.1 (8.3-16.9)	1.2 (-9.3-13.9)	9.7 (6.7-13.5)	1 (-9.1-13.6)	3.6 (2.6-5)	0.4 (-9.8-12.3)	1 (0.7-1.3)	-1.5 (-11.3-10.1)	0.3 (0.2-0.4)	12.2 (-1-27.9)	2 (1.5-2.5)	9.8 (-0.5-21.5)
Southampton	11.6 (8-16.3)	0.5 (-9.9-11.5)	9.4 (6.6-13.2)	1.3 (-9.5-12.5)	3.7 (2.7-5.3)	0.1 (-8.9-10)	1 (0.7-1.4)	-3.7 (-12.5-6.5)	0.3 (0.2-0.4)	5.8 (-5.2-20.3)	1.7 (1.3-2.2)	3.6 (-4.6-12.5)
Surrey	10.2 (7.1-14.3)	1.2 (-9.7-13.9)	8.6 (6-12)	1.6 (-9.4-14.3)	3.6 (2.6-4.9)	-0.9 (-10.7-8.8)	1 (0.7-1.4)	0.8 (-9.3-12.3)	0.3 (0.2-0.5)	-3 (-14.3-8.7)	1.5 (1.1-1.9)	-4.3 (-13-3.8)
West Berkshire	10.6 (7.2-14.9)	1 (-10.4-14.5)	8.8 (6-12.2)	1.4 (-9.2-14.3)	3.5 (2.5-4.8)	-1.4 (-11.3-9.4)	1 (0.7-1.4)	1 (-8.8-12.3)	0.3 (0.2-0.4)	-6.5 (-16.8-5.6)	1.5 (1.1-1.9)	-9.6 (-16.7--0.8)
West Sussex	10.7 (7.4-15.1)	0.4 (-11.1-14.9)	8.9 (6.3-12.7)	1 (-10.2-15.6)	3.7 (2.7-5.1)	-0.8 (-10.7-9.1)	1 (0.7-1.4)	0.3 (-9.5-11.1)	0.3 (0.2-0.4)	-0.4 (-11.5-12)	1.4 (1.1-1.9)	-6.9 (-14.8-2.1)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Windsor and Maidenhead	10.4 (7.2-14.6)	0.4 (-11-10.9)	8.7 (6-12)	0.7 (-9.6-10.8)	3.4 (2.5-4.6)	-1 (-9.7-8.9)	1 (0.7-1.4)	-0.4 (-10.6-11)	0.3 (0.2-0.5)	-5.9 (-16.4-5.2)	1.5 (1.1-1.9)	-7 (-14.2-1.1)
Wokingham	9.9 (6.8-13.8)	0.3 (-10.4-12.5)	8.3 (5.7-11.5)	0.5 (-10-11.9)	3.4 (2.5-4.7)	-0.8 (-11.2-9.7)	1 (0.7-1.4)	0.6 (-10.6-11.4)	0.3 (0.2-0.5)	-11.8 (-22.3--1.2)	1.5 (1.1-1.9)	-10.1 (-18.2--2)
South West England	10.7 (7.4-15)	0.5 (-2.8-4.3)	8.9 (6.3-12.5)	1.3 (-2-5)	3.6 (2.7-5)	0.2 (-2.9-3.2)	1 (0.7-1.4)	0.3 (-2.7-3.5)	0.3 (0.2-0.4)	-3.1 (-6.6-0.7)	1.4 (1.1-1.9)	-6.6 (-9.1--4.1)
Bath and North East Somerset	10 (6.9-14.1)	-0.2 (-11.5-11.7)	8.4 (5.8-11.7)	0.8 (-10.6-12.5)	3.5 (2.6-4.8)	-0.5 (-9.3-10.8)	1.1 (0.8-1.4)	0.7 (-8.7-11.7)	0.3 (0.2-0.4)	-1.9 (-12.3-8.8)	1.4 (1.1-1.8)	-5.8 (-13.7-2.3)
Bournemouth	10.8 (7.6-15)	-0.4 (-13.3-12.5)	9 (6.4-12.5)	0.7 (-11.5-13.7)	3.7 (2.8-5.2)	1.3 (-9.4-12.1)	1 (0.7-1.4)	-5.4 (-14.5-4.9)	0.3 (0.2-0.4)	8.4 (-3.9-22)	1.5 (1.2-2)	3.6 (-5.9-13.5)
Bristol, City of	10.8 (7.5-15.2)	0.5 (-10.1-14.4)	9 (6.3-12.5)	1.1 (-9.9-13.7)	3.7 (2.7-5.1)	2 (-8.4-13.1)	1 (0.7-1.4)	-3 (-12.5-7.5)	0.3 (0.2-0.4)	4.8 (-6.9-18.4)	1.7 (1.3-2.2)	3.5 (-5.4-12.9)
Cornwall	10.9 (7.5-15.3)	0.1 (-11.4-14.3)	9.1 (6.3-12.8)	1.2 (-10-15.7)	3.7 (2.7-5.1)	0.8 (-9.3-12)	1 (0.7-1.4)	1.1 (-9.3-12.5)	0.3 (0.2-0.4)	-6 (-16.7-6.7)	1.4 (1-1.8)	-8.4 (-16.6-0.8)
Devon	10.3 (7-14.5)	0.4 (-10.2-12.3)	8.7 (6-12.2)	1.2 (-8.9-13.1)	3.6 (2.7-5)	-0.3 (-10.6-10.2)	1 (0.8-1.4)	1 (-9.1-11.8)	0.3 (0.2-0.4)	-4.8 (-15.6-6.8)	1.3 (1-1.7)	-8.3 (-16.4--0.1)
Dorset	10.6 (7.3-15.1)	0.7 (-11.8-15.1)	8.9 (6.2-12.5)	1.5 (-10.3-16.1)	3.5 (2.6-4.9)	-0.8 (-11.1-9.9)	1 (0.7-1.4)	2 (-7.8-13)	0.3 (0.2-0.4)	-5 (-16.3-7.7)	1.2 (1-1.6)	-10.4 (-18.5--2.4)
Gloucestershire	10.7 (7.4-15.1)	0.9 (-10.9-12.3)	9 (6.2-12.7)	1.6 (-10-13.6)	3.7 (2.7-5.2)	0.5 (-8.5-10.4)	1 (0.7-1.4)	0.4 (-10.2-11.8)	0.3 (0.2-0.4)	-3 (-15.3-9.1)	1.4 (1.1-1.9)	-9 (-15.9--0.8)
North Somerset	10.4 (7.3-14.5)	1.4 (-9.4-13.4)	8.6 (6.1-12)	2.2 (-8.7-13.5)	3.6 (2.6-4.8)	0.4 (-8.7-10.7)	1 (0.7-1.4)	1.5 (-8.1-12)	0.3 (0.2-0.4)	-5.7 (-16-5.1)	1.4 (1.1-1.8)	-5.7 (-12.9-2.5)
Plymouth	11 (7.6-15.4)	0.3 (-10.3-13.2)	9.1 (6.3-12.5)	1.1 (-9.4-13.8)	3.6 (2.7-5)	1.2 (-8.7-12.6)	1 (0.7-1.4)	-1.4 (-11.8-10.6)	0.3 (0.2-0.4)	-2.8 (-13.4-9.5)	1.5 (1.1-2)	-4.2 (-12.3-5.4)
Poole	10.7 (7.4-15)	0.8 (-9.3-14.3)	8.8 (6.1-12.2)	1.1 (-8.4-13.2)	3.5 (2.5-4.7)	0 (-8.4-9.9)	1 (0.7-1.4)	-1.3 (-11.4-9.4)	0.3 (0.2-0.4)	-0.9 (-12.8-12.4)	1.4 (1.1-1.8)	-5.2 (-12.9-3)
Somerset	10.6 (7.4-15.2)	0.2 (-10.4-14.7)	8.9 (6.2-12.9)	1 (-9.8-15.2)	3.7 (2.7-5)	0.1 (-10.1-10.9)	1 (0.7-1.4)	1.9 (-8.1-13.5)	0.3 (0.2-0.4)	-4.8 (-15.3-7.7)	1.4 (1.1-1.8)	-8.9 (-16.4--0.2)
South Gloucestershire	10.5 (7.3-14.7)	0.9 (-10.8-12.9)	8.8 (6.2-12.3)	1.7 (-9.9-13.3)	3.6 (2.6-4.9)	-1 (-11.4-9.4)	1 (0.7-1.4)	0.7 (-8.9-11.2)	0.3 (0.2-0.4)	-6.9 (-16.4-5.1)	1.5 (1.1-1.9)	-9.3 (-16.9--1.4)
Swindon	10.8 (7.5-14.8)	0.3 (-9-13.1)	8.9 (6.2-12.2)	0.9 (-8.4-13.3)	3.5 (2.6-4.9)	0 (-8.8-9.5)	1 (0.7-1.4)	-0.6 (-10-9.8)	0.3 (0.2-0.5)	2.1 (-8.4-13.9)	1.6 (1.2-2)	-6.1 (-13.1-2.6)
Torbay	11.1 (7.7-15.8)	0.5 (-10.4-12.1)	9.1 (6.4-13)	1.5 (-9-12.4)	3.7 (2.6-5.1)	1.7 (-7.2-11.7)	1 (0.7-1.4)	0.9 (-8.9-11.8)	0.3 (0.2-0.4)	-2.2 (-14.7-10.8)	1.4 (1-1.8)	-3.3 (-11.1-5.1)
Wiltshire	10.7 (7.4-14.9)	0.1 (-9.5-11.6)	9 (6.3-12.4)	0.8 (-9.4-12.7)	3.7 (2.7-5.1)	-1.2 (-11-9.9)	1 (0.7-1.4)	2.1 (-7.1-12.5)	0.3 (0.2-0.4)	-3.7 (-13.7-7.2)	1.4 (1.1-1.9)	-11.1 (-19--2.9)
West Midlands	11.4 (7.9-15.8)	0.9 (-2.9-5.6)	9.3 (6.5-12.8)	1.7 (-2.2-6)	3.6 (2.6-5)	0.2 (-3.4-3.9)	1 (0.7-1.4)	-0.3 (-3.8-3.3)	0.3 (0.2-0.4)	-3.3 (-7-0.4)	1.5 (1.2-2)	-5.3 (-8.3--2.1)
Birmingham	11.8 (8-16.4)	0.7 (-8.8-15.8)	9.4 (6.5-13.3)	1.4 (-8.5-15.1)	3.5 (2.5-4.9)	-0.1 (-8.8-12.3)	1 (0.7-1.4)	-1.3 (-11-9.7)	0.3 (0.2-0.4)	6.7 (-5.8-20.8)	1.8 (1.3-2.3)	-1.5 (-10-9.6)
Coventry	11.9 (8.2-16.7)	1.1 (-12.6-13.3)	9.6 (6.7-13.3)	2 (-11.5-14.5)	3.7 (2.7-5)	1.9 (-8.3-13.4)	1 (0.7-1.4)	-1.3 (-11.9-9.2)	0.3 (0.2-0.4)	2 (-10.2-14.8)	1.7 (1.3-2.3)	2.4 (-7.1-11.9)
Dudley	11.4 (7.8-15.9)	0.8 (-11.9-14.1)	9.3 (6.4-12.8)	1.4 (-10.5-14.1)	3.6 (2.6-5)	0.7 (-10.4-12.1)	1 (0.7-1.4)	1.3 (-9-14)	0.3 (0.2-0.4)	-5.2 (-16-8)	1.5 (1.1-2)	-3.9 (-13.4-5.1)
Herefordshire, County of	11 (7.4-15.4)	-0.1 (-11.1-12.4)	9 (6.2-12.5)	1.1 (-9.9-13.2)	3.5 (2.5-4.9)	0.5 (-9.3-10.1)	1 (0.7-1.3)	0.7 (-9.3-12)	0.3 (0.2-0.4)	-6 (-16.4-5.5)	1.3 (1-1.7)	-11.6 (-19.1--3.9)
Sandwell	11.8 (8.1-16.5)	0.4 (-10.4-12)	9.6 (6.6-13.3)	1 (-10-12.2)	3.7 (2.7-5.1)	0.4 (-9.6-11.2)	1 (0.7-1.4)	-0.9 (-10.2-9.2)	0.3 (0.2-0.4)	5.5 (-5.6-19.3)	1.7 (1.3-2.3)	1.8 (-7.1-10.4)
Shropshire	10.9 (7.3-15.2)	-0.2 (-10.2-12.2)	9 (6.2-12.6)	0.6 (-9.8-12.9)	3.6 (2.6-4.9)	-0.4 (-9.7-9.9)	1 (0.7-1.4)	1.5 (-9.6-12.2)	0.3 (0.2-0.4)	-7.9 (-18.9-3.6)	1.3 (1-1.7)	-13.3 (-20.8--6)
Solihull	10.6 (7.2-14.7)	0.3 (-10-12.3)	8.8 (6.1-12.1)	1.3 (-9.7-12.5)	3.5 (2.5-4.8)	0.2 (-9.2-9.8)	1 (0.7-1.4)	1 (-9.7-11.2)	0.3 (0.2-0.4)	-7.4 (-18-3)	1.4 (1.1-1.9)	-7.6 (-14.9-0.6)
Staffordshire	10.6 (7.3-14.9)	0.7 (-11.1-13.9)	8.8 (6.2-12.5)	1.4 (-10.2-13.8)	3.6 (2.6-4.8)	-0.1 (-10.1-11.3)	1 (0.7-1.4)	0.2 (-10.4-12.5)	0.3 (0.2-0.4)	-8.4 (-18.9-3.1)	1.4 (1-1.8)	-12.1 (-20.3--4)
Stoke-on-Trent	12 (8.3-16.7)	1.3 (-9.4-16.6)	9.7 (6.8-13.5)	1.7 (-8.5-16.3)	3.7 (2.7-5.3)	1.2 (-9.2-12.1)	1 (0.7-1.3)	-2.1 (-12-9.3)	0.3 (0.2-0.4)	0.4 (-11.2-14.6)	1.6 (1.2-2.1)	-0.2 (-8.7-10.3)
Telford and Wrekin	11.4 (7.9-15.8)	1.3 (-10-14.2)	9.3 (6.5-12.8)	2 (-8.8-14)	3.6 (2.6-5)	0.2 (-8.8-10.7)	1 (0.7-1.4)	-0.2 (-10.1-10.7)	0.3 (0.2-0.4)	-6.3 (-17-6.2)	1.6 (1.2-2.1)	-9.1 (-16.3--0.6)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Walsall	12.1 (8.3-16.7)	1.1 (-10-12.8)	9.7 (6.8-13.4)	1.9 (-9-14)	3.6 (2.6-5)	-0.1 (-10.2-11.3)	1 (0.7-1.3)	-0.2 (-11.1-11.6)	0.3 (0.2-0.4)	-2.4 (-14.2-11.2)	1.6 (1.2-2.1)	-2.7 (-10.8-6.3)
Warwickshire	10.8 (7.6-15.1)	1.1 (-8.1-13.2)	9.1 (6.4-12.8)	1.8 (-8.2-13.8)	3.8 (2.7-5.2)	0.4 (-9-10.2)	1 (0.7-1.4)	0.2 (-9.8-11.6)	0.3 (0.2-0.4)	-6.9 (-17.4-4.5)	1.4 (1.1-1.9)	-8.3 (-15.7-0.1)
Wolverhampton	11.8 (8.1-16.3)	0.4 (-10-12.4)	9.5 (6.7-13.1)	1 (-9.6-13.9)	3.7 (2.6-5.2)	0.7 (-8.7-11.6)	1 (0.7-1.4)	-1.8 (-11.8-8.7)	0.3 (0.2-0.4)	4.3 (-8.2-17.9)	1.6 (1.2-2.2)	-0.2 (-8.1-9.4)
Worcestershire	10.8 (7.4-15.1)	0.5 (-10.2-15.6)	9 (6.2-12.7)	1.3 (-8.8-15.9)	3.6 (2.6-5)	-0.5 (-9.5-10.4)	1 (0.7-1.4)	0.8 (-8.8-11.6)	0.3 (0.2-0.4)	-9.4 (-19.8-1.4)	1.4 (1-1.8)	-11.1 (-18.3--2.8)
Yorkshire and the Humber	11.4 (8-15.8)	0.3 (-3.6-3.8)	9.3 (6.6-12.9)	1.2 (-2.4-4.7)	3.6 (2.7-5)	0.2 (-2.7-2.9)	1 (0.7-1.4)	-1 (-3.9-2.2)	0.3 (0.2-0.4)	-2.4 (-5.7-1)	1.5 (1.2-2)	-6.1 (-8.7--3.6)
Barnsley	11.5 (8-15.7)	0.4 (-9.5-11)	9.4 (6.6-12.9)	1.4 (-8.4-12.1)	3.8 (2.7-5.3)	0.1 (-8.4-11)	1 (0.7-1.3)	0.6 (-8.7-12.9)	0.3 (0.2-0.4)	-2.4 (-13.3-11.3)	1.5 (1.1-2)	-8 (-14.9-0.2)
Bradford	12.3 (8.3-17.1)	0.2 (-11.1-13.5)	9.6 (6.6-13.3)	0.4 (-10.7-13.4)	3.5 (2.5-4.8)	-1.5 (-12-10.8)	1 (0.7-1.3)	-1.7 (-12.3-11.2)	0.3 (0.2-0.4)	2.5 (-9.7-16.5)	1.7 (1.3-2.2)	-4.5 (-13.7-4.7)
Calderdale	11.9 (8.2-16.5)	1.4 (-10.7-13.1)	9.6 (6.7-13.3)	2.6 (-8.7-14.4)	3.6 (2.6-5.1)	0.7 (-9.4-12.8)	1 (0.7-1.3)	-0.2 (-10.1-12.1)	0.3 (0.2-0.4)	-0.8 (-12.2-12.6)	1.5 (1.1-1.9)	-9.5 (-17.9-0.1)
Doncaster	11.7 (8.1-16.3)	1.1 (-9.2-13.2)	9.5 (6.7-13.3)	1.8 (-8.7-13.9)	3.7 (2.7-5.1)	-0.3 (-9.3-11.2)	1 (0.7-1.3)	-0.6 (-11.7-10.1)	0.3 (0.2-0.4)	-2.1 (-13.7-12.8)	1.5 (1.1-2)	-7.9 (-15.6-1.6)
East Riding of Yorkshire	10.9 (7.4-15.4)	0.7 (-11.1-11.8)	9.1 (6.2-12.7)	1.5 (-10.3-12.5)	3.6 (2.6-5)	-0.2 (-10.4-9.8)	1 (0.7-1.4)	0.9 (-8.7-12.1)	0.3 (0.2-0.4)	-9.6 (-19.9-1.3)	1.3 (1-1.6)	-14.8 (-22.6--7)
Kingston upon Hull, City of	12.1 (8.4-17.1)	0.2 (-9.8-12.1)	9.8 (6.8-13.7)	0.9 (-9.4-12.6)	3.8 (2.7-5.2)	1.3 (-8.4-12.4)	1 (0.7-1.3)	-3 (-13.4-8.1)	0.3 (0.2-0.4)	4.9 (-7.5-19.3)	1.7 (1.3-2.2)	-2.3 (-11.1-6.5)
Kirklees	11.9 (8.3-16.3)	0 (-10.8-12.3)	9.7 (6.7-13.5)	0.8 (-9.3-12.8)	3.6 (2.6-5)	0.1 (-9.9-9.8)	1 (0.7-1.3)	-1 (-11.4-9.5)	0.3 (0.2-0.4)	-3.2 (-15.7-10.2)	1.5 (1.2-2)	-9.4 (-17.1--1.6)
Leeds	11.2 (7.8-15.5)	1.2 (-10-12.9)	9.2 (6.5-12.7)	2.1 (-8.5-13.7)	3.8 (2.8-5.2)	2.9 (-7.4-13)	1 (0.7-1.4)	-3.2 (-13.3-6.8)	0.3 (0.2-0.4)	1 (-10.3-14.8)	1.6 (1.3-2.1)	1.6 (-7.1-10.9)
North East Lincolnshire	11.7 (8.1-16.1)	0.7 (-10-12.1)	9.5 (6.7-13.1)	1.8 (-8.8-12.8)	3.7 (2.7-5.2)	1.7 (-9.2-12.2)	1 (0.7-1.3)	-1.5 (-11.5-10.4)	0.3 (0.2-0.4)	-2.6 (-13.3-11.9)	1.5 (1.1-2)	-10.3 (-18.2--1.9)
North Lincolnshire	11.3 (7.7-15.8)	0.7 (-8.6-12)	9.2 (6.4-13.1)	1.6 (-7.8-13.1)	3.6 (2.6-5.1)	-0.3 (-9-11)	1 (0.7-1.4)	0.4 (-9.8-10.9)	0.3 (0.2-0.4)	-4.6 (-15.2-7.3)	1.5 (1.1-1.9)	-7.9 (-14.9-0.1)
North Yorkshire	10.6 (7.3-14.9)	0.8 (-11.5-12.9)	8.8 (6.2-12.6)	1.7 (-10.1-12.9)	3.6 (2.6-5)	0.4 (-9.2-11.7)	1 (0.7-1.4)	0.3 (-9.9-12.6)	0.3 (0.2-0.4)	-6.7 (-18.2-5.2)	1.3 (1-1.7)	-11.8 (-19.4--3.7)
Rotherham	11.4 (7.9-15.8)	0.3 (-9.7-11.6)	9.3 (6.5-12.9)	1.3 (-9.2-12.1)	3.7 (2.7-5.1)	0.1 (-9.1-9.4)	1 (0.7-1.4)	0.6 (-9.5-11.6)	0.3 (0.2-0.4)	-5.7 (-17.3-6.3)	1.5 (1.1-1.9)	-8.6 (-16--0.7)
Sheffield	10.9 (7.5-15.2)	-0.5 (-12-10.6)	9 (6.2-12.6)	0.4 (-10.9-11.6)	3.6 (2.6-4.9)	-1.3 (-10.8-8.6)	1 (0.8-1.4)	-0.6 (-10.4-10.5)	0.3 (0.2-0.4)	2.2 (-9.4-16.6)	1.6 (1.2-2)	-0.8 (-9.8-8.6)
Wakefield	11.3 (7.8-15.7)	0.1 (-11.6-11.8)	9.3 (6.5-12.9)	1 (-10.3-13)	3.7 (2.7-5.1)	0.8 (-9.7-10.9)	1 (0.7-1.4)	-0.4 (-11.5-10.3)	0.3 (0.2-0.4)	-4.1 (-15.8-8)	1.5 (1.1-1.9)	-8.2 (-16.7--0.1)
York	10.8 (7.4-15)	-0.9 (-13-9.1)	8.9 (6.2-12.2)	0.1 (-11-10.2)	3.5 (2.5-4.8)	-0.2 (-9.6-10.1)	1 (0.7-1.4)	-2 (-12.1-9.1)	0.3 (0.2-0.4)	-2.8 (-13.5-9.6)	1.4 (1.1-1.8)	-5.2 (-13.6-3)
Northern Ireland	13.6 (9.9-18.6)	1.4 (-7.1-11.8)	11.5 (8.4-15.7)	2.2 (-6.7-12.8)	6.1 (4.5-8.2)	1.1 (-7.3-10.1)	2.2 (1.6-2.9)	-0.9 (-9.3-8)	0.7 (0.5-1)	-0.5 (-9-9.9)	2.7 (2.1-3.5)	-9.8 (-17.1--2.5)
Scotland	13.6 (9.9-18.3)	-0.3 (-9.9-9.5)	11.5 (8.5-15.5)	0.3 (-9.3-10)	6.2 (4.7-8.3)	-1.6 (-9.6-7.9)	2.2 (1.7-2.9)	-0.2 (-8.2-9.3)	0.7 (0.5-0.9)	-2.4 (-12.1-8.9)	2.5 (1.9-3.1)	-11.1 (-17.6--3.4)
Wales	13.1 (9.5-17.7)	-0.5 (-12.1-12.3)	11.1 (8.1-15.1)	0.3 (-11.6-13.2)	6.1 (4.5-8.1)	-0.1 (-10.1-9.7)	2.2 (1.7-3)	0.3 (-8.4-9.2)	0.7 (0.5-1)	-3.1 (-12.2-6.4)	2.5 (1.9-3.2)	-8.7 (-16.5--1.1)
Latin America and Caribbean	31.9 (26-37.9)	14.8 (10.2-19.7)	30.6 (25.1-36.4)	15.8 (11.3-20.7)	21.1 (17.3-25.3)	12.2 (7.9-16.7)	3.9 (3.1-4.8)	-13.3 (-16.6--9.7)	0.7 (0.5-1)	-22.4 (-25.9--19)	8.1 (6.8-9.5)	-15 (-17.7--12.2)
Andean Latin America	10.8 (8.3-13.7)	3 (-2.9-8.8)	10.5 (8.2-13.3)	3 (-2.7-8.8)	8 (6.4-10)	3.6 (-1.8-8.9)	2.3 (1.8-2.9)	-4.2 (-9.4-1.1)	0.6 (0.5-0.9)	-4.3 (-9.6-1.5)	3.8 (3.1-4.6)	-12.4 (-16.7--8)
Bolivia (Plurinational State of)	11.4 (8.2-16)	-0.5 (-10.5-9.6)	11.1 (7.9-15.6)	-0.5 (-10.5-9.6)	8.2 (5.9-11.2)	0.9 (-7.8-9.9)	2.3 (1.7-3)	-5.4 (-13.3-4.2)	0.6 (0.4-0.8)	-2.7 (-11.4-6.9)	4.3 (3.2-5.7)	-12 (-18.8--4.9)
Ecuador	11.2 (10-12.4)	10.7 (3.5-19.5)	11 (9.8-12.1)	10.6 (3.5-19.5)	8.6 (7.7-9.5)	9 (2.3-16.7)	2.3 (1.9-2.7)	-2.5 (-10.3-5.6)	0.7 (0.6-0.9)	-7.1 (-14.9-0.8)	4 (3.6-4.4)	-9.6 (-14.8--3.9)
Peru	10.2 (7.3-13.7)	-0.1 (-10-9.8)	9.9 (7.2-13.4)	-0.2 (-10-9.7)	7.5 (5.5-10.1)	0.8 (-8.9-10)	2.2 (1.6-3)	-5.3 (-13.2-3)	0.6 (0.4-0.9)	-3.7 (-11.8-5.9)	3.5 (2.7-4.4)	-15.8 (-22.9--8.6)
Caribbean	265 (212-314)	14.1 (8.2-21.2)	254 (203-302)	14.6 (8.7-21.6)	173 (141-206)	12.5 (6.8-19.7)	20.6 (15.6-27)	-14.7 (-21.7--7.8)	3 (2.2-4)	-27.5 (-34--21.5)	59.8 (49.9-70.5)	-10 (-14.1--5)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Antigua and Barbuda	141 (97.7-197)	6.8 (-6.6-22.6)	140 (96.6-195)	6.8 (-6.6-22.6)	107 (76-146)	4.6 (-7.9-19.8)	16.3 (12-21.5)	-20.3 (-30.2--9.7)	3.8 (2.7-5.2)	-21.8 (-31.4--11.2)	32.1 (24.3-42.2)	-26.8 (-33.9--18.6)
Bahamas	294 (210-398)	8.4 (-6.1-25.3)	289 (206-391)	8 (-6.5-24.8)	208 (149-275)	3.9 (-10.2-18.5)	26.9 (19.5-36.6)	-0.5 (-14-16.4)	4.4 (3.1-6.2)	0 (-11.7-15.1)	61.9 (47-79.6)	-24 (-32.9--13.5)
Barbados	151 (103-211)	7.8 (-6.1-25.8)	149 (102-209)	7.8 (-6-26)	115 (80.4-157)	5.4 (-7.7-20.2)	16.5 (12.1-22.1)	-17.8 (-28.9--6)	3.3 (2.4-4.5)	-22.9 (-32.8--12.1)	28.7 (21.5-37.2)	-24.3 (-32--16)
Belize	189 (132-261)	7.7 (-6.8-24.6)	185 (129-257)	7.7 (-6.8-24.5)	136 (95.5-183)	4.2 (-8.5-19.4)	21.4 (15.7-28.6)	-19 (-29.4--8)	4.1 (2.9-5.7)	-17.3 (-27.5--6.8)	55.8 (42-73.2)	-20.2 (-29.1--10.3)
Bermuda	120 (82-168)	8.6 (-5.3-25.9)	119 (81-166)	8.7 (-5.2-25.9)	93.5 (65-127)	5.9 (-7-21.5)	14.5 (10.7-19.1)	-18.9 (-29.1--7.5)	3.3 (2.4-4.5)	-33.8 (-43--24.9)	20.8 (15.9-26.7)	-28.5 (-35.5--20.2)
Cuba	67.2 (51.6-85.5)	52.9 (29.9-76.7)	66.4 (51-84.3)	52.8 (29.9-76.6)	50.8 (38.7-64.9)	49.2 (28.1-71.8)	5 (3.8-6.5)	-23.9 (-37.6--4.9)	1.2 (0.8-1.6)	-32.6 (-45.6--15)	11.2 (8.9-14.1)	-5.2 (-17.2-9.7)
Dominica	151 (105-209)	6.6 (-8.8-22.5)	149 (104-206)	6.6 (-8.9-22.5)	109 (77.3-151)	4.2 (-9-18.8)	17 (12.5-22.6)	-17.8 (-28.5--6.4)	3.5 (2.5-4.8)	-10.6 (-22.5-1.1)	33.8 (25.6-44.2)	-26.4 (-34--17.7)
Dominican Republic	259 (193-327)	5.7 (-6-19.7)	254 (189-320)	5.8 (-6-19.7)	183 (137-229)	6.2 (-5-19)	23.2 (17.4-30.8)	-11.4 (-22.5-1)	4.2 (3-5.7)	-13.2 (-24--1.3)	70.7 (55.1-86.3)	-15.3 (-23.8--6.3)
Grenada	161 (113-225)	7 (-8.6-22.5)	159 (111-221)	7.5 (-8.2-22.9)	119 (84.4-162)	6.4 (-7.6-22.2)	18.9 (13.9-25.2)	-20.7 (-29.7--10.9)	3.8 (2.7-5.3)	-23.7 (-32.8--13)	38.3 (28.8-50.3)	-24 (-32.3--14.1)
Guyana	175 (126-238)	6.7 (-5.7-20.7)	172 (123-234)	6.7 (-5.6-20.6)	126 (90.9-170)	3.7 (-8.1-16.5)	18.7 (13.7-25.2)	-15.5 (-25.5--5.5)	3 (2.1-4.1)	-24.7 (-33.9--14.7)	48 (35.7-63.2)	-20 (-28--11.8)
Haiti	343 (280-398)	0.9 (-6.7-12.1)	334 (274-390)	0.9 (-6.8-12)	224 (186-267)	-0.5 (-8.2-9.9)	28 (20.6-37.3)	-28.5 (-37.9--18.6)	4.3 (3.1-6)	-27.7 (-37.3--17.6)	105 (87.9-123)	-16.1 (-22.2--8.1)
Jamaica	339 (283-404)	-6.3 (-19.2-7.4)	337 (281-401)	-6.3 (-19.2-7.4)	257 (212-307)	-9.3 (-20.9-3.6)	38.1 (28.4-50)	-38.8 (-48.4--26.9)	8.1 (5.9-10.9)	-37.7 (-46.7--26.8)	82.2 (69.6-98.1)	-37.5 (-45--29.4)
Puerto Rico	130 (88.1-184)	8.1 (-4.3-24.4)	129 (87.2-182)	8.1 (-4.3-24.3)	102 (71.7-139)	4.8 (-7-19.5)	15.6 (11.5-20.9)	-21.3 (-31.1--10.1)	2.8 (2-3.7)	-37.7 (-46.4--28.5)	23 (17.4-29.8)	-35.9 (-42--28.6)
Saint Kitts and Nevis	152 (106-211)	6.2 (-7.3-20.2)	149 (105-208)	6.3 (-7.2-20.4)	111 (79.6-153)	4.5 (-7.9-18.2)	16.4 (11.9-21.8)	-21.4 (-31.2--12.1)	3.6 (2.6-5)	-5.4 (-17.6-8.8)	32.8 (25.2-42.6)	-29.4 (-36.6--21.9)
Saint Lucia	165 (111-229)	6.4 (-6.4-23.1)	163 (109-226)	6.6 (-6.2-23.5)	122 (84.5-168)	3.9 (-7.7-19.3)	18.2 (13.4-24.1)	-25.1 (-34.2--16.1)	3.8 (2.8-5.2)	-20.1 (-29--9.9)	33.6 (25.4-43.9)	-38.1 (-44.1--30.9)
Saint Vincent and the Grenadines	166 (117-228)	6.6 (-6.3-21.9)	164 (115-224)	6.6 (-6.2-22.1)	123 (86.8-166)	4.6 (-6.8-18.8)	17.9 (13-24)	-21.5 (-31.5--12)	3.4 (2.4-4.6)	-16.8 (-26.7--5.9)	38.6 (29.3-50.6)	-28 (-35.4--19.4)
Suriname	168 (120-232)	5.9 (-7-21.1)	165 (118-228)	6.1 (-6.6-21.8)	123 (87.9-169)	5.7 (-6.2-21)	17.6 (12.8-23.3)	-19.5 (-29.4--9.7)	3.3 (2.4-4.6)	-21.8 (-31.1--11.9)	43.4 (32.9-57.4)	-15.6 (-24.3--5.9)
Trinidad and Tobago	162 (113-222)	5.8 (-11.8-20.9)	160 (112-220)	5.8 (-11.9-21)	122 (85.7-166)	6.6 (-9.6-21)	17 (12.4-22.3)	-25.2 (-35.1--16.3)	3.2 (2.2-4.3)	-30.2 (-39.1--20.4)	35 (26.5-45.8)	-23 (-32.9--14.5)
United States Virgin Islands	148 (102-206)	7.2 (-6-22.1)	146 (101-204)	7.2 (-6-22.2)	115 (80.1-160)	6.3 (-6.3-20.8)	15.4 (11.3-20.8)	-19 (-29.2--7.1)	2.7 (1.9-3.7)	-40.5 (-48.5--31.6)	30.8 (22.8-41.1)	-25.2 (-32.7--16.5)
Central Latin America	2.2 (1.6-3)	-40.2 (-46.4--32.7)	2.2 (1.6-3)	-39.4 (-45.7--31.8)	1.7 (1.2-2.3)	-43.8 (-49.9--36.9)	0.4 (0.3-0.5)	-63.1 (-68.2--57.6)	0.1 (0-0.1)	-69 (-75.9--63.2)	0.7 (0.5-0.9)	-59.6 (-64--54.7)
Colombia	0.6 (0.5-0.8)	0 (-16.6-20.4)	0.6 (0.5-0.8)	-0.1 (-16.5-20.2)	0.4 (0.3-0.5)	-1.8 (-17.5-17.2)	0.1 (0-0.1)	-4.3 (-19.4-14.1)	0 (0-0)	-7.9 (-23.6-13.5)	0.1 (0.1-0.2)	-27 (-37.6--13.7)
Costa Rica	0.1 (0-0.1)	0.2 (-18-0.1)	0.1 (0-0.1)	0.2 (-18.3-0.3)	0 (0-0.1)	0.5 (-18.7-2.8)	0 (0-0)	-4.9 (-22.6-3.9)	0 (0-0)	-5.3 (-27.5-9.9)	0 (0-0)	-20.5 (-35.9--16.6)
El Salvador	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.2-0.3)	0 (0-0.1)	-0.6 (-2.9-1.8)	0 (0-0)	-4.3 (-14.2-5.1)	0 (0-0)	-3.1 (-18.5-12)	0 (0-0)	-21.8 (-26.1--18.3)
Guatemala	0 (0-0.1)	-0.9 (0-0)	0 (0-0.1)	-1 (-0.6-0.3)	0 (0-0.1)	-2.1 (-4.5-1.4)	0 (0-0)	-8 (-17.2-3.1)	0 (0-0)	-5.2 (-23.4-10.9)	0 (0-0)	-25 (-28.6--20.7)
Honduras	0 (0-0)	0.8 (0-0)	0 (0-0)	0.8 (-0.3-0.8)	0 (0-0)	0.3 (-3.7-3.5)	0 (0-0)	-4.6 (-14.9-9.2)	0 (0-0)	-3.7 (-19.4-16.9)	0 (0-0)	-16.3 (-20.7--12.6)
Mexico	2.5 (1.7-3.6)	0 (-4.2-5.2)	2.4 (1.7-3.5)	-0.7 (-4.8-4.5)	1.9 (1.3-2.7)	-2.2 (-6.1-2.9)	0.6 (0.4-0.8)	-8.8 (-12.3--5.2)	0.1 (0-0.1)	-11 (-15--6.8)	0.8 (0.6-1.1)	-21.9 (-24.9--18.3)
Aguascalientes	0.2 (0-0.6)	12.2 (0-631)	0.2 (0-0.6)	12.1 (-0.4-632)	0.2 (0-0.5)	10.6 (-3.2-625)	0 (0-0.2)	4.7 (-13.4-578)	0 (0-0)	5 (-18.3-559)	0.1 (0-0.2)	-11.3 (-24.1-472)
Baja California	2.6 (1.4-4.4)	8 (-0.7-30.1)	2.5 (1.3-4.3)	8 (-0.7-30.1)	2 (1.1-3.4)	6.1 (-2.3-28.8)	0.5 (0.3-0.8)	-2.9 (-13.5-26.4)	0.1 (0-0.1)	0.5 (-14.3-24.5)	0.8 (0.4-1.3)	-17.9 (-24.5-2.7)
Baja California Sur	4.7 (2.6-7.4)	5.8 (-6.5-16.3)	4.6 (2.5-7.3)	5.7 (-6.6-16.2)	3.7 (2-5.8)	4.2 (-7.2-14.4)	1.1 (0.7-1.8)	-4.9 (-14.7-6.3)	0.2 (0.1-0.3)	-2.1 (-15.9-11.5)	1.6 (0.9-2.5)	-16.5 (-24.5--8.1)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Campeche	5.6 (3.5-8.4)	5.1 (-6.4-16.9)	5.5 (3.4-8.2)	5.1 (-6.4-16.9)	4.3 (2.7-6.3)	3.6 (-6.8-14.8)	1.1 (0.6-1.6)	-10.1 (-19.5-0.4)	0.2 (0.1-0.3)	-10.3 (-22.4-1.7)	1.8 (1.1-2.6)	-19.6 (-26.9--11.3)
Chiapas	3 (2-4.2)	-7.9 (-18.2-0.9)	2.9 (2-4.1)	-7.9 (-18.3-0.8)	2.2 (1.5-3.1)	-8.1 (-17.1-0.7)	0.7 (0.4-0.9)	-12.7 (-21.9--2.7)	0.1 (0-0.1)	-17 (-29.2--1.8)	1.1 (0.8-1.5)	-22.7 (-29.9--15.5)
Chihuahua	1.2 (0.5-2.4)	14.5 (0-75.8)	1.2 (0.5-2.4)	14.4 (0-75.6)	0.9 (0.4-1.8)	12.3 (-2.3-74.8)	0.3 (0.1-0.5)	2.9 (-12.6-60)	0 (0-0.1)	5.7 (-18.1-57.1)	0.4 (0.2-0.8)	-10.3 (-22.4-39.8)
Coahuila	1.4 (0.8-2.1)	7.3 (-4.7-23.8)	1.3 (0.8-2.1)	7.1 (-4.8-23.5)	1.1 (0.6-1.7)	6.2 (-5.4-22.5)	0.4 (0.2-0.7)	0.5 (-12.1-15.2)	0.1 (0-0.1)	-0.3 (-16.7-20.3)	0.5 (0.3-0.8)	-10.7 (-20.5-2.5)
Colima	1.8 (0.6-4.1)	0.4 (-33.4-17)	1.8 (0.6-4)	0.4 (-33.3-17)	1.4 (0.4-3.2)	-0.6 (-33.5-16.3)	0.4 (0.1-0.8)	-9.8 (-34-6.8)	0.1 (0-0.1)	-13.7 (-36.9-5.7)	0.6 (0.2-1.3)	-22.7 (-45.4--10.1)
Durango	1.6 (0.6-3.3)	16.7 (0.4-48)	1.6 (0.6-3.2)	16.5 (0.3-47.6)	1.2 (0.5-2.5)	15.9 (-0.2-46)	0.5 (0.2-0.9)	8.9 (-6.6-37.7)	0.1 (0-0.1)	6.3 (-14.4-33.3)	0.6 (0.2-1.2)	-5.9 (-19.2-16.9)
Guanajuato	1 (0.5-1.8)	-1.1 (-34.5-48.9)	1 (0.5-1.7)	-1.2 (-34.5-48.7)	0.8 (0.4-1.3)	-2.7 (-35.3-45.9)	0.2 (0.1-0.4)	-13.4 (-42.2-14.7)	0 (0-0.1)	-10 (-39-27.8)	0.3 (0.2-0.6)	-25.7 (-50.1-7.4)
Guerrero	6.3 (4.8-8.1)	-5.9 (-14.8-3)	6.1 (4.6-7.9)	-5.9 (-14.8-3)	4.7 (3.6-6.1)	-6.4 (-15-2.5)	1.4 (1.1-1.9)	-10.4 (-18.7--1.2)	0.2 (0.1-0.2)	-16.4 (-27.6--3.1)	2.2 (1.8-2.8)	-25.4 (-31.7--18.5)
Hidalgo	1.1 (0.5-2.2)	10 (-5.3-43.5)	1.1 (0.5-2.2)	9.9 (-5.2-43.3)	0.9 (0.4-1.7)	9.2 (-5.6-41.2)	0.3 (0.1-0.6)	-0.1 (-14.1-21.9)	0 (0-0.1)	-4.4 (-21.1-25.4)	0.4 (0.2-0.8)	-15.2 (-26.8-6.6)
Jalisco	1.5 (0.7-2.6)	-16.2 (-43.3--2.8)	1.5 (0.7-2.5)	-16.3 (-43.4--3)	1.2 (0.6-2)	-18 (-44.7--4.3)	0.3 (0.2-0.5)	-32.8 (-55.6--19.1)	0 (0-0.1)	-32.5 (-52.6--15.7)	0.5 (0.2-0.8)	-36.8 (-57.4--26.6)
México	0.5 (0.2-1.2)	15.9 (0-221)	0.5 (0.2-1.2)	15.8 (-0.3-221)	0.4 (0.1-0.9)	14.8 (-2.9-217)	0.1 (0-0.2)	2.9 (-16.8-194)	0 (0-0)	-0.1 (-25.4-161)	0.2 (0.1-0.4)	-7.9 (-23.2-144)
Mexico City	1.2 (0.8-1.8)	5.4 (-2.1-23.5)	1.2 (0.8-1.8)	5.3 (-2.3-23.4)	1 (0.7-1.5)	4.6 (-3.2-21.4)	0.3 (0.2-0.5)	-3.4 (-13.7-8.9)	0 (0-0.1)	-8 (-21.2-7.2)	0.4 (0.3-0.6)	-18.8 (-26.2--6.8)
Michoacán de Ocampo	1.7 (0.8-3.1)	5.7 (-16-26.5)	1.6 (0.8-3)	5.7 (-16.1-26.5)	1.3 (0.7-2.3)	5.2 (-16.6-24.9)	0.4 (0.2-0.6)	-2.1 (-19.9-15.7)	0 (0-0.1)	-5.4 (-25.8-17)	0.6 (0.3-1)	-17.9 (-33.8--4.1)
Morelos	1.6 (0.6-3.6)	-12.4 (-46.4-0)	1.6 (0.5-3.5)	-12.4 (-46.4-0)	1.2 (0.4-2.7)	-14 (-47.4--0.5)	0.3 (0.1-0.7)	-26 (-56.7--7)	0 (0-0.1)	-22.8 (-50--5)	0.5 (0.2-1.1)	-33.3 (-59.2--20.1)
Nayarit	2.4 (1.1-4.3)	11 (-1.2-30.6)	2.3 (1-4.2)	10.9 (-1.4-30.5)	1.9 (0.8-3.3)	10.3 (-2.5-28.9)	0.7 (0.3-1.1)	2 (-12.1-18.9)	0.1 (0-0.2)	-1.4 (-18.9-17.6)	0.9 (0.4-1.5)	-9.8 (-21.7-4.3)
Nuevo León	2.6 (1.8-3.8)	-18.2 (-28.7--9.6)	2.6 (1.7-3.7)	-18.3 (-28.7--9.7)	2.1 (1.4-3)	-19.1 (-29.2--10.4)	0.8 (0.5-1.1)	-23.1 (-32.4--13.6)	0.1 (0.1-0.2)	-20.7 (-32--8)	1 (0.6-1.4)	-32.6 (-40.3--25.1)
Oaxaca	5.9 (4.4-7.7)	1.8 (-5.2-9.7)	5.7 (4.3-7.5)	1.7 (-5.3-9.6)	4.4 (3.3-5.7)	0.6 (-6.6-8.2)	1.1 (0.8-1.5)	-9.3 (-17.7--0.5)	0.1 (0.1-0.2)	-13.6 (-25.1-0.3)	1.9 (1.4-2.4)	-22.9 (-28--17.2)
Puebla	1 (0.4-1.9)	13.7 (-4.1-103)	0.9 (0.4-1.9)	13.6 (-4.1-103)	0.7 (0.3-1.4)	11.9 (-6.2-95.1)	0.2 (0.1-0.3)	-1.4 (-21.7-64.9)	0 (0-0)	0.5 (-23.3-65.9)	0.3 (0.1-0.6)	-12.9 (-27.7-47.7)
Querétaro	0.2 (0-0.6)	11.4 (0-629)	0.2 (0-0.6)	11.4 (-0.3-628)	0.2 (0-0.5)	10.3 (-2.9-613)	0 (0-0.1)	-0.6 (-18.1-550)	0 (0-0)	2.2 (-18.8-560)	0.1 (0-0.2)	-15.1 (-27.2-444)
Quintana Roo	4.5 (2.6-7.3)	-6.8 (-15.3-2)	4.4 (2.6-7.2)	-6.8 (-15.3-2)	3.5 (2-5.5)	-8.1 (-16.4-0.4)	1 (0.6-1.4)	-20.2 (-29.3--9)	0.2 (0.1-0.3)	-17.7 (-29--4.1)	1.5 (0.9-2.3)	-28.4 (-35--20)
San Luis Potosí	1.8 (0.8-3.6)	8.4 (-11-41.3)	1.8 (0.8-3.5)	8.4 (-11-41)	1.4 (0.6-2.8)	6.9 (-11.6-40.4)	0.4 (0.2-0.7)	-1.5 (-23.2-32.5)	0.1 (0-0.1)	-2.9 (-23.7-30.9)	0.6 (0.3-1.1)	-17.5 (-32.6-9)
Sinaloa	3.1 (2-4.6)	6.9 (-4.7-20.3)	3 (1.9-4.4)	6.7 (-4.6-20)	2.4 (1.5-3.4)	5.6 (-5.1-18.8)	0.7 (0.4-1.1)	-3.3 (-15.6-10)	0.1 (0-0.2)	-8.6 (-23.6-8.5)	1 (0.6-1.5)	-19.2 (-27.7--9.6)
Sonora	1.8 (1-3.1)	-17.9 (-40--2.6)	1.8 (0.9-3)	-18 (-40.1--2.6)	1.4 (0.7-2.3)	-18.9 (-39.6--4.5)	0.4 (0.2-0.6)	-21.3 (-33.8--9.2)	0.1 (0-0.1)	-23.4 (-38.3--10.2)	0.6 (0.3-0.9)	-35.3 (-49--24.4)
Tabasco	13 (10.5-15.7)	4.5 (-5.3-16.1)	12.7 (10.2-15.4)	4.5 (-5.4-15.9)	9.8 (8-11.9)	3.4 (-5.9-13.6)	2.5 (2-3.1)	-10 (-18.8--0.8)	0.4 (0.2-0.5)	-9.1 (-19.5-2.2)	4.2 (3.5-5)	-20.5 (-26.6--13.6)
Tamaulipas	6.5 (4.9-8.6)	3.8 (-6.2-13.3)	6.4 (4.8-8.4)	3.7 (-6.3-13)	5 (3.8-6.5)	2.2 (-7.2-11.3)	1.6 (1.2-2.1)	-5.2 (-14.1-4.8)	0.2 (0.1-0.3)	-3.1 (-14.5-10.5)	2.2 (1.7-2.8)	-18.1 (-25.3--10.7)
Tlaxcala	1 (0.4-2)	7.2 (-8.4-44.5)	1 (0.4-2)	7.2 (-8.4-44.5)	0.8 (0.3-1.5)	6.2 (-9.1-44)	0.3 (0.1-0.6)	-3.8 (-19.7-26.6)	0 (0-0.1)	-0.7 (-22.6-34.6)	0.4 (0.2-0.7)	-14.7 (-28.1-13.2)
Veracruz de Ignacio de la Llave	4.8 (3.6-6.3)	7.4 (-2.8-17.9)	4.7 (3.5-6.2)	7.4 (-2.7-17.8)	3.6 (2.7-4.8)	6.5 (-2.9-16.5)	1.1 (0.8-1.4)	-0.9 (-10-9.5)	0.1 (0.1-0.2)	-7.2 (-19.2-8)	1.5 (1.2-2)	-18.7 (-25.5--11)
Yucatán	5.3 (3.4-7.9)	4.2 (-7.6-14.8)	5.2 (3.4-7.8)	4.2 (-7.6-14.8)	4 (2.6-5.9)	2.5 (-8.2-12.4)	1.1 (0.7-1.6)	-9 (-19-1)	0.2 (0.1-0.3)	-10.1 (-21.1-3.3)	1.6 (1.1-2.4)	-20.6 (-28--13.2)
Zacatecas	0.2 (0-0.7)	13.9 (0-411)	0.2 (0-0.7)	13.8 (-0.3-412)	0.2 (0-0.5)	12.9 (-3.2-423)	0 (0-0.2)	1.8 (-18.4-349)	0 (0-0)	6.6 (-18.8-347)	0.1 (0-0.2)	-10.6 (-24.9-309)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Nicaragua	0 (0-0)	10.9 (0-1560)	0 (0-0)	10.9 (-0.4-1560)	0 (0-0)	10.5 (-3.4-1510)	0 (0-0)	2.1 (-17.1-1130)	0 (0-0)	8.8 (-15.8-1470)	0 (0-0)	-9.2 (-22.4-1130)
Panama	0 (0-0)	-3.3 (0-0)	0 (0-0)	-3.3 (-0.6-0.3)	0 (0-0)	-3 (-3.5-2.1)	0 (0-0)	-5 (-16.9-6)	0 (0-0)	-7.5 (-23.1-6.8)	0 (0-0)	-13.6 (-16.2--7.9)
Venezuela (Bolivarian Republic of)	9.1 (6.8-11.9)	-59 (-64.8--51.5)	8.8 (6.6-11.6)	-59 (-64.8--51.5)	6.1 (4.6-8.1)	-64.1 (-69--57.6)	1 (0.7-1.3)	-84.6 (-87.7--81.3)	0.1 (0.1-0.2)	-88.7 (-91.5--86)	2.2 (1.7-2.9)	-77.2 (-80.2--73.4)
Tropical Latin America	21.7 (17.7-26.1)	25.8 (17.9-33.2)	21.5 (17.5-25.8)	25.3 (17.6-32.6)	15.8 (13.2-19)	28.1 (21.3-35.3)	4.8 (4-5.9)	11.1 (4.9-17.6)	1 (0.7-1.3)	3.6 (-3.2-9.1)	6.6 (5.6-7.7)	-0.7 (-5.6-4.3)
Brazil	21.6 (17.6-25.9)	27 (18.8-35.3)	21.3 (17.5-25.6)	26.7 (18.5-35.1)	15.7 (13.2-18.9)	29.6 (22.5-37.4)	4.8 (3.9-5.8)	11.5 (5.1-17.9)	1 (0.7-1.2)	3.9 (-3.4-9.6)	6.5 (5.6-7.5)	0 (-5.2-5)
Acre	21.9 (16.7-28.4)	32.1 (18.8-46.8)	21.4 (16.3-27.8)	32.4 (19.1-47.1)	13.3 (10.4-17)	29.5 (18.5-43)	3 (2.2-4)	13 (1.3-27.1)	0.6 (0.4-0.9)	10.8 (-2.6-25.7)	6.2 (5-7.6)	3 (-5.5-13.5)
Alagoas	4.8 (3.7-6.2)	-13.1 (-24.7-0.1)	4.7 (3.6-6)	-12.8 (-24.4-0.5)	3.4 (2.6-4.3)	-11.8 (-23.3-1)	1.1 (0.8-1.5)	-23.4 (-33.8--12.3)	0.2 (0.1-0.3)	-23.2 (-35.9--10.2)	1.7 (1.3-2.1)	-28.4 (-37.6--17.7)
Amapá	8.9 (5.8-13.4)	11 (-4.1-28.7)	8.7 (5.7-13.1)	11.2 (-3.9-28.9)	6 (4-8.6)	14.3 (0-29.4)	1.4 (0.9-2.1)	16.1 (1.6-34.6)	0.3 (0.2-0.5)	15.3 (0.4-34.5)	2.7 (1.8-3.7)	-8.1 (-18-2.5)
Amazonas	5.8 (4.4-7.6)	40.7 (26.8-55.9)	5.7 (4.3-7.5)	40.9 (27.2-55.9)	4.2 (3.2-5.5)	40.2 (26.5-55.4)	1.5 (1.1-2)	26.2 (12.5-39.9)	0.3 (0.2-0.5)	22.5 (8-40.1)	2.2 (1.7-2.9)	15.6 (4.9-27.5)
Bahia	30.8 (24.7-37.3)	97.6 (75.2-121)	30.1 (24.3-36.8)	98 (75.8-122)	22 (18.1-26.8)	96.8 (77.9-120)	7.1 (5.8-8.8)	57.8 (43.4-72.7)	1.5 (1-2)	43.5 (26.8-58.3)	10.1 (8.5-11.9)	52.8 (39.1-67.9)
Ceará	5.5 (4.3-7)	34.7 (22.5-45.5)	5.4 (4.2-6.9)	34.9 (22.7-45.9)	3.8 (3-4.8)	38.6 (26.9-50.1)	1.1 (0.8-1.4)	19.9 (8.1-31.9)	0.2 (0.2-0.4)	21.8 (8.3-36.7)	1.7 (1.4-2.1)	10.2 (1-19.2)
Distrito Federal	61.2 (50.9-73.3)	-8.6 (-18.1-1.8)	60.3 (50.3-72.3)	-8.5 (-18-1.9)	45.6 (38.6-54.1)	-6.7 (-15.3-3)	15.4 (12.8-18.3)	-10.7 (-18.3--2.2)	4 (3-5)	-18.2 (-25.7--9.6)	19.6 (16.9-22.7)	-25.9 (-31.9--19.6)
Espírito Santo	44.6 (36.3-54.2)	31.1 (15.2-48.5)	43.8 (35.6-53.2)	31.2 (15.2-48.6)	30.5 (25.1-36.6)	36.8 (21.3-52.2)	6.8 (5.5-8.2)	20.3 (9.8-31.5)	1.4 (1-1.8)	8.8 (-2-20.2)	11.1 (9.5-12.8)	2.3 (-6.2-10.9)
Goiás	29 (23.6-35)	34.2 (19.2-50.1)	28.5 (23.2-34.3)	34.4 (19.6-50.2)	20 (16.8-23.9)	33.5 (19.7-46.8)	5.7 (4.6-6.9)	13.9 (3.3-25)	1.2 (0.9-1.5)	0.8 (-9.7-11.4)	7.9 (6.7-9.2)	-0.8 (-9.5-8.3)
Maranhão	14.2 (11-18.3)	18.1 (4.9-35.6)	13.8 (10.7-17.9)	18.2 (4.9-35.6)	9.4 (7.5-11.9)	25.7 (13.1-40.8)	2.6 (2-3.4)	20.5 (7.6-34.3)	0.5 (0.3-0.7)	22.3 (7-40.1)	4.9 (4-6)	8.7 (-1.8-20.4)
Mato Grosso	13.5 (10.6-16.9)	34.6 (22.7-47.3)	13.2 (10.4-16.5)	34.8 (23-47.6)	9.3 (7.5-11.6)	33.1 (22.2-45)	2.7 (2.1-3.5)	6.9 (-4-17.3)	0.6 (0.4-0.8)	-2.9 (-14.9-8.3)	3.9 (3.2-4.8)	-2 (-10.2-6.5)
Mato Grosso do Sul	13.9 (10.7-17.9)	36.8 (21.9-52.8)	13.7 (10.5-17.6)	37 (22.1-52.9)	10 (7.9-12.7)	35.4 (22.4-49)	3.2 (2.5-4)	14 (2.8-25.3)	0.7 (0.4-0.9)	4.1 (-7.2-16.5)	4.2 (3.4-5.2)	2.5 (-6.8-11.6)
Minas Gerais	32.2 (26.4-39)	27.2 (13.9-43.6)	31.5 (25.7-38)	27.5 (14.1-43.9)	21.4 (17.6-25.5)	29 (16.7-43.4)	5.3 (4.2-6.4)	14.7 (4.1-27.1)	0.8 (0.6-1.1)	-1.8 (-13.2-9.6)	7.7 (6.5-8.9)	-5.2 (-13-3.7)
Pará	9 (7-11.3)	5.7 (-7-19.8)	8.8 (6.9-11)	5.9 (-6.8-20)	6.3 (5-7.8)	11 (-1.4-24)	2.1 (1.6-2.6)	11.6 (-1.6-25.4)	0.5 (0.3-0.6)	9.1 (-5.8-23.2)	3.1 (2.5-3.8)	-6.8 (-17-2.9)
Paraíba	7 (5.2-9.2)	45.4 (28.8-60.7)	6.8 (5.1-9)	45.8 (29.3-61.5)	4.8 (3.7-6.3)	49 (32.9-64.4)	1.4 (1-1.9)	26.1 (12.2-39.9)	0.3 (0.2-0.4)	30.4 (13.6-47)	2.2 (1.7-2.8)	20.7 (8.1-32.1)
Paraná	8 (6.3-10)	62.9 (46.5-82)	7.9 (6.2-9.8)	63.2 (46.7-82.2)	5.8 (4.7-7.2)	59.7 (44.8-76.7)	1.8 (1.4-2.3)	29.2 (17.1-42.1)	0.4 (0.2-0.5)	14.9 (0.8-28.6)	2.3 (1.9-2.7)	15.5 (5.4-26.7)
Pernambuco	5.3 (4.1-6.8)	47 (31.5-65.7)	5.2 (4-6.6)	47.2 (31.7-66.2)	3.7 (3-4.7)	44.5 (32-59.9)	1.2 (0.9-1.6)	19 (8.1-30.3)	0.2 (0.1-0.3)	17.1 (3.3-31)	1.7 (1.4-2.1)	15.1 (6-25.7)
Piauí	29.6 (24.4-36.1)	13.8 (1-27.6)	29 (23.9-35.4)	14 (1.2-27.8)	21.2 (17.7-25.4)	17 (5.6-28.5)	7.1 (5.8-8.5)	-0.7 (-8.7-8.5)	1.5 (1.1-2)	-5.1 (-13.7-4.4)	10.2 (8.6-11.9)	-6.2 (-14.5-2)
Rio de Janeiro	39.8 (33.3-47.2)	6.6 (-5.4-19.4)	38.7 (32.3-46)	6.7 (-5.2-19.3)	27.6 (23.2-32.8)	6.9 (-3.3-17.6)	7.4 (6.1-8.9)	-5 (-13.4-3.3)	0.9 (0.6-1.3)	-19.3 (-28.9--10.2)	9.7 (8.4-11.2)	-17.7 (-24.8--10.9)
Rio Grande do Norte	7.7 (5.6-10.5)	35 (19.7-54.2)	7.6 (5.5-10.3)	35.3 (19.8-54.5)	5.2 (3.8-7)	34.9 (20-52.1)	1.3 (0.9-1.9)	3.6 (-11.9-18.9)	0.3 (0.2-0.5)	6.1 (-11.8-23.7)	2.2 (1.7-2.8)	1.8 (-9.1-14.6)
Rio Grande do Sul	9.1 (7.2-11.4)	56 (40.2-74.9)	9 (7.1-11.2)	56.3 (40.7-75.1)	6.6 (5.4-8.2)	54.7 (40.8-70.8)	2.1 (1.6-2.7)	36.4 (23.8-50)	0.4 (0.3-0.6)	15.2 (1.4-29.2)	2.5 (2-3)	14.7 (5-26.2)
Rondônia	24 (18.4-30.5)	30 (14.8-46.8)	23.5 (18.1-29.9)	30.3 (15.1-46.7)	15.2 (12-19.3)	32.6 (18.9-47.2)	3.2 (2.4-4.1)	11.5 (0.1-24.4)	0.7 (0.4-0.9)	2.4 (-9.3-15.4)	5.8 (4.7-7)	-6.2 (-14.4-3)
Roraima	28.1 (21.5-35.8)	-6 (-17.3-6)	27.6 (21-35.1)	-5.7 (-17.1-6.3)	19.5 (15.5-24.6)	-0.4 (-10.2-10.7)	5.4 (4.3-6.9)	-3.3 (-13.1-6.8)	1.1 (0.8-1.5)	-12.5 (-22.1--2.4)	9.6 (7.7-11.7)	-20.1 (-27.5--12.7)
Santa Catarina	3.8 (2.9-5)	27.7 (15.2-41.8)	3.8 (2.8-4.9)	27.8 (15.3-42.1)	2.8 (2.1-3.6)	26 (15-39.1)	0.9 (0.7-1.2)	7 (-4.9-18.2)	0.2 (0.1-0.3)	-5.4 (-17.2-7.1)	1.1 (0.9-1.4)	-6.8 (-15.6-2.6)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
São Paulo	33.7 (27.8-40.8)	36 (22.4-51.3)	33.2 (27.3-40.1)	36.1 (22.6-51.3)	25.3 (21-30)	34.6 (22.2-48.6)	7.6 (6.2-9.2)	14.5 (4.9-23.9)	1.6 (1.2-2.1)	1.6 (-8.6-10.7)	9.6 (8.2-11)	1.5 (-6.5-9.4)
Sergipe	17.7 (13.5-22.7)	18.6 (3.4-33.4)	17.3 (13.3-22.2)	18.8 (3.5-33.8)	12.2 (9.6-15.7)	20.3 (6.9-34.9)	3.6 (2.7-4.6)	0.4 (-11.1-11.2)	0.8 (0.5-1.1)	-2.8 (-14.8-9.3)	5.3 (4.3-6.6)	-8.5 (-18.2-1.1)
Tocantins	44.6 (36-54.1)	40.4 (26.9-56.3)	43.7 (35.1-52.9)	40.6 (27.1-56.5)	30.7 (25.5-36.8)	44.4 (32.2-58.6)	8.8 (7.2-10.7)	24.5 (14.7-36.1)	1.8 (1.4-2.4)	13.8 (3.9-25.4)	13.9 (11.8-16.2)	10.6 (2.7-20.3)
Paraguay	25.9 (18.7-35.7)	0.2 (-9-9.5)	25.4 (18.3-34.9)	0.2 (-9-9.3)	18.1 (13.4-24.1)	-0.2 (-8.4-7.8)	6.2 (4.6-8.2)	-3.3 (-11.5-5.2)	1.4 (1-1.9)	-2.2 (-10.6-6.8)	9.2 (7-12)	-16.7 (-23.6--9.8)
North Africa and Middle East	131 (107-157)	-36.9 (-41.7--32.4)	128 (105-153)	-36.9 (-41.9--32.4)	121 (99.4-145)	-36.9 (-41.7--32.6)	92.9 (76.6-111)	-39.8 (-44.7--35.2)	15.6 (11.6-20.3)	-32.9 (-38.3--27.1)	88.3 (72.6-105)	-42.7 (-47.2--38.5)
North Africa and Middle East	131 (107-157)	-36.9 (-41.7--32.4)	128 (105-153)	-36.9 (-41.9--32.4)	121 (99.4-145)	-36.9 (-41.7--32.6)	92.9 (76.6-111)	-39.8 (-44.7--35.2)	15.6 (11.6-20.3)	-32.9 (-38.3--27.1)	88.3 (72.6-105)	-42.7 (-47.2--38.5)
Afghanistan	102 (77.3-131)	0 (-7.6-7.6)	100 (75.7-129)	0 (-7.7-7.6)	93.7 (70.7-121)	-0.4 (-8-7.2)	66.9 (50.4-87.4)	-1.2 (-8.3-6.9)	10.1 (6.9-14)	45.7 (31.6-61.3)	75.3 (56.8-97.4)	-1.6 (-8.7-5.8)
Algeria	12 (9.5-14.7)	-0.1 (-6.5-8.1)	11.9 (9.4-14.4)	-0.2 (-6.6-8.1)	11.3 (9-13.8)	0 (-6.5-7.8)	8.4 (6.7-10.2)	-6.3 (-12.3-0.8)	1.4 (1-1.9)	4.3 (-4.7-13.8)	7.9 (6.4-9.6)	-11.4 (-17.1--4.9)
Bahrain	950 (743-1,200)	-18.9 (-31.4--9.3)	939 (733-1,190)	-18.9 (-31.4--9.3)	908 (711-1,150)	-18.9 (-31.1--9.3)	632 (496-794)	-25.4 (-36.3--16.7)	156 (112-210)	-11.4 (-21.4--0.5)	570 (450-716)	-34.6 (-44--27)
Egypt	135 (114-154)	-0.1 (-7.3-7.7)	133 (112-152)	-0.2 (-7.5-7.6)	126 (107-145)	-0.1 (-7.4-7.6)	95.4 (80.1-110)	-2.3 (-9.6-5.2)	14.8 (10.9-19.5)	-2.4 (-11-6.8)	93.6 (79.5-108)	-4.6 (-11.4-2.6)
Iran (Islamic Republic of)	141 (108-181)	-34.2 (-35.6--32.7)	139 (106-178)	-34.3 (-35.7--32.7)	133 (101-169)	-34.3 (-35.6--32.7)	95.3 (73.5-120)	-40.1 (-41.9--38.3)	20 (14.5-26.8)	-34.7 (-36.3--32.7)	89.2 (69.1-112)	-44.1 (-45.5--42.4)
Alborz	135 (103-177)	-34.2 (-39.2--27.8)	133 (101-174)	-34.2 (-39.2--27.9)	128 (96.9-167)	-34.2 (-39.3--27.9)	92.9 (70.6-120)	-40.3 (-45.4--34.8)	20.9 (15.1-28.4)	-38 (-43--32.6)	86 (65.8-111)	-45.3 (-49.9--40.4)
Ardebil	139 (104-180)	-33.9 (-39--28)	137 (102-177)	-33.9 (-38.9--28.1)	130 (97-168)	-33.8 (-38.8--27.9)	94.4 (71.6-120)	-40.7 (-45.1--35.3)	19.9 (14.1-26.8)	-31.1 (-37.3--24.7)	87.3 (65.9-111)	-45 (-49.2--40)
Bushehr	148 (112-190)	-34.2 (-39.3--28.6)	146 (111-187)	-34.2 (-39.3--28.6)	139 (105-180)	-34.2 (-39.3--28.6)	104 (79.3-133)	-39.1 (-43.7--33.8)	22.6 (16.2-30.2)	-35.8 (-41.5--30.3)	101 (77.1-129)	-41.5 (-45.9--36.5)
Chahar Mahaal and Bakhtiari	145 (110-186)	-34.2 (-39.1--28.4)	143 (108-183)	-34.2 (-39.1--28.6)	136 (103-175)	-34.2 (-39.1--28.5)	102 (77.3-129)	-40.2 (-44.7--35.2)	21.7 (15.6-28.8)	-33.6 (-39--28.1)	96 (73-122)	-43.9 (-48.2--39.3)
East Azarbaijean	141 (106-180)	-34.4 (-39.5--28.1)	139 (104-177)	-34.5 (-39.6--28.2)	131 (98.9-168)	-34.3 (-39.5--28)	92 (71.1-116)	-41.5 (-45.9--36.1)	19.3 (13.9-26.1)	-33.9 (-39.2--28.1)	85.4 (65.8-108)	-44.6 (-48.7--39.3)
Fars	150 (113-194)	-34.7 (-40.6--29.2)	148 (111-191)	-34.7 (-40.5--29.2)	141 (106-182)	-34.6 (-40--29)	97.7 (73.3-126)	-41.6 (-46.7--36.5)	19.4 (13.9-25.9)	-35.7 (-41.2--29.6)	91.4 (69.5-117)	-46.1 (-50.7--41.4)
Gilan	137 (103-178)	-34.3 (-39.2--28.9)	136 (102-175)	-34.3 (-39.3--28.9)	130 (98.1-169)	-34.3 (-39.2--28.7)	93.6 (70.8-121)	-40.1 (-44.8--35.1)	19.7 (14.2-26.3)	-33.1 (-38.3--27.1)	79 (60.1-102)	-47.4 (-51.4--43.3)
Golestan	147 (112-189)	-33.8 (-39.4--27.9)	145 (110-185)	-33.9 (-39.4--28)	138 (105-177)	-33.8 (-39.2--28)	97.4 (74.3-123)	-40.5 (-45.2--35)	19.3 (13.8-26.2)	-32.4 (-38.2--25.2)	94.6 (72.2-120)	-43.3 (-48.1--38.3)
Hamadan	144 (109-184)	-33.9 (-39.6--28.5)	142 (107-181)	-33.9 (-39.6--28.5)	135 (102-172)	-33.8 (-39.5--28.4)	93.6 (71.6-120)	-40.9 (-45.8--36.2)	18.3 (13.1-24.6)	-36 (-41.7--30.9)	85.5 (65.4-110)	-46 (-50.3--41.8)
Hormozgan	144 (110-184)	-34 (-39.3--28.1)	142 (108-181)	-34.1 (-39.4--28.1)	135 (102-172)	-34 (-39.3--27.9)	98.1 (74.7-124)	-39.4 (-44.5--33.9)	19.3 (13.6-26)	-28.9 (-35--22.6)	98.4 (75.3-124)	-41.3 (-46.1--35.9)
Ilam	143 (109-184)	-34.3 (-39.7--28.4)	141 (107-181)	-34.3 (-39.8--28.4)	135 (102-172)	-34.3 (-39.6--28.1)	96.2 (73.1-123)	-41 (-45.8--35.1)	19.9 (14.3-26.8)	-34.8 (-39.8--28.8)	90.8 (69-116)	-45.5 (-49.9--40.2)
Isfahan	140 (106-178)	-34.2 (-39.1--28.8)	138 (104-175)	-34.3 (-39.1--28.9)	132 (99-168)	-34.3 (-39.2--28.9)	95.7 (72.6-122)	-40.2 (-44.9--35)	21.3 (15.3-28.4)	-34.7 (-39.7--29)	86.2 (65.1-109)	-45.1 (-49.4--40.3)
Kerman	144 (108-185)	-34.4 (-39.9--29.6)	142 (107-182)	-34.4 (-39.9--29.6)	135 (102-173)	-34.3 (-39.8--29.5)	96 (73.9-121)	-40.7 (-45.6--35.8)	18.8 (13.5-25.2)	-33.4 (-39.6--27.8)	94 (72.2-119)	-43 (-47.8--38.6)
Kermanshah	149 (112-192)	-34.1 (-38.7--29)	146 (110-189)	-34.1 (-38.7--29.1)	139 (105-180)	-34 (-38.5--29)	96.1 (73.4-123)	-41 (-45.7--36.1)	18.4 (12.9-24.8)	-35.8 (-41.2--29.9)	88.4 (67.9-114)	-46.6 (-50.7--42.3)
Khorasan-e-Razavi	144 (109-185)	-34.4 (-39.1--28.1)	142 (107-181)	-34.4 (-39.2--28.2)	134 (101-171)	-34.4 (-39--28.2)	94.9 (72.8-120)	-40.8 (-45.3--35.6)	19.1 (13.9-25.8)	-32.1 (-37.9--25)	92.2 (71.4-116)	-43.2 (-47.3--38.1)
Khuzestan	153 (115-197)	-34.3 (-39.8--28.5)	150 (113-194)	-34.4 (-39.8--28.5)	143 (109-185)	-34.2 (-39.6--28.5)	103 (78.7-132)	-40.3 (-45.3--35.2)	20.6 (14.8-27.7)	-36.6 (-41.9--30.7)	101 (77.4-129)	-43.3 (-48.1--38.6)
Kohgiluyeh and Boyer-Ahmad	153 (116-199)	-34 (-39.4--27)	151 (114-196)	-34.1 (-39.5--27.1)	143 (108-185)	-34 (-39.4--27.2)	101 (77.1-129)	-40.4 (-45.1--34.2)	22.1 (16-29.5)	-31.3 (-36.9--25.1)	101 (77-129)	-43.1 (-47.6--37.3)
Kurdistan	142 (107-181)	-34.1 (-39.1--28.6)	139 (105-178)	-34.1 (-39.1--28.7)	132 (99.2-169)	-34 (-39--28.7)	94.5 (72.1-120)	-40.6 (-45--35.9)	19 (13.5-25.5)	-36.5 (-41.5--31.3)	88.7 (67.6-112)	-44.8 (-48.8--40.4)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Lorestan	144 (110-185)	-34.3 (-38.6--29.4)	141 (108-182)	-34.4 (-38.6--29.5)	135 (103-174)	-34.3 (-38.6--29.3)	98.2 (75.8-125)	-40.9 (-45.3--36.2)	19.7 (14-26.7)	-34.4 (-39.5--28.8)	92 (71.7-117)	-45.3 (-49.2--41.1)
Markazi	141 (107-180)	-34.1 (-39.3--27.9)	139 (105-178)	-34.2 (-39.4--28)	133 (101-169)	-34.1 (-39.3--28)	93.8 (71.6-119)	-41 (-45.4--35.8)	18.7 (13.4-25.4)	-32.1 (-38.3--26.1)	84.5 (64.5-107)	-45.7 (-49.9--40.9)
Mazandaran	135 (102-172)	-34.1 (-39.3--29.4)	133 (101-169)	-34.1 (-39.3--29.4)	128 (96.4-163)	-34 (-39.2--29.3)	92.1 (70.3-116)	-40 (-45--35.9)	20.1 (14.4-26.7)	-36 (-40.9--31.2)	80.9 (61.7-102)	-46.4 (-50.8--42.7)
North Khorasan	146 (111-188)	-33.8 (-39.2--27.9)	143 (108-185)	-33.9 (-39.3--28)	135 (102-176)	-33.9 (-39.1--28.1)	96.2 (72.4-123)	-39.2 (-43.9--34)	18.8 (13.6-25.2)	-34.6 (-40.4--28.9)	92.3 (69.8-118)	-43.1 (-47.6--38)
Qazvin	139 (105-177)	-34.3 (-39.1--28.8)	137 (104-174)	-34.3 (-39.2--28.8)	130 (98.7-167)	-34.2 (-39--28.6)	94.5 (72-120)	-40.9 (-45.9--35.7)	20.3 (14.3-27.6)	-31.2 (-36.9--24.6)	87.8 (67-111)	-44.8 (-49.3--40.1)
Qom	137 (103-174)	-34.1 (-40.3--28.6)	135 (102-171)	-34.2 (-40.3--28.7)	129 (97.3-164)	-34 (-39.9--28.8)	95.8 (73.7-121)	-39.4 (-44.4--34.8)	20.9 (15.4-27.7)	-33.2 (-38.4--26.9)	91.2 (69.9-115)	-42.5 (-47.4--38.1)
Semnan	137 (105-176)	-33.8 (-40.4--27.7)	135 (103-174)	-33.9 (-40.4--27.7)	129 (98.7-167)	-33.8 (-39.8--27.4)	96.7 (74-125)	-38.4 (-44.4--32.5)	19.5 (13.9-26.2)	-32.6 (-39--25.8)	87.9 (67.5-113)	-42.2 (-47.5--36.6)
Sistan and Baluchistan	150 (114-196)	-34 (-39.1--27.7)	148 (111-192)	-34 (-39.2--27.8)	139 (105-181)	-34.1 (-39.2--27.9)	101 (76.6-130)	-38.8 (-43.7--33.1)	18.7 (13.5-25.2)	-32.9 (-39--26.3)	109 (82.4-141)	-38.5 (-43.2--32.7)
South Khorasan	135 (103-173)	-34.3 (-40.9--28.1)	133 (102-170)	-34.3 (-40.9--28.1)	126 (96.2-161)	-34.2 (-40.7--28.1)	93.8 (72.2-121)	-39.6 (-45.1--34.1)	19.3 (14-25.5)	-29.7 (-35.8--22.5)	89.7 (69.2-114)	-41.3 (-46.8--36)
Tehran	126 (95.4-161)	-34.2 (-39.9--28.8)	125 (94.1-159)	-34.3 (-39.9--28.9)	120 (91.1-154)	-34.1 (-39.7--28.7)	90.9 (70.3-116)	-38.8 (-43.9--33.6)	21 (15.3-28.1)	-38.6 (-43.2--32.8)	80.7 (62.1-102)	-43.9 (-48.5--39.2)
West Azarbayejan	142 (107-180)	-34.2 (-39.6--28.3)	140 (106-177)	-34.2 (-39.6--28.4)	132 (99.8-168)	-34.1 (-39.4--28.4)	94.2 (72-119)	-40 (-44.8--34.5)	20.2 (14.6-27.1)	-32.3 (-37.8--26.3)	90.8 (69-114)	-42.9 (-47.3--37.8)
Yazd	138 (105-177)	-33.8 (-39.2--27.4)	136 (103-175)	-33.9 (-39.2--27.4)	131 (99.2-168)	-33.7 (-39.1--27.2)	96 (73.5-123)	-39.3 (-44.2--33.2)	19.9 (14.3-26.5)	-32.1 (-38.3--25.9)	91.9 (70.4-117)	-41.1 (-45.6--35.2)
Zanjan	137 (104-174)	-34.1 (-38.9--29.3)	134 (102-171)	-34.1 (-38.9--29.3)	128 (97-164)	-34 (-38.4--28.9)	93.5 (70.9-119)	-40.7 (-44.6--36.4)	19.7 (14.3-26.3)	-33.6 (-38.6--28.1)	86.4 (65.8-109)	-44.7 (-48.4--40.5)
Iraq	102 (87.3-120)	-0.2 (-6.9-7.4)	101 (86.3-119)	-0.2 (-7-7.4)	96.2 (82-113)	-0.4 (-7.3-6.9)	72.7 (62.3-84.6)	-2.9 (-9.4-4.4)	11.2 (8.2-15)	2.6 (-6.5-12.1)	72.6 (62.2-84.1)	-8.7 (-14.6--1.8)
Jordan	79.4 (60.4-102)	0.3 (-7.1-8.7)	78.5 (59.7-101)	0.3 (-7.1-8.6)	75.5 (57.4-97.9)	0.2 (-7.3-8.4)	59.9 (46-77.8)	-3.6 (-11-4.4)	12 (8.4-16.4)	9.5 (0-19)	58 (44.6-74.9)	-7.8 (-14.8--0.3)
Kuwait	41.7 (32.4-52.4)	-0.1 (-8.7-8)	41.3 (32-51.7)	-0.2 (-8.7-7.9)	40 (31-50.3)	-0.2 (-8.7-8)	30.2 (23.5-37.6)	-8.8 (-16.5--1.1)	7.5 (5.2-10.1)	18.5 (6.7-31.7)	28.4 (22.3-35.4)	-12.6 (-20--5.5)
Lebanon	67.9 (53.6-83.5)	1.8 (-5.2-9.5)	66.8 (52.7-82.2)	1.8 (-5.2-9.6)	64.2 (50.7-79.4)	1.9 (-5-9.9)	46.7 (37.1-57.3)	-2.4 (-8.8-5.1)	6.3 (4.4-8.6)	2.2 (-6.5-12.4)	42.7 (34.3-52.2)	-5.4 (-11.7-1.9)
Libya	230 (178-291)	0.2 (-8.1-9.6)	226 (175-285)	0.2 (-8.2-9.2)	216 (167-273)	-0.1 (-8.3-9.1)	158 (124-198)	-8.2 (-15.9-0)	32.1 (23.1-43.2)	15.4 (5.5-25.3)	147 (115-183)	-15.7 (-22.8--8.4)
Morocco	14.1 (11-17.2)	0.3 (-6.3-7.9)	13.9 (10.8-17)	0.2 (-6.4-7.8)	13.3 (10.3-16.2)	0.1 (-6.3-7.6)	9.9 (7.7-12)	-3.6 (-9.8-3.8)	1.5 (1-2.1)	4.2 (-4-13.1)	9 (7.1-10.9)	-11.9 (-17.7--5.1)
Oman	336 (268-403)	7.5 (-6.2-20.6)	332 (264-398)	7.5 (-6.2-20.6)	319 (254-383)	7.6 (-5.9-21)	231 (182-279)	0.3 (-12.2-12.8)	45.9 (32.8-61.8)	9.6 (-3.9-24.6)	236 (186-284)	-2.2 (-14.3-9.8)
Palestine	78.4 (59.5-101)	-0.6 (-10.1-7.4)	77.3 (58.6-100)	-0.7 (-10-7.4)	74.3 (56.3-96.4)	-0.8 (-9.9-7.4)	60.5 (45.9-77.7)	-2.2 (-11.1-5.3)	11.9 (8.4-16)	12.8 (3.6-23)	60.1 (45.7-77.2)	-6.5 (-14.6-1)
Qatar	85.6 (64.7-109)	0.1 (-7.9-7.8)	84.7 (64-108)	0.1 (-7.9-7.8)	82.2 (62.3-104)	0.1 (-7.8-7.8)	62.5 (47.5-79.1)	2 (-6.3-11.1)	15.2 (10.8-20.7)	-7.5 (-16.5-2.4)	60.4 (46-76)	-4.5 (-11.7-4)
Saudi Arabia	355 (287-430)	-76.1 (-80.3--71.5)	353 (286-427)	-75.8 (-80.1--71.3)	349 (282-423)	-75.2 (-79.6--70.6)	296 (240-357)	-76.5 (-80.6--72.1)	92.5 (69.7-118)	-60.9 (-68.2--51.6)	280 (228-337)	-77.1 (-81.1--72.8)
Sudan	448 (361-551)	-33.6 (-41.7--25.8)	440 (355-540)	-33.5 (-41.6--25.6)	415 (334-512)	-33.8 (-42--26.1)	317 (256-393)	-34.9 (-42.5--26.9)	55 (40-72.9)	-23.6 (-33.2--13)	330 (266-406)	-36.4 (-44.1--28.7)
Syrian Arab Republic	10.7 (8.4-13.3)	1 (-5.4-8.3)	10.6 (8.3-13.1)	1 (-5.3-8.3)	10 (7.8-12.4)	0.4 (-5.7-7.7)	7.6 (6-9.3)	-4 (-9.9-3.1)	1.2 (0.8-1.7)	4 (-4.8-14.4)	6.8 (5.4-8.3)	-17.3 (-22.8--11.2)
Tunisia	83.7 (64.8-106)	-0.6 (-9.3-7.8)	82.6 (64-105)	-0.6 (-9.4-7.7)	79.4 (61.6-101)	-0.6 (-9.1-7.7)	60.6 (47.2-76)	-5.3 (-13.1-3)	11.5 (8.4-15.4)	1.9 (-6.6-10.4)	52.2 (40.6-65.2)	-14.8 (-21.8--7.3)
Türkiye	18.1 (15.4-21.2)	-26.6 (-32.8--19.9)	17.8 (15.2-20.8)	-26.6 (-32.8--19.9)	17.1 (14.5-20)	-26.8 (-33.2--20.2)	13 (11.2-15)	-30.1 (-36--23.7)	2.3 (1.7-2.9)	-22.8 (-29.8--14.9)	11 (9.6-12.8)	-37.6 (-42.9--32.1)
United Arab Emirates	25.2 (20.5-29.4)	-2.8 (-9-4)	25 (20.4-29)	-2.8 (-9-4)	24.2 (19.8-28.2)	-2.8 (-9-4)	15.7 (12.8-18.5)	-15.2 (-21.9--7.5)	4.6 (3.3-6.1)	-3.2 (-11.2-6.3)	15.2 (12.4-17.8)	-20.6 (-26.5--13.8)
Yemen	14.2 (11.5-17)	0.3 (-6.4-7.2)	13.9 (11.3-16.7)	0.2 (-6.4-7.2)	13.1 (10.7-15.8)	0.3 (-6.1-7.4)	9.7 (7.9-11.6)	-2.8 (-8.8-3.8)	1.2 (0.8-1.7)	2.9 (-6.7-13.5)	10.4 (8.5-12.4)	-5.1 (-10.9-0.7)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
South Asia	239 (166-332)	-4.8 (-7.3--1.8)	227 (159-315)	-4.2 (-6.6--1.4)	148 (107-203)	-3.4 (-5.9--0.9)	29.6 (21.6-40)	-8.7 (-11--6.4)	0.7 (0.4-1)	-1.4 (-4.6-1.9)	63.9 (47.5-85.4)	-23.9 (-26.2--21.5)
South Asia	239 (166-332)	-4.8 (-7.3--1.8)	227 (159-315)	-4.2 (-6.6--1.4)	148 (107-203)	-3.4 (-5.9--0.9)	29.6 (21.6-40)	-8.7 (-11--6.4)	0.7 (0.4-1)	-1.4 (-4.6-1.9)	63.9 (47.5-85.4)	-23.9 (-26.2--21.5)
Bangladesh	0.7 (0.5-1)	-1.6 (-26.9-10.1)	0.6 (0.4-0.9)	-1.8 (-26.9-8.9)	0.4 (0.3-0.6)	-4.5 (-28.5-8)	0.1 (0-0.1)	-12.7 (-32-5.4)	0 (0-0)	-13.2 (-40.7-22.2)	0.2 (0.1-0.2)	-31.2 (-48.1--22.7)
Bhutan	0.7 (0.5-0.9)	-0.6 (-19.7-6.2)	0.6 (0.4-0.9)	-0.7 (-19.2-5.7)	0.4 (0.3-0.5)	-1.1 (-21-7)	0.1 (0.1-0.1)	-20.2 (-36--6.9)	0 (0-0)	-7.3 (-33.2-25.5)	0.2 (0.1-0.2)	-28.6 (-41.6--22.5)
India	342 (238-475)	-1.4 (-4.1-1.6)	320 (225-444)	-1.2 (-3.8-1.6)	202 (146-276)	0 (-2.5-2.6)	38 (27.7-51.4)	-7.3 (-9.6--5)	0.8 (0.5-1.2)	-0.6 (-3.8-2.7)	83.1 (61.7-111)	-23 (-25.4--20.6)
Nepal	2.3 (1.9-2.9)	-0.1 (-10.9-12)	2.2 (1.8-2.7)	0 (-10.5-12.2)	1.5 (1.2-1.8)	-1 (-12.1-10.1)	0.3 (0.2-0.4)	-6.6 (-17.7-7.1)	0 (0-0)	-10.4 (-33.9-22.6)	0.7 (0.5-0.8)	-23.6 (-31.6--14.8)
Pakistan	0.1 (0-0.1)	-0.4 (-2.4-0)	0.1 (0-0.1)	-0.5 (-2.7-0.3)	0 (0-0.1)	-1.2 (-5-1.5)	0 (0-0)	-3.6 (-12.8-4)	0 (0-0)	3.6 (-15.6-24)	0 (0-0.1)	-13 (-16.5--10.1)
Azad Jammu & Kashmir	0.1 (0-0.1)	-0.2 (0-0)	0.1 (0-0.1)	-0.3 (-1.1-0.8)	0 (0-0.1)	-1 (-6.6-4.6)	0 (0-0)	-13.2 (-24.1--1.8)	0 (0-0)	-2.8 (-29.1-31.9)	0 (0-0)	-22.3 (-26.8--17.9)
Balochistan	0.1 (0-0.1)	-0.1 (0-0)	0.1 (0-0.1)	-0.1 (-1.3-0.9)	0 (0-0.1)	-1.3 (-7.9-3.7)	0 (0-0)	3.5 (-9.9-18.7)	0 (0-0)	5.5 (-24.6-47.9)	0 (0-0.1)	-2.2 (-7.7-1.8)
Gilgit-Baltistan	0.1 (0-0.1)	-0.1 (0-0)	0.1 (0-0.1)	-0.1 (-1.2-0.8)	0 (0-0.1)	-0.3 (-6-4.2)	0 (0-0)	-4.2 (-16.4-8.1)	0 (0-0)	-15.9 (-40.1-12.8)	0 (0-0.1)	-3.4 (-7.4-0.4)
Islamabad Capital Territory	0.1 (0-0.1)	-0.4 (0-0)	0.1 (0-0.1)	-0.4 (-0.7-1.1)	0 (0-0.1)	-0.5 (-3.4-3)	0 (0-0)	-11.7 (-20--3)	0 (0-0)	5.8 (-18.3-36.2)	0 (0-0.1)	-13.7 (-16.8--9.7)
Khyber Pakhtunkhwa	0.1 (0-0.1)	-0.2 (0-0)	0.1 (0-0.1)	-0.6 (-2.2-0.5)	0 (0-0.1)	-1.5 (-7.1-2.8)	0 (0-0)	-1.4 (-13.2-9.2)	0 (0-0)	1.6 (-29.8-38.8)	0 (0-0.1)	-3.1 (-7.4-0.4)
Punjab	0.1 (0-0.1)	-0.3 (0-0)	0.1 (0-0.1)	-0.4 (-1-0.6)	0 (0-0.1)	-1.5 (-6.7-3)	0 (0-0)	-5.6 (-18.7-6)	0 (0-0)	3.7 (-27.3-39.5)	0 (0-0)	-18.3 (-23.2--14.1)
Sindh	0.1 (0-0.1)	-0.2 (0-0)	0.1 (0-0.1)	-0.4 (-1.4-0.8)	0 (0-0.1)	-1.4 (-7.5-4.3)	0 (0-0)	-2.5 (-15.3-12.6)	0 (0-0)	0.7 (-33.6-40)	0 (0-0.1)	-13.7 (-18.9--9)
Southeast Asia, East Asia, and Oceania	2.1 (1.6-2.7)	0.9 (-0.9-2.7)	2 (1.5-2.6)	-0.4 (-2.2-1.6)	1.9 (1.4-2.5)	-5 (-6.6--3.2)	1.1 (0.8-1.4)	-14.9 (-16.9--13)	0.2 (0.2-0.3)	1.8 (-0.4-4.5)	1 (0.7-1.2)	-22.8 (-24.7--20.6)
East Asia	3.6 (2.7-4.7)	0.4 (-1.4-2.2)	3.5 (2.6-4.6)	-0.1 (-1.9-1.9)	3.1 (2.3-4.1)	0.9 (-0.9-2.7)	1.6 (1.2-2.1)	-6.3 (-8.4--4.2)	0.3 (0.2-0.4)	1.7 (-0.6-4.4)	1.4 (1.1-1.9)	-20 (-22--17.7)
China	3.6 (2.7-4.7)	0.1 (-1.8-2)	3.5 (2.6-4.6)	-0.5 (-2.4-1.5)	3.1 (2.3-4.1)	0.6 (-1.2-2.5)	1.6 (1.2-2.1)	-6.9 (-9--4.8)	0.3 (0.2-0.4)	-0.4 (-2.7-2.1)	1.4 (1.1-1.8)	-20.4 (-22.4--18.2)
Democratic People's Republic of Korea	3.6 (2.6-4.7)	-0.3 (-9.8-7.9)	3.5 (2.6-4.6)	-0.5 (-9.9-7.8)	3.2 (2.4-4.2)	-0.6 (-10-7.8)	1.6 (1.2-2.1)	-6.8 (-15.8-0.7)	0.3 (0.2-0.4)	-2.3 (-13.8-9.6)	1.5 (1.1-2)	-19.9 (-27.1--13.1)
Taiwan (Province of China)	3.8 (3-4.7)	25.4 (10.7-44)	3.8 (3-4.7)	25.4 (10.4-44)	3.5 (2.8-4.4)	25.8 (10.8-44.1)	2.1 (1.7-2.6)	28.5 (11.9-48.2)	0.7 (0.5-0.9)	101 (69.6-144)	1.8 (1.4-2.1)	6.2 (-8.1-23.5)
Oceania	0 (0-0.1)	0.3 (0-7.3)	0 (0-0.1)	0.3 (-0.6-8)	0 (0-0.1)	-0.1 (-2.9-9.5)	0 (0-0)	-5.3 (-12.1-4)	0 (0-0)	2.2 (-12.6-23.1)	0 (0-0)	-6.9 (-10.3-0.6)
American Samoa	0 (0-0.1)	0 (0-0.4)	0 (0-0.1)	0 (-0.2-0.5)	0 (0-0.1)	-0.5 (-1.7-0.5)	0 (0-0)	3.9 (-0.4-7.9)	0 (0-0)	1.3 (-21.4-17.7)	0 (0-0)	-13.7 (-15.9--12.1)
Cook Islands	0 (0-0.1)	-2.9 (-46.8-0.1)	0 (0-0.1)	-3 (-46.7-0.2)	0 (0-0.1)	-3.5 (-47.3-0.5)	0 (0-0)	-5.6 (-56.2-1.6)	0 (0-0)	-9.4 (-54.4-11.1)	0 (0-0)	-22.8 (-61.1--18.2)
Fiji	0 (0-0.1)	0 (0-0)	0 (0-0.1)	-0.1 (-0.5-0.3)	0 (0-0.1)	0.1 (-1.7-1.7)	0 (0-0)	-5.4 (-10.2--0.6)	0 (0-0)	-10.8 (-24.2-5.4)	0 (0-0)	-11 (-13.4--8.7)
Guam	0 (0-0.1)	0 (0-0.2)	0 (0-0.1)	0 (-0.2-0.3)	0 (0-0.1)	-0.1 (-1-0.8)	0 (0-0)	2.1 (-1.1-7.3)	0 (0-0)	-13.5 (-22.4-1.7)	0 (0-0)	-11.9 (-13.5--9.8)
Kiribati	0 (0-0.1)	3.4 (0-1250)	0 (0-0.1)	3.4 (-0.4-1250)	0 (0-0.1)	3.4 (-1.8-1200)	0 (0-0)	0.1 (-9.5-956)	0 (0-0)	1.3 (-23.7-273)	0 (0-0)	-4.9 (-10.8-1040)
Marshall Islands	0 (0-0.1)	1.3 (0-0)	0 (0-0.1)	1.3 (-0.3-0.6)	0 (0-0.1)	1.4 (-1.3-2.4)	0 (0-0)	-11.3 (-17.5--6.7)	0 (0-0)	-5.3 (-23.6-14.8)	0 (0-0)	-16.6 (-20--15)
Micronesia (Federated States of)	0 (0-0.1)	0 (-0.1-0)	0 (0-0.1)	0 (-0.4-0.3)	0 (0-0.1)	-0.3 (-2-1.2)	0 (0-0)	-5.1 (-9.9--0.2)	0 (0-0)	3.2 (-13.4-25)	0 (0-0)	-17.5 (-20--15.3)
Nauru	0 (0-0.1)	-2.3 (-92.6-0.1)	0 (0-0.1)	-2.4 (-92.6-0.3)	0 (0-0.1)	-2.5 (-92.4-2)	0 (0-0)	-0.3 (-91.3-8.5)	0 (0-0)	-2.5 (-79.5-24.9)	0 (0-0)	-7 (-92.5--2.1)
Niue	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.2 (-0.3-2)	0 (0-0.1)	0 (-1.6-1.8)	0 (0-0)	-0.9 (-5.9-3.5)	0 (0-0)	7.8 (-8.1-33.4)	0 (0-0)	-11.9 (-14.4--9.7)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Northern Mariana Islands	0 (0-0.1)	-0.2 (-0.1-0)	0 (0-0.1)	-0.3 (-0.4-0.5)	0 (0-0.1)	-0.9 (-1.9-0.1)	0 (0-0)	7.6 (0.5-43.1)	0 (0-0)	-7.8 (-43.9-10.1)	0 (0-0)	-30.3 (-33--20.7)
Palau	0 (0-0.1)	1.3 (0-0.1)	0 (0-0.1)	1.3 (-0.3-0.7)	0 (0-0.1)	1 (-2-1.4)	0 (0-0)	-6.8 (-12.6--0.6)	0 (0-0)	3.3 (-16.9-24.8)	0 (0-0)	-25.4 (-28.6--23.1)
Papua New Guinea	0 (0-0.1)	0 (0-0.1)	0 (0-0.1)	-0.1 (-0.6-0.5)	0 (0-0.1)	0.1 (-3.1-2.8)	0 (0-0)	-4.4 (-13-3.4)	0 (0-0)	9.3 (-12.9-35)	0 (0-0)	-6.5 (-10.7--3.1)
Samoa	0 (0-0.1)	0 (0-0.1)	0 (0-0.1)	0.1 (-0.2-0.5)	0 (0-0.1)	-0.5 (-2.5-0.7)	0 (0-0)	0.5 (-5.1-5.1)	0 (0-0)	12.4 (-3.3-32.6)	0 (0-0)	-5.2 (-8.2--3)
Solomon Islands	0 (0-0.1)	0 (0-0)	0 (0-0.1)	-0.1 (-0.5-0.2)	0 (0-0.1)	-0.1 (-1.7-1.3)	0 (0-0)	-8 (-13.6--3)	0 (0-0)	18.8 (-6.9-46.4)	0 (0-0)	-7.7 (-10.3--5.6)
Tokelau	0 (0-0.1)	-0.3 (0-0.1)	0 (0-0.1)	0.2 (-0.3-4.7)	0 (0-0.1)	0.2 (-0.9-3)	0 (0-0)	-5.3 (-9--1.8)	0 (0-0)	6.1 (-10.5-22.7)	0 (0-0)	-12.8 (-14.5--10.3)
Tonga	0 (0-0.1)	0 (0-0.1)	0 (0-0.1)	0 (-0.3-0.2)	0 (0-0.1)	-0.1 (-1.8-1.2)	0 (0-0)	-4.5 (-9.9--1)	0 (0-0)	5.4 (-8.8-21.7)	0 (0-0)	-7.7 (-10.4--6.1)
Tuvalu	0 (0-0.1)	0 (0-0.1)	0 (0-0.1)	0 (-0.5-0.5)	0 (0-0.1)	-0.6 (-2.9-1.8)	0 (0-0)	5.3 (-1.8-15.6)	0 (0-0)	-5.5 (-23.3-29.8)	0 (0-0)	-7.5 (-11--3.8)
Vanuatu	0 (0-0.1)	0 (-0.2-0)	0 (0-0.1)	-0.1 (-0.5-0.2)	0 (0-0.1)	-0.1 (-1.6-1.4)	0 (0-0)	-3.4 (-9.2-1.6)	0 (0-0)	-6.3 (-22.7-17.2)	0 (0-0)	-8 (-10.5--5.9)
Southeast Asia	0 (0-0.1)	0.9 (-0.4-12.6)	0 (0-0.1)	1 (-0.1-13.2)	0 (0-0.1)	1.6 (-0.7-17.1)	0 (0-0)	-6.6 (-9.2-3.2)	0 (0-0)	3 (-4-8.7)	0 (0-0)	-16.7 (-19--7.4)
Cambodia	0 (0-0.1)	2 (0-88.4)	0 (0-0.1)	2 (-0.5-88.5)	0 (0-0.1)	2.3 (-2.3-88.2)	0 (0-0)	-7.1 (-16.3-85.5)	0 (0-0)	-2 (-25.1-222)	0 (0-0)	-17.3 (-22.5-56)
Indonesia	0 (0-0.1)	0.1 (0-1.5)	0 (0-0.1)	0.1 (-0.2-1.5)	0 (0-0.1)	-0.3 (-1-1.1)	0 (0-0)	-8.9 (-11.2--6.9)	0 (0-0)	2.4 (-3.5-8.8)	0 (0-0)	-17.2 (-18.7--15.7)
Aceh	0 (0-0.1)	0 (0-0)	0 (0-0.1)	-0.1 (-0.4-0.2)	0 (0-0.1)	0 (-1.6-2.1)	0 (0-0)	-9.2 (-13.8--4.1)	0 (0-0)	4 (-11-26)	0 (0-0)	-14.7 (-17.3--11.6)
Bali	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.3-0.3)	0 (0-0.1)	-0.5 (-2.1-1.3)	0 (0-0)	-8.3 (-13.3--2.8)	0 (0-0)	1.7 (-14.5-18.2)	0 (0-0)	-19.1 (-21.9--16)
Bangka-Belitung Islands	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.5-0.4)	0 (0-0.1)	0.1 (-2-2.5)	0 (0-0)	-14.9 (-20.9--8.3)	0 (0-0)	2.8 (-18.3-28.1)	0 (0-0)	-20.1 (-23.3--17.2)
Banten	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.6-0.4)	0 (0-0.1)	-0.2 (-2.8-2)	0 (0-0)	-9.5 (-16.1--3.9)	0 (0-0)	7.9 (-11.2-27.7)	0 (0-0)	-15.7 (-19.3--12.9)
Bengkulu	0 (0-0.1)	0.8 (0-0)	0 (0-0.1)	0.8 (-0.5-0.6)	0 (0-0.1)	0.7 (-2.2-4.2)	0 (0-0)	-9.8 (-16--0.9)	0 (0-0)	3.7 (-17.2-28.4)	0 (0-0)	-18.3 (-21.8--13.8)
Gorontalo	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.5-0.5)	0 (0-0.1)	-1 (-3.3-1.5)	0 (0-0)	1.8 (-4.7-9.1)	0 (0-0)	15.4 (-5.7-39.8)	0 (0-0)	-11.5 (-15.2--7.4)
Jakarta	0 (0-0.1)	0.3 (0-0)	0 (0-0.1)	0.2 (-0.5-0.2)	0 (0-0.1)	0.3 (-1.7-1.9)	0 (0-0)	-12.9 (-18--8.5)	0 (0-0)	-3.7 (-15.1-11.4)	0 (0-0)	-18.5 (-21.6--16.1)
Jambi	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.4-0.3)	0 (0-0.1)	-0.3 (-2.1-1.7)	0 (0-0)	-10.7 (-15.5--5.4)	0 (0-0)	-2.6 (-17.8-19.2)	0 (0-0)	-18.6 (-21.1--15.9)
West Java	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.5-0.3)	0 (0-0.1)	-0.3 (-2.2-1.8)	0 (0-0)	-8.7 (-14.2--4.2)	0 (0-0)	5.9 (-12.3-25.3)	0 (0-0)	-17.5 (-20.5--14.9)
Central Java	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.3-0.3)	0 (0-0.1)	-0.2 (-2.1-1.4)	0 (0-0)	-7.7 (-12--3.1)	0 (0-0)	4.2 (-8.2-21.7)	0 (0-0)	-19.9 (-22.5--17.3)
East Java	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.3-0.3)	0 (0-0.1)	-0.3 (-1.8-1.5)	0 (0-0)	-6.9 (-11--2.5)	0 (0-0)	2 (-13.3-24)	0 (0-0)	-19.2 (-21.6--16.8)
West Kalimantan	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.4-0.4)	0 (0-0.1)	-0.1 (-2.6-2.5)	0 (0-0)	-9.8 (-16.3--3.5)	0 (0-0)	-4.8 (-20.7-16.7)	0 (0-0)	-17.2 (-20.6--14.3)
South Kalimantan	0 (0-0.1)	-0.1 (0-0)	0 (0-0.1)	-0.1 (-0.6-0.3)	0 (0-0.1)	-0.4 (-2.9-1.9)	0 (0-0)	-10.5 (-17.3--4.2)	0 (0-0)	2.7 (-17.1-28.1)	0 (0-0)	-19.9 (-23.6--16.9)
Central Kalimantan	0 (0-0.1)	0 (0-0)	0 (0-0.1)	-0.1 (-0.4-0.4)	0 (0-0.1)	-0.3 (-2.2-1.8)	0 (0-0)	-11.9 (-17.6--6.2)	0 (0-0)	3.3 (-15.2-23.5)	0 (0-0)	-18.6 (-21.8--16)
East Kalimantan	0 (0-0.1)	0 (0-0)	0 (0-0.1)	-0.1 (-0.5-0.2)	0 (0-0.1)	-0.1 (-2.3-1.5)	0 (0-0)	-10.2 (-15.5--4.9)	0 (0-0)	-1.7 (-18.7-17.4)	0 (0-0)	-15 (-17.9--12.6)
North Kalimantan	0 (0-0.1)	1.9 (0-0)	0 (0-0.1)	1.8 (-0.4-0.5)	0 (0-0.1)	1.5 (-2.1-2.5)	0 (0-0)	-6.1 (-13.1--1.4)	0 (0-0)	2.6 (-13.7-20.6)	0 (0-0)	-14.4 (-19.1--12.3)
Riau Islands	0 (0-0.1)	0 (0-0)	0 (0-0.1)	-0.1 (-0.5-0.3)	0 (0-0.1)	0.6 (-1.7-3)	0 (0-0)	-20.7 (-27.2--14.5)	0 (0-0)	6.4 (-11.5-26.7)	0 (0-0)	-14.9 (-18.1--11.3)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Lampung	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.4-0.3)	0 (0-0.1)	-0.4 (-2.1-1.3)	0 (0-0)	-10.8 (-16.4--6.3)	0 (0-0)	0.7 (-15.5-20)	0 (0-0)	-20.5 (-23.4--18)
Maluku	0 (0-0.1)	-0.8 (0-0)	0 (0-0.1)	-0.8 (-0.8-0.4)	0 (0-0.1)	-1.2 (-4-2.3)	0 (0-0)	-4.1 (-13.6-3.3)	0 (0-0)	5.4 (-19.4-31)	0 (0-0)	-12.4 (-17--8.7)
North Maluku	0 (0-0.1)	-0.7 (0-0)	0 (0-0.1)	-0.8 (-0.9-0.4)	0 (0-0.1)	-1.2 (-4.3-1.9)	0 (0-0)	-10.2 (-18--3.1)	0 (0-0)	0.1 (-24.1-26.7)	0 (0-0)	-17.8 (-21.4--14.3)
West Nusa Tenggara	0 (0-0.1)	0.8 (0-0)	0 (0-0.1)	0.7 (-0.5-0.8)	0 (0-0.1)	0.7 (-2.6-3.4)	0 (0-0)	-9.4 (-17.2--1)	0 (0-0)	0.5 (-21.3-25.8)	0 (0-0)	-16.7 (-20.8--12.8)
East Nusa Tenggara	0 (0-0.1)	-0.1 (0-0)	0 (0-0.1)	-0.1 (-0.6-0.4)	0 (0-0.1)	-0.8 (-3.2-1.4)	0 (0-0)	-1.8 (-9.5-4.8)	0 (0-0)	-0.1 (-21.4-23.8)	0 (0-0)	-11.6 (-15--8.9)
Papua	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.5-0.6)	0 (0-0.1)	-0.3 (-3.2-2.5)	0 (0-0)	-7.3 (-15-0.2)	0 (0-0)	3.9 (-17.8-31.9)	0 (0-0)	-13.1 (-16.9--9.7)
West Papua	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.5-0.4)	0 (0-0.1)	0.1 (-2.2-2.8)	0 (0-0)	-9.5 (-15.8--2.6)	0 (0-0)	-18 (-33.9-4.8)	0 (0-0)	-15.8 (-19--12.5)
Riau	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.4-0.2)	0 (0-0.1)	-0.1 (-2.2-2)	0 (0-0)	-9.7 (-15.2--4.4)	0 (0-0)	6.5 (-10.4-28.5)	0 (0-0)	-13.8 (-16.7--11)
West Sulawesi	0 (0-0.1)	0 (0-0)	0 (0-0.1)	-0.1 (-0.6-0.4)	0 (0-0.1)	-0.8 (-3.4-1.8)	0 (0-0)	-5.1 (-12.5-2)	0 (0-0)	0.5 (-19.8-30)	0 (0-0)	-14.8 (-18.5--11.2)
South Sulawesi	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.4-0.4)	0 (0-0.1)	-0.5 (-2.6-1.9)	0 (0-0)	-7 (-13.1--1.1)	0 (0-0)	-0.5 (-19.5-20.9)	0 (0-0)	-17.3 (-20.7--14)
Central Sulawesi	0 (0-0.1)	0.2 (0-0)	0 (0-0.1)	0.1 (-0.5-0.4)	0 (0-0.1)	-0.6 (-3.2-1.7)	0 (0-0)	-7.7 (-13.6--2)	0 (0-0)	-3.7 (-21.2-16.3)	0 (0-0)	-17.2 (-20.3--14.3)
Southeast Sulawesi	0 (0-0.1)	0 (0-0)	0 (0-0.1)	-0.1 (-0.5-0.4)	0 (0-0.1)	-0.3 (-2.9-1.8)	0 (0-0)	-8.7 (-14.7--3)	0 (0-0)	-1.1 (-20.3-24.8)	0 (0-0)	-15.6 (-18.7--13)
North Sulawesi	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.4-0.3)	0 (0-0.1)	-0.7 (-2.6-1.2)	0 (0-0)	-7.7 (-12.9--1.7)	0 (0-0)	-3.7 (-20.7-16.1)	0 (0-0)	-21.5 (-24.4--18.7)
West Sumatra	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.4-0.4)	0 (0-0.1)	-0.4 (-2.4-1.9)	0 (0-0)	-5.6 (-11.5-0.4)	0 (0-0)	3.8 (-14.6-29.4)	0 (0-0)	-16.3 (-19.2--13.1)
South Sumatra	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.4-0.3)	0 (0-0.1)	0 (-2-2.1)	0 (0-0)	-10.8 (-15.8--4.9)	0 (0-0)	-0.8 (-14.9-15.8)	0 (0-0)	-18.6 (-21.4--15.6)
North Sumatra	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.4-0.3)	0 (0-0.1)	-0.3 (-2.4-1.8)	0 (0-0)	-8.2 (-14.6--1.8)	0 (0-0)	2.7 (-15.3-27.6)	0 (0-0)	-16.8 (-19.7--13.8)
Yogyakarta	0 (0-0.1)	1.1 (0-0)	0 (0-0.1)	1.1 (-0.2-0.3)	0 (0-0.1)	1.1 (-1.2-1.6)	0 (0-0)	-7.4 (-12.8--2.5)	0 (0-0)	13.8 (-2.4-38.3)	0 (0-0)	-17.3 (-20.7--15.2)
Lao People's Democratic Republic	0 (0-0.1)	1.1 (0-0)	0 (0-0.1)	1.1 (-0.5-0.8)	0 (0-0.1)	0.9 (-2.8-4.1)	0 (0-0)	-7 (-15.5-1.9)	0 (0-0)	7.4 (-16.1-45.6)	0 (0-0)	-16.3 (-21--13)
Malaysia	0 (0-0.1)	0 (0-0.2)	0 (0-0.1)	0.1 (-0.1-0.2)	0 (0-0.1)	-0.1 (-1-0.8)	0 (0-0)	-3.3 (-7-1)	0 (0-0)	-13.1 (-22.3-0.5)	0 (0-0)	-15.3 (-17.5--13)
Maldives	0 (0-0.1)	3.3 (0-93.6)	0 (0-0.1)	3.3 (-0.2-92.9)	0 (0-0.1)	3.9 (-0.7-92.9)	0 (0-0)	-15.4 (-23.8-53.5)	0 (0-0)	24.9 (6.7-128)	0 (0-0)	-22.9 (-29.8-41.7)
Mauritius	0 (0-0.1)	1.1 (0-0.7)	0 (0-0.1)	1.2 (-0.1-2)	0 (0-0.1)	0.8 (-1.4-5.3)	0 (0-0)	-1.1 (-5.6-10)	0 (0-0)	-9.6 (-23-9.7)	0 (0-0)	-23.9 (-26.8--18.1)
Myanmar	0 (0-0.1)	1.5 (0-88)	0 (0-0.1)	1.5 (-0.6-89.5)	0 (0-0.1)	1.6 (-3.1-92.3)	0 (0-0)	-4.1 (-13.4-92.8)	0 (0-0)	10 (-16.2-231)	0 (0-0)	-14.7 (-19.8-65.1)
Philippines	0 (0-0.1)	0 (0-0.5)	0 (0-0.1)	0 (-0.1-0.5)	0 (0-0.1)	0.1 (-0.5-0.7)	0 (0-0)	-3.6 (-5.1--2.3)	0 (0-0)	-3.2 (-6.8--0.1)	0 (0-0)	-11.4 (-12.5--10.2)
Abra	0 (0-0.1)	0.7 (0-0)	0 (0-0.1)	0.7 (-0.5-0.3)	0 (0-0.1)	0.8 (-2-1.8)	0 (0-0)	-3.7 (-9.9-0.8)	0 (0-0)	-3.2 (-23-11.2)	0 (0-0)	-12 (-15.5--10.3)
Agusan Del Norte	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.5-0.4)	0 (0-0.1)	0 (-2.7-2.3)	0 (0-0)	-3.2 (-9.8-3.4)	0 (0-0)	-4.7 (-23.5-16.6)	0 (0-0)	-11.3 (-14.5--8.5)
Agusan Del Sur	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.4-0.4)	0 (0-0.1)	0.2 (-2.1-2.5)	0 (0-0)	-3.7 (-9.7-2.6)	0 (0-0)	-4 (-20.9-16.5)	0 (0-0)	-11.8 (-14.4--9.1)
Aklan	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.3-0.3)	0 (0-0.1)	0.4 (-1.1-1.8)	0 (0-0)	-4.6 (-9--0.6)	0 (0-0)	-3.2 (-18.2-14.4)	0 (0-0)	-10.3 (-12.5--8.3)
Albay	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.3-0.4)	0 (0-0.1)	-0.1 (-1.8-1.9)	0 (0-0)	-2.8 (-8.1-2.5)	0 (0-0)	-6.1 (-22.4-13.6)	0 (0-0)	-11.7 (-14.4--9.3)
Antique	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.5-0.3)	0 (0-0.1)	0.6 (-1.5-2.4)	0 (0-0)	-2.3 (-8.3-3.4)	0 (0-0)	-1.6 (-18.3-16.8)	0 (0-0)	-9 (-11.8--6.5)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Apayao	0 (0-0.1)	-0.2 (0-0)	0 (0-0.1)	-0.3 (-0.6-0.3)	0 (0-0.1)	0 (-2.3-2.9)	0 (0-0)	-5.7 (-11.9-1.1)	0 (0-0)	-1.8 (-18-17.9)	0 (0-0)	-14.9 (-17.9--11.6)
Aurora	0 (0-0.1)	-0.7 (0-0)	0 (0-0.1)	-0.7 (-0.6-0.4)	0 (0-0.1)	-0.5 (-2.7-2.5)	0 (0-0)	-4.6 (-11.3-2.2)	0 (0-0)	-6.8 (-21.9-11.1)	0 (0-0)	-13.7 (-16.5--10.4)
Basilan	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.3-0.3)	0 (0-0.1)	-0.2 (-1.9-1.8)	0 (0-0)	-2 (-6.6-3.4)	0 (0-0)	0.9 (-18-18.4)	0 (0-0.1)	-7.2 (-9.4--4.7)
Bataan	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.3-0.3)	0 (0-0.1)	0 (-1.8-1.6)	0 (0-0)	-4.5 (-10.3--0.6)	0 (0-0)	-9.4 (-23.7-3.6)	0 (0-0)	-13.7 (-16.7--11.7)
Batanes	0 (0-0.1)	0.3 (0-0)	0 (0-0.1)	0.2 (-0.4-0.3)	0 (0-0.1)	0.6 (-1.4-2.2)	0 (0-0)	-10.3 (-15--6.2)	0 (0-0)	5.8 (-8.6-22)	0 (0-0)	-16 (-18.7--13.9)
Batangas	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.2-0.3)	0 (0-0.1)	0.1 (-1.1-1.7)	0 (0-0)	-4.9 (-9.3--0.8)	0 (0-0)	-2 (-14.8-13.4)	0 (0-0)	-11.4 (-13.6--9.1)
Benguet	0 (0-0.1)	0.3 (0-0)	0 (0-0.1)	0.3 (-0.3-0.3)	0 (0-0.1)	0.4 (-1.3-1.6)	0 (0-0)	-1.7 (-6.3-1.9)	0 (0-0)	-7.2 (-19.2-7.7)	0 (0-0)	-10.4 (-12.9--8.7)
Biliran	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.2-0.3)	0 (0-0.1)	0.3 (-0.9-1.7)	0 (0-0)	-2.7 (-6.7-1.8)	0 (0-0)	-8.2 (-23.5-9.3)	0 (0-0)	-10.5 (-12.2--8.8)
Bohol	0 (0-0.1)	1 (0-0)	0 (0-0.1)	0.9 (-0.4-0.4)	0 (0-0.1)	1 (-2-2.6)	0 (0-0)	-3.7 (-9.2-3)	0 (0-0)	3.2 (-15.8-23.1)	0 (0-0)	-12.4 (-15.8--9.8)
Bukidnon	0 (0-0.1)	-0.8 (0-0)	0 (0-0.1)	-0.9 (-0.8-0.3)	0 (0-0.1)	-0.7 (-3.2-2.6)	0 (0-0)	-5.4 (-12.8-1.1)	0 (0-0)	-6.7 (-23.3-12.7)	0 (0-0)	-13.7 (-17--10.4)
Bulacan	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.3-0.4)	0 (0-0.1)	-0.3 (-2.3-1.6)	0 (0-0)	-3.4 (-8.9-1.8)	0 (0-0)	-6.5 (-21.3-8.3)	0 (0-0)	-13.1 (-16.2--10.8)
Cagayan	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.4-0.3)	0 (0-0.1)	-0.2 (-2.5-1.9)	0 (0-0)	-5.3 (-10.7-0.3)	0 (0-0)	-3.2 (-21-14.1)	0 (0-0)	-14.4 (-17.2--11.6)
Camarines Norte	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.3-0.4)	0 (0-0.1)	0.1 (-1.8-1.8)	0 (0-0)	-1.9 (-7.2-3.5)	0 (0-0)	-4.8 (-21.9-12.4)	0 (0-0)	-10.5 (-12.9--8.4)
Camarines Sur	0 (0-0.1)	0.1 (0-0)	0 (0-0.1)	0.1 (-0.4-0.5)	0 (0-0.1)	0.2 (-2.1-2.6)	0 (0-0)	-0.9 (-6.8-5.5)	0 (0-0)	-2.6 (-22.6-18.6)	0 (0-0)	-8.8 (-12--5.9)
Camiguin	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.3-0.4)	0 (0-0.1)	0.2 (-1.4-1.8)	0 (0-0)	-3.8 (-8.4-0.4)	0 (0-0)	-5 (-17.6-9.7)	0 (0-0)	-10.4 (-12.7--8.3)
Capiz	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.3-0.4)	0 (0-0.1)	0.6 (-1-2.7)	0 (0-0)	-3.6 (-8.3-1.8)	0 (0-0)	-9.1 (-22.9-8)	0 (0-0)	-13.3 (-15.8--10.8)
Catanduanes	0 (0-0.1)	0 (0-0)	0 (0-0.1)	-0.1 (-0.5-0.4)	0 (0-0.1)	0.2 (-2-2.9)	0 (0-0)	-3.9 (-10.2-3)	0 (0-0)	1.9 (-16.6-25.1)	0 (0-0)	-10.3 (-13.2--6.9)
Cavite	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.2-0.3)	0 (0-0.1)	-0.2 (-1.8-1.1)	0 (0-0)	-3.8 (-8.3-0.5)	0 (0-0)	-5.7 (-20.1-9.8)	0 (0-0)	-12.5 (-14.9--10.1)
Cebu	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.3-0.4)	0 (0-0.1)	0.1 (-1.9-2)	0 (0-0)	-3.8 (-9.5-1.4)	0 (0-0)	-3.9 (-21.3-16.7)	0 (0-0)	-8.3 (-11.1--5.8)
Cotabato (North Cotabato)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.4-0.4)	0 (0-0.1)	0.2 (-1.8-2.3)	0 (0-0)	-4.3 (-8.8-1.2)	0 (0-0)	-2.5 (-18-13.8)	0 (0-0)	-10.2 (-12.5--7.6)
Davao de Oro	0 (0-0.1)	0 (0-0)	0 (0-0.1)	-0.1 (-0.4-0.3)	0 (0-0.1)	0 (-1.8-1.6)	0 (0-0)	-3.8 (-8.3-0.1)	0 (0-0)	-3.5 (-16.1-13.1)	0 (0-0)	-12.2 (-14.4--10.3)
Davao Del Norte	0 (0-0.1)	-0.8 (0-0)	0 (0-0.1)	-0.9 (-0.5-0.3)	0 (0-0.1)	-0.6 (-1.8-1.8)	0 (0-0)	-5.9 (-11.5--0.8)	0 (0-0)	-8.2 (-23.3-10.8)	0 (0-0)	-14.6 (-17--11.8)
Davao Del Sur	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.4-0.4)	0 (0-0.1)	0.2 (-2-2.2)	0 (0-0)	-5.2 (-11.2--0.3)	0 (0-0)	-13.2 (-27.5-4.2)	0 (0-0)	-13.1 (-16--10.6)
Davao Occidental	0 (0-0.1)	0 (0-0)	0 (0-0.1)	-0.1 (-0.5-0.2)	0 (0-0.1)	-1.1 (-3-0.4)	0 (0-0)	2.6 (-3.2-8.1)	0 (0-0)	16 (-5.2-43.7)	0 (0-0)	-2.8 (-5.4--0.7)
Davao Oriental	0 (0-0.1)	0 (0-0)	0 (0-0.1)	-0.1 (-0.4-0.3)	0 (0-0.1)	-0.1 (-2.2-2)	0 (0-0)	-3.5 (-9.1-1.9)	0 (0-0)	0.5 (-13.8-19.2)	0 (0-0)	-13.7 (-16.3--11.1)
Dinagat Islands	0 (0-0.1)	1 (0-0)	0 (0-0.1)	0.9 (-0.5-0.3)	0 (0-0.1)	0.8 (-2.1-1.9)	0 (0-0)	-2.2 (-8.7-2.8)	0 (0-0)	-12.8 (-29.2-7.6)	0 (0-0)	-12.9 (-16.5--11.4)
Eastern Samar	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.5-0.4)	0 (0-0.1)	0 (-2.6-2.2)	0 (0-0)	-1.3 (-8.6-4.8)	0 (0-0)	3.1 (-15-25.1)	0 (0-0)	-10 (-13.5--7.2)
Guimaras	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.4-0.3)	0 (0-0.1)	0.4 (-0.9-1.8)	0 (0-0)	-7.5 (-11.2--3.2)	0 (0-0)	-4.3 (-17.7-10.5)	0 (0-0)	-14.1 (-16--12)
Ifugao	0 (0-0.1)	1 (0-0)	0 (0-0.1)	1 (-0.4-0.4)	0 (0-0.1)	1.2 (-1.6-2)	0 (0-0)	-5.6 (-12--1.4)	0 (0-0)	0.7 (-16.9-17.5)	0 (0-0)	-10.6 (-14.2--8.8)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Ilocos Norte	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.4-0.3)	0 (0-0.1)	0.3 (-1.2-1.8)	0 (0-0)	-6.1 (-10.4--1.9)	0 (0-0)	-0.9 (-15.7-14.4)	0 (0-0)	-12.3 (-14.6--10.3)
Ilocos Sur	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.4-0.2)	0 (0-0.1)	0.1 (-1.9-1.7)	0 (0-0)	-6.2 (-11.6--2)	0 (0-0)	-1.2 (-14.9-13)	0 (0-0)	-12.4 (-15.3--10.1)
Iloilo	0 (0-0.1)	1 (0-0)	0 (0-0.1)	1 (-0.3-0.4)	0 (0-0.1)	1.3 (-1.5-2.4)	0 (0-0)	-4.3 (-9.9-0)	0 (0-0)	-2.5 (-18.2-16)	0 (0-0)	-10.1 (-13.5--8.5)
Isabela	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.3-0.4)	0 (0-0.1)	0.2 (-1.8-2.1)	0 (0-0)	-6.3 (-10.4--1)	0 (0-0)	-5 (-18.4-13.6)	0 (0-0)	-13.7 (-15.8--11)
Kalinga	0 (0-0.1)	0.3 (0-0)	0 (0-0.1)	0.2 (-0.4-0.3)	0 (0-0.1)	0.7 (-1.2-1.9)	0 (0-0)	-4.4 (-9.3--0.1)	0 (0-0)	1.7 (-12.6-16.3)	0 (0-0)	-11.1 (-13.8--9.1)
La Union	0 (0-0.1)	1 (0-0)	0 (0-0.1)	1 (-0.3-0.6)	0 (0-0.1)	1.3 (-1.4-3.3)	0 (0-0)	-5.2 (-11.3-0.5)	0 (0-0)	-2.7 (-20.5-26.8)	0 (0-0)	-13.7 (-17.2--11)
Laguna	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.3-0.3)	0 (0-0.1)	0.3 (-1.4-1.9)	0 (0-0)	-5 (-10.1--0.6)	0 (0-0)	-4.6 (-20.3-10.7)	0 (0-0)	-11.6 (-14.3--9.4)
Lanao Del Norte	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.4-0.3)	0 (0-0.1)	0.1 (-1.6-2)	0 (0-0)	-1.6 (-6.2-3.8)	0 (0-0)	-3.4 (-18.1-14.7)	0 (0-0)	-7.5 (-9.7--4.9)
Lanao Del Sur	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.5-0.4)	0 (0-0.1)	0 (-2.4-2.3)	0 (0-0)	-6.8 (-12.8--0.9)	0 (0-0)	8.5 (-11.3-31.6)	0 (0-0.1)	-6 (-8.8--3.6)
Leyte	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0.1 (-0.4-0.5)	0 (0-0.1)	0.1 (-2-2.6)	0 (0-0)	-2.1 (-7.9-4.4)	0 (0-0)	-7.1 (-22.9-11)	0 (0-0)	-11.8 (-14.6--8.8)
Maguindanao	0 (0-0.1)	0 (0-0)	0 (0-0.1)	-0.1 (-0.5-0.3)	0 (0-0.1)	0 (-2.1-2.7)	0 (0-0)	-4.5 (-10.3-1.5)	0 (0-0)	0.4 (-14.6-19.5)	0 (0-0.1)	-6.5 (-9.2--3.6)
Marinduque	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.4-0.2)	0 (0-0.1)	-0.3 (-2-1.2)	0 (0-0)	-4.1 (-8.5-0.7)	0 (0-0)	-10.8 (-26.5-5.5)	0 (0-0)	-14.4 (-16.8--12.2)
Masbate	0 (0-0.1)	0.1 (0-0)	0 (0-0.1)	0 (-0.5-0.3)	0 (0-0.1)	0 (-2.5-1.8)	0 (0-0)	0.7 (-6.4-6.6)	0 (0-0)	-2.9 (-20.8-16.8)	0 (0-0)	-6.6 (-9.7--4.2)
Misamis Occidental	0 (0-0.1)	-0.1 (0-0)	0 (0-0.1)	-0.1 (-0.4-0.5)	0 (0-0.1)	0.1 (-2.1-2.7)	0 (0-0)	-2.7 (-8.8-3.9)	0 (0-0)	-3.2 (-20.4-18.5)	0 (0-0)	-10.7 (-13.5--7.6)
Misamis Oriental	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.4-0.4)	0 (0-0.1)	0.3 (-1.7-2.2)	0 (0-0)	-3.6 (-8.6-2)	0 (0-0)	-4.9 (-19.9-12.3)	0 (0-0)	-10 (-12.5--7.3)
Mountain Province	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.3-0.4)	0 (0-0.1)	0.7 (-1-2.8)	0 (0-0)	-3.4 (-8.5-1.7)	0 (0-0)	4.7 (-12.4-23.1)	0 (0-0)	-10.3 (-12.7--7.9)
National Capital Region	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.3-0.3)	0 (0-0.1)	-0.3 (-1.8-1.2)	0 (0-0)	-4.2 (-9.2-0.5)	0 (0-0)	-9.4 (-23.9-6)	0 (0-0)	-13.3 (-16.1--10.8)
Negros Occidental	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.4-0.3)	0 (0-0.1)	0 (-1.9-1.8)	0 (0-0)	-4.2 (-9.2-0.6)	0 (0-0)	-4.7 (-21-12.3)	0 (0-0)	-12.9 (-15.3--10.5)
Negros Oriental	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.4-0.4)	0 (0-0.1)	0.1 (-2.3-2.3)	0 (0-0)	-3.4 (-8.6-2.4)	0 (0-0)	-3 (-20.3-13.8)	0 (0-0)	-12.8 (-15.4--10.4)
Northern Samar	0 (0-0.1)	0.1 (0-0)	0 (0-0.1)	0.1 (-0.4-0.5)	0 (0-0.1)	-0.2 (-2.6-2.2)	0 (0-0)	-0.1 (-6.2-6.4)	0 (0-0)	-3.2 (-22-21.1)	0 (0-0)	-9.8 (-12.8--7)
Nueva Ecija	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.3-0.3)	0 (0-0.1)	-0.1 (-1.8-1.4)	0 (0-0)	-4.4 (-9.4-0)	0 (0-0)	-1.5 (-15.9-17.1)	0 (0-0)	-12 (-14.7--9.9)
Nueva Vizcaya	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.4-0.3)	0 (0-0.1)	0.1 (-1.6-1.9)	0 (0-0)	-5 (-11.3-0.5)	0 (0-0)	-7.6 (-23-8.3)	0 (0-0)	-13.1 (-15.9--10.4)
Occidental Mindoro	0 (0-0.1)	0.1 (0-0)	0 (0-0.1)	0 (-0.5-0.3)	0 (0-0.1)	0 (-2-1.8)	0 (0-0)	-5.4 (-10--0.2)	0 (0-0)	-8.5 (-24.1-8.8)	0 (0-0)	-12.1 (-14.3--9.8)
Oriental Mindoro	0 (0-0.1)	0.1 (0-0)	0 (0-0.1)	0 (-0.5-0.4)	0 (0-0.1)	0.2 (-2-2.5)	0 (0-0)	-4 (-9.2-1.9)	0 (0-0)	-8.9 (-24.3-8.7)	0 (0-0)	-13.2 (-15.7--10.7)
Palawan	0 (0-0.1)	1 (0-0)	0 (0-0.1)	1 (-0.4-0.4)	0 (0-0.1)	1.1 (-2.1-2.6)	0 (0-0)	-1.1 (-8.1-4.3)	0 (0-0)	-7.5 (-26-14)	0 (0-0)	-9.6 (-13.3--7.2)
Pampanga	0 (0-0.1)	0.5 (0-0)	0 (0-0.1)	0.6 (-0.3-0.4)	0 (0-0.1)	0.6 (-1.7-2.3)	0 (0-0)	-3.6 (-9-1.3)	0 (0-0)	-4 (-22.7-15.9)	0 (0-0)	-12 (-15.1--9.4)
Pangasinan	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.4-0.3)	0 (0-0.1)	0 (-1.9-2)	0 (0-0)	-5.6 (-10.6--0.3)	0 (0-0)	-7.5 (-25.6-12.1)	0 (0-0)	-12 (-14.7--9.6)
Quezon	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.3-0.3)	0 (0-0.1)	0 (-1.9-1.6)	0 (0-0)	-3.2 (-8.3-1.6)	0 (0-0)	-3.7 (-20.6-17.3)	0 (0-0)	-11.8 (-14.2--9.6)
Quirino	0 (0-0.1)	0 (0-0)	0 (0-0.1)	-0.1 (-0.4-0.4)	0 (0-0.1)	0.2 (-1.7-2.4)	0 (0-0)	-7.1 (-12.5--0.6)	0 (0-0)	-6.3 (-19.6-13.8)	0 (0-0)	-15.7 (-18.5--12.7)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Rizal	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.3-0.4)	0 (0-0.1)	-0.3 (-2.3-1.8)	0 (0-0)	-1.2 (-6.7-3.8)	0 (0-0)	-10.8 (-26.1-5.2)	0 (0-0)	-9.6 (-12.5--7.2)
Romblon	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.5-0.3)	0 (0-0.1)	0.2 (-1.7-2.2)	0 (0-0)	-2.9 (-8.5-2)	0 (0-0)	-9.4 (-26.6-7.8)	0 (0-0)	-12.6 (-15.1--10.5)
Samar (Western Samar)	0 (0-0.1)	-0.7 (0-0)	0 (0-0.1)	-0.7 (-0.8-0.4)	0 (0-0.1)	-1.1 (-4.2-2.2)	0 (0-0)	-1.1 (-9.9-6.9)	0 (0-0)	0 (-22.7-23.6)	0 (0-0)	-11.8 (-15.8--8.2)
Sarangani	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.2-0.4)	0 (0-0.1)	-0.2 (-2.2-1.6)	0 (0-0)	-4.5 (-10-0.1)	0 (0-0)	-2.5 (-18.5-10.6)	0 (0-0)	-12.1 (-14.9--9.7)
Siquijor	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.3-0.3)	0 (0-0.1)	0.4 (-1-2.1)	0 (0-0)	-4.5 (-8.5-0.4)	0 (0-0)	-0.4 (-15.8-15.3)	0 (0-0)	-11.1 (-13.2--8.8)
Sorsogon	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.3-0.3)	0 (0-0.1)	-0.2 (-2-1.4)	0 (0-0)	-1.1 (-6.1-3)	0 (0-0)	-1.7 (-18.1-15.1)	0 (0-0)	-10.9 (-13.4--8.6)
South Cotabato	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.3-0.4)	0 (0-0.1)	0.2 (-1.7-2.1)	0 (0-0)	-5.2 (-10.2--0.4)	0 (0-0)	-2.1 (-20.9-14)	0 (0-0)	-12.6 (-15.1--10)
Southern Leyte	0 (0-0.1)	-0.8 (0-0)	0 (0-0.1)	-0.8 (-0.6-0.3)	0 (0-0.1)	-0.7 (-2.8-2)	0 (0-0)	-4 (-10.7-1.6)	0 (0-0)	0.3 (-17.2-20.2)	0 (0-0)	-12.3 (-15.6--9.2)
Sultan Kudarat	0 (0-0.1)	0.3 (0-0)	0 (0-0.1)	0.2 (-0.4-0.2)	0 (0-0.1)	0.5 (-1.4-1.7)	0 (0-0)	-3.9 (-8.6-0.2)	0 (0-0)	-5.2 (-21-12.1)	0 (0-0)	-10.9 (-13.3--9)
Sulu	0 (0-0.1)	0.8 (0-0)	0 (0-0.1)	0.7 (-0.6-0.8)	0 (0-0.1)	0.2 (-2.9-4)	0 (0-0)	-3.1 (-10-8)	0 (0-0)	-2.5 (-24.8-29.3)	0 (0-0)	-1.8 (-5.6-3.7)
Surigao Del Norte	0 (0-0.1)	-0.1 (0-0)	0 (0-0.1)	0 (-0.4-0.4)	0 (0-0.1)	0.2 (-2.1-2.4)	0 (0-0)	-4.2 (-11.6-1.6)	0 (0-0)	-6.4 (-23.4-13.9)	0 (0-0)	-11 (-14.4--8.2)
Surigao Del Sur	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.4-0.4)	0 (0-0.1)	0 (-2.3-2)	0 (0-0)	-4.4 (-9.5-0.6)	0 (0-0)	-6.6 (-23.1-11.7)	0 (0-0)	-13.4 (-15.7--11)
Tarlac	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.3-0.2)	0 (0-0.1)	-0.1 (-1.8-1.6)	0 (0-0)	-4.8 (-9.8--0.2)	0 (0-0)	-5.5 (-20.1-9)	0 (0-0)	-13.2 (-15.7--10.8)
Tawi-Tawi	0 (0-0.1)	0.3 (0-0)	0 (0-0.1)	0.2 (-0.4-0.3)	0 (0-0.1)	0.3 (-1.6-1.5)	0 (0-0)	-2 (-6.4-1.8)	0 (0-0)	-10.1 (-21.6-3.4)	0 (0-0.1)	-7.1 (-9.4--5.3)
Zambales	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.4-0.4)	0 (0-0.1)	0.1 (-1.8-2)	0 (0-0)	-3 (-8.5-1.8)	0 (0-0)	-14.1 (-27.3-1.6)	0 (0-0)	-10.6 (-13.3--8.3)
Zamboanga Del Norte	0 (0-0.1)	-1 (0-0)	0 (0-0.1)	-1 (-0.6-0.3)	0 (0-0.1)	-1.1 (-3-2)	0 (0-0)	-3.6 (-9.1-3)	0 (0-0)	-9.9 (-27-8.7)	0 (0-0)	-11.6 (-13.9--8.1)
Zamboanga Del Sur	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.3-0.3)	0 (0-0.1)	-0.1 (-1.6-1.4)	0 (0-0)	-2.6 (-6.4-1.4)	0 (0-0)	-4.7 (-20.6-14.1)	0 (0-0)	-11.4 (-13.4--9.4)
Zamboanga Sibugay	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.3-0.3)	0 (0-0.1)	0.1 (-1.6-1.9)	0 (0-0)	-2.6 (-7.4-2.4)	0 (0-0)	-5.8 (-21.5-12.7)	0 (0-0)	-10.1 (-12.3--7.8)
Seychelles	0 (0-0.1)	3.2 (0-85.5)	0 (0-0.1)	3.2 (-0.2-85.5)	0 (0-0.1)	3.4 (-0.8-85.8)	0 (0-0)	-7.4 (-14.7-80.6)	0 (0-0)	23.4 (1.6-381)	0 (0-0)	-16.8 (-21.8-56.1)
Sri Lanka	0 (0-0.1)	0.5 (0-0)	0 (0-0.1)	0.5 (-0.2-0.2)	0 (0-0.1)	0.4 (-1.3-1)	0 (0-0)	-3.9 (-8.4--0.5)	0 (0-0)	-12.6 (-24.3--1.4)	0 (0-0)	-14.8 (-17.3--13.2)
Thailand	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (-0.3-0.2)	0 (0-0.1)	-0.2 (-1.5-1.3)	0 (0-0)	-9.4 (-13.5--4.8)	0 (0-0)	-7 (-19.9-6.6)	0 (0-0)	-30.7 (-33.1--28.2)
Timor-Leste	0 (0-0.1)	2.2 (0-1240)	0 (0-0.1)	2.1 (-0.5-1230)	0 (0-0.1)	1.7 (-2.8-1200)	0 (0-0)	8.1 (-0.9-1210)	0 (0-0)	-14.9 (-30.4-785)	0 (0-0)	-4.6 (-9.7-1100)
Viet Nam	0 (0-0.1)	0.9 (0-0)	0 (0-0.1)	0.9 (-0.3-0.5)	0 (0-0.1)	1.2 (-1-2.1)	0 (0-0)	-9.7 (-15.2--5.6)	0 (0-0)	19.1 (1.8-39.4)	0 (0-0)	-21.6 (-25.1--19)
Sub-Saharan Africa	783 (632-975)	-1.9 (-4.8-0.9)	736 (593-917)	0 (-2.9-2.7)	513 (412-652)	7.4 (4.5-10.3)	217 (168-278)	8.9 (5.7-12.4)	1.4 (0.9-2.3)	21.7 (15.1-28.2)	352 (287-436)	0.2 (-2.5-2.9)
Central Sub-Saharan Africa	1,360 (1,150-1,580)	0.6 (-4.8-6.1)	1,280 (1,080-1,500)	0.3 (-5-6)	835 (680-1,010)	0.2 (-5.8-6.8)	323 (252-415)	1.4 (-5.6-8.9)	2.2 (1.3-3.5)	11.4 (-4.7-31.7)	579 (486-689)	-5.6 (-11.2-0)
Angola	1,180 (971-1,440)	-2.7 (-10.7-6)	1,110 (917-1,350)	-3 (-11.1-5.6)	728 (582-912)	-3 (-11.3-5.2)	282 (220-368)	-2.2 (-11.8-7.5)	2 (1.1-3.1)	-0.2 (-16.2-20.9)	525 (430-649)	-5.8 (-13.5-2)
Central African Republic	880 (743-1,060)	0 (-7.4-7.2)	826 (699-997)	-0.2 (-7.3-7)	528 (427-644)	-1 (-7.4-6.6)	189 (145-242)	-0.4 (-9.2-9.5)	1 (0.6-1.7)	9 (-11.4-33.2)	359 (299-435)	-5.4 (-11.1-2.2)
Congo	525 (435-622)	-4.8 (-12.2-2.7)	497 (412-590)	-5 (-12.2-2.1)	345 (284-419)	-4.8 (-12.6-2.3)	124 (97.5-160)	-14 (-21.4--6.3)	0.8 (0.4-1.3)	11.4 (-8.2-36)	210 (175-254)	-14.8 (-21.3--8.2)
Democratic Republic of the Congo	1,520 (1,270-1,750)	2.1 (-5.5-9.4)	1,420 (1,190-1,650)	1.8 (-5.5-9)	926 (753-1,120)	1.6 (-6.4-10.3)	360 (278-462)	2.2 (-6.8-11.8)	2.4 (1.4-3.9)	14.6 (-6.5-43.3)	639 (536-761)	-5.3 (-12.1-2.2)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Equatorial Guinea	1,290 (1,030-1,600)	-1.1 (-10.2-8.7)	1,210 (967-1,510)	-1.4 (-10.3-8.3)	792 (629-1,010)	-2.9 (-11-6.4)	324 (245-430)	-1.1 (-10.3-9.7)	2 (1.1-3.2)	16.5 (-6.7-44.7)	529 (427-663)	-15.4 (-23.1--7.2)
Gabon	703 (550-892)	-4.7 (-13-6.2)	668 (526-849)	-4.8 (-13-5.8)	477 (373-607)	-5.3 (-13.1-4)	187 (142-240)	-7.5 (-16.2-1.9)	1.2 (0.7-2)	22.9 (0.8-51.1)	275 (218-345)	-17.3 (-24.3--9.2)
Eastern Sub-Saharan Africa	329 (266-401)	-2.8 (-5.8-0.2)	311 (254-384)	-2.8 (-5.6-0.1)	207 (167-261)	-2.2 (-5.1-0.7)	70.7 (54.3-91.7)	-5 (-8.2--1.7)	0.2 (0.1-0.4)	16.2 (6.8-26.2)	138 (113-170)	-9.8 (-12.2--7.1)
Burundi	52.8 (41.7-69.8)	-10.8 (-24.6-1.5)	48.9 (38.6-64.4)	-10.9 (-24.7-0.8)	30.4 (23.3-40)	-9.4 (-22.8-2.9)	9.9 (7.2-13.2)	-8.8 (-22.6-3.3)	0 (0-0.1)	-2.7 (-26.6-26)	21.4 (16.9-27.6)	-12.6 (-25.5--1.8)
Comoros	0 (0-0.1)	1.3 (0-25)	0 (0-0.1)	1.2 (-1.2-25.3)	0 (0-0.1)	0.2 (-7.4-27.2)	0 (0-0)	-7.7 (-19.2-17.3)	0 (0-0)	9.1 (-24.7-52.8)	0 (0-0)	-18 (-24.7-3.9)
Djibouti	17.7 (12.5-24.6)	-1.3 (-12.2-8)	16.5 (11.7-23)	-1.6 (-12.2-7.8)	10.9 (8-15.1)	-0.7 (-10.5-8.3)	3.3 (2.4-4.3)	-16.3 (-25.2--6.8)	0 (0-0)	-6.5 (-29.6-22.3)	6.2 (4.6-8.4)	-16.5 (-24.6--8.9)
Eritrea	19.9 (14-27.5)	-0.1 (-9-11.8)	18.4 (13.1-25.6)	-0.4 (-9.2-10.9)	11.4 (8.4-15.7)	-1.6 (-10.3-8.6)	3.6 (2.6-5)	-4.3 (-14.8-7.5)	0 (0-0)	-1.5 (-25.8-34)	7.2 (5.3-9.7)	-13.6 (-20.9--4.9)
Ethiopia	0.1 (0.1-0.2)	-6.2 (-48.3-43.4)	0.1 (0.1-0.2)	-6.6 (-48.6-42.7)	0.1 (0-0.1)	-7.7 (-49.6-42.4)	0 (0-0)	-11.5 (-51.8-32.5)	0 (0-0)	-5 (-49.5-42.2)	0.1 (0-0.1)	-15.4 (-53.5-30.5)
Addis Ababa	0.1 (0.1-0.2)	-8.4 (-54.2-47)	0.1 (0.1-0.2)	-9.2 (-55.3-44.6)	0.1 (0-0.2)	-9.5 (-56.4-42.7)	0 (0-0)	-34.1 (-67.2-7.8)	0 (0-0)	-13.3 (-53.9-60.4)	0 (0-0.1)	-31.8 (-66.3-9.5)
Afar	0.2 (0.1-0.3)	-7.4 (-51.4-52.9)	0.1 (0.1-0.3)	-7.1 (-51-54)	0.1 (0-0.1)	-6.1 (-49.7-56.6)	0 (0-0)	-9.2 (-47.2-52.4)	0 (0-0)	5.2 (-40.4-138)	0.1 (0-0.1)	-10.8 (-52.4-49.5)
Amhara	0.1 (0.1-0.2)	-6.6 (-50.7-46.4)	0.1 (0.1-0.2)	-7 (-51.1-45.7)	0.1 (0-0.1)	-7.7 (-52.7-45.4)	0 (0-0)	-12.1 (-54.4-34.5)	0 (0-0)	-6.9 (-54.3-46.7)	0.1 (0-0.1)	-19.3 (-58.6-27.1)
Benishangul-Gumuz	0.2 (0.1-0.3)	-6.8 (-53.3-52.9)	0.1 (0.1-0.2)	-7.2 (-53.7-52.5)	0.1 (0-0.1)	-8.1 (-54-47.4)	0 (0-0)	-12.2 (-57.6-43.2)	0 (0-0)	5.2 (-39.6-125)	0.1 (0-0.1)	-17.2 (-58.4-34.8)
Dire Dawa	0.1 (0.1-0.2)	-6.6 (-53.1-47.9)	0.1 (0.1-0.2)	-7 (-53.9-46.4)	0.1 (0-0.1)	-7.6 (-54.7-46.6)	0 (0-0)	-17.7 (-59.1-27.1)	0 (0-0)	-4.9 (-55.8-59.1)	0 (0-0.1)	-21.3 (-60.8-24.4)
Gambella	0.1 (0.1-0.2)	-6.5 (-48.3-43.8)	0.1 (0.1-0.2)	-6.7 (-48.5-43.7)	0.1 (0-0.1)	-8 (-49.7-42.2)	0 (0-0)	-10.4 (-53.6-33.5)	0 (0-0)	17.2 (-48.2-87.4)	0 (0-0.1)	-21.9 (-57.5-19.6)
Harari	0.1 (0.1-0.2)	-6.6 (-53.1-46.5)	0.1 (0.1-0.2)	-7.1 (-53.2-45.5)	0.1 (0-0.1)	-8.4 (-52.9-41.8)	0 (0-0)	-15.9 (-58.6-27.3)	0 (0-0)	-5.7 (-56.8-52.2)	0 (0-0.1)	-21.5 (-59.7-22.1)
Oromia	0.1 (0.1-0.2)	-6.2 (-53.1-48)	0.1 (0.1-0.2)	-6.6 (-53.6-46.6)	0.1 (0-0.1)	-7.9 (-53-48.1)	0 (0-0)	-8.9 (-53.3-48.1)	0 (0-0)	-5.1 (-54.2-62.9)	0.1 (0-0.1)	-12.9 (-55.5-39.5)
Somali	0.1 (0.1-0.3)	-5.6 (-53.1-57.2)	0.1 (0.1-0.2)	-5.2 (-52.3-59.7)	0.1 (0-0.1)	-3.2 (-49.4-68.6)	0 (0-0)	-13.7 (-53.8-52.6)	0 (0-0)	8.8 (-40.3-126)	0.1 (0-0.1)	-8.8 (-52.6-57.2)
Southern Nations, Nationalities, and Peoples	0.1 (0.1-0.3)	-6.1 (-50.1-47.9)	0.1 (0.1-0.2)	-6.5 (-50.5-46.1)	0.1 (0-0.1)	-8.5 (-51.5-42.5)	0 (0-0)	-8.4 (-51.4-37.1)	0 (0-0)	-5.8 (-55.7-56.2)	0.1 (0-0.1)	-15.9 (-55-31.2)
Tigray	0.1 (0.1-0.2)	-6.5 (-50.6-48)	0.1 (0.1-0.2)	-6.8 (-50.9-46.5)	0.1 (0-0.1)	-8.2 (-52.3-42.3)	0 (0-0)	-13.1 (-55.2-32.4)	0 (0-0)	-5.4 (-55.5-55.2)	0.1 (0-0.1)	-20.1 (-58.2-24.3)
Kenya	1,250 (900-1,710)	1.6 (-0.6-3.9)	1,170 (844-1,610)	2 (-0.1-4.3)	779 (573-1,050)	0.3 (-1.6-2.4)	237 (174-322)	-9.8 (-11.8--7.8)	0.6 (0.3-1)	2.6 (-2-7)	461 (341-612)	-14 (-15.9--12.2)
Baringo	1,120 (783-1,580)	2.4 (-9.9-15.8)	1,050 (730-1,500)	2.3 (-9.9-15.7)	669 (481-925)	0.6 (-10-13)	216 (156-299)	-4.9 (-14.6-6.3)	0.6 (0.3-1)	-1.4 (-19.6-21.5)	431 (316-583)	-13 (-21.8--3.3)
Bomet	1,060 (754-1,490)	3 (-7.1-15.1)	1,010 (718-1,420)	3 (-6.7-14.5)	741 (534-1,020)	1.4 (-7.9-11.9)	249 (181-342)	-8.8 (-17.1-0.7)	0.6 (0.3-0.9)	10.2 (-12.3-39.9)	449 (326-605)	-15.6 (-23.3--7)
Bungoma	1,280 (913-1,810)	2.9 (-8.7-14.8)	1,200 (848-1,700)	2.6 (-8.4-14.2)	782 (570-1,070)	0.9 (-9.1-11.8)	269 (196-371)	-3 (-12.9-8)	0.7 (0.4-1.1)	-9.8 (-27.5-11.1)	523 (385-708)	-8.9 (-17.7-0.3)
Busia	1,660 (1,130-2,320)	2.6 (-10.4-13.8)	1,550 (1,070-2,190)	2.5 (-9.9-13.3)	994 (710-1,370)	1.2 (-10.9-11.7)	312 (227-427)	-5 (-15.5-6.5)	0.7 (0.4-1.2)	6.4 (-14.8-35)	650 (473-885)	-9.9 (-20.3--1)
Elgeyo-Marakwet	1,070 (744-1,510)	3.1 (-6.8-16.3)	1,020 (709-1,440)	2.9 (-6.9-16.2)	707 (499-998)	1 (-8.5-13.2)	232 (170-326)	-6.5 (-15.5-4.9)	0.5 (0.2-0.8)	-17.1 (-32.7-2.6)	417 (303-571)	-16.9 (-24.6--7.3)
Embu	987 (696-1,400)	1.5 (-10.4-14.7)	934 (661-1,330)	1.4 (-10.4-14.1)	652 (467-899)	0.3 (-10.2-11.8)	198 (145-273)	-15.8 (-24.4--5.6)	0.6 (0.3-1)	4.8 (-15.6-29.6)	321 (237-430)	-24.5 (-32.8--16)
Garissa	1,070 (754-1,500)	2.4 (-7.3-13.9)	1,010 (714-1,420)	2.6 (-7.5-13.2)	671 (491-932)	1.4 (-7.4-11.7)	230 (164-316)	-2.3 (-11.3-7.2)	0.7 (0.3-1.1)	-3.4 (-22.1-19.3)	476 (349-652)	-3.9 (-11.9-5.3)
Homa Bay	2,110 (1,500-2,890)	1.7 (-11.1-13.3)	1,970 (1,400-2,710)	1.5 (-11.2-12.4)	1,240 (900-1,720)	1.1 (-9.7-10.8)	365 (264-504)	-4.7 (-14.2-5.2)	0.6 (0.3-0.9)	6.7 (-14.8-32.6)	820 (604-1,110)	-7.6 (-17.2-1.4)
Isiolo	1,170 (831-1,620)	2.3 (-9.1-14.7)	1,090 (773-1,510)	2.1 (-9.2-13.7)	664 (483-907)	0.4 (-9.3-9.9)	192 (137-265)	-5.8 (-14.8-3.8)	0.5 (0.3-0.9)	-3.5 (-20.9-18.1)	413 (304-555)	-12.7 (-20.7--4.8)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Kajiado	1,040 (739-1,460)	2 (-8.5-14.5)	987 (698-1,390)	1.9 (-8.5-14)	701 (504-978)	-0.1 (-10-11.9)	208 (150-284)	-14.8 (-22.8--6.2)	0.7 (0.3-1.1)	16.1 (-7.6-43.6)	388 (283-523)	-19.4 (-27--10.8)
Kakamega	1,370 (985-1,890)	2.4 (-10.8-15)	1,280 (917-1,760)	2.3 (-10.6-14.7)	817 (600-1,120)	1.5 (-9.2-13)	251 (183-346)	-9.1 (-18.2-1.4)	0.6 (0.3-1.1)	11.4 (-10.1-40.4)	512 (380-684)	-14.7 (-23.9--4.4)
Kericho	1,050 (754-1,450)	2.6 (-9.3-13.8)	996 (714-1,360)	2.3 (-9.2-13.1)	697 (508-955)	0.6 (-9.5-11)	224 (166-304)	-13.5 (-22.4--4.9)	0.6 (0.3-1)	-13.9 (-29.5-5.4)	406 (299-541)	-19.2 (-27.3--11)
Kiambu	1,030 (731-1,440)	1.7 (-9.3-15.1)	974 (690-1,360)	1.5 (-9.6-14.6)	688 (496-939)	0.3 (-9.8-12.3)	188 (137-254)	-19.1 (-27--9.8)	0.6 (0.3-1.1)	9.1 (-12.3-34.5)	335 (244-442)	-22.4 (-29.6--13.6)
Kilifi	1,150 (865-1,530)	8.4 (-1.5-17.9)	1,080 (812-1,450)	8.1 (-1.7-17.6)	718 (551-957)	4.9 (-4.7-14.2)	241 (179-325)	-2.4 (-12.3-7.5)	0.6 (0.3-1.1)	-3 (-21.2-20.1)	452 (352-586)	-6.2 (-14.5-2.2)
Kirinyaga	1,020 (720-1,450)	3.1 (-6.8-17.7)	958 (678-1,370)	3 (-7-17.2)	657 (473-921)	1.7 (-8.6-13.5)	180 (131-251)	-19.6 (-27.9--11.6)	0.7 (0.4-1.1)	12.1 (-9.7-40.9)	296 (217-402)	-26.6 (-33.5--18.3)
Kisii	1,410 (997-1,960)	1.7 (-9.3-12.4)	1,320 (939-1,840)	1.4 (-9.7-11.8)	862 (623-1,180)	-0.3 (-11.5-10.4)	274 (198-377)	-9.8 (-19.8-0.1)	0.6 (0.3-1.1)	-16.4 (-33-2.8)	484 (357-643)	-22.3 (-31.5--14.3)
Kisumu	2,440 (1,910-3,150)	0.5 (-8.6-9.7)	2,220 (1,750-2,870)	0.6 (-8.2-9.6)	1,280 (981-1,670)	-1.5 (-10.7-7.7)	329 (244-446)	-11.2 (-19.8--1.4)	0.5 (0.3-0.8)	-4.2 (-26-20.6)	741 (585-952)	-18.2 (-25.1--10.7)
Kitui	1,050 (755-1,490)	2 (-8.7-13.4)	990 (708-1,400)	1.9 (-8.8-13.1)	675 (491-927)	0.3 (-9.5-11.6)	226 (166-305)	-7 (-16.3-3.1)	0.5 (0.3-0.9)	7.9 (-11.1-35.7)	410 (300-553)	-15.7 (-23.5--6.5)
Kwale	1,460 (1,010-2,050)	1.8 (-10.4-15.2)	1,370 (950-1,920)	1.8 (-10.6-15.1)	894 (644-1,240)	0.2 (-10.5-11.9)	282 (203-389)	-4.4 (-15.5-5.8)	0.7 (0.4-1.1)	-7.9 (-25.4-16.5)	558 (405-753)	-10.5 (-19.8--0.6)
Laikipia	1,020 (706-1,400)	2.7 (-8.4-16.2)	969 (678-1,330)	2.5 (-8.1-15.9)	707 (511-961)	0.8 (-9.8-13.1)	221 (163-306)	-12.5 (-21.7--3.1)	0.6 (0.3-1)	6 (-15.1-31.1)	381 (278-510)	-20.6 (-28.5--11.3)
Lamu	1,080 (769-1,500)	2 (-10.1-13)	1,010 (715-1,420)	1.9 (-9.4-12.6)	655 (476-896)	0.5 (-10.6-11.2)	197 (143-270)	-9.3 (-18.5-0.2)	0.6 (0.3-1)	1.4 (-17.8-25)	366 (269-491)	-15.9 (-24.5--7.8)
Machakos	1,000 (703-1,390)	2.2 (-8.4-14.8)	948 (664-1,310)	2 (-8.3-14.4)	663 (480-913)	0.8 (-8.8-12)	200 (146-273)	-18.8 (-27.6--9.6)	0.6 (0.3-0.9)	-3.8 (-22.3-18.6)	334 (248-448)	-25.6 (-32.5--17.6)
Makueni	1,070 (744-1,480)	1.8 (-7.9-13.7)	1,010 (703-1,400)	1.8 (-7.8-13.4)	714 (510-974)	0.3 (-8.7-10.4)	228 (167-309)	-8.7 (-18-0.7)	0.5 (0.2-0.8)	16.4 (-6.9-42.9)	406 (295-545)	-18.5 (-25.3--10.5)
Mandera	1,120 (792-1,560)	2.1 (-8.9-15.9)	1,050 (749-1,470)	2.5 (-8.6-15.4)	667 (485-915)	0.2 (-9-12)	236 (171-323)	6.5 (-3.7-18.7)	0.7 (0.3-1.1)	3.9 (-18.9-28.4)	473 (348-634)	-7.9 (-16.4-2.9)
Marsabit	1,080 (765-1,490)	1.6 (-8.3-13.1)	1,010 (723-1,410)	1.7 (-7.7-13.5)	672 (491-922)	0.6 (-9.3-11.5)	223 (162-304)	-1.6 (-11.1-8.8)	0.6 (0.3-1)	10.2 (-12.6-40.8)	439 (323-586)	-9.1 (-17.6--0.1)
Meru	1,030 (715-1,410)	2.3 (-7.2-16.1)	970 (666-1,330)	2.1 (-7.1-15.7)	661 (478-903)	0.2 (-8.5-11.7)	202 (148-278)	-13.9 (-22.4--3.8)	0.6 (0.3-0.9)	1.3 (-18-25.9)	338 (249-452)	-23.3 (-30.3--14.5)
Migori	2,040 (1,430-2,860)	3.1 (-8-15.8)	1,900 (1,350-2,670)	2.9 (-7.9-14.9)	1,170 (851-1,630)	1.7 (-8.4-12.7)	356 (254-493)	-2.1 (-12.2-8.5)	0.7 (0.4-1.2)	13.4 (-9.7-40)	827 (606-1,120)	-3.2 (-12.4-6.9)
Mombasa	1,250 (892-1,720)	1.8 (-9.3-13.5)	1,180 (839-1,630)	1.5 (-9.3-12.8)	816 (598-1,120)	0.5 (-9-10.6)	226 (168-311)	-14.2 (-23.3--4.7)	0.8 (0.4-1.3)	-1.7 (-22.5-21.4)	424 (317-575)	-11.5 (-19.8--2.8)
Murang'a	989 (704-1,370)	1.9 (-7.8-13.5)	939 (665-1,310)	1.9 (-8-13.6)	666 (483-912)	0.8 (-8.3-11.6)	198 (145-269)	-17.9 (-26--9.3)	0.6 (0.3-1)	11.5 (-8.8-36.6)	300 (221-401)	-30.6 (-36.9--23.5)
Nairobi	1,070 (755-1,490)	2.4 (-9.1-14.7)	1,010 (718-1,420)	2.1 (-9.2-14.4)	712 (514-975)	0.9 (-9.8-11.1)	188 (136-259)	-17.3 (-25.6--8.7)	0.7 (0.4-1.2)	-5.8 (-23.7-16.1)	351 (256-474)	-13.9 (-22.6--5.6)
Nakuru	1,010 (717-1,390)	1.7 (-9.8-12.7)	958 (676-1,320)	1.6 (-9.9-12.4)	685 (497-931)	-0.1 (-10.2-9.5)	216 (158-296)	-13.2 (-21.7--3.8)	0.6 (0.3-1)	2.1 (-16.8-26.6)	371 (276-498)	-21 (-28.6--13.2)
Nandi	1,090 (769-1,510)	1.9 (-7.9-11.5)	1,030 (725-1,440)	1.8 (-8.1-11.4)	734 (531-1,010)	0.4 (-9.2-10.1)	242 (176-329)	-9 (-17.8-0.2)	0.6 (0.3-1)	4.7 (-16.3-32)	427 (314-578)	-17.2 (-25.2--9.5)
Narok	1,110 (779-1,540)	2.1 (-8.3-15.5)	1,050 (745-1,460)	2.2 (-8.1-15.2)	742 (533-1,020)	1 (-9.2-12.3)	235 (173-320)	-6.9 (-15.9-2.3)	0.6 (0.3-1)	29.7 (6.5-58.5)	491 (359-659)	-11.9 (-19.8--2.3)
Nyamira	1,250 (866-1,780)	1.3 (-9.3-13.1)	1,190 (821-1,690)	1.2 (-9.2-12.8)	854 (607-1,170)	0 (-9.8-10.4)	261 (192-359)	-8.7 (-16.8-0.7)	0.6 (0.3-1)	22.5 (-2-52.7)	483 (348-647)	-16.4 (-23.8--7.9)
Nyandarua	1,060 (741-1,500)	2.5 (-6.5-10.5)	1,010 (711-1,430)	2.4 (-6.2-10.5)	718 (517-978)	0.2 (-8.2-8.2)	216 (159-293)	-10.6 (-18.6--2.2)	0.6 (0.3-1)	12.1 (-9.7-43.2)	376 (276-502)	-23.9 (-29.8--17.1)
Nyeri	1,040 (727-1,440)	2.1 (-9.6-13.5)	986 (693-1,360)	2 (-9.6-13.1)	703 (507-958)	0.6 (-9.3-10.7)	194 (140-267)	-18.2 (-26.5--9.9)	0.5 (0.3-0.9)	11.4 (-10.5-39.4)	303 (221-406)	-29.4 (-36.3--22.5)
Samburu	1,100 (769-1,570)	2.9 (-8.1-16.3)	1,040 (732-1,490)	2.9 (-8-16)	728 (517-1,000)	1 (-9.2-12.7)	233 (169-325)	-4.5 (-13.4-5.6)	0.5 (0.3-0.9)	13.7 (-7.8-43.1)	485 (350-661)	-9.6 (-18.7-0.8)
Siaya	1,920 (1,350-2,650)	1.4 (-9.8-13.6)	1,780 (1,260-2,480)	1.2 (-9.9-13.6)	1,110 (812-1,530)	1.1 (-9.1-12.4)	338 (244-468)	-6.3 (-16.3-4.5)	0.5 (0.3-0.9)	-10.7 (-28.7-11.5)	688 (507-920)	-11.8 (-20.5--2.4)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Taita Taveta	1,120 (786-1,560)	2.2 (-10.1-14.6)	1,050 (747-1,480)	2.1 (-9.8-14.5)	716 (523-991)	0.9 (-10.9-12.5)	201 (147-274)	-16.6 (-26--7.4)	0.5 (0.3-0.9)	3 (-17.9-32.4)	346 (258-467)	-23.2 (-31.9--15)
Tana River	1,220 (861-1,680)	2.6 (-8.4-14.3)	1,140 (803-1,580)	2.6 (-8.1-13.9)	738 (534-1,020)	1.4 (-8.6-11.9)	236 (171-319)	0.6 (-10.1-10.8)	0.5 (0.2-0.8)	3 (-18-29.2)	507 (369-687)	-3.1 (-12.4-6.2)
Tharaka Nithi	1,070 (764-1,490)	1.8 (-8.8-14.8)	1,000 (717-1,400)	1.7 (-8.8-14.1)	676 (487-927)	-0.2 (-9.3-11)	216 (156-298)	-6 (-15.3-4)	0.5 (0.3-0.9)	36.7 (8.5-68.8)	381 (282-507)	-14.6 (-22.2--5.1)
Trans Nzoia	1,150 (814-1,590)	2 (-8.2-13.6)	1,080 (770-1,500)	1.9 (-8.3-13.7)	750 (540-1,020)	0 (-9.4-11.1)	250 (180-343)	-7.9 (-16.7-2.6)	0.6 (0.3-1)	-2.1 (-22.4-23.1)	450 (327-601)	-17.6 (-25.2--8.3)
Turkana	1,190 (841-1,640)	2.2 (-10.3-14.2)	1,120 (796-1,550)	2.1 (-10-14.2)	745 (538-1,010)	1.2 (-10-12.7)	245 (180-339)	-1.4 (-11.5-8.9)	0.5 (0.2-0.8)	-14.2 (-31.5-6.8)	507 (374-672)	-6.6 (-16.4-3.7)
Uasin Gishu	1,050 (755-1,470)	1.8 (-8.3-15)	994 (710-1,380)	1.7 (-8.1-15.2)	705 (509-977)	0.5 (-9.4-12)	226 (164-308)	-12.4 (-21--3.4)	0.7 (0.4-1.2)	6.5 (-14.1-33)	398 (292-536)	-18.5 (-25.8--9.9)
Vihiga	1,450 (1,020-2,030)	2.3 (-8-17)	1,360 (951-1,920)	2.3 (-7.4-16.7)	890 (646-1,240)	0.6 (-9-12.8)	291 (210-406)	1.3 (-8.6-13.3)	0.6 (0.3-0.9)	10.6 (-11.6-37.8)	508 (373-694)	-14.3 (-22.5--4)
Wajir	1,120 (791-1,570)	2.5 (-10.8-15.3)	1,050 (743-1,480)	2.7 (-10.4-15.6)	663 (486-908)	1.5 (-10-14.6)	227 (164-314)	4 (-6.6-15.8)	0.7 (0.3-1.1)	-3.2 (-22.5-19.2)	488 (360-657)	-1.9 (-13.2-10)
West Pokot	1,150 (811-1,610)	2.2 (-10.2-13.7)	1,080 (761-1,510)	2.2 (-10.2-13.9)	703 (508-978)	0.6 (-9.5-10.1)	238 (172-328)	2.1 (-8.4-12.3)	0.7 (0.3-1.1)	3.3 (-16.5-27.6)	499 (362-671)	-6.6 (-16-2.4)
Madagascar	357 (300-435)	-0.9 (-8.2-6.6)	331 (281-404)	-1.1 (-8.1-6.2)	203 (164-256)	-1.6 (-9.5-6.9)	65.8 (50-86.2)	-3.1 (-12.7-7.6)	0.3 (0.1-0.5)	6.2 (-16.5-35.2)	133 (111-162)	-10.9 (-17.3--4.1)
Malawi	66.4 (55.2-83.1)	0.1 (-8.5-8)	61.3 (51.3-78.2)	-0.4 (-8.4-7.4)	37.3 (29.9-48.5)	-1.2 (-9.2-7.7)	12.6 (9.4-16.7)	-0.5 (-11.1-12.1)	0 (0-0.1)	0.2 (-24.1-31.7)	25 (20.6-31.8)	-9.2 (-16.2--1.6)
Mozambique	8.1 (6.2-10.2)	0.2 (-7.6-8.8)	7.4 (5.8-9.4)	0 (-7.6-8.7)	4.5 (3.4-5.7)	-0.6 (-9.5-8.1)	1.4 (1-1.9)	2.5 (-9.4-15.2)	0 (0-0)	0.4 (-27.5-42.2)	3.2 (2.5-4)	-1.3 (-9.2-7.2)
Rwanda	16.4 (12.3-21.8)	0.1 (-9.2-9.6)	15.2 (11.3-20.2)	0 (-9.3-10.1)	9.3 (7.1-12.4)	0.8 (-8.4-11)	3 (2.2-4)	-7.2 (-16.9-3.8)	0 (0-0)	-3.6 (-28.1-31.8)	5.7 (4.4-7.5)	-15 (-22.7--7.2)
Somalia	0.1 (0-0.4)	4.4 (-55.8-71.9)	0.1 (0-0.3)	4.1 (-55.9-70.8)	0.1 (0-0.2)	3.5 (-57.1-70.7)	0 (0-0.1)	-1.9 (-61.5-61.9)	0 (0-0)	-24 (-76.1-29.6)	0.1 (0-0.1)	1.7 (-57.3-65.6)
South Sudan	21.6 (15.4-29.9)	0 (-10.3-11.6)	19.9 (14.1-27.7)	0.1 (-9.8-11.3)	11.3 (8.3-15.9)	-1.9 (-11.2-9)	3.7 (2.7-5.1)	-1.3 (-12.9-10)	0 (0-0)	8.9 (-18.3-44.1)	8.1 (6-11)	-5.4 (-14.5-4.2)
Uganda	571 (467-663)	-0.2 (-7.8-7.1)	528 (433-615)	-0.5 (-7.9-7)	323 (260-393)	-1 (-9-7.9)	109 (83.9-141)	-2.8 (-11.9-8.4)	0.3 (0.1-0.5)	13.6 (-12.1-45.2)	232 (193-274)	-8.7 (-15.7--1.6)
United Republic of Tanzania	603 (489-715)	0.9 (-7.7-12)	563 (461-668)	0.6 (-7.7-11.1)	368 (299-448)	0.5 (-8.7-10.5)	131 (102-168)	-3.6 (-12.8-7.8)	0.5 (0.2-0.7)	13 (-10.3-40.4)	251 (207-300)	-5.1 (-13.2-4.2)
Zambia	721 (610-905)	0.3 (-8-9.4)	669 (572-844)	0.1 (-8-9.2)	424 (341-541)	-0.3 (-8.1-9.7)	135 (101-178)	-6.4 (-15.4-4.4)	0.4 (0.2-0.6)	10.1 (-11.9-38.6)	280 (234-354)	-10.7 (-17.7--2.9)
Southern Sub-Saharan Africa	4.2 (3.1-5.4)	-3.1 (-11.9-12.3)	3.8 (2.9-5)	-3.1 (-11.8-11.8)	2.6 (2-3.4)	4.1 (-4.7-17.9)	0.8 (0.6-1)	-8.7 (-15.9-0.2)	0 (0-0)	6 (-27.5-36.1)	1.3 (1-1.7)	-12.9 (-19.7--2)
Botswana	38 (30.8-46.6)	0.1 (-8.8-8.8)	36.1 (29.2-44.3)	0.1 (-8.7-8.8)	27.4 (22.2-33.6)	0.4 (-7.8-8.4)	10.7 (8.7-13)	-14.1 (-20.9--7.4)	0.1 (0-0.2)	-1.2 (-42.1-35.8)	15 (12.5-17.9)	-16.9 (-23.3--10.7)
Eswatini	0.2 (0.1-0.3)	-1.2 (-27.6-0.3)	0.2 (0.1-0.3)	0.2 (-25.7-3)	0.1 (0.1-0.2)	2.3 (-24.6-11.2)	0 (0-0.1)	-8.7 (-30.1-9.4)	0 (0-0)	-7.7 (-41.6-36.4)	0.1 (0-0.1)	-13.7 (-35.9--5.6)
Lesotho	0.2 (0.1-0.3)	-2 (-29.9-0)	0.2 (0.1-0.3)	-2 (-29.8-1.8)	0.1 (0.1-0.2)	-2.1 (-29-10.8)	0 (0-0.1)	-11.4 (-34.4-6)	0 (0-0)	-5.8 (-40.6-39.5)	0.1 (0-0.1)	-15.4 (-37.4--3.7)
Namibia	0.1 (0.1-0.2)	-1.6 (-28.6-0)	0.1 (0.1-0.1)	-1.7 (-29-0.8)	0.1 (0-0.1)	-1.7 (-26.5-5.3)	0 (0-0)	-10.3 (-32.2-2.7)	0 (0-0)	9.6 (-25.7-50.8)	0 (0-0.1)	-12.4 (-35.2--5.9)
South Africa	0 (0-0.1)	-0.8 (-3.5-0)	0 (0-0.1)	-1 (-4-0.3)	0 (0-0.1)	-0.1 (-3.8-3.1)	0 (0-0)	-11.4 (-18.4--6)	0 (0-0)	4.8 (-15.4-23.8)	0 (0-0)	-16.4 (-20.1--13.4)
Eastern Cape	0 (0-0.1)	-0.8 (0-0)	0 (0-0.1)	-0.8 (-0.9-0.7)	0 (0-0.1)	-0.4 (-3.7-4.5)	0 (0-0)	-12.3 (-21.4--2.8)	0 (0-0)	1.7 (-27-51.1)	0 (0-0)	-19.7 (-23.2--15.3)
Free State	0 (0-0.1)	-0.2 (0-0)	0 (0-0.1)	-0.3 (-0.9-0.5)	0 (0-0.1)	0 (-4-3.9)	0 (0-0)	-13 (-20.4--3.6)	0 (0-0)	-4.4 (-31.6-28.7)	0 (0-0)	-16.7 (-20.6--12.2)
Gauteng	0 (0-0.1)	1.1 (0-0)	0 (0-0.1)	0.9 (-0.8-0.7)	0 (0-0.1)	2 (-2.2-5.6)	0 (0-0)	-8.9 (-17.5-2)	0 (0-0)	-9 (-30.2-25.9)	0 (0-0)	-7.5 (-12.7--2.2)
KwaZulu-Natal	0 (0-0.1)	-0.4 (0-0)	0 (0-0.1)	-0.6 (-0.8-0.8)	0 (0-0.1)	-0.6 (-3.7-4.4)	0 (0-0)	-12.1 (-20.3--2.6)	0 (0-0)	-4.7 (-30.8-29.8)	0 (0-0)	-16.4 (-20.1--11.3)
Limpopo	0 (0-0.1)	-0.3 (0-0)	0 (0-0.1)	-0.4 (-0.8-0.7)	0 (0-0.1)	-0.1 (-4-4.6)	0 (0-0)	-14.3 (-21.6--5.9)	0 (0-0)	8 (-21.9-47.3)	0 (0-0)	-18.6 (-22.3--14.3)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Mpumalanga	0 (0-0.1)	0 (0-0)	0 (0-0.1)	-0.1 (-0.8-0.6)	0 (0-0.1)	0.2 (-4-3.5)	0 (0-0)	-11.4 (-20.2--4)	0 (0-0)	0.7 (-25.1-32.3)	0 (0-0)	-16.4 (-20.7--12.9)
North-West	0 (0-0.1)	-2.7 (0-0)	0 (0-0.1)	-2.8 (-1.2-0.5)	0 (0-0.1)	-2.3 (-4.6-4.3)	0 (0-0)	-12.8 (-21.1--0.7)	0 (0-0)	-12.4 (-35.3-27.7)	0 (0-0)	-14.4 (-17.7--7.8)
Northern Cape	0 (0-0.1)	-0.1 (0-0)	0 (0-0.1)	-0.1 (-0.9-0.6)	0 (0-0.1)	-0.1 (-3.9-3.8)	0 (0-0)	-5.9 (-16-3)	0 (0-0)	-3.3 (-29.8-35.7)	0 (0-0)	-13 (-17.8--8.6)
Western Cape	0 (0-0)	0 (0-0)	0 (0-0)	-0.1 (-0.7-0.4)	0 (0-0)	0.3 (-2.2-3.1)	0 (0-0)	-10 (-17.6--1.5)	0 (0-0)	-4.4 (-26-19.8)	0 (0-0)	-18.1 (-21.9--14.2)
Zimbabwe	11.2 (8.2-15.3)	-14.1 (-24.8-5.7)	10.5 (7.6-14.3)	-14 (-24.4-5.4)	7.1 (5.2-9.5)	-12.2 (-22.9-5.5)	2.3 (1.6-3.1)	-20.1 (-31.2--6.5)	0 (0-0)	-2.9 (-30.4-38.9)	4.4 (3.3-5.9)	-19 (-28.4--3.3)
Western Sub-Saharan Africa	1,090 (846-1,410)	-7.6 (-11.3--3.7)	1,030 (804-1,330)	-6.3 (-9.9--2.5)	749 (585-977)	0.6 (-2.9-4.4)	362 (280-468)	6.6 (2.6-10.9)	2.7 (1.6-4.2)	22.2 (14.5-29.4)	538 (425-679)	-2.9 (-6.2-0.8)
Benin	917 (710-1,180)	-27.7 (-40--16.9)	870 (672-1,120)	-27.9 (-40.1--17.4)	648 (492-841)	-29.4 (-40.9--19.5)	347 (263-456)	-32.3 (-42.9--22.7)	2.8 (1.7-4.4)	-8.6 (-28.8-18.8)	491 (381-628)	-32.1 (-42.8--22.7)
Burkina Faso	1,120 (866-1,420)	-22.9 (-37.9--6.2)	1,060 (823-1,360)	-23.5 (-38.3--7)	798 (617-1,030)	-29 (-42.6--13.9)	423 (321-544)	-40.3 (-52.5--27.1)	3.7 (2.2-5.7)	-19.3 (-44.5-15.7)	602 (472-759)	-32.7 (-45.6--18.8)
Cabo Verde	61.6 (46.7-80.7)	2.4 (-6.6-11.8)	59.3 (44.9-77.9)	2.5 (-6.5-11.7)	49.6 (37.3-65.4)	2.6 (-6.3-11.5)	27.7 (20.5-35.8)	-4.9 (-13.7-4.6)	0.2 (0.1-0.4)	72.4 (39.8-112)	29.5 (22.4-38.1)	-15.9 (-23.5--8)
Cameroon	764 (648-878)	1.2 (-5.7-9)	723 (613-829)	1 (-6.1-8.5)	526 (438-623)	0.6 (-6.9-7.9)	263 (210-326)	-1.1 (-10.7-8.3)	1.5 (0.9-2.3)	6.2 (-13.7-32.1)	372 (313-437)	-5.1 (-11.8-2.1)
Chad	174 (140-203)	-0.8 (-7.5-6.9)	164 (133-193)	-1 (-7.8-6.7)	116 (94-141)	-1.5 (-8.8-7.3)	59 (46.2-74.7)	1.1 (-8.6-11.2)	0.4 (0.2-0.6)	12.4 (-8.8-40.8)	93 (76.9-113)	0 (-7-8.3)
Côte d'Ivoire	303 (249-351)	-0.1 (-8-7.9)	287 (237-335)	-0.3 (-7.5-7.6)	210 (174-255)	-0.2 (-7.8-8.1)	101 (79-126)	-6 (-14.9-2.3)	0.6 (0.3-1)	1 (-19.8-27.2)	147 (123-176)	-7 (-13.8-0.4)
Gambia	478 (390-567)	-2 (-9.8-7.4)	454 (372-542)	-2.4 (-10-6.8)	339 (275-408)	-2.7 (-10.5-5.8)	180 (141-222)	-3 (-12.4-6.1)	1 (0.6-1.7)	5.1 (-15.7-28.5)	243 (200-291)	-8 (-15.5--0.1)
Ghana	739 (656-918)	-14.8 (-25.6-1.9)	702 (623-877)	-15 (-25.9-1.7)	533 (455-672)	-15.7 (-25.8-0)	273 (222-343)	-15.7 (-25.6--1.3)	1.9 (1.1-2.9)	-1 (-21.5-22.1)	353 (301-442)	-21.8 (-31.1--7.6)
Guinea	1,550 (1,280-1,800)	-0.1 (-7.8-9.6)	1,460 (1,210-1,700)	-0.2 (-7.8-9.1)	1,020 (846-1,230)	-0.5 (-8.7-8.7)	510 (407-641)	1.2 (-8.2-11.2)	3 (1.9-4.7)	12.1 (-8.5-40.3)	766 (642-918)	-0.2 (-8.4-8.6)
Guinea-Bissau	33.3 (25.4-43.3)	-8.1 (-18-3.6)	31.4 (24-41)	-8.2 (-18.1-3.3)	22.7 (17.4-29.8)	-7.7 (-16.6-2)	11.1 (8.4-14.5)	-8.9 (-18.6-0.4)	0.1 (0-0.1)	1.9 (-18.8-28.2)	16.2 (12.5-20.9)	-13.1 (-21.9--4)
Liberia	210 (171-247)	0.1 (-6.5-8.3)	198 (162-234)	-0.3 (-6.8-7.7)	141 (114-170)	-1.4 (-8.3-6.3)	68.7 (53.6-86.3)	-6.6 (-14.3-1.8)	0.5 (0.3-0.8)	28 (3.3-58.6)	96.6 (78.8-117)	-10.2 (-16.2--3.5)
Mali	322 (268-383)	0.1 (-7.5-7.3)	303 (254-361)	0 (-7.4-7)	213 (173-262)	-0.5 (-8.3-6.2)	110 (86.6-137)	2.6 (-6.9-11.3)	0.7 (0.4-1.1)	7.2 (-12.7-35)	165 (138-201)	0.3 (-7-7)
Mauritania	161 (126-192)	-0.1 (-8.5-8.5)	153 (120-183)	-0.2 (-8.4-8.3)	117 (93.1-144)	-0.8 (-9.8-8)	64.2 (49.5-80.2)	0.8 (-8.4-10.8)	0.4 (0.2-0.7)	3.7 (-16.1-28.3)	82 (65.5-98.5)	-6.4 (-14.5-2.1)
Niger	521 (451-657)	-1.3 (-10.2-12.3)	492 (426-623)	-1.7 (-10.5-11.9)	350 (288-464)	-4.3 (-13.4-8.5)	188 (148-248)	-2.1 (-12.4-11.3)	1.3 (0.8-2)	-15.5 (-35.1-8.3)	286 (242-370)	-2.2 (-10.9-10.6)
Nigeria	1,570 (1,150-2,150)	-4 (-9.4-1.9)	1,490 (1,090-2,040)	-3.7 (-9.1-2)	1,040 (771-1,400)	6.1 (0.8-11.5)	490 (364-650)	23.1 (17.1-29.9)	3.8 (2.2-5.9)	42.3 (32.8-52.1)	748 (557-991)	4.6 (-0.3-9.6)
Sao Tome and Principe	906 (694-1,140)	0.1 (-9.1-10.5)	863 (661-1,080)	-0.1 (-9.4-10.2)	658 (516-835)	-0.2 (-9.2-9.2)	354 (273-448)	-6.8 (-14.9-1.7)	2.6 (1.5-3.9)	41.2 (14.3-73.6)	439 (341-550)	-12.1 (-19.7--4.3)
Senegal	457 (377-537)	-0.3 (-7.8-6.8)	433 (358-514)	-0.5 (-7.9-6.7)	321 (267-385)	-0.8 (-8.2-6.3)	172 (138-214)	-1.7 (-9.4-6.3)	1.1 (0.7-1.7)	-1.9 (-19.9-25.8)	227 (190-270)	-6.2 (-12.8-0.6)
Sierra Leone	2,150 (1,770-2,520)	-1.5 (-9.7-6.4)	2,030 (1,680-2,380)	-1.8 (-9.3-6.2)	1,400 (1,150-1,690)	-1.9 (-9.8-5.7)	692 (548-866)	0.8 (-8.2-10.3)	4.2 (2.6-6.6)	12.2 (-9.9-37.2)	995 (830-1,190)	-5.9 (-13.3-1.4)
Togo	1,130 (944-1,330)	0.4 (-7.1-7.6)	1,070 (896-1,260)	0.2 (-7.3-7.5)	784 (649-941)	-0.1 (-7.9-7.9)	382 (300-480)	-4.5 (-12.6-4.5)	2.6 (1.6-4)	2.8 (-16.7-26.4)	534 (451-639)	-9.4 (-16.1--2.2)

Table S15: Hemoglobin SC disease disease frequency: Birth rate, age-specific and all-age prevalence rates , 2000 - 2021

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Global	75.1 (56.6-98.1)	14.7 (9.4-19.5)	63.8 (48.1-82.7)	20.2 (14.3-25.5)	43.6 (32.9-56)	36.2 (28.7-42.7)	8 (6-10.5)	22.3 (16-27.8)	0.1 (0-0.1)	-11.7 (-14.6--8.9)	16.7 (12.8-21.4)	9.8 (4-14.7)
Central Europe, Eastern Europe, and Central Asia	0.1 (0.1-0.1)	-12.1 (-17.3--7.2)	0.1 (0.1-0.1)	-14.1 (-19.2--9.2)	0.1 (0.1-0.1)	-10.9 (-16--6.3)	0 (0-0)	-18.7 (-23.6--14.4)	0 (0-0)	-15.9 (-21.1--11.5)	0 (0-0)	-20.8 (-25.2--16.8)
Central Asia	0 (0-0)	-1.7 (-15.2-0.6)	0 (0-0)	-1.3 (-15.7-3.4)	0 (0-0)	0 (-12.3-7.7)	0 (0-0)	-8.7 (-19.4--1.5)	0 (0-0)	23.5 (9.4-37.6)	0 (0-0)	-11.1 (-22.2--4.9)
Armenia	0 (0-0)	1.4 (-0.5-44.5)	0 (0-0)	1.3 (-2.8-41)	0 (0-0)	2.8 (-3.7-41.7)	0 (0-0)	-5 (-12.7-22.4)	0 (0-0)	1.7 (-8.9-19.7)	0 (0-0)	-14.2 (-19.5-14.8)
Azerbaijan	0 (0-0)	-2.9 (0-0.1)	0 (0-0)	-1.9 (-3.5-4.3)	0 (0-0)	-1.1 (-6.6-8.5)	0 (0-0)	-7.6 (-15.9-2.1)	0 (0-0)	37.1 (21-55.6)	0 (0-0)	-19.2 (-24.4--12.1)
Georgia	0 (0-0)	-1.6 (-1.8-0)	0 (0-0)	-1.2 (-6.4-2.9)	0 (0-0)	0 (-9.9-5.6)	0 (0-0)	-7.4 (-21.1-0.1)	0 (0-0)	5.8 (-8.9-18.7)	0 (0-0)	-10.2 (-18.3--4.5)
Kazakhstan	0 (0-0)	3.7 (-22.1-381)	0 (0-0)	3.6 (-22.3-358)	0 (0-0)	5.7 (-20.9-341)	0 (0-0)	-5.3 (-32.5-235)	0 (0-0)	11.6 (-28.5-146)	0 (0-0)	0.9 (-25.8-304)
Kyrgyzstan	0 (0-0)	-3.1 (-45.5-0)	0 (0-0)	-2.2 (-41.3-4)	0 (0-0)	-1.4 (-38.8-8.1)	0 (0-0)	-6.4 (-35.8-3.2)	0 (0-0)	33.5 (15.7-51)	0 (0-0)	-6.2 (-40.1-2.3)
Mongolia	0 (0-0)	-2.2 (-0.7-0)	0 (0-0)	-2.6 (-8-3.2)	0 (0-0)	0.5 (-10.9-11.7)	0 (0-0)	-19.6 (-39.4--7.9)	0 (0-0)	20 (-30.7-48.9)	0 (0-0)	-14.8 (-23.6--5.6)
Tajikistan	0 (0-0)	-2.6 (0-0)	0 (0-0)	-1.8 (-4.6-4.7)	0 (0-0)	-0.6 (-9.6-9.7)	0 (0-0)	-7.4 (-17.7-3.1)	0 (0-0)	47.4 (22.2-69.8)	0 (0-0)	-13 (-19.9--5)
Turkmenistan	0 (0-0)	-4.5 (-31.9-0)	0 (0-0)	-3.9 (-30.9-4.7)	0 (0-0)	-2.2 (-31.1-11.3)	0 (0-0)	-11.7 (-39.3-1.6)	0 (0-0)	21.6 (-27.8-48.1)	0 (0-0)	-16.5 (-40.9--6)
Uzbekistan	0 (0-0)	-2.8 (-42.3-0.4)	0 (0-0)	-1.6 (-41.3-5.3)	0 (0-0)	-1.5 (-40.4-10.2)	0 (0-0)	-11.1 (-51.2-0.7)	0 (0-0)	29.3 (-42.5-53.1)	0 (0-0)	-15.7 (-51--6.4)
Central Europe	0.3 (0.3-0.4)	1.9 (-4.5-9.6)	0.3 (0.2-0.3)	1.1 (-5.5-8.6)	0.2 (0.2-0.2)	-0.1 (-6.7-7.4)	0.1 (0.1-0.1)	-13.4 (-19.5--7.4)	0 (0-0)	-17 (-23.1--10.7)	0.1 (0.1-0.1)	-19.3 (-24.5--13.6)
Albania	0.2 (0.2-0.3)	-1.6 (-22.3-0.1)	0.2 (0.1-0.2)	0.1 (-21-4.8)	0.1 (0.1-0.1)	0.2 (-20-8.1)	0 (0-0.1)	-3.4 (-22.4-5.1)	0 (0-0)	-12.6 (-31.4--1.6)	0 (0-0.1)	-28.6 (-43.2--23.6)
Bosnia and Herzegovina	0.1 (0.1-0.2)	-0.6 (-18-0)	0.1 (0.1-0.2)	-0.2 (-19-3.3)	0.1 (0.1-0.1)	0.6 (-17.3-6)	0 (0-0.1)	-4.1 (-21.5-2.1)	0 (0-0)	-10.4 (-28--0.5)	0 (0-0.1)	-21.4 (-36--17.1)
Bulgaria	0.2 (0.1-0.3)	-1.6 (-28.6-0.1)	0.1 (0.1-0.2)	-2.2 (-28.3-3.3)	0.1 (0.1-0.1)	0.5 (-25.5-9.5)	0 (0-0.1)	-10.9 (-33.4-2.9)	0 (0-0)	-18 (-41.2--2.6)	0 (0-0)	-13.4 (-36.1--2.4)
Croatia	1.3 (1-1.7)	-6.9 (-16.7-2.6)	1.1 (0.9-1.5)	-5.8 (-15.7-4)	0.8 (0.7-1.1)	-4.2 (-14.1-5.9)	0.4 (0.3-0.5)	-5.3 (-13.6-3.4)	0 (0-0.1)	-8.5 (-16.9-1.4)	0.3 (0.2-0.4)	-18.5 (-26.1--10.9)
Czechia	0 (0-0)	-0.7 (-18.3-0)	0 (0-0)	-0.5 (-17.7-2.4)	0 (0-0)	0 (-16.7-5)	0 (0-0)	-10.7 (-27.9--3.1)	0 (0-0)	-27.9 (-45.5--21.2)	0 (0-0)	-12.4 (-28.4--6.9)
Hungary	0.1 (0.1-0.2)	-2.1 (-27.4-0)	0.1 (0.1-0.2)	-2 (-26.7-1.9)	0.1 (0.1-0.1)	-1.6 (-26.6-4.1)	0 (0-0.1)	-9.6 (-33--2.8)	0 (0-0)	-19.5 (-45--10.6)	0 (0-0)	-16.9 (-38.2--11.9)
Montenegro	0.2 (0.1-0.2)	-1.4 (-25.1-0)	0.1 (0.1-0.2)	-1.2 (-24.7-2.7)	0.1 (0.1-0.1)	-0.4 (-23.4-5.8)	0 (0-0.1)	-4.2 (-28.9-4.7)	0 (0-0)	-7.7 (-37.9-4.1)	0 (0-0.1)	-16.4 (-37--10.4)
North Macedonia	0.2 (0.1-0.3)	-1.1 (-25.7-9.3)	0.2 (0.1-0.2)	-0.4 (-24.6-8.6)	0.1 (0.1-0.1)	0.3 (-22.3-9.1)	0 (0-0.1)	-5.7 (-26.7-5.4)	0 (0-0)	-7.7 (-29.1-3.4)	0 (0-0.1)	-18 (-36.7--10.2)
Poland	0.4 (0.3-0.5)	11.8 (-5.9-30.8)	0.4 (0.3-0.5)	10.8 (-6.9-29.2)	0.2 (0.2-0.3)	1.6 (-13.6-18.7)	0.1 (0.1-0.1)	-19.3 (-31.5--6.4)	0 (0-0)	-32.7 (-43.3--20.6)	0.1 (0.1-0.1)	-21.4 (-32.7--8.3)
Romania	0.5 (0.4-0.7)	2.4 (-3.4-27.9)	0.4 (0.3-0.5)	2.2 (-4.5-26.6)	0.3 (0.2-0.3)	4.2 (-6.2-26.7)	0.1 (0.1-0.1)	-6.8 (-17.6-11.2)	0 (0-0)	0.2 (-14.5-20.7)	0.1 (0.1-0.1)	-15.7 (-24.2-1.4)
Serbia	0 (0-0.1)	1.6 (0-33.2)	0 (0-0)	1.4 (-2.7-28.6)	0 (0-0)	1.8 (-4.3-27.9)	0 (0-0)	-1.5 (-8.5-25.2)	0 (0-0)	-11 (-19.5-8)	0 (0-0)	-13.9 (-19.1-8.6)
Slovakia	0.4 (0.3-0.5)	-5.3 (-25.8-21.6)	0.3 (0.3-0.4)	-4.7 (-25.6-22.8)	0.2 (0.2-0.3)	-4.3 (-24.9-22.7)	0.1 (0.1-0.1)	-12.6 (-29.2-11.3)	0 (0-0)	-18.6 (-31.2-6.4)	0.1 (0.1-0.1)	-21 (-36.8-1.5)
Slovenia	0.3 (0.2-0.3)	-3.3 (-32.7-0.4)	0.2 (0.2-0.3)	-3.3 (-32.7-2)	0.2 (0.1-0.2)	-1.7 (-31.2-5.8)	0.1 (0.1-0.1)	-8.5 (-33.9-0.5)	0 (0-0)	-12.9 (-36.2--1.9)	0.1 (0.1-0.1)	-17.3 (-40.7--10.5)
Eastern Europe	0.1 (0.1-0.1)	-2.2 (-9.4-0.1)	0.1 (0-0.1)	-2.3 (-9.5--0.1)	0 (0-0.1)	0.2 (-7.3-3.4)	0 (0-0)	-8.9 (-16.8--5)	0 (0-0)	-7.5 (-15.7--2.9)	0 (0-0)	-10 (-16.4--7)
Belarus	0.1 (0-0.1)	-2.9 (-37.8-0)	0.1 (0-0.1)	-2.9 (-35.6-1.8)	0 (0-0.1)	-0.6 (-32.9-6.2)	0 (0-0)	-8 (-39.7-0.1)	0 (0-0)	3.4 (-33.5-15.3)	0 (0-0)	-12.5 (-42--5.9)
Estonia	0.1 (0-0.1)	-2 (-42.2-0)	0.1 (0-0.1)	-1.7 (-42-2)	0 (0-0.1)	-0.1 (-41.7-5.6)	0 (0-0)	-8.6 (-49.4--1.1)	0 (0-0)	-18.7 (-55.7--8.8)	0 (0-0)	-13 (-50.7--7)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Latvia	0.1 (0.1-0.1)	-4.8 (-41.8--0.6)	0.1 (0.1-0.1)	-4.8 (-41.3-1.2)	0.1 (0-0.1)	-3.1 (-40.4-5.1)	0 (0-0)	-9.6 (-45.3--0.1)	0 (0-0)	-14.6 (-47.4--1.9)	0 (0-0)	-16.6 (-49.1--8.9)
Lithuania	0.2 (0.1-0.2)	2.7 (0-36.2)	0.1 (0.1-0.2)	3.2 (-1.1-36.8)	0.1 (0.1-0.1)	4.4 (-1.8-40.3)	0.1 (0-0.1)	-1.3 (-8.2-38.2)	0 (0-0)	-2.7 (-12.2-44.5)	0 (0-0.1)	-16.1 (-21.7-15.1)
Republic of Moldova	0.1 (0.1-0.1)	-2.1 (-22.2-0.1)	0.1 (0-0.1)	-1.5 (-22.2-3.9)	0 (0-0.1)	-0.1 (-22.4-7.3)	0 (0-0)	-8.9 (-29.3-0.5)	0 (0-0)	-4 (-26.2-9.4)	0 (0-0)	-21.4 (-38.4--14.5)
Russian Federation	0.1 (0.1-0.1)	-1.9 (-11.5-0.1)	0.1 (0-0.1)	-1.8 (-11.3-0.3)	0 (0-0.1)	1.4 (-8.1-4.4)	0 (0-0)	-8.5 (-16.2--4.7)	0 (0-0)	-8.9 (-16.1--4.4)	0 (0-0)	-7.8 (-15.6--4.6)
Ukraine	0.1 (0.1-0.1)	-1.4 (-21.1-0)	0.1 (0-0.1)	-1.1 (-20.6-1.6)	0 (0-0.1)	0.8 (-19.3-5.8)	0 (0-0)	-8.8 (-27.1--1.7)	0 (0-0)	-2.7 (-24.5-9.2)	0 (0-0)	-11.8 (-29.5--6.7)
High-income	6.3 (5.3-7.6)	-6.1 (-9--3.5)	4.9 (4.1-5.8)	2.6 (0.2-5)	3.7 (3.1-4.4)	10.3 (7.7-13.3)	1.7 (1.5-2.1)	12 (9.4-14.6)	0.2 (0.2-0.3)	5.4 (1.5-9.4)	1.5 (1.3-1.8)	-3.6 (-5.6--1.5)
Australasia	0.2 (0.1-0.2)	-4 (-17.9-12.2)	0.1 (0.1-0.2)	-5.9 (-19.3-5.9)	0.1 (0.1-0.1)	-7.7 (-21.2-2.7)	0 (0-0.1)	-6.6 (-19.3-7)	0 (0-0)	-19.6 (-29.8--9.1)	0 (0-0.1)	-16.3 (-28.2--5.3)
Australia	0.1 (0.1-0.2)	0.6 (-11.4-25.6)	0.1 (0.1-0.1)	0.7 (-6.4-19)	0.1 (0-0.1)	-0.1 (-9-16.3)	0 (0-0)	-1.4 (-11.4-18.2)	0 (0-0)	-15.6 (-26.3-3.3)	0 (0-0)	-10.4 (-18.7-6.5)
New Zealand	0.4 (0.3-0.5)	-5.6 (-29.9-4.3)	0.3 (0.2-0.4)	-9.1 (-33.3-2.5)	0.2 (0.2-0.3)	-15.8 (-37.9--3.1)	0.1 (0.1-0.1)	-13 (-33.7-0.5)	0 (0-0)	-25.9 (-42.7--12.4)	0.1 (0.1-0.1)	-23.6 (-42.6--12.5)
High-income Asia Pacific	0.1 (0-0.1)	-0.3 (-14.8-5.8)	0 (0-0.1)	-3.7 (-16-2.3)	0 (0-0)	-6.5 (-17.6-1.9)	0 (0-0)	-3 (-16.2-6.4)	0 (0-0)	8.2 (-16.2-46.9)	0 (0-0)	-21.4 (-32.3--14.5)
Brunei Darussalam	0.2 (0.1-0.2)	0.5 (-0.3-33.5)	0.1 (0.1-0.1)	0.2 (-6.6-28.1)	0.1 (0-0.1)	-0.4 (-13.5-23.3)	0 (0-0)	-5.4 (-18.3-18.2)	0 (0-0)	-5.9 (-21.8-23)	0 (0-0)	-20.5 (-30.1--0.5)
Japan	0 (0-0.1)	-0.2 (-5.7-0.4)	0 (0-0)	-0.8 (-6.3-0.5)	0 (0-0)	-0.4 (-6.6-1.9)	0 (0-0)	-6.2 (-9.9--3.3)	0 (0-0)	-30.4 (-32.7--28.1)	0 (0-0)	-19.8 (-23.2--17.7)
Aichi	0 (0-0.1)	-1.2 (-23.3-0.2)	0 (0-0)	-1.9 (-24.8-1.9)	0 (0-0)	-1.6 (-24.6-4.5)	0 (0-0)	-7.5 (-26.8--1.4)	0 (0-0)	-30.7 (-41.8--24.5)	0 (0-0)	-18.6 (-36.2--13.9)
Akita	0 (0-0.1)	-2.9 (-45.1-0.1)	0 (0-0)	-3.5 (-45-2.2)	0 (0-0)	-3.8 (-45.3-4.8)	0 (0-0)	-8 (-41.8-2.3)	0 (0-0)	-35.9 (-50.5--26.4)	0 (0-0)	-30.9 (-57.4--24.4)
Aomori	0 (0-0.1)	0 (0-0.1)	0 (0-0)	-0.3 (-2.8-2.3)	0 (0-0)	-0.1 (-5-5.5)	0 (0-0)	-4.9 (-11.1-1.2)	0 (0-0)	-33.7 (-40.8--27.4)	0 (0-0)	-28.2 (-32.1--24.1)
Chiba	0 (0-0.1)	0 (0-0.2)	0 (0-0)	-0.6 (-3.6-2.5)	0 (0-0)	-0.4 (-6.2-4.9)	0 (0-0)	-7.1 (-14.4--0.5)	0 (0-0)	-36.3 (-42--29.4)	0 (0-0)	-22.3 (-27.5--17.6)
Ehime	0 (0-0.1)	-2.9 (-45.1-0.1)	0 (0-0)	-3.6 (-47.7-2.3)	0 (0-0)	-3.5 (-47.9-4.9)	0 (0-0)	-8.7 (-46.1-0.4)	0 (0-0)	-35.8 (-51.5--27.1)	0 (0-0)	-24.1 (-56.2--17.3)
Fukui	0 (0-0.1)	0 (0-0.2)	0 (0-0)	-0.4 (-2.7-2.4)	0 (0-0)	-0.9 (-5.2-4.1)	0 (0-0)	-4.7 (-10.1-1.2)	0 (0-0)	-31.7 (-37.7--25.4)	0 (0-0)	-20.7 (-24.4--16.4)
Fukuoka	0 (0-0.1)	0 (0-0.2)	0 (0-0)	-0.6 (-3.3-2.2)	0 (0-0)	0 (-4.9-5.2)	0 (0-0)	-7.3 (-13.3--1.6)	0 (0-0)	-33.2 (-39.4--27.2)	0 (0-0)	-17.8 (-22.3--13.9)
Fukushima	0 (0-0.1)	0.3 (0-0.1)	0 (0-0)	0 (-2.8-3)	0 (0-0)	0.1 (-4.9-5.8)	0 (0-0)	-5.8 (-12-1)	0 (0-0)	-31.1 (-37.9--24.1)	0 (0-0)	-28.2 (-32.3--23.9)
Gifu	0 (0-0.1)	-1.2 (-23.3-0.2)	0 (0-0)	-1.8 (-25.5-2.1)	0 (0-0)	-1.3 (-25.8-5.4)	0 (0-0)	-6.3 (-25.8-1.7)	0 (0-0)	-33.6 (-44.5--26.1)	0 (0-0)	-21.4 (-38.6--15.8)
Gunma	0 (0-0.1)	0.1 (0-0.2)	0 (0-0)	-0.5 (-3.2-2)	0 (0-0)	-0.3 (-5.3-4.5)	0 (0-0)	-5.3 (-11.7-0)	0 (0-0)	-33.2 (-38.8--26.9)	0 (0-0)	-21.7 (-26.3--17.9)
Hiroshima	0 (0-0.1)	-0.1 (0-0.2)	0 (0-0)	-0.8 (-3.6-1.7)	0 (0-0)	-0.3 (-5.8-4.2)	0 (0-0)	-6.6 (-13--0.2)	0 (0-0)	-33.6 (-40--27.5)	0 (0-0)	-17.9 (-22.8--13.5)
Hokkaidō	0 (0-0.1)	1.3 (0-30.5)	0 (0-0)	0.8 (-3.3-31)	0 (0-0)	1.3 (-5.1-31.8)	0 (0-0)	-5.8 (-12.7-17)	0 (0-0)	-34.8 (-41.4--24)	0 (0-0)	-23.8 (-28.7--3.8)
Hyōgo	0 (0-0.1)	-1.2 (-23.3-0.2)	0 (0-0)	-1.6 (-24.7-2.8)	0 (0-0)	-1.5 (-25.4-5.7)	0 (0-0)	-7.2 (-26.1--0.4)	0 (0-0)	-32.4 (-43.6--25.4)	0 (0-0)	-21.8 (-38.6--16.7)
Ibaraki	0 (0-0.1)	0 (0-0.2)	0 (0-0)	-0.7 (-3.6-1.7)	0 (0-0)	-0.2 (-5.5-5)	0 (0-0)	-6.2 (-13-0.7)	0 (0-0)	-35.9 (-42.7--30)	0 (0-0)	-23.9 (-28.4--19.5)
Ishikawa	0 (0-0.1)	1.3 (0-30.5)	0 (0-0)	0.9 (-2.9-31.3)	0 (0-0)	0.9 (-5.1-32)	0 (0-0)	-4.3 (-10.7-20.6)	0 (0-0)	-33.9 (-40.3--24.1)	0 (0-0)	-18.3 (-23.2-3.9)
Iwate	0 (0-0.1)	-0.2 (0-0.1)	0 (0-0)	-0.9 (-3.3-2)	0 (0-0)	-0.1 (-5-5)	0 (0-0)	-5.8 (-11.5-0.2)	0 (0-0)	-29.7 (-35.5--21.5)	0 (0-0)	-24.3 (-27.9--20.1)
Kagawa	0 (0-0.1)	0 (0-0.2)	0 (0-0)	-0.7 (-3.2-1.8)	0 (0-0)	-0.1 (-4.8-5.1)	0 (0-0)	-6.3 (-13--0.4)	0 (0-0)	-35.4 (-41.3--28.2)	0 (0-0)	-20.5 (-24.8--16.2)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Kagoshima	0 (0-0.1)	0 (0-0.1)	0 (0-0)	-0.7 (-3.2-2.4)	0 (0-0)	-0.4 (-5.2-5.3)	0 (0-0)	-5.8 (-11.2-1.3)	0 (0-0)	-27.7 (-33.1--18.5)	0 (0-0)	-20.6 (-24.2--15.6)
Kanagawa	0 (0-0.1)	-1 (0-0.2)	0 (0-0)	-1.9 (-4.3-1.4)	0 (0-0)	-1.3 (-6.6-4.4)	0 (0-0)	-7.4 (-14.5--0.9)	0 (0-0)	-29.3 (-36.9--23)	0 (0-0)	-20.7 (-25.6--15.9)
Kōchi	0 (0-0.1)	0.3 (0-0.1)	0 (0-0)	-0.3 (-3.6-2.4)	0 (0-0)	-0.5 (-6-4.8)	0 (0-0)	-6.8 (-12.5--0.9)	0 (0-0)	-35.1 (-41.8--29)	0 (0-0)	-22 (-26.3--18)
Kumamoto	0 (0-0.1)	0 (0-0.2)	0 (0-0)	-0.6 (-3-2.9)	0 (0-0)	-0.2 (-4.7-6.9)	0 (0-0)	-4.9 (-10.3-3.1)	0 (0-0)	-30.3 (-36.7--22.2)	0 (0-0)	-18.1 (-22--12.1)
Kyōto	0 (0-0.1)	1 (0-0.2)	0 (0-0)	0.5 (-3-2.6)	0 (0-0)	0.6 (-5-5.8)	0 (0-0)	-6.2 (-12.8-0)	0 (0-0)	-33.2 (-39.4--25.8)	0 (0-0)	-18.9 (-23.9--14.3)
Mie	0 (0-0.1)	0 (0-0.2)	0 (0-0)	-0.7 (-3.4-1.9)	0 (0-0)	-0.4 (-5.4-4.7)	0 (0-0)	-5.8 (-11.9-0.1)	0 (0-0)	-30.4 (-35.8--22.9)	0 (0-0)	-20.7 (-25--16.5)
Miyagi	0 (0-0.1)	0 (0-0.2)	0 (0-0)	-0.8 (-3.3-1.8)	0 (0-0)	0 (-4.9-4.9)	0 (0-0)	-7 (-12.2--1.6)	0 (0-0)	-31.6 (-37.5--25)	0 (0-0)	-23 (-26.5--18.8)
Miyazaki	0 (0-0.1)	0 (0-0.1)	0 (0-0)	-0.7 (-3.4-1.7)	0 (0-0)	0.2 (-5.1-5.9)	0 (0-0)	-4.4 (-10.4-2)	0 (0-0)	-35.9 (-41.5--29.4)	0 (0-0)	-20.9 (-25.1--16.6)
Nagano	0 (0-0.1)	0 (0-0.2)	0 (0-0)	-0.6 (-3-1.6)	0 (0-0)	-0.4 (-4.9-3.5)	0 (0-0)	-5.1 (-11.3-0.2)	0 (0-0)	-27.8 (-34.2--20.6)	0 (0-0)	-21 (-25.2--17.6)
Nagasaki	0 (0-0.1)	-3 (-45.1-0.1)	0 (0-0)	-3.6 (-46-2.3)	0 (0-0)	-3.4 (-47.5-4.9)	0 (0-0)	-6.9 (-43.6-1.8)	0 (0-0)	-33.9 (-48.3--25.3)	0 (0-0)	-24.8 (-55--18.5)
Nara	0 (0-0.1)	0 (0-0.2)	0 (0-0)	-0.8 (-3.2-1.4)	0 (0-0)	-0.2 (-4.8-4)	0 (0-0)	-5.4 (-10.9-0)	0 (0-0)	-38.3 (-43.9--32.9)	0 (0-0)	-24 (-27.6--20.3)
Niigata	0 (0-0.1)	0 (0-0.2)	0 (0-0)	-0.5 (-3.1-1.9)	0 (0-0)	-0.2 (-4.4-4.5)	0 (0-0)	-5.2 (-10.3-0.4)	0 (0-0)	-30.8 (-36.2--24.9)	0 (0-0)	-21.5 (-25.1--17.4)
Ōita	0 (0-0.1)	-0.1 (0-0.2)	0 (0-0)	-0.4 (-3.2-2.2)	0 (0-0)	0 (-4.4-4.8)	0 (0-0)	-5.8 (-11.5--0.4)	0 (0-0)	-35.1 (-41--29.4)	0 (0-0)	-19.9 (-23.9--16.2)
Okayama	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	-0.4 (-3.7-2.6)	0 (0-0)	-0.1 (-5.7-6.1)	0 (0-0)	-5.7 (-12.2-2.2)	0 (0-0)	-33.7 (-39.8--26.2)	0 (0-0)	-17.6 (-22.4--11.7)
Okinawa	0 (0-0.1)	-3 (-45.1-0.1)	0 (0-0)	-3.8 (-46.3-2.4)	0 (0-0)	-3.3 (-46-5.7)	0 (0-0)	-7.2 (-42.1-1.6)	0 (0-0)	-22 (-38.8--12.9)	0 (0-0)	-19.9 (-52.2--12.8)
Ōsaka	0 (0-0.1)	0 (0-0.2)	0 (0-0)	-0.6 (-3.2-2.9)	0 (0-0)	-0.3 (-5.1-5.8)	0 (0-0)	-7 (-12.4-0.4)	0 (0-0)	-31.5 (-36.9--25.2)	0 (0-0)	-20 (-24.2--14.7)
Saga	0 (0-0.1)	-0.2 (0-0.1)	0 (0-0)	-1 (-3.8-2)	0 (0-0)	-0.4 (-5.7-5.6)	0 (0-0)	-4.5 (-10.6-2.3)	0 (0-0)	-31.6 (-38.6--25.1)	0 (0-0)	-19.7 (-24.2--15.1)
Saitama	0 (0-0.1)	0 (0-0.2)	0 (0-0)	-0.6 (-3.4-2.2)	0 (0-0)	-0.3 (-5.2-5)	0 (0-0)	-7.1 (-12.9--1.3)	0 (0-0)	-36.6 (-42.6--31.2)	0 (0-0)	-22.3 (-26.6--18.1)
Shiga	0 (0-0.1)	-1.2 (-23.3-0.2)	0 (0-0)	-2 (-25.4-2.4)	0 (0-0)	-1.7 (-25.7-5.6)	0 (0-0)	-7.5 (-27.5--0.1)	0 (0-0)	-31 (-43--23.9)	0 (0-0)	-19.6 (-37.4--13.7)
Shimane	0 (0-0.1)	-0.1 (0-0.2)	0 (0-0)	-0.5 (-2.7-1.8)	0 (0-0)	0.1 (-4.2-4.4)	0 (0-0)	-4.8 (-10.2-0.8)	0 (0-0)	-34.1 (-39.9--27.5)	0 (0-0)	-18.2 (-21.9--14.3)
Shizuoka	0 (0-0.1)	0 (0-0.2)	0 (0-0)	-0.7 (-3.1-2.5)	0 (0-0)	-0.5 (-5.3-5.8)	0 (0-0)	-5.7 (-11.2-1)	0 (0-0)	-33.8 (-39.2--28.5)	0 (0-0)	-21.4 (-25.3--16.7)
Tochigi	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	-0.8 (-3.4-1.9)	0 (0-0)	0 (-4.7-5.4)	0 (0-0)	-6.5 (-12.3--0.5)	0 (0-0)	-33.6 (-39.6--26.8)	0 (0-0)	-21.7 (-25.7--17.4)
Tokushima	0 (0-0.1)	-2.7 (-45.1-0.1)	0 (0-0)	-3.4 (-47.2-2.7)	0 (0-0)	-3.3 (-46.7-6.2)	0 (0-0)	-7.7 (-40.5-1.3)	0 (0-0)	-33.9 (-47.5--26)	0 (0-0)	-23.8 (-52.9--17.1)
Tōkyō	0 (0-0.1)	3 (0-0.2)	0 (0-0)	2.6 (-3.2-2.8)	0 (0-0)	3.2 (-5.1-7)	0 (0-0)	-5.1 (-13.6-1.8)	0 (0-0)	-16.5 (-24.6--8.8)	0 (0-0)	-10.1 (-17.4--4.9)
Tottori	0 (0-0.1)	0 (0-0.2)	0 (0-0)	-0.4 (-3.3-1.9)	0 (0-0)	0.3 (-5.1-4.9)	0 (0-0)	-4.5 (-9.9-1.3)	0 (0-0)	-32.3 (-38.2--26.5)	0 (0-0)	-18.2 (-22.1--14)
Toyama	0 (0-0.1)	0 (0-0.2)	0 (0-0)	-1.1 (-4.2-1.3)	0 (0-0)	-0.3 (-6.3-4.2)	0 (0-0)	-6.5 (-13.1--0.9)	0 (0-0)	-36 (-41.2--29.9)	0 (0-0)	-20.9 (-25.4--16.9)
Wakayama	0 (0-0.1)	0 (0-0.2)	0 (0-0)	-0.5 (-3.3-1.7)	0 (0-0)	-0.3 (-5.3-4.1)	0 (0-0)	-5.1 (-10.6-0.1)	0 (0-0)	-30.2 (-35.8--24)	0 (0-0)	-21.2 (-25--17.3)
Yamagata	0 (0-0.1)	0 (0-0.2)	0 (0-0)	-0.5 (-3.3-3.1)	0 (0-0)	-0.3 (-5.7-5.8)	0 (0-0)	-3.9 (-9.8-2.6)	0 (0-0)	-30.7 (-36.2--22.9)	0 (0-0)	-22.6 (-26.9--17.8)
Yamaguchi	0 (0-0.1)	-3 (-45.1-0.1)	0 (0-0)	-3.8 (-47-2.2)	0 (0-0)	-3.5 (-47.5-5.6)	0 (0-0)	-8.8 (-46.1-0.6)	0 (0-0)	-39 (-53.6--30.9)	0 (0-0)	-22.4 (-54.8--15.1)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Yamanashi	0 (0-0.1)	-2.9 (-45.1-0.1)	0 (0-0)	-3.6 (-45.9-2.7)	0 (0-0)	-4 (-48.1-5.3)	0 (0-0)	-6.1 (-42.8-4.4)	0 (0-0)	-29.3 (-46.8--19)	0 (0-0)	-25.9 (-56.3--18.8)
Republic of Korea	0.1 (0.1-0.2)	-0.2 (-20.7-7.7)	0.1 (0.1-0.1)	-0.2 (-19.4-7.4)	0.1 (0-0.1)	-1 (-18.6-10.8)	0 (0-0)	-9.5 (-27.1-1.3)	0 (0-0)	-11 (-29.8-4.6)	0 (0-0)	-31.2 (-44.8--22.1)
Singapore	0.1 (0.1-0.2)	-0.4 (-20.8-0.5)	0.1 (0.1-0.1)	-2.5 (-22-3.1)	0.1 (0-0.1)	-0.3 (-21.2-11.6)	0 (0-0)	-10.5 (-27.6-0.1)	0 (0-0)	-15 (-28.2--2.9)	0 (0-0)	-23 (-37.6--14)
High-income North America	7.4 (6.4-8.4)	-23 (-25.8--20.6)	5.8 (5.2-6.5)	-8 (-10.2--5.9)	4.6 (4.1-5.1)	6.6 (2.8-10.8)	2.9 (2.6-3.2)	13.1 (9.1-17.1)	0.5 (0.4-0.6)	2 (-2.7-6.6)	2.4 (2.1-2.6)	-5.3 (-8.3--2.4)
Canada	0.3 (0.2-0.4)	-74.2 (-81.9--62)	0.2 (0.2-0.3)	-64.7 (-73.4--51.1)	0.2 (0.1-0.2)	-53.1 (-65.1--35.5)	0.1 (0.1-0.1)	-48.6 (-61.1--29.1)	0 (0-0)	-52.2 (-64.1--33.5)	0.1 (0.1-0.1)	-58.7 (-68.6--43.6)
Greenland	2.1 (1.5-2.8)	-1 (-11-11.6)	1.2 (0.9-1.6)	1.5 (-6.9-12)	0.7 (0.5-0.9)	0 (-11.3-11.2)	0.4 (0.3-0.5)	8.5 (-3.6-22.8)	0.1 (0-0.1)	1.6 (-10.1-16.3)	0.4 (0.3-0.5)	-14.3 (-22.7--4.4)
United States of America	8.1 (7-9.2)	-21.2 (-24--18.7)	6.4 (5.7-7.2)	-6.5 (-8.8--4.3)	5 (4.5-5.7)	7.4 (3.5-11.6)	3.1 (2.8-3.6)	13.3 (9.3-17.3)	0.5 (0.4-0.6)	4.2 (-0.6-8.8)	2.6 (2.4-2.9)	-4.4 (-7.5--1.5)
Alabama	17.7 (14.8-20.8)	-25 (-32.6--16.6)	13.3 (11.3-15.4)	-8.7 (-16.1--1)	10.1 (8.5-11.6)	10.4 (0.2-22.2)	5.9 (5.1-6.8)	15.6 (4.5-27)	0.9 (0.7-1.1)	6.2 (-5.5-17.8)	5 (4.3-5.7)	-2.2 (-10.8-6.8)
Alaska	0.6 (0.1-1.5)	-25.4 (-72-0)	0.4 (0.1-1.1)	-9.5 (-65.8-24.6)	0.3 (0.1-0.8)	8.9 (-53.3-55.9)	0.2 (0-0.4)	15.2 (-54.5-67.4)	0 (0-0.1)	-18.3 (-72.4-23.7)	0.1 (0-0.4)	-9.7 (-64.9-29.3)
Arizona	4.1 (3.3-5)	0.1 (-8.3-10.5)	3.2 (2.6-3.8)	12.5 (4-22.2)	2.5 (2-3)	25.3 (14.1-38.3)	1.5 (1.2-1.9)	27.3 (16.3-40.3)	0.2 (0.2-0.3)	11.5 (-1.1-25.5)	1.3 (1-1.5)	7.8 (-1.4-18)
Arkansas	7.3 (5.4-9.5)	-50 (-56.3--42.5)	5.3 (4-6.7)	-32.4 (-40.3--23.1)	3.9 (3-5)	-8.4 (-21.9-7.4)	2.1 (1.6-2.8)	-1.5 (-16.2-16.4)	0.3 (0.2-0.4)	-4 (-19.5-14.4)	1.9 (1.4-2.4)	-18.4 (-29.6--5.5)
California	3 (2.6-3.4)	-20.1 (-26.8--11.7)	2.4 (2.1-2.7)	-7.4 (-13.4--0.7)	1.9 (1.7-2.1)	5 (-2.7-13.6)	1.2 (1.1-1.4)	9.1 (1.2-17.8)	0.2 (0.2-0.3)	0.4 (-8.6-10.7)	1 (0.9-1.1)	-9 (-15.4--2.1)
Colorado	2.9 (2-3.9)	-23.8 (-32.4--15)	2.3 (1.6-3)	-13.7 (-24-3)	1.8 (1.3-2.4)	-2.3 (-15.4-10.5)	1.1 (0.8-1.6)	1.8 (-11.3-15.7)	0.2 (0.1-0.3)	-16.9 (-28.7--3.9)	1 (0.7-1.3)	-15.1 (-25.9--4)
Connecticut	9.2 (7.7-11)	-19.4 (-26.9--11.6)	7.5 (6.3-8.8)	-6.6 (-14.4-1.4)	6.2 (5.2-7.2)	5.1 (-4.4-15.2)	3.7 (3.1-4.4)	13.9 (3.9-24.6)	0.6 (0.5-0.8)	3.9 (-6.7-15.4)	2.9 (2.5-3.5)	-8 (-15.8-0)
Delaware	26.8 (22.3-31.9)	-4.2 (-13.9-4.4)	20.8 (17.4-24.2)	8.3 (-0.7-17.6)	16.2 (13.7-18.9)	20.6 (10.9-32.2)	9.7 (8.2-11.5)	25.3 (15-37.6)	1.4 (1-1.7)	7.8 (-2-18.8)	7.8 (6.6-9.1)	3.4 (-4.5-12.8)
District of Columbia	25.1 (18-32.9)	-47.8 (-56.2--39.2)	16.3 (12.2-21.2)	-25.1 (-36.2--14.1)	10.6 (7.9-13.7)	12.6 (-7.4-35.8)	6.3 (4.7-8.2)	14.1 (-5.8-39.2)	1 (0.7-1.3)	11.1 (-10.1-38.7)	5.8 (4.3-7.5)	2.1 (-14.4-21.9)
Florida	13 (11.4-14.7)	-19.9 (-26.2--12.5)	10.3 (9.2-11.4)	-5.9 (-12-1.2)	8.2 (7.4-9.1)	8.6 (0.6-17.4)	5 (4.6-5.5)	15.3 (7.6-24.2)	0.8 (0.7-0.9)	16 (6.6-26.9)	3.9 (3.6-4.3)	-1.4 (-7.8-5.8)
Georgia	19.1 (16.8-21.5)	-11.3 (-19.2--2.9)	15 (13.4-16.6)	0 (-6.4-7.3)	11.8 (10.6-13.1)	12.3 (5.2-20.5)	7.4 (6.7-8.2)	17.7 (10.3-25.7)	1.3 (1.1-1.6)	4.4 (-3.2-13.5)	6.3 (5.8-6.9)	-1.1 (-7.2-5.6)
Hawaii	1 (0.3-2.1)	-52.2 (-80.5--26.7)	0.7 (0.3-1.6)	-43.4 (-76.5--10.8)	0.6 (0.2-1.3)	-33.8 (-72.8-7.8)	0.4 (0.1-0.8)	-31.2 (-71.9-10.6)	0.1 (0-0.1)	-40.2 (-74.5--5)	0.3 (0.1-0.6)	-42.4 (-76.4--7.6)
Idaho	1 (0.6-1.4)	-4.5 (-17.6-11.6)	0.8 (0.5-1.2)	5.5 (-8.6-23.1)	0.7 (0.5-1)	15.2 (-0.6-33.8)	0.4 (0.2-0.6)	17.6 (1.7-37.3)	0 (0-0.1)	0 (-16.3-19.5)	0.3 (0.2-0.5)	2.4 (-11.5-18.8)
Illinois	4.9 (4.1-5.7)	-45.8 (-52.4--39)	3.7 (3.2-4.2)	-26.4 (-32.6--19.4)	2.9 (2.4-3.3)	0 (-10.1-11.6)	1.8 (1.5-2.1)	6.4 (-4.7-18.2)	0.3 (0.2-0.4)	1.3 (-10.8-14.6)	1.5 (1.3-1.7)	-14.4 (-22.4--5.9)
Indiana	6.5 (5.5-7.5)	-18.2 (-25.9--10.1)	5.1 (4.4-5.8)	-4.4 (-11.7-2.9)	4 (3.5-4.6)	10.1 (1-19.5)	2.4 (2.1-2.8)	14.4 (5-24.3)	0.4 (0.3-0.5)	2.2 (-7.9-12.8)	2.1 (1.8-2.4)	-2.1 (-10.2-5.5)
Iowa	2 (1.2-2.8)	-35.6 (-46.2--24.6)	1.6 (1-2.2)	-25.2 (-37.4--13)	1.3 (0.8-1.8)	-14.4 (-29.1-0.7)	0.8 (0.5-1.1)	-11.1 (-27-5.4)	0.1 (0.1-0.2)	-17 (-33--0.2)	0.7 (0.4-0.9)	-21.8 (-35.5--8.3)
Kansas	4.6 (3.5-6)	-25.5 (-33.7--16.3)	3.6 (2.7-4.5)	-10.4 (-20.2--0.6)	2.8 (2.1-3.5)	7.5 (-6-21.2)	1.8 (1.4-2.3)	12.1 (-2.1-26.6)	0.3 (0.2-0.4)	3.7 (-11.5-19.5)	1.5 (1.1-1.9)	-3.3 (-14.8-8.5)
Kentucky	3.6 (2.7-4.6)	-19.8 (-27.4--11.4)	2.7 (2.1-3.5)	-4.6 (-13.5-5)	2.1 (1.6-2.7)	12.6 (0.6-26.3)	1.2 (0.9-1.5)	18.2 (5.6-33.5)	0.1 (0.1-0.2)	6.8 (-6.5-24.2)	1 (0.8-1.3)	0.1 (-9.8-11.6)
Louisiana	15.5 (13.1-17.9)	-31.2 (-38--22.9)	11.5 (10.1-13)	-14.5 (-21.2--6.8)	8.6 (7.6-9.8)	7.3 (-2.5-17.8)	5.2 (4.6-5.9)	11 (0.9-21.9)	0.8 (0.7-1)	3.5 (-7.3-15)	4.5 (4-5.1)	-6.3 (-14.5-2)
Maine	0.3 (0.1-0.7)	-17.1 (-71.7-0)	0.2 (0.1-0.5)	-4.3 (-64.2-18.8)	0.2 (0.1-0.4)	8 (-58.2-37.8)	0.1 (0-0.2)	14 (-58.5-49.4)	0 (0-0)	-4.2 (-69.7-31.4)	0.1 (0-0.2)	-10.2 (-66.5-15.4)
Maryland	19.8 (17-22.5)	-20.5 (-28.3--13.4)	15.6 (13.6-17.5)	-5.3 (-12.1-1.4)	12.4 (10.9-13.9)	10.7 (2-19.7)	7.5 (6.7-8.5)	16.6 (8-26.3)	1.3 (1-1.6)	1.8 (-6.5-10.9)	6.3 (5.6-7)	-2.7 (-9.9-4.8)
Massachusetts	8.5 (7.2-9.8)	-18.5 (-25.3--11.4)	7.1 (6-8.1)	-7.2 (-13.8-0)	5.9 (5-6.8)	3.1 (-5.5-12.2)	3.8 (3.2-4.4)	8.2 (-0.7-17.4)	0.7 (0.5-0.8)	1.9 (-7.6-12.4)	3 (2.5-3.5)	-8.8 (-16.1--1.4)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Michigan	9.4 (8.2-10.7)	-23.8 (-31.2--17.3)	7.5 (6.6-8.4)	-9.1 (-15.5--2.9)	6 (5.3-6.7)	6.4 (-1.8-15.7)	3.6 (3.2-4.1)	13.6 (4.9-22.9)	0.5 (0.4-0.7)	-1.4 (-10.3-9.1)	2.9 (2.6-3.2)	-9.4 (-15.8--2.5)
Minnesota	2.8 (1.9-3.7)	-24.3 (-35.2--14.1)	2.2 (1.5-2.9)	-11.3 (-23.4-1)	1.7 (1.2-2.3)	2.8 (-13.2-20.6)	1.1 (0.8-1.5)	8.7 (-7.8-28.5)	0.2 (0.1-0.3)	0.3 (-15.9-20.1)	0.9 (0.6-1.2)	-8.7 (-22.3-7)
Mississippi	23.4 (19.6-27.6)	-29.9 (-36.8--22.5)	17.1 (14.7-19.8)	-12.3 (-19.1--5.6)	12.5 (10.7-14.5)	10.4 (-0.1-21.1)	7.2 (6.2-8.3)	14.2 (4.1-25.3)	1 (0.8-1.2)	7.9 (-2.9-19.6)	6.2 (5.4-7.1)	-5.2 (-13-3)
Missouri	9.4 (7.9-10.9)	-24.4 (-31--17.1)	7.4 (6.3-8.5)	-10.8 (-18.1--3.7)	5.8 (5-6.7)	4.4 (-4.9-13.7)	3.4 (2.9-4)	11.5 (2-21.3)	0.5 (0.4-0.6)	3.9 (-6.3-15.3)	2.8 (2.5-3.3)	-6.5 (-13.9-1.3)
Montana	0.1 (0-0.3)	-18.9 (-88.2-0)	0.1 (0-0.2)	-5.1 (-84.7-20.6)	0 (0-0.2)	9.8 (-82.6-45.5)	0 (0-0.1)	14.2 (-82.2-54.7)	0 (0-0)	-8.7 (-87.9-28.8)	0 (0-0.1)	-5.6 (-84.7-25.7)
Nebraska	2.7 (1.7-3.9)	-32.3 (-43--22.6)	2 (1.3-3)	-18.9 (-31.8--7.5)	1.6 (1-2.2)	-2.5 (-19.9-14.8)	1 (0.6-1.5)	3.2 (-14.9-22.1)	0.2 (0.1-0.3)	-1.6 (-19.2-18.4)	0.9 (0.5-1.3)	-10.1 (-25.7-5.5)
Nevada	5.5 (4.3-6.9)	-24.3 (-34--15.5)	4.2 (3.4-5)	-7.5 (-16.9-2.7)	3.2 (2.5-3.9)	11.9 (-1.2-27.5)	2 (1.6-2.5)	17.2 (3-33.8)	0.4 (0.3-0.5)	0.3 (-12.5-15.6)	1.7 (1.4-2.1)	-1.7 (-12.6-10.9)
New Hampshire	1.1 (0.7-1.7)	-12.1 (-33.9-6.8)	1 (0.6-1.5)	-1.7 (-24.1-18.4)	0.8 (0.5-1.2)	7.4 (-16.9-31.2)	0.4 (0.3-0.7)	15.1 (-14.2-43)	0.1 (0-0.1)	-6 (-37.3-22.1)	0.3 (0.2-0.5)	-12.5 (-33.8-7.4)
New Jersey	10 (8.7-11.4)	-24.3 (-30.2--17.7)	8.2 (7.2-9.1)	-11.4 (-17.8--4.8)	6.7 (5.9-7.5)	1.3 (-6.4-9.7)	4.2 (3.7-4.7)	8.2 (-0.8-17.4)	0.7 (0.6-0.9)	2.8 (-6.6-13)	3.4 (3-3.8)	-9.1 (-15.9--2.3)
New Mexico	0.1 (0-0.2)	-8.7 (-71.9-0)	0.1 (0-0.2)	6.7 (-63.2-21.7)	0 (0-0.1)	23.8 (-54.2-48)	0 (0-0.1)	30.5 (-57.2-58)	0 (0-0)	9 (-71.4-36.9)	0 (0-0.1)	4.3 (-64.8-23.7)
New York	10.9 (9.8-12.1)	-17.4 (-24.4--10.6)	9.6 (8.6-10.6)	-6.2 (-12.4--0.3)	8.3 (7.4-9.2)	4.1 (-2.9-11.2)	5.3 (4.8-5.9)	10.4 (3.7-17.1)	1 (0.8-1.2)	4.4 (-3.5-13.3)	4.3 (3.9-4.7)	-5.9 (-11.4--0.3)
North Carolina	13 (11.4-14.9)	-17.9 (-25--10.2)	10.2 (9.1-11.4)	-4.8 (-10.9-2.1)	8.1 (7.2-9)	9.9 (2.9-17.9)	5.1 (4.6-5.7)	15.1 (7.7-23.5)	0.9 (0.7-1)	1.9 (-6.3-11.1)	4.2 (3.8-4.6)	-2.5 (-8.7-4.2)
North Dakota	0.1 (0-0.3)	-14.4 (-77-0)	0.1 (0-0.2)	0.8 (-71.1-21.8)	0.1 (0-0.2)	16.6 (-64.6-46.4)	0 (0-0.1)	18.6 (-65.7-51.5)	0 (0-0)	12.8 (-71.4-51.9)	0 (0-0.1)	8.5 (-68.8-36.7)
Ohio	6.8 (5.8-7.8)	-25.1 (-32.2--17.4)	5.4 (4.7-6)	-8.8 (-15.4--2.1)	4.2 (3.7-4.8)	9.2 (0-18.5)	2.6 (2.3-2.9)	16.4 (6.9-26.3)	0.4 (0.3-0.5)	5.2 (-5.3-16.9)	2.1 (1.9-2.4)	-4 (-11.6-3.4)
Oklahoma	4.2 (3-5.4)	-40.6 (-48.1--33)	3 (2.3-3.9)	-26.4 (-35.3--17.4)	2.3 (1.7-2.9)	-7.6 (-21.1-7.6)	1.3 (1-1.8)	-1.7 (-15.3-14.4)	0.2 (0.1-0.3)	-6.1 (-20.6-10.9)	1.2 (0.9-1.5)	-15.8 (-27.1--3.3)
Oregon	2.4 (1.6-3.3)	-7 (-14.7-5.1)	1.9 (1.4-2.6)	6.6 (-2.4-18.3)	1.6 (1.1-2.1)	20.2 (8.7-35.6)	0.9 (0.6-1.3)	23.5 (11.4-39)	0.1 (0.1-0.2)	2.6 (-10.6-17.7)	0.7 (0.5-1)	2.9 (-6.5-15)
Pennsylvania	6.6 (5.7-7.6)	-22.6 (-30.3--15.1)	5.2 (4.5-5.9)	-7 (-13.5--0.4)	4.1 (3.6-4.7)	9.2 (0.2-19.1)	2.5 (2.2-2.9)	15 (5.8-25)	0.4 (0.3-0.5)	7.5 (-2.2-18.4)	2 (1.8-2.2)	-2.6 (-10-4.9)
Rhode Island	2.4 (1.3-3.7)	-72 (-78.4--64.9)	1.8 (1-2.9)	-66 (-73.6--57.2)	1.5 (0.8-2.2)	-60 (-69.6--48.9)	1 (0.5-1.5)	-55.5 (-65.9--43.3)	0.2 (0.1-0.3)	-51.5 (-63.7--37.6)	0.7 (0.4-1.2)	-63.6 (-72.1--54)
South Carolina	12.7 (10.9-14.4)	-33.8 (-39.8--26.2)	9.7 (8.5-10.9)	-17.2 (-22.8--10.8)	7.5 (6.6-8.4)	3.5 (-4.8-12.7)	4.5 (4-5.1)	9.4 (0.3-18.6)	0.7 (0.6-0.9)	-4.7 (-14.3-5)	3.7 (3.4-4.2)	-10.1 (-16.9--3.2)
South Dakota	0.4 (0.1-1)	-33.9 (-77.5-0)	0.3 (0.1-0.7)	-21.5 (-71.2-21.6)	0.2 (0.1-0.5)	-6.9 (-64.5-48.3)	0.1 (0-0.3)	-2.8 (-65.5-56.5)	0 (0-0)	-6.2 (-70.4-55.4)	0.1 (0-0.3)	-15.6 (-68.9-34)
Tennessee	13.5 (11.6-15.3)	-17.3 (-24.6--9.6)	10.4 (9.1-11.7)	-3.2 (-9.8-3.7)	8 (7-9.1)	12.2 (3.4-21.6)	4.9 (4.3-5.6)	18.1 (9.1-27.5)	0.8 (0.6-0.9)	4.2 (-5.1-13.7)	4.1 (3.6-4.6)	0.4 (-6.9-8)
Texas	7.4 (6.4-8.3)	-10.9 (-17.9--1.9)	6.1 (5.4-6.8)	-0.5 (-7.1-7)	4.9 (4.4-5.5)	9.7 (2.3-18.2)	3.2 (2.9-3.5)	15.1 (7.8-23)	0.6 (0.5-0.7)	7.8 (-0.7-17.2)	2.8 (2.5-3.1)	0.1 (-6.1-6.6)
Utah	1.4 (0.9-1.9)	-17 (-30.7--3.8)	1.1 (0.8-1.5)	-6.4 (-20.7-7.4)	0.9 (0.6-1.2)	5.3 (-10.4-22.6)	0.5 (0.4-0.7)	4.1 (-13.2-23.7)	0.1 (0-0.1)	-1 (-22.7-23)	0.5 (0.4-0.7)	-6.8 (-21.7-9.4)
Vermont	0.1 (0-0.4)	-84.2 (-99-0)	0.1 (0-0.3)	-81.5 (-98.8-15.1)	0.1 (0-0.3)	-78.9 (-98.6-29.1)	0 (0-0.2)	-77.7 (-98.6-38.8)	0 (0-0)	-82.1 (-98.9-13.4)	0 (0-0.1)	-82.5 (-98.9-8.6)
Virginia	12 (10.3-13.8)	-24.3 (-31.8--15.7)	9.3 (8.2-10.5)	-7.4 (-13.9-0.8)	7.3 (6.4-8.3)	12.5 (2.5-23.2)	4.6 (4-5.3)	17.6 (7.4-28.9)	0.8 (0.7-1)	1.9 (-7.9-13.7)	3.8 (3.4-4.3)	-1 (-9.2-7.8)
Washington	2.5 (1.9-3.2)	-10.3 (-18.6--1.4)	2.1 (1.6-2.6)	0.3 (-9-10.5)	1.7 (1.3-2.2)	10.4 (-0.2-23.2)	1 (0.8-1.4)	13.1 (2.2-26.1)	0.2 (0.1-0.2)	-6 (-16.9-6.1)	0.9 (0.7-1.1)	-3.7 (-12.8-6.6)
West Virginia	1.1 (0.6-1.7)	-32.1 (-43--18.7)	0.8 (0.4-1.2)	-15.1 (-31.4-2.2)	0.6 (0.3-0.9)	8.3 (-17.5-35.4)	0.3 (0.2-0.6)	11 (-12.8-38.4)	0 (0-0.1)	-5 (-24-18.1)	0.3 (0.2-0.4)	-7.1 (-26.6-15)
Wisconsin	5.1 (4.1-6.2)	-27.5 (-35--20)	4.1 (3.3-5)	-15.8 (-23.9--7.6)	3.4 (2.7-4.1)	-4.1 (-14-6.7)	2 (1.6-2.5)	0.7 (-9.5-12)	0.3 (0.2-0.4)	-7.5 (-18.2-3.8)	1.6 (1.3-2)	-16 (-24.3--7)
Wyoming	0.1 (0-0.3)	-83.6 (-99-0)	0.1 (0-0.3)	-80.5 (-98.9-16.2)	0.1 (0-0.2)	-77 (-98.6-34.8)	0 (0-0.1)	-76.3 (-98.5-42.5)	0 (0-0)	-80.8 (-98.8-19.3)	0 (0-0.1)	-79.7 (-98.8-20.5)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Southern Latin America	0 (0-0.1)	0.8 (-4.6-25.9)	0 (0-0)	-0.7 (-8.2-26.4)	0 (0-0)	-0.1 (-10.9-29.7)	0 (0-0)	-6 (-17.3-15.5)	0 (0-0)	-2.9 (-18.6-18.4)	0 (0-0)	-14.8 (-23.8-6.5)
Argentina	0 (0-0.1)	-0.4 (-4.8-32.3)	0 (0-0)	-1.9 (-9.9-33.3)	0 (0-0)	-1 (-15-36.4)	0 (0-0)	-7.7 (-21.6-20.5)	0 (0-0)	-6.4 (-23.3-14.8)	0 (0-0)	-14.1 (-24.9-14.3)
Chile	0 (0-0.1)	2.9 (0-88.7)	0 (0-0)	1.9 (-10.3-77.7)	0 (0-0)	2.1 (-19.6-70.3)	0 (0-0)	-1.9 (-23.7-72.7)	0 (0-0)	-4.4 (-27.2-85.6)	0 (0-0)	-17.4 (-33.2-43)
Uruguay	0 (0-0.1)	2.6 (-0.2-37.4)	0 (0-0)	2.6 (-5.7-45.2)	0 (0-0)	1.9 (-11.6-49.9)	0 (0-0)	-2.5 (-15.7-37.1)	0 (0-0)	-1.3 (-18.9-27.9)	0 (0-0)	-11.3 (-21.5-26.9)
Western Europe	9.2 (7.2-11.6)	6.5 (3.2-9.9)	7.1 (5.7-8.9)	5.2 (2.1-8.5)	5.1 (4-6.3)	6.5 (3-9.9)	1.9 (1.5-2.5)	8.1 (4.9-11.4)	0.1 (0.1-0.2)	-1.7 (-5.5-2.2)	1.8 (1.4-2.2)	-3.8 (-6.7--0.9)
Andorra	6.3 (4.6-8.4)	0.2 (-7.8-9.6)	5 (3.7-6.5)	-0.3 (-8.1-8.6)	3.7 (2.7-4.8)	-1 (-9.2-8.2)	1.4 (1-1.8)	-3.3 (-11.7-5)	0.2 (0.1-0.2)	0.2 (-9.1-10.2)	1.2 (0.9-1.6)	-18.8 (-25.8--11.6)
Austria	3.8 (2.9-4.7)	25.3 (13-38.2)	3 (2.3-3.6)	24.9 (13-36.2)	2.2 (1.7-2.7)	23.1 (12.6-34.9)	0.8 (0.6-1.1)	21.9 (10.8-33.1)	0.1 (0-0.1)	22.7 (8.6-37.4)	0.8 (0.6-0.9)	9.2 (-0.1-18.4)
Belgium	2.6 (1.9-3.4)	-1.4 (-8.8-7.8)	2 (1.5-2.7)	-1.4 (-9.3-6.9)	1.5 (1.1-1.9)	-1.7 (-9.7-6.5)	0.5 (0.4-0.7)	-0.4 (-7.6-7.4)	0 (0-0.1)	-6 (-14.3-3.7)	0.5 (0.4-0.7)	-7.9 (-14.8--1.2)
Cyprus	41.4 (33.3-50.9)	0.9 (-7.5-11.2)	32.4 (26.4-39.1)	1.3 (-6.6-10.8)	23.4 (19.4-27.9)	0.4 (-7.2-9.3)	9.4 (7.8-11.3)	-10.7 (-16.7--3.7)	1 (0.7-1.3)	-14.1 (-21.4--5.7)	9.5 (8-11.1)	-18.2 (-23.9--11.7)
Denmark	11.8 (9.4-14.6)	0.2 (-7.8-8.9)	9.5 (7.6-11.6)	0.6 (-6.5-8.1)	7.1 (5.8-8.6)	-0.6 (-7.9-7)	3.1 (2.5-3.8)	4.9 (-2.6-12.7)	0.3 (0.2-0.3)	-15.1 (-22.4--7.6)	2.7 (2.3-3.3)	-8.2 (-14.5--1.4)
Finland	9.2 (7.5-11.3)	-5 (-13.8-4.8)	7.6 (6.2-9.2)	-5.4 (-13.8-3.3)	5.8 (4.8-7)	-5.2 (-13.3-3.7)	2.2 (1.8-2.7)	-5.8 (-13.6-2.4)	0.1 (0.1-0.2)	-35.2 (-43.1--26.2)	1.9 (1.6-2.3)	-18.3 (-25.2--11.4)
France	18.1 (14.6-22.3)	-3.1 (-10.1-5.1)	14.2 (11.5-17.5)	-3.1 (-10.3-5.2)	10.5 (8.3-13)	-2.1 (-10-6.1)	4.2 (3.3-5.3)	-0.2 (-8.1-8.3)	0.3 (0.2-0.4)	-14.8 (-23.3--6.4)	3.9 (3.1-4.9)	-11.7 (-18.5--4.7)
Germany	2.8 (2.1-3.7)	1.9 (-6.4-11.3)	2.2 (1.6-2.9)	1.7 (-6.3-11.7)	1.6 (1.2-2.1)	2.3 (-5.6-12.3)	0.6 (0.4-0.8)	6.2 (-1.1-15.4)	0 (0-0.1)	6.7 (-4.4-19)	0.5 (0.4-0.7)	-8 (-14.6-0)
Greece	1.4 (1-1.9)	-2.1 (-10.6-6.2)	1.1 (0.8-1.5)	-2.5 (-10.6-6)	0.8 (0.6-1.1)	-3 (-11.3-5.8)	0.3 (0.2-0.4)	-11.8 (-19.4--3.6)	0 (0-0)	-6.9 (-16.1-4.1)	0.3 (0.2-0.3)	-19.1 (-25.8--12)
Iceland	0.7 (0.5-0.9)	-0.4 (-19.2-17.9)	0.5 (0.4-0.8)	-0.3 (-18-17.8)	0.4 (0.3-0.6)	-0.6 (-16-16.4)	0.2 (0.1-0.2)	-2.7 (-16.8-14.1)	0 (0-0)	-12.2 (-24.7-1.4)	0.2 (0.1-0.2)	-15 (-27.9-0)
Ireland	5.1 (3.7-6.8)	-0.1 (-8.9-9.1)	4 (2.9-5.4)	-0.8 (-8.9-7.8)	3 (2.2-4)	-0.3 (-8.2-8.3)	1.1 (0.9-1.5)	-9.5 (-16.3--2.1)	0.1 (0.1-0.2)	-10.5 (-17.9--1.3)	1.2 (0.9-1.6)	-13 (-19.3--6)
Israel	8 (5.8-10.7)	-1.4 (-9.8-7.2)	6.2 (4.6-8.2)	-1.4 (-8.9-6.6)	4.5 (3.3-5.9)	-1.4 (-8.9-6.8)	2 (1.5-2.6)	-5 (-12.4-2.5)	0.2 (0.1-0.2)	-17.8 (-24.8--9.7)	2.4 (1.8-3.1)	-7.2 (-14.2-0.3)
Italy	3.8 (2.8-4.9)	17.1 (12.5-22.2)	3.3 (2.5-4.2)	19.6 (14.8-25.4)	2.5 (1.9-3.2)	24.6 (19-31.1)	0.9 (0.7-1.2)	16.8 (11.6-22.7)	0.1 (0.1-0.1)	24.3 (18.5-31.2)	0.8 (0.6-1)	5.2 (0.5-10.2)
Abruzzo	1 (0.5-1.8)	-14 (-54.5-3.4)	0.9 (0.4-1.6)	-14 (-54.5-3.3)	0.7 (0.3-1.2)	-13.7 (-54.1-3.9)	0.2 (0.1-0.4)	-17.1 (-54.5-1.9)	0 (0-0)	0.3 (-44.7-27.5)	0.2 (0.1-0.3)	-26.7 (-60.5--11)
Basilicata	0.1 (0-0.3)	-13.1 (-82.5-0)	0.1 (0-0.2)	-13.1 (-82.4-1.5)	0 (0-0.2)	-12.9 (-82.2-3.5)	0 (0-0.1)	-17.1 (-83-0.7)	0 (0-0)	-0.1 (-80.1-28.7)	0 (0-0)	-32.5 (-86.1--18.9)
Calabria	0.8 (0.4-1.2)	-14.7 (-44.2-5.2)	0.6 (0.4-1)	-14.8 (-43-5.5)	0.5 (0.3-0.7)	-14.2 (-41.5-5.5)	0.2 (0.1-0.3)	-23.1 (-47.1--5.7)	0 (0-0)	-2.5 (-30.5-24.5)	0.2 (0.1-0.2)	-32.8 (-54.4--17.3)
Campania	2.9 (1.9-4.1)	20.3 (6.6-36.4)	2.5 (1.7-3.5)	20.7 (7-36.7)	1.9 (1.3-2.7)	21.6 (8.7-37.5)	0.7 (0.5-1)	17 (4.9-32.1)	0.1 (0-0.1)	31.2 (15.8-52.5)	0.6 (0.4-0.9)	-3.2 (-13.4-9)
Emilia-Romagna	11.7 (9.4-14.1)	12.4 (3.3-21.2)	9.9 (8.1-11.9)	11.2 (2.5-20.6)	7.6 (6.2-9.2)	10.9 (1.9-19.5)	2.5 (2-3)	14.2 (5.4-24.2)	0.2 (0.1-0.3)	28.5 (16.9-42.8)	2.1 (1.8-2.6)	10.9 (2.7-19.6)
Friuli-Venezia Giulia	6.3 (4.5-8.4)	2.4 (-6.5-13.8)	5.4 (4-7.3)	1.8 (-7-13.6)	4.3 (3.1-5.7)	2.6 (-6.4-13.5)	1.2 (0.9-1.7)	8.4 (-1-20.6)	0.1 (0-0.1)	9.9 (-1.6-24.9)	1 (0.8-1.4)	-2.6 (-10.5-7.6)
Lazio	3.3 (2.3-4.5)	31.9 (18.1-47.1)	2.9 (2-3.9)	32.1 (17.9-47.3)	2.2 (1.6-3)	32.5 (18.6-47.2)	0.8 (0.6-1.1)	23.4 (10.6-37.6)	0.1 (0-0.1)	35.1 (18.3-54.6)	0.7 (0.5-0.9)	14.2 (2.9-26.3)
Liguria	5.2 (3.5-7.2)	8.9 (-1.3-17.9)	4.5 (3.1-6.3)	8.3 (-1.8-17.4)	3.5 (2.4-4.8)	8.1 (-1.8-16.8)	1.1 (0.8-1.6)	10.7 (1.1-20.4)	0.1 (0-0.1)	18.6 (6.1-33)	0.9 (0.6-1.2)	2 (-7-10.7)
Lombardia	2.7 (2-3.4)	16.4 (6.2-27.2)	2.3 (1.7-3)	16.3 (5.7-27.3)	1.8 (1.4-2.4)	16.9 (6.8-27.9)	0.7 (0.5-0.9)	22.4 (11.5-36)	0.1 (0-0.1)	33.9 (18.3-53.6)	0.6 (0.4-0.7)	10.7 (1.1-21.9)
Marche	4.9 (3.4-6.8)	18.3 (7-31.5)	4.1 (2.9-5.7)	18.5 (7.7-31.4)	3.2 (2.2-4.3)	19.7 (8.8-32.3)	1.2 (0.9-1.7)	24.3 (13.3-37.2)	0.1 (0.1-0.2)	50.6 (34-69.9)	1 (0.7-1.3)	12 (1.7-23.7)
Molise	0.6 (0.3-1.2)	-16.3 (-61.9-0)	0.5 (0.2-1)	-15.8 (-61.6-3.3)	0.4 (0.2-0.8)	-14.6 (-61.6-6.4)	0.1 (0.1-0.3)	-16.5 (-62.1-5.5)	0 (0-0)	-4.3 (-54.9-26.9)	0.1 (0-0.2)	-31 (-68.9--14.4)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Piemonte	4.9 (3.6-6.5)	26 (13.3-37.9)	4.2 (3.1-5.6)	25.9 (13.9-37.2)	3.2 (2.4-4.3)	26 (14.7-38.3)	1 (0.8-1.4)	21 (10.4-32.6)	0.1 (0.1-0.1)	19.8 (6.4-35.9)	0.9 (0.7-1.2)	13.4 (4.1-24.2)
Provincia autonoma di Bolzano	1.4 (0.8-2.1)	14 (-2.5-31.6)	1.2 (0.7-1.8)	13.8 (-2.7-30.6)	0.9 (0.5-1.3)	12.9 (-4.1-29.6)	0.4 (0.2-0.5)	21.7 (4.3-40.1)	0 (0-0.1)	45.9 (23.1-70.8)	0.3 (0.2-0.5)	2.7 (-12.2-17.6)
Provincia autonoma di Trento	0.8 (0.3-1.6)	-14 (-53.4-0)	0.7 (0.2-1.4)	-14.1 (-53.7-1.2)	0.5 (0.2-1)	-14.5 (-54.7-2.3)	0.2 (0.1-0.4)	-8.6 (-49.2-11.8)	0 (0-0)	-5.4 (-45-19.6)	0.2 (0.1-0.3)	-21.6 (-56.6--6.2)
Puglia	1.3 (0.8-1.8)	9.3 (-17-35.5)	1.1 (0.7-1.6)	9.6 (-15.9-35.3)	0.8 (0.5-1.2)	10.5 (-14.9-36.7)	0.3 (0.2-0.5)	15.1 (-12.9-42)	0 (0-0)	28 (-6.5-65.3)	0.3 (0.2-0.4)	-9.2 (-30.9-11.1)
Sardegna	0.6 (0.3-1)	-14.5 (-47.4-6.3)	0.5 (0.3-0.8)	-14.1 (-46.6-4.8)	0.4 (0.2-0.6)	-14.2 (-46.4-5.6)	0.1 (0.1-0.2)	-23.5 (-50.5--5)	0 (0-0)	-15.5 (-45.8-7.2)	0.1 (0.1-0.2)	-36.4 (-59.5--21.4)
Sicilia	4 (2.9-5.3)	11.7 (2.3-22.5)	3.4 (2.5-4.5)	11.5 (2.1-22.2)	2.6 (2-3.4)	11.5 (1.8-22.3)	1.1 (0.8-1.4)	7.6 (-0.7-17.9)	0.1 (0.1-0.2)	18.6 (7.3-32.4)	0.9 (0.7-1.1)	-8.3 (-15.5-0.7)
Toscana	1.9 (1.1-2.8)	-5.3 (-13.6-4.3)	1.6 (1-2.4)	-5.6 (-13.9-3.7)	1.3 (0.8-1.9)	-5.2 (-13.4-3.6)	0.5 (0.3-0.7)	-5.8 (-13.4-3.5)	0 (0-0.1)	3.6 (-7.4-16.4)	0.4 (0.2-0.5)	-10.6 (-17.5--2)
Umbria	3.1 (2-4.7)	-8 (-20.2-1.7)	2.7 (1.8-4)	-8.7 (-20.8-0.8)	2.1 (1.4-3)	-8 (-20.7-1.6)	0.6 (0.4-0.9)	-7.6 (-21.5-2.7)	0 (0-0.1)	3 (-17.4-17.4)	0.5 (0.4-0.8)	-12.7 (-25.5--4)
Valle d'Aosta	0.1 (0-0.4)	-10.9 (-77.8-0)	0.1 (0-0.3)	-11.4 (-77.9-1.1)	0.1 (0-0.3)	-11.3 (-77.7-3.5)	0 (0-0.1)	-5.5 (-76.4-12.5)	0 (0-0)	-0.4 (-74.3-27.4)	0 (0-0.1)	-17.3 (-79.3--2.9)
Veneto	6 (4.6-7.6)	16.6 (7.5-27.4)	5.2 (4-6.6)	16.5 (7.4-27.4)	4.1 (3.2-5.2)	17.1 (8.1-27.3)	1.5 (1.1-1.9)	17.8 (9-28.3)	0.1 (0.1-0.2)	23 (10.6-37.1)	1.2 (1-1.5)	4.7 (-2.9-13.3)
Luxembourg	65.7 (53.7-79.7)	-7.3 (-15.2-3.2)	54 (44.8-63.9)	-7.9 (-15.7-0.9)	42.6 (35.7-50.5)	-7.6 (-15.2-1.1)	19.1 (16.1-22.5)	-8 (-14.3--1.1)	2.1 (1.6-2.8)	2.3 (-7.1-12.2)	17.4 (14.8-20.3)	-16.3 (-22--9.6)
Malta	14.1 (10.4-18.4)	-1.3 (-9-7.2)	11.2 (8.4-14.2)	-0.9 (-8.4-7.8)	8.4 (6.4-10.7)	-1.2 (-8.6-7)	3.5 (2.7-4.4)	-9.1 (-16.3--2.5)	0.3 (0.2-0.4)	-39.9 (-45.6--34)	3 (2.3-3.8)	-23.5 (-29.6--17.9)
Monaco	4.8 (3.5-6.5)	0 (-8.8-10.6)	3.9 (2.8-5.2)	-0.9 (-9.7-7.9)	2.9 (2.1-3.9)	-0.9 (-9.8-7.3)	1.1 (0.8-1.4)	7.7 (-1.1-17.5)	0.1 (0.1-0.1)	1.2 (-8.4-12.9)	0.9 (0.6-1.1)	-1.9 (-10.2-6.4)
Netherlands	1 (0.8-1.4)	0.8 (-9.2-15.6)	0.8 (0.6-1.1)	0.4 (-9-13.9)	0.6 (0.5-0.8)	-0.1 (-8.4-13)	0.3 (0.2-0.3)	5.1 (-3.2-16.5)	0 (0-0)	-16.7 (-25.4--6.5)	0.2 (0.2-0.3)	-12.9 (-19.2--2.4)
Norway	1 (0.7-1.5)	-0.1 (-6.8-5.5)	0.9 (0.6-1.2)	-0.2 (-7.1-4.9)	0.7 (0.4-1)	-0.2 (-7.3-4.3)	0.2 (0.1-0.3)	2.4 (-3.8-7.2)	0 (0-0)	-6.2 (-12--1.1)	0.2 (0.1-0.3)	-9.3 (-15.1--4.8)
Agder	1 (0.6-1.5)	-1.3 (-13.5-12.4)	0.9 (0.5-1.2)	-0.5 (-13.3-13)	0.6 (0.4-1)	-1.5 (-13.8-12)	0.2 (0.1-0.3)	-0.2 (-12-12.9)	0 (0-0)	-7.7 (-20.6-9.2)	0.2 (0.1-0.3)	-11.8 (-22--0.7)
Innlandet	1 (0.6-1.5)	-0.9 (-29.2-15.1)	0.8 (0.5-1.3)	-1.5 (-28.8-14.4)	0.7 (0.4-1)	-0.9 (-28.2-15.4)	0.2 (0.1-0.3)	4.2 (-22.9-21.4)	0 (0-0)	-10.5 (-33.7-8.2)	0.2 (0.1-0.3)	-12.7 (-35.6-1.8)
Møre og Romsdal	0.9 (0.6-1.4)	-1.7 (-27.8-7)	0.8 (0.5-1.2)	-2.2 (-28.6-6.4)	0.6 (0.4-0.9)	-2.6 (-29.2-6.6)	0.2 (0.1-0.3)	0.2 (-25.5-11.5)	0 (0-0)	-11.8 (-31.7-1.3)	0.2 (0.1-0.3)	-13.8 (-36.3--5.3)
Nordland	1 (0.6-1.5)	-0.4 (-12.9-9.5)	0.8 (0.5-1.2)	-0.3 (-13-10)	0.6 (0.4-0.9)	-0.5 (-13.4-10.9)	0.2 (0.1-0.3)	4.5 (-7.8-17.9)	0 (0-0)	-10.8 (-24.1-4.2)	0.2 (0.1-0.3)	-14.9 (-25.2--4.8)
Oslo	1 (0.6-1.5)	-1.1 (-14.5-16.2)	0.9 (0.5-1.3)	-0.5 (-13.2-15.5)	0.7 (0.4-1)	-1.7 (-14.7-13.3)	0.2 (0.1-0.3)	-0.7 (-14.1-15.2)	0 (0-0)	4.3 (-12.6-22.9)	0.2 (0.1-0.4)	-0.2 (-13.6-14.6)
Rogaland	1 (0.6-1.4)	-0.3 (-13.4-12.1)	0.8 (0.5-1.2)	-1.1 (-13.9-10.8)	0.7 (0.4-1)	-1.2 (-14.1-10.9)	0.2 (0.1-0.3)	-1 (-14.6-9.8)	0 (0-0)	-4.5 (-23.1-10.3)	0.2 (0.2-0.4)	-11.7 (-23.2--2.1)
Troms og Finnmark	1 (0.6-1.5)	-0.1 (-11.9-11.4)	0.8 (0.5-1.2)	-1.4 (-13-9.2)	0.6 (0.4-0.9)	-1.5 (-13.4-9.7)	0.2 (0.1-0.3)	6.4 (-7-18.8)	0 (0-0)	-14.5 (-27.1--0.3)	0.2 (0.1-0.3)	-14.7 (-25.2--5.3)
Trøndelag	1 (0.6-1.5)	0 (-18.5-13.8)	0.8 (0.5-1.2)	0.2 (-18.1-14.8)	0.6 (0.4-0.9)	0.5 (-16.5-14.7)	0.2 (0.1-0.3)	4.7 (-15.5-19.6)	0 (0-0)	-8.3 (-23.9-8.4)	0.2 (0.1-0.3)	-8.6 (-25.3-6.2)
Vestfold og Telemark	1 (0.6-1.5)	-0.4 (-14.3-16)	0.8 (0.5-1.3)	-0.8 (-13.6-14.9)	0.7 (0.4-1)	0.5 (-12.7-16.5)	0.2 (0.1-0.3)	3.9 (-9.4-19.4)	0 (0-0)	-9.4 (-22.3-8.8)	0.2 (0.1-0.3)	-12 (-23.5-1.7)
Vestland	1 (0.6-1.5)	0.3 (-10.3-13.9)	0.9 (0.5-1.2)	0.6 (-9.9-14.2)	0.7 (0.4-1)	-0.3 (-10.8-13.1)	0.2 (0.1-0.3)	0.9 (-9.6-14.1)	0 (0-0)	-5.2 (-16.5-9.3)	0.2 (0.2-0.4)	-10.1 (-19.4-2.6)
Viken	1 (0.7-1.6)	1 (-12.6-23.5)	0.9 (0.6-1.3)	0.3 (-13.2-23.3)	0.7 (0.4-1)	0.7 (-11.4-22.4)	0.2 (0.1-0.3)	4.6 (-9.3-24.3)	0 (0-0)	-6.7 (-19.5-8.7)	0.2 (0.1-0.3)	-8.3 (-19.6-10.2)
Portugal	7.5 (5.3-9.9)	-0.5 (-7.7-10.2)	5.6 (4.1-7.4)	-1.3 (-8.4-8.5)	3.9 (2.8-5.1)	-1.3 (-9.5-8.5)	1.4 (1-1.8)	-9.4 (-16.4--1.1)	0.1 (0.1-0.1)	-7.8 (-16.9-2.5)	1.2 (0.9-1.5)	-22.6 (-28.5--15.7)
San Marino	4.8 (3.5-6.4)	-0.3 (-7.5-7.9)	3.9 (2.8-5.1)	-0.6 (-7.8-7.9)	2.9 (2.1-3.8)	-1 (-8.6-7.7)	1.2 (0.9-1.6)	-2.1 (-9.8-5.9)	0.1 (0.1-0.2)	6.3 (-2.7-16.9)	1.1 (0.8-1.4)	-12.7 (-19.3--5.7)
Spain	0.8 (0.6-1.1)	-0.6 (-16.4-10)	0.7 (0.4-0.9)	-1.7 (-16-7.6)	0.5 (0.3-0.7)	-0.9 (-15.5-8.4)	0.2 (0.1-0.2)	-11.7 (-23.1--3.3)	0 (0-0)	6 (-7.2-18.5)	0.2 (0.1-0.2)	-15.2 (-26.7--7.7)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Sweden	1.8 (1.4-2.5)	6.6 (-1-14.3)	1.5 (1.1-2)	6.3 (-1-14.1)	1.1 (0.8-1.5)	5.7 (-1.6-13.4)	0.4 (0.3-0.6)	6.1 (-0.4-13.8)	0 (0-0.1)	-8.8 (-15.6--0.6)	0.4 (0.3-0.6)	2.6 (-3.8-9.8)
Stockholm	1.8 (1.3-2.5)	7 (-1.9-17.8)	1.5 (1.1-2)	6.1 (-2.5-17.1)	1.1 (0.8-1.5)	5.6 (-2.8-16.5)	0.4 (0.3-0.6)	5.1 (-2.9-15.7)	0 (0-0.1)	-4.2 (-13.6-7.7)	0.5 (0.3-0.6)	3.9 (-3.9-14.1)
Sweden except Stockholm	1.8 (1.4-2.5)	6.5 (-2.2-15.9)	1.5 (1.1-2)	6.4 (-2.1-15.7)	1.1 (0.9-1.5)	5.8 (-2.5-14.7)	0.5 (0.3-0.6)	6.6 (-1.2-15.7)	0 (0-0)	-10.3 (-18.2--0.1)	0.4 (0.3-0.6)	2.1 (-4.9-10.3)
Switzerland	36.4 (31.5-40.9)	3.1 (-3.8-10.9)	30.6 (26.9-34.1)	2.7 (-4.1-9.7)	24.6 (21.9-27.6)	2.5 (-4.1-9.5)	9.6 (8.5-10.9)	2 (-3.8-8.3)	0.9 (0.7-1.2)	0.1 (-8.6-10.1)	8.6 (7.8-9.6)	-7.9 (-13.3--2.2)
United Kingdom	16.4 (11.8-22)	5.8 (3.9-7.7)	12.8 (9.3-17.1)	10.6 (8.8-12.5)	8.4 (6-11.3)	11.1 (9.2-13)	3.3 (2.3-4.6)	6.4 (4.5-8.4)	0.2 (0.1-0.3)	5 (2.6-7.8)	3.3 (2.4-4.4)	1 (-0.6-2.8)
England	18.2 (13.1-24.4)	4.8 (2.9-6.8)	14.1 (10.2-18.9)	9.2 (7.4-11.1)	9.3 (6.6-12.6)	10.5 (8.5-12.5)	3.6 (2.6-5.1)	6 (4.1-8)	0.2 (0.1-0.3)	6.4 (3.8-9.5)	3.6 (2.6-4.9)	1.4 (-0.3-3.1)
East Midlands	10.1 (6.9-14.3)	10.5 (4.7-17.5)	8.1 (5.6-11.4)	15 (8.8-22.7)	5.6 (3.8-7.9)	14.1 (7.6-23.1)	2 (1.4-3)	12.8 (6.6-22.5)	0.1 (0.1-0.2)	2.9 (-4.5-16.3)	2 (1.4-2.9)	3.6 (-1.4-11.7)
Derby	9.4 (5-15.6)	3.6 (-9.7-17.2)	7.9 (4.2-13)	3.2 (-8.4-17.6)	5.8 (3-9.5)	3.2 (-9.4-18.1)	2 (1-3.5)	4.7 (-8.4-20.7)	0.1 (0.1-0.3)	15.5 (-2.5-37.6)	2.3 (1.2-3.8)	2.1 (-9.9-17)
Derbyshire	0.3 (0-1.3)	36.9 (0-2460)	0.2 (0-1.1)	36.8 (-1.7-2440)	0.2 (0-0.8)	33.8 (-4.6-2390)	0.1 (0-0.3)	43.7 (-1.4-2610)	0 (0-0)	23.1 (-18.2-2420)	0.1 (0-0.3)	19.5 (-15.8-2120)
Leicester	20.5 (14.2-28.6)	0.8 (-11.1-12.4)	17.1 (12-24.1)	0 (-11.5-10.6)	12.3 (8.5-17)	0.1 (-10.9-11.9)	4.4 (3-6.3)	0.5 (-11.7-13.8)	0.3 (0.2-0.5)	8.7 (-7.5-28.3)	5.2 (3.7-7.2)	-2 (-13.2-9.3)
Leicestershire	0.3 (0-1.8)	53.4 (0-2590)	0.3 (0-1.5)	53.6 (-1.8-2610)	0.2 (0-1.1)	51.2 (-4.4-2530)	0.1 (0-0.5)	59.9 (-2.5-2650)	0 (0-0)	30.4 (-21.8-2280)	0.1 (0-0.4)	37 (-14.6-2260)
Lincolnshire	0.3 (0-1.8)	52.6 (0-2590)	0.3 (0-1.5)	53.1 (-1.5-2560)	0.2 (0-1.1)	50.8 (-3.9-2430)	0.1 (0-0.4)	58 (-3.4-2470)	0 (0-0)	35.8 (-18.7-2170)	0.1 (0-0.4)	37.2 (-13.7-2190)
Northamptonshire	23.8 (16.8-32.3)	1.8 (-7.9-11.7)	19.9 (14-26.8)	1.6 (-8.1-11.9)	14.7 (10.2-20.1)	-0.3 (-10.9-10.1)	4.9 (3.3-7.2)	1.4 (-6.9-11.4)	0.4 (0.2-0.6)	-9.2 (-18.7-2.7)	5.3 (3.8-7.4)	-7.2 (-15.8-2.1)
Nottingham	39.6 (26.5-56)	1.7 (-8.6-12.9)	30.9 (21.2-43.7)	1.4 (-8.6-11.3)	20.5 (13.7-28.9)	-0.2 (-9.5-9.2)	7.5 (5.2-10.9)	-4.2 (-13.5-4.3)	0.5 (0.3-0.8)	24.3 (10.1-41.4)	8.7 (6-12.5)	-0.9 (-10.3-7.4)
Nottinghamshire	0.3 (0-1.3)	36.6 (0-2150)	0.2 (0-1.1)	36.2 (-1.8-2080)	0.2 (0-0.8)	34.1 (-4.2-2040)	0.1 (0-0.3)	41 (-2.3-2220)	0 (0-0)	22.8 (-16.7-1850)	0.1 (0-0.3)	23.3 (-12.7-1870)
Rutland	1 (0-4.7)	53.2 (0-957)	0.8 (0-3.9)	55.4 (-1.6-949)	0.6 (0-2.8)	53.9 (-4.3-918)	0.3 (0-1.2)	63.5 (-1.2-889)	0 (0-0.1)	21.8 (-27.9-638)	0.2 (0-1)	34.8 (-16.9-752)
East of England	10.9 (6.4-16.6)	-8.8 (-14.6--3.9)	9.1 (5.3-13.7)	-8.3 (-14--3.6)	6.6 (3.9-10.1)	-8 (-13.7--3.4)	2.5 (1.4-3.9)	-5.6 (-11.5--0.9)	0.2 (0.1-0.3)	-10.9 (-17.8--5.2)	2.4 (1.4-3.7)	-14 (-19.4--9.8)
Bedford	26.6 (16.2-40.4)	-23.9 (-32.4--15.4)	21.1 (12.9-31.7)	-22.7 (-31.2--13.7)	14.8 (8.9-22.1)	-21.1 (-29.1--12.3)	5.4 (3.3-8.3)	-19.9 (-28.7--10.2)	0.4 (0.2-0.7)	-19 (-29.5--6.2)	5.7 (3.5-8.4)	-26.3 (-33.9--17.9)
Cambridgeshire	4.4 (1.9-8.1)	9.8 (-2.7-26.5)	3.6 (1.6-6.8)	9.5 (-3.3-26)	2.5 (1.1-4.7)	7.4 (-4.7-23.7)	1 (0.4-1.9)	5.1 (-8.8-22.2)	0.1 (0-0.2)	-2.2 (-17.9-17.6)	1 (0.4-1.8)	-2.4 (-14.2-12.5)
Central Bedfordshire	0.4 (0-2)	29.2 (0-1490)	0.4 (0-1.7)	28.8 (-1.8-1490)	0.3 (0-1.2)	27.3 (-4.6-1510)	0.1 (0-0.5)	33.1 (-2.8-1540)	0 (0-0)	10.7 (-22.4-1310)	0.1 (0-0.5)	12.9 (-15.9-1290)
Essex	11.4 (6.4-17.7)	5.9 (-2.2-14.2)	9.7 (5.4-14.9)	5.7 (-2.4-13.6)	7.2 (4-11)	4.2 (-3.3-11.8)	2.7 (1.5-4.4)	8.1 (-0.9-17.9)	0.2 (0.1-0.4)	-5.3 (-15.8-7.3)	2.6 (1.4-4)	-4.3 (-11.4-2.8)
Hertfordshire	10.9 (6.8-15.8)	3.6 (-2.6-10.6)	9.1 (5.7-13.4)	3.3 (-3-10.3)	6.8 (4.2-10)	2.1 (-5.4-9.6)	2.7 (1.6-4.2)	5 (-3.2-14.1)	0.2 (0.1-0.4)	0.2 (-10.4-12.2)	2.7 (1.7-4.1)	-2.5 (-9.8-4.8)
Luton	18.6 (10.7-28.6)	2.9 (-4.2-10.7)	14.7 (8.4-22)	2.1 (-4.9-9.6)	9.9 (5.6-15)	0.9 (-6.5-9.9)	3.5 (2-5.8)	-2.3 (-10.4-6.2)	0.3 (0.1-0.5)	7 (-5.8-20.1)	4.5 (2.6-6.8)	0.1 (-7-8.2)
Norfolk	5.3 (3-8.3)	4.6 (-6.1-18.1)	4.6 (2.6-7.1)	5.2 (-5.5-18.5)	3.6 (2-5.6)	4.8 (-6-18.7)	1.2 (0.7-2)	8.4 (-5.6-22.8)	0.1 (0-0.1)	-8.9 (-23.9-8.3)	1.1 (0.6-1.8)	-2.1 (-12.9-10.3)
Peterborough	4.6 (1.9-10)	7.9 (-4.2-28.1)	3.8 (1.5-8.3)	9.5 (-2.9-28.7)	2.8 (1.1-5.8)	8.3 (-4.7-26.5)	0.9 (0.4-1.9)	7.3 (-6.4-25.9)	0.1 (0-0.2)	8.5 (-9.2-30.8)	1.1 (0.4-2.3)	7.7 (-4.7-25.9)
Southend-on-Sea	0.5 (0-2.1)	21.2 (0-1030)	0.4 (0-1.7)	21.4 (-2-1010)	0.3 (0-1.2)	20.4 (-4.9-985)	0.1 (0-0.5)	18.1 (-8.5-943)	0 (0-0)	31.6 (-2.8-1040)	0.1 (0-0.5)	15.3 (-9.2-932)
Suffolk	18.6 (10.9-28.2)	-33.1 (-43.2--22.9)	15.4 (9.1-23.4)	-32.1 (-42.2--22.7)	11.2 (6.8-16.6)	-30.6 (-41.1--21)	4.3 (2.6-6.7)	-26 (-37--16)	0.3 (0.2-0.6)	-27.9 (-38.6--17.2)	4 (2.4-6)	-36.4 (-45.8--27.8)
Thurrock	31.1 (19.6-44.4)	1.5 (-7.4-9.6)	25.2 (15.8-35.9)	0.7 (-8.5-9.2)	18.1 (11.1-26.2)	-0.5 (-9.2-8.1)	6.4 (3.9-9.8)	0.2 (-8.9-9)	0.6 (0.3-1)	-0.6 (-11.8-13.2)	7.4 (4.7-10.6)	-2.8 (-11.7-5.2)
Greater London	52.6 (40.5-66.8)	-6.4 (-9--4)	41.6 (32.3-52.4)	-5.3 (-7.9--3.1)	29 (21.8-36.8)	-5.2 (-7.5--3.1)	10.7 (8.1-14.2)	-5.7 (-8.1--3.5)	1 (0.6-1.4)	14.2 (11-17.6)	12.5 (9.7-16)	-4.8 (-7.1--2.8)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Barking and Dagenham	66.1 (51.8-83.9)	-6 (-13.7-3.6)	53.4 (42-66.6)	-6 (-13.1-3.3)	38.1 (29.5-48.3)	-6.4 (-13.8-1.9)	14.1 (10.9-18.3)	-5.1 (-12.4-3.2)	1.4 (0.9-2)	31.9 (20-45.2)	19.2 (15.2-24.1)	7.4 (-0.6-16.6)
Barnet	44.1 (32.8-57.2)	-3.8 (-11.2-3.9)	36.4 (27.3-46.8)	-4.3 (-12.1-3.5)	26.7 (20-34.7)	-5.7 (-12.9-2.3)	10.4 (7.8-13.8)	-5.2 (-12.4-2.4)	1 (0.7-1.4)	0.1 (-8.9-10.3)	11.6 (8.8-14.9)	-3.6 (-10.8-3.9)
Bexley	23.4 (14.9-33.4)	-16.8 (-25.2--8.8)	19.8 (12.8-28.3)	-15.7 (-24.6--7.6)	14.8 (9.6-21.3)	-15.5 (-24.3--7)	5.8 (3.6-8.7)	-11.2 (-19.7--2.5)	0.5 (0.3-0.8)	-11.6 (-21.2-0.3)	6 (3.9-8.6)	-16.1 (-24.3--8.4)
Brent	45.3 (34.5-58.8)	0.6 (-7.8-9.7)	35.2 (26.9-44.6)	-1.2 (-9.4-7.3)	23.6 (17.9-30.7)	-2.2 (-10.3-6.5)	8.9 (6.7-11.9)	-4.8 (-12.2-3.6)	0.8 (0.5-1.2)	7.5 (-2.7-20.5)	10.6 (8.3-13.7)	-0.9 (-8.8-7.1)
Bromley	19.5 (11-29.5)	3.2 (-5.5-11.8)	16.5 (9.4-25.1)	2.7 (-5.9-12.6)	12.6 (7.1-19)	1.7 (-6.2-12.5)	4.9 (2.7-7.9)	4.6 (-3.2-14.1)	0.5 (0.2-0.8)	3.8 (-5.9-14.8)	4.9 (2.7-7.5)	-1.2 (-8.5-8.2)
Camden	36 (25.1-49.7)	-23.2 (-30.7--15.9)	29.2 (20.4-40.6)	-23.3 (-30.5--16.4)	20.5 (14.2-28.1)	-23.4 (-30.8--15.4)	7.5 (5.3-10.6)	-24 (-30.8--16.3)	0.6 (0.4-0.9)	-22.8 (-31.3--12.9)	7.9 (5.7-11)	-27.8 (-34.2--21)
Croydon	53.6 (40.8-68.5)	2.9 (-5-13.3)	43.3 (33.1-55)	2.3 (-5.4-12.5)	30.9 (23.4-40)	1.3 (-6.3-11.2)	11.5 (8.5-15.3)	2.6 (-6.2-11.3)	1 (0.7-1.6)	6 (-4.9-16.3)	13.5 (10.4-17.2)	2.7 (-4.7-12)
Ealing	25.6 (18-34.5)	-13.2 (-20.2--6.1)	20.7 (14.7-28)	-14 (-21.2--6.8)	14.5 (10.1-19.7)	-15.2 (-22--7.9)	5.4 (3.7-7.8)	-15.4 (-22.6--7.3)	0.5 (0.3-0.8)	-5.3 (-15.5-6.4)	6.3 (4.5-8.8)	-13.9 (-20.8--6.8)
Enfield	111 (88.1-138)	-8.2 (-15.5--0.7)	91.3 (72.8-112)	-8.7 (-16.3--1.4)	66.1 (52.4-81.6)	-9.5 (-17--2.3)	26.9 (21.1-34.6)	-3.9 (-11.5-3.7)	2.6 (1.8-3.7)	7.6 (-2.5-17.8)	30.3 (24.4-37.6)	-3.4 (-10.8-3.7)
Greenwich	57.6 (43.9-73.7)	-1.4 (-9.4-6.8)	46.7 (35.6-59.9)	-1.7 (-9.9-6.7)	32.8 (24.9-42.2)	-3.1 (-11.2-5.5)	11.7 (8.7-15.6)	-4.6 (-12.9-3.9)	1.1 (0.7-1.7)	19.5 (7.3-32.6)	14.6 (11.3-18.7)	-0.9 (-8.6-7.4)
Hackney	164 (129-203)	-5.7 (-13.6-3.6)	131 (103-162)	-6.1 (-13.8-3)	90.7 (70.3-114)	-6.1 (-13.9-3.1)	31.2 (23.9-40.2)	-10.2 (-17.4--2)	3.2 (2.2-4.7)	16.5 (5.1-29.3)	39.6 (31.5-49.3)	-11.9 (-18.4--3.7)
Hammersmith and Fulham	36.6 (23.7-52.8)	-18.9 (-26.5--9.7)	29.2 (19-41.6)	-20 (-27.7--11)	20.4 (13.4-28.9)	-20.6 (-28.6--11.9)	7 (4.6-10.4)	-23.2 (-30.8--13.7)	0.6 (0.4-1.1)	-1 (-12.8-12.8)	8.1 (5.4-11.5)	-22.4 (-29.5--14.1)
Haringey	167 (131-209)	-4.9 (-12.2-3.6)	132 (105-163)	-5.5 (-12.2-3.3)	90.7 (70.5-115)	-5.8 (-12.9-2.8)	32.8 (25.6-42.6)	-9.1 (-16.1--1.4)	3.4 (2.3-4.9)	11.9 (1.5-23.3)	38.7 (31-48.5)	-10.9 (-17.2--3.7)
Harrow	4.8 (2-9.1)	6.1 (-6.3-21.9)	4.1 (1.7-7.8)	4 (-7.7-18.5)	3.1 (1.3-5.9)	2.8 (-9.1-17)	1.2 (0.5-2.5)	7.4 (-6.2-24.7)	0.1 (0-0.2)	2.4 (-13.7-24.1)	1.3 (0.6-2.6)	6.4 (-7-21.8)
Havering	10.9 (4.7-19.8)	5.9 (-2.8-19.9)	9 (3.8-16.6)	6.1 (-2.6-20.3)	6.8 (2.8-12.3)	4.9 (-4-19)	2.7 (1.1-5.1)	8.4 (-0.8-21.6)	0.2 (0.1-0.5)	0.1 (-12.2-15.1)	2.7 (1.1-5)	4.9 (-3.9-18.9)
Hillingdon	11 (4.7-19.7)	6.6 (-4.6-17.4)	8.9 (3.8-16.2)	6.4 (-4.4-16.1)	6.4 (2.7-11.6)	5.1 (-5.2-14.1)	2.5 (1-4.6)	6.1 (-4.2-16.1)	0.2 (0.1-0.5)	13.4 (-0.7-31.4)	2.9 (1.2-5.1)	7.5 (-3.1-16.2)
Hounslow	27.4 (17.3-39.4)	-2.7 (-12-6.9)	22.3 (14-31.6)	-2.9 (-12.8-5.9)	15.9 (9.8-22.7)	-2.9 (-12.9-6.5)	5.8 (3.5-8.8)	-8 (-16.9-0.4)	0.5 (0.3-0.9)	-0.6 (-12.2-12.2)	6.9 (4.3-10)	-4.6 (-13.7-4)
Islington	21.6 (13.2-32)	1.4 (-8.5-11.6)	16.9 (10.2-25)	1.2 (-8.8-10.2)	11.6 (6.9-17.1)	-0.4 (-10.1-8.8)	3.9 (2.3-6.1)	-8.9 (-18.5--0.4)	0.3 (0.2-0.6)	13.7 (0.2-30.3)	4.6 (2.7-6.9)	-8.5 (-17.5--0.3)
Kensington and Chelsea	0.4 (0-2)	28.4 (0-1470)	0.4 (0-1.7)	28.1 (-2.1-1460)	0.3 (0-1.2)	26.8 (-5.3-1420)	0.1 (0-0.4)	21.2 (-11-1280)	0 (0-0)	18.5 (-15.8-1160)	0.1 (0-0.5)	18.5 (-11.7-1290)
Kingston upon Thames	14 (9.1-19.9)	1.5 (-9.6-18.4)	11.8 (7.7-16.7)	1.2 (-9.4-17.5)	8.8 (5.8-12.5)	-0.6 (-10.8-15.5)	3.2 (2-4.8)	-8.2 (-18.6-5.5)	0.3 (0.2-0.5)	-2.3 (-15.2-13.7)	3.6 (2.3-5.2)	-4 (-13.5-11.8)
Lambeth	115 (91-144)	-8.2 (-15.3--0.8)	92.5 (73.8-115)	-8.2 (-15.3--0.7)	64.3 (49.9-80.4)	-8.4 (-15.5--1.2)	22.5 (17.3-29.3)	-12.7 (-19.1--5.1)	2.4 (1.6-3.4)	23.5 (11.5-35.7)	26.7 (21.2-33.4)	-14.3 (-20.3--7.5)
Lewisham	83.8 (65.8-105)	-5.4 (-13.5-2.2)	67.3 (53.7-83.3)	-5.7 (-13.3-2.3)	47.3 (37.2-59.3)	-6.1 (-13.3-1.3)	16.9 (13.1-22)	-7.9 (-15.4--0.7)	1.7 (1.1-2.5)	19.3 (7.4-31.3)	20.8 (16.8-26)	-6.8 (-13.6-0.4)
Merton	37.3 (25.8-52.4)	0.5 (-7.9-8.9)	30.5 (20.9-43.2)	0.2 (-8.1-8.4)	22.1 (14.8-30.4)	-0.5 (-8.6-8.9)	7.8 (5.2-11.5)	-4.6 (-12.7-4.4)	0.8 (0.5-1.3)	8.9 (-1.9-22.3)	9.3 (6.5-13)	-0.2 (-8.2-8.8)
Newham	70.2 (55.2-88.9)	1.8 (-6.5-11.1)	54.7 (43.2-67.8)	1.3 (-6.3-10)	36.3 (27.5-46.5)	0.5 (-7.5-8.8)	12.8 (9.7-16.8)	-9.4 (-16.6--1)	1.3 (0.9-1.9)	24.7 (12.9-38.3)	16.9 (13.2-21.1)	-8.4 (-14.9--0.3)
Redbridge	22.7 (14-33.2)	1.6 (-7-11.2)	18.6 (11.4-27.3)	1.3 (-6.9-11.3)	13.5 (8.2-19.9)	1 (-7.7-11.4)	5.2 (3.1-8.1)	1.4 (-6.4-12.3)	0.5 (0.2-0.8)	3 (-7.9-15.4)	6.2 (3.8-9.2)	8.6 (-0.1-19.8)
Richmond upon Thames	14.4 (7.2-24.2)	4.1 (-4.9-11.9)	12.1 (6-20)	3.4 (-6-11)	9.1 (4.5-15)	2.8 (-7.4-11.4)	3.5 (1.7-6)	3 (-7.3-11.8)	0.4 (0.2-0.7)	-1.8 (-13.8-10.4)	3.7 (1.8-6.2)	0.3 (-8.9-8.4)
Southwark	113 (87.4-142)	0.9 (-7-10)	89.8 (69.8-113)	0.8 (-6.6-9.5)	61.5 (46.9-77.3)	-0.4 (-8.2-8)	20.5 (15.8-26.9)	-7.2 (-14--0.2)	2.2 (1.4-3.1)	37.8 (24.6-51)	25.7 (20.2-31.9)	-5.4 (-11.8-2.1)
Sutton	8.5 (4.9-13.3)	1.9 (-9.1-15.1)	7.3 (4.2-11.4)	1.8 (-9.8-14.9)	5.6 (3.2-8.8)	-0.9 (-12.2-11.5)	2 (1.1-3.3)	-1.5 (-12.5-11.2)	0.2 (0.1-0.4)	4.8 (-8.5-21.4)	2.2 (1.3-3.5)	-5.5 (-15.6-6.4)
Tower Hamlets	19.4 (13.2-27.7)	-21.5 (-32.8--9.6)	14.7 (10-20.6)	-22.4 (-32.6--10.3)	9.7 (6.6-13.8)	-21.1 (-31.3--9)	3.5 (2.4-5.1)	-30.6 (-40.5--20)	0.3 (0.2-0.5)	7 (-10.1-26.6)	4.6 (3.2-6.4)	-26.5 (-35.6--15.4)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Waltham Forest	64.5 (48.9-84.3)	-3.1 (-11.6-5.7)	50.7 (38.6-65.5)	-3.3 (-11.2-4.7)	34.3 (25.6-44.7)	-3.5 (-11.3-4.4)	12.6 (9.4-16.8)	-6.4 (-13.8-1.3)	1.2 (0.8-1.9)	17.9 (7-29.9)	15.5 (11.9-20.1)	-3 (-10.7-4.4)
Wandsworth	26.8 (18.4-37.5)	1.8 (-4.6-10.7)	21.7 (14.9-30.1)	1 (-5.3-9.6)	15.4 (10.4-21.6)	0.2 (-7.2-8.6)	5.4 (3.5-8.1)	-7.9 (-16-1.3)	0.5 (0.3-0.9)	21.4 (7-37.1)	6.4 (4.5-9.2)	0.3 (-7.8-9.7)
Westminster	10.4 (4.8-18.5)	-33.4 (-48.9--20)	8.2 (3.8-14.7)	-32.8 (-48.3--19.4)	5.6 (2.5-9.9)	-32 (-47.8--18.7)	2.1 (1-3.8)	-36.2 (-51.3--24)	0.2 (0.1-0.4)	-25.6 (-43.6--7.2)	2.2 (1-4)	-32.5 (-48.3--19.7)
North East England	6.4 (3.5-10.6)	14.1 (8-20.8)	5 (2.7-8.2)	14.8 (8.8-22)	3.3 (1.7-5.4)	10.9 (5.1-18.9)	1.2 (0.7-2.2)	12.4 (5.2-21.4)	0.1 (0-0.1)	-0.6 (-9.3-11.1)	1.2 (0.6-2)	1.3 (-4.1-8.8)
County Durham	0.4 (0-1.8)	62.8 (0-4160)	0.3 (0-1.5)	62.9 (-1.3-4120)	0.2 (0-1.1)	60.8 (-4-4080)	0.1 (0-0.4)	68.5 (-3.7-4170)	0 (0-0)	49.9 (-17.1-3560)	0.1 (0-0.4)	46.3 (-14.1-3610)
Darlington	0.6 (0-2.5)	41.1 (0-3590)	0.5 (0-2)	39.9 (-2-3440)	0.4 (0-1.4)	35.9 (-4.9-3090)	0.1 (0-0.5)	43.3 (-2.7-3560)	0 (0-0)	33 (-14-3340)	0.1 (0-0.5)	29 (-10.8-3120)
Gateshead	8.7 (4.3-14.7)	4.5 (-10.5-17.4)	7.4 (3.7-12.4)	4.5 (-10-16.8)	5.6 (2.7-9.3)	2.6 (-10.7-15.3)	1.8 (0.8-3.1)	4 (-9.1-19.1)	0.1 (0-0.2)	2.5 (-13.2-21.8)	1.9 (0.9-3.1)	-3.9 (-16.3-9.1)
Hartlepool	0.8 (0-3.6)	77.7 (0-5710)	0.6 (0-2.8)	77.7 (-1.7-5750)	0.5 (0-2)	74.3 (-5.6-5800)	0.2 (0-0.8)	82 (-3.9-5650)	0 (0-0)	77.3 (-13.3-5330)	0.2 (0-0.7)	55.1 (-16.6-4980)
Middlesbrough	18 (10.3-27.8)	3.1 (-7.1-18.1)	13.4 (7.6-20.6)	2.6 (-8.1-17.5)	8.7 (5-13.3)	1.3 (-11.4-15.3)	3.1 (1.8-4.9)	-1.8 (-13.6-12)	0.1 (0.1-0.3)	2.2 (-15.8-23.4)	3.5 (2-5.5)	-4.6 (-15.3-8.2)
Newcastle upon Tyne	20.3 (11.5-31)	2.6 (-5.2-11.1)	16.3 (9.3-24.9)	2.6 (-4.7-10.1)	11.3 (6.3-17.3)	1.4 (-5.7-8.6)	4.3 (2.4-7)	0.1 (-8.9-8.4)	0.2 (0.1-0.4)	6.4 (-6.1-19.9)	4.6 (2.5-7.2)	1.7 (-6-9.1)
North Tyneside	14.4 (8.1-22.2)	3.2 (-8.2-16.6)	10.9 (6.2-16.8)	1.1 (-10.5-14.4)	7.3 (4.1-11.4)	-2 (-13.7-11.5)	2.7 (1.5-4.4)	-1.3 (-13.9-13.3)	0.2 (0.1-0.3)	5 (-13.2-29.3)	2.6 (1.5-4.2)	-8.7 (-18.4-3.7)
Northumberland	0.4 (0-2.1)	30.7 (0-1490)	0.4 (0-1.7)	30.6 (-1.6-1500)	0.3 (0-1.3)	29.1 (-4-1490)	0.1 (0-0.5)	37.4 (-0.8-1550)	0 (0-0)	5.5 (-28.4-1180)	0.1 (0-0.4)	12.3 (-17.2-1270)
Redcar and Cleveland	0.6 (0-2.4)	38.2 (0-3620)	0.5 (0-1.9)	37.4 (-1.5-3530)	0.3 (0-1.4)	34.2 (-4.3-3260)	0.1 (0-0.5)	39.4 (-3.4-3440)	0 (0-0)	20.7 (-21.5-2500)	0.1 (0-0.5)	20 (-15.1-2970)
South Tyneside	0.6 (0-2.4)	39.1 (0-3610)	0.5 (0-2)	38.2 (-1.5-3570)	0.4 (0-1.4)	35.4 (-4.3-3450)	0.1 (0-0.5)	38.7 (-4.1-3530)	0 (0-0)	39.3 (-8.7-3600)	0.1 (0-0.5)	20 (-15.7-3060)
Stockton-on-Tees	6 (2.6-11.1)	5.2 (-7.8-20.8)	5 (2.1-9.4)	3 (-9.6-19.1)	3.7 (1.6-6.9)	2.6 (-9.7-19.9)	1.3 (0.6-2.5)	12.6 (-1.8-30.1)	0.1 (0-0.2)	-4.9 (-22.2-16.6)	1.4 (0.6-2.5)	-4.1 (-16-12.9)
Sunderland	0.4 (0-2.1)	31.1 (0-1520)	0.4 (0-1.7)	30.5 (-1.8-1520)	0.3 (0-1.2)	29.1 (-4.5-1500)	0.1 (0-0.5)	28.9 (-7.1-1530)	0 (0-0)	24.4 (-15.3-1480)	0.1 (0-0.4)	11 (-18.1-1290)
North West England	13.6 (9.6-18.9)	19.9 (14.6-26)	10.5 (7.4-14.6)	22.8 (17.1-29.4)	6.9 (4.7-9.5)	17.2 (11.9-23.2)	2.7 (1.9-3.8)	17.2 (11.4-24.1)	0.1 (0.1-0.2)	5.1 (-0.6-11.4)	2.6 (1.9-3.7)	8.6 (3.8-14.3)
Blackburn with Darwen	15.1 (8.5-23.6)	3.5 (-6.3-14)	11.9 (6.8-19)	2.8 (-6.7-14)	8.2 (4.8-12.8)	0.2 (-9.6-12.3)	2.8 (1.5-4.6)	2 (-7.6-14.8)	0.2 (0.1-0.3)	6.2 (-7.5-26.8)	3.3 (1.9-5.1)	-8.9 (-16.9-0.9)
Blackpool	10.6 (5.9-16.8)	3.5 (-7.6-16)	7.7 (4.3-12)	4.3 (-6.6-16.1)	4.8 (2.6-7.5)	2.7 (-9.2-15.4)	1.6 (0.9-2.6)	5.2 (-8.4-20.5)	0.1 (0-0.2)	12.9 (-9.1-41.5)	1.7 (0.9-2.7)	0.3 (-11-13.6)
Bolton	19.5 (11.9-29.3)	3.7 (-4.9-14.3)	15.2 (9.2-22.9)	3.9 (-5.4-14.2)	10.1 (5.9-15.4)	1.2 (-8.3-11.9)	3.5 (2-5.6)	1.4 (-8.9-11.8)	0.2 (0.1-0.4)	-0.2 (-13.1-13.9)	3.9 (2.3-6)	-4.7 (-13.4-5)
Bury	4.9 (2-10)	9.8 (-1-23.6)	3.7 (1.5-7.7)	8 (-4.3-23.7)	2.4 (1-5)	6.8 (-8.5-25.7)	0.9 (0.4-1.9)	9.2 (-5.5-28.4)	0.1 (0-0.1)	2.7 (-14-24.9)	0.9 (0.4-2)	-0.4 (-13.8-16.3)
Cheshire East	2.9 (1.2-5.8)	7.1 (-6.6-26.5)	2.5 (1-5)	8.8 (-4.2-28.3)	1.9 (0.8-3.8)	7 (-4.7-25.3)	0.7 (0.3-1.4)	14.4 (0.7-40)	0 (0-0.1)	-8.2 (-23.2-15.2)	0.6 (0.3-1.2)	-4.4 (-14.9-13.4)
Cheshire West and Chester	0.4 (0-2)	47.8 (0-1470)	0.4 (0-1.7)	48.6 (-1.4-1500)	0.3 (0-1.2)	47.8 (-4.6-1480)	0.1 (0-0.5)	52.5 (-2.7-1540)	0 (0-0)	32.3 (-19.3-1320)	0.1 (0-0.4)	29.6 (-16.2-1290)
Cumbria	3.1 (1.2-6.6)	11.7 (-4.1-30.4)	2.5 (1-5.4)	12.3 (-2.7-33.2)	1.7 (0.7-3.7)	10.6 (-3.6-34.4)	0.6 (0.2-1.4)	13.3 (-1.8-35.6)	0 (0-0.1)	1.5 (-18.3-26.8)	0.5 (0.2-1.2)	-5 (-17.3-14.2)
Halton	0.6 (0-2.4)	36.8 (0-3620)	0.5 (0-1.9)	36 (-2.6-3550)	0.3 (0-1.4)	33 (-5.8-3450)	0.1 (0-0.5)	33.2 (-7.2-3550)	0 (0-0)	9.4 (-28.6-2760)	0.1 (0-0.5)	17.5 (-16.8-3090)
Knowsley	0.6 (0-2.4)	46.8 (0-3950)	0.5 (0-1.9)	46.3 (-1.1-3750)	0.3 (0-1.4)	43.9 (-4.3-3540)	0.1 (0-0.5)	49.4 (-3.8-3660)	0 (0-0)	50.6 (-8.4-3400)	0.1 (0-0.5)	28 (-15.5-3150)
Lancashire	1.5 (0.6-3)	-30.2 (-50.9--10.7)	1.2 (0.5-2.5)	-30.5 (-51.6--10.1)	0.9 (0.4-1.8)	-30.6 (-51--10.1)	0.3 (0.1-0.7)	-27.5 (-49.3--6.2)	0 (0-0)	-36.5 (-56.6--14.9)	0.3 (0.1-0.6)	-37.2 (-55.7--18.9)
Liverpool	23 (15.2-32.9)	2.3 (-6.4-11.8)	18.5 (12.2-26.3)	2.5 (-6.7-11.6)	12.7 (8.2-18)	1.6 (-8.2-10.8)	4.5 (2.9-6.8)	-6 (-14.9-2.2)	0.3 (0.1-0.5)	5.2 (-8-19.1)	4.8 (3.1-7)	-8.1 (-16.7-0.1)
Manchester	57.8 (44.6-74.4)	2 (-5.6-9.8)	45.6 (35.1-59)	1.7 (-6.5-9.1)	30.7 (22.9-39.5)	0.6 (-7.6-8.4)	11.2 (8.5-15.1)	-7.7 (-15.2-0.4)	0.9 (0.6-1.3)	32.7 (18.2-48.7)	13.8 (10.6-17.7)	1.2 (-6.4-9.2)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Oldham	3.5 (1.4-7.5)	9.6 (-0.2-37.9)	2.9 (1.1-6.1)	7.9 (-2.5-34.2)	2.1 (0.8-4.4)	5.4 (-6.1-29.6)	0.7 (0.3-1.6)	16.7 (3.7-43.5)	0 (0-0.1)	8.4 (-9-32.2)	0.8 (0.3-1.8)	5.5 (-5.2-30.3)
Rochdale	0.5 (0-2.1)	22.3 (0-1110)	0.4 (0-1.6)	22.7 (-2.2-1120)	0.3 (0-1.1)	21.4 (-5.7-1070)	0.1 (0-0.4)	24.3 (-4.8-1130)	0 (0-0)	16.5 (-15.5-1000)	0.1 (0-0.5)	13.9 (-11-1030)
Salford	48.4 (35.6-64)	1.3 (-7.5-12.9)	39.5 (29.6-51.7)	0.2 (-9.3-11.7)	27.8 (20.7-36.2)	-0.5 (-9.6-9.9)	9.3 (6.8-12.5)	-5.2 (-13.9-4.4)	0.7 (0.4-1)	12.9 (0-27.9)	11.2 (8.5-14.5)	1.3 (-7-11.5)
Sefton	0.4 (0-2.1)	28.8 (0-1490)	0.4 (0-1.7)	28.7 (-1.8-1480)	0.3 (0-1.2)	27.6 (-4.3-1430)	0.1 (0-0.5)	32.2 (-3-1490)	0 (0-0)	21.7 (-15.4-1310)	0.1 (0-0.4)	12.1 (-16.2-1230)
St Helens	0.5 (0-2.1)	19.4 (0-762)	0.4 (0-1.7)	19.8 (-1.3-756)	0.3 (0-1.2)	18.5 (-3.7-751)	0.1 (0-0.5)	18.7 (-5.4-733)	0 (0-0)	6.2 (-20.1-633)	0.1 (0-0.4)	4.8 (-15.2-643)
Stockport	6 (2.7-10.6)	7.5 (-2.3-24)	4.7 (2.1-8.5)	6.4 (-3-23.2)	3.2 (1.4-5.9)	4.4 (-6.1-20.7)	1.2 (0.5-2.3)	6 (-6.9-23)	0.1 (0-0.2)	0.3 (-16.7-22.4)	1.2 (0.5-2.2)	-3.7 (-13.6-11.8)
Tameside	26.4 (16.6-38.1)	1.5 (-5.9-10.9)	21.2 (13.2-30.5)	1.3 (-6.1-9.8)	15.1 (9.3-21.7)	0.3 (-7.3-9.3)	5.2 (3.1-7.9)	1 (-7.1-9.6)	0.3 (0.2-0.6)	-2.1 (-15.1-11.2)	5.5 (3.4-8)	-7.4 (-14.5--0.4)
Trafford	0.4 (0-2)	27.1 (0-1470)	0.4 (0-1.7)	26 (-2.7-1440)	0.3 (0-1.2)	24.9 (-6-1420)	0.1 (0-0.5)	28.9 (-4.8-1460)	0 (0-0)	32.3 (-6.8-1430)	0.1 (0-0.5)	21.8 (-8.8-1410)
Warrington	0.5 (0-2.1)	21.3 (0-1050)	0.4 (0-1.7)	21.3 (-2-1050)	0.3 (0-1.2)	20.6 (-4.9-1030)	0.1 (0-0.4)	24.8 (-3.7-1070)	0 (0-0)	15.1 (-16.8-960)	0.1 (0-0.4)	8.8 (-14.4-927)
Wigan	9.9 (5.2-16)	2.5 (-5-13.2)	8.5 (4.5-13.6)	3.2 (-5.1-14.4)	6.4 (3.4-10.2)	2.7 (-7.4-14.4)	2.1 (1.1-3.5)	3.2 (-7.5-16.7)	0.1 (0.1-0.3)	-3 (-18.7-16.4)	2.2 (1.2-3.5)	-7.6 (-16.3-3)
Wirral	3.6 (1.5-7.1)	-22.9 (-38--7.2)	3.1 (1.3-6.2)	-22.7 (-37.5--7.4)	2.4 (1-4.7)	-23.6 (-37.8--6.9)	0.8 (0.3-1.7)	-17.6 (-34.5-1)	0 (0-0.1)	-28.1 (-46.3--9)	0.8 (0.3-1.6)	-29.9 (-43.4--14.9)
South East England	7.9 (4.7-12.1)	3.5 (-0.9-7.7)	6.6 (3.9-10)	5 (0.5-9.4)	4.8 (2.9-7.4)	4.6 (0.1-9.1)	1.8 (1-2.8)	3.2 (-1.5-7.6)	0.1 (0.1-0.2)	-4.1 (-9.6-1.9)	1.8 (1-2.7)	-3.7 (-7.7-0.2)
Bracknell Forest	0.6 (0-2.4)	39.8 (0-3960)	0.5 (0-2)	39.1 (-1.2-3830)	0.4 (0-1.5)	36.9 (-3.6-3660)	0.1 (0-0.6)	39.1 (-4.5-3870)	0 (0-0.1)	25.7 (-18.7-3630)	0.1 (0-0.6)	21.5 (-15-3350)
Brighton and Hove	5.7 (2.3-11.9)	7.4 (-3.2-17.7)	4.7 (1.9-9.8)	7 (-4-19.1)	3.4 (1.4-7.1)	6 (-4.3-18.1)	1.2 (0.5-2.7)	7.4 (-4.7-19.8)	0.1 (0-0.2)	41.1 (19.5-63.2)	1.3 (0.5-2.6)	5 (-5.7-17.1)
Buckinghamshire	12.8 (7-19.9)	4.3 (-2.5-13.4)	10.7 (5.8-17)	3.6 (-3.6-12.7)	8 (4.3-12.2)	2.4 (-5.7-11.1)	3 (1.6-4.9)	8.4 (-1.3-18.6)	0.3 (0.1-0.5)	-9 (-19.6-3.2)	3 (1.6-4.7)	-5.7 (-13.2-2.1)
East Sussex	0.4 (0-2)	44.8 (0-874)	0.3 (0-1.6)	45.5 (-1.3-882)	0.2 (0-1.2)	45.5 (-4.2-868)	0.1 (0-0.5)	53.7 (-1.5-920)	0 (0-0)	44.1 (-12.5-825)	0.1 (0-0.4)	33.6 (-12.2-792)
Hampshire	7.2 (4.4-10.8)	3.6 (-5.6-12.3)	6.3 (3.8-9.3)	3.5 (-6.1-12.7)	4.9 (2.9-7.2)	2.6 (-7.2-12.2)	1.8 (1.1-2.9)	5.8 (-4.2-16.3)	0.1 (0.1-0.3)	-11 (-22.1-2.1)	1.7 (1-2.6)	-8.7 (-16.6--0.1)
Isle of Wight	0.6 (0-2.5)	42.8 (0-3610)	0.5 (0-2)	41.7 (-1.1-3470)	0.4 (0-1.5)	38 (-3.7-3140)	0.1 (0-0.6)	46.4 (0-3530)	0 (0-0)	32.5 (-15.6-3270)	0.1 (0-0.5)	26.1 (-12.9-2980)
Kent	9 (5-14)	-13 (-26.9-0.3)	7.3 (4-11.5)	-12.7 (-26.6-0.2)	5.3 (2.8-8.4)	-13.5 (-27.2--0.3)	2.1 (1.1-3.5)	-10 (-24.3-3.8)	0.1 (0.1-0.3)	-15.4 (-31.4-2.9)	2 (1-3.2)	-18 (-31.3--5.8)
Medway	10.9 (6.2-16.8)	2.5 (-8.7-13.4)	9.2 (5.3-14.1)	0.1 (-11.7-10.9)	6.8 (3.9-10.5)	-1.3 (-12.4-9.6)	2.6 (1.4-4.2)	6.1 (-6.4-18.6)	0.2 (0.1-0.4)	-8.5 (-22.2-7.7)	2.7 (1.5-4.2)	-7 (-17.7-2.7)
Milton Keynes	41.7 (30.7-55.3)	0.7 (-8.2-9)	33.6 (25.1-45)	-0.1 (-8.1-7.7)	24.1 (17.5-31.9)	-0.9 (-8.9-8.2)	8.5 (6.2-11.8)	-3.5 (-11.2-5.3)	0.7 (0.5-1.1)	-16.3 (-24.5--6)	10.1 (7.6-13.3)	-7 (-14.6-0.7)
Oxfordshire	9.6 (5-15.6)	5 (-2.2-11.6)	8 (4.2-12.8)	4.7 (-2.7-11.7)	5.8 (3-9.2)	3.5 (-5.3-11.4)	2.3 (1.2-3.9)	3.4 (-5.4-10.9)	0.2 (0.1-0.4)	-7.1 (-17.2-3.5)	2.2 (1.1-3.7)	-4.9 (-12.6-1.5)
Portsmouth	0.5 (0-2.1)	20 (0-1030)	0.4 (0-1.7)	20.2 (-1.9-1030)	0.3 (0-1.2)	20 (-3.9-1020)	0.1 (0-0.5)	19.9 (-5.6-1050)	0 (0-0)	38.4 (4.2-1250)	0.1 (0-0.5)	20.2 (-3.9-1040)
Reading	0.6 (0-2.4)	50.4 (0-3610)	0.5 (0-2)	48.8 (-2.4-3470)	0.3 (0-1.4)	46.9 (-5.1-3330)	0.1 (0-0.5)	37.9 (-14.2-3300)	0 (0-0)	65.8 (-0.6-3700)	0.1 (0-0.6)	49.3 (-4.1-3510)
Slough	24.5 (13.5-38.1)	2.7 (-4.7-14.7)	19.3 (10.6-30)	1.5 (-5.9-12.7)	13.3 (7.2-20.8)	0.6 (-7.2-12.2)	4.4 (2.3-7.2)	-2.4 (-10.4-8.2)	0.4 (0.2-0.7)	18 (5.6-35.3)	6.2 (3.4-9.8)	8.1 (0.4-20)
Southampton	9 (4.2-15.7)	6.2 (-6.8-23.3)	6.8 (3.1-12)	5.4 (-7.3-20.7)	4.5 (2.1-7.8)	1.8 (-11.3-17.9)	1.7 (0.8-3.1)	-5.2 (-18.6-11.3)	0.1 (0-0.2)	13.9 (-4.8-41.7)	1.9 (0.9-3.4)	1.2 (-12-16.9)
Surrey	5.1 (2.9-8.1)	5.4 (-7-16.2)	4.2 (2.3-6.6)	5.5 (-6.9-17.6)	3.1 (1.7-4.8)	5.5 (-6.3-17)	1.2 (0.7-2.1)	7.5 (-4.5-20.5)	0.1 (0-0.2)	-0.2 (-15-17.2)	1.2 (0.6-1.9)	0.2 (-10.5-10.9)
West Berkshire	0.5 (0-2.1)	16.7 (0-1030)	0.4 (0-1.7)	16.6 (-2.2-1040)	0.3 (0-1.3)	15.7 (-5.2-1020)	0.1 (0-0.5)	20.5 (-3-1050)	0 (0-0)	1.8 (-20.7-842)	0.1 (0-0.5)	4.4 (-14.6-904)
West Sussex	2.1 (0.8-4.5)	14.7 (-1-41.8)	1.8 (0.7-4)	15.5 (-0.9-41.2)	1.4 (0.6-3.1)	14.8 (-1.6-38.6)	0.5 (0.2-1.2)	18.5 (2.5-45.5)	0 (0-0.1)	12.2 (-3.8-37.5)	0.5 (0.2-1.1)	7.1 (-7.7-30.4)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Windsor and Maidenhead	0.6 (0-2.4)	47.3 (0-3610)	0.5 (0-2)	46.1 (-1.9-3550)	0.4 (0-1.4)	43.6 (-4.2-3310)	0.1 (0-0.6)	47.3 (-3.4-3470)	0 (0-0.1)	35.3 (-14.5-2890)	0.1 (0-0.6)	36 (-9.8-3200)
Wokingham	0.5 (0-2.1)	19.4 (0-747)	0.4 (0-1.7)	19.3 (-2.2-745)	0.3 (0-1.3)	18.7 (-4.5-734)	0.1 (0-0.6)	21 (-4.8-731)	0 (0-0.1)	-3 (-26.2-546)	0.1 (0-0.5)	5.1 (-15.9-631)
South West England	5.2 (3.3-8.2)	3.5 (-4.2-15.5)	4.1 (2.6-6.6)	5.8 (-2.1-18.4)	2.7 (1.7-4.4)	5.2 (-2.7-18.7)	1.2 (0.7-1.9)	1.4 (-7.3-14.2)	0.1 (0-0.1)	-4.4 (-13.5-11.9)	1 (0.7-1.6)	-5.1 (-12.6-7)
Bath and North East Somerset	11.1 (5.6-18.3)	5.7 (-5.5-17.3)	8.7 (4.4-14.2)	6.1 (-5.7-19.3)	6 (3-9.8)	2.1 (-10.5-15)	2.6 (1.3-4.4)	7.2 (-5.6-20.9)	0.2 (0.1-0.4)	0.9 (-12.4-18.9)	2.3 (1.1-3.8)	-1.6 (-13.3-10.4)
Boumemouth	14.6 (9.1-22.2)	-34.6 (-45.4--24)	12.5 (7.8-19)	-36.3 (-46.7--25.9)	9.7 (6.1-14.5)	-34.7 (-45.9--23.5)	3.5 (2.2-5.3)	-30.9 (-40.6--19.3)	0.3 (0.2-0.5)	0.5 (-15-18.1)	3.6 (2.3-5.3)	-29.5 (-40.3--17.7)
Bristol, City of	27.5 (19.2-37.9)	-9.5 (-18.7--1.2)	22.3 (15.7-30.8)	-9.5 (-18.4--1.7)	16.2 (11.3-22.2)	-8.2 (-16.7--0.5)	6.1 (4.2-8.7)	-14 (-22.6--5.7)	0.5 (0.3-0.7)	1.4 (-10.9-16.3)	6.8 (4.8-9.5)	-8.8 (-17.5--1.6)
Cornwall	0.4 (0-1.9)	62.3 (0-4100)	0.3 (0-1.6)	62.4 (-1.7-3990)	0.2 (0-1.2)	59.8 (-4.4-3750)	0.1 (0-0.5)	69.4 (-1.9-4050)	0 (0-0)	40.1 (-22.7-3220)	0.1 (0-0.4)	47.9 (-12.3-3540)
Devon	0.3 (0-1.8)	53.7 (0-2660)	0.3 (0-1.5)	54.3 (-1.4-2740)	0.2 (0-1.2)	52.2 (-4-2710)	0.1 (0-0.5)	62 (-1.1-2890)	0 (0-0)	36.6 (-18.3-2580)	0.1 (0-0.4)	40 (-12.3-2490)
Dorset	0.4 (0-2)	30.5 (0-1490)	0.4 (0-1.7)	30.4 (-1.3-1510)	0.3 (0-1.3)	28.9 (-4-1470)	0.1 (0-0.5)	39.6 (1.9-1580)	0 (0-0)	18.7 (-18.1-1330)	0.1 (0-0.4)	16.8 (-13.5-1320)
Gloucestershire	4.4 (1.9-8.7)	7.9 (-7.5-22.6)	3.8 (1.6-7.4)	7.7 (-7.2-22)	3 (1.2-5.6)	5.4 (-9.2-19.5)	1 (0.4-2.1)	12.4 (-3.1-29.6)	0.1 (0-0.2)	-2.1 (-19.9-14.6)	1 (0.4-1.9)	-3.3 (-16.5-10)
North Somerset	0.5 (0-2.1)	20.5 (0-1040)	0.4 (0-1.7)	20.7 (-1.8-1050)	0.3 (0-1.3)	19.6 (-4.5-1020)	0.1 (0-0.5)	24.9 (-2.6-1080)	0 (0-0)	8.1 (-18.3-895)	0.1 (0-0.5)	12.5 (-10.6-966)
Plymouth	0.4 (0-2.1)	28.9 (0-1470)	0.4 (0-1.7)	28.6 (-2-1460)	0.3 (0-1.2)	27 (-5.1-1410)	0.1 (0-0.5)	26.3 (-8-1290)	0 (0-0)	22.5 (-14.7-1080)	0.1 (0-0.5)	20 (-10.6-1280)
Poole	0.6 (0-2.4)	38.5 (0-3620)	0.5 (0-1.9)	37.1 (-1.8-3560)	0.4 (0-1.4)	34.3 (-4.1-3240)	0.1 (0-0.5)	36.4 (-4.1-3500)	0 (0-0)	37.8 (-7.8-3700)	0.1 (0-0.5)	28.2 (-9.2-3250)
Somerset	0.4 (0-1.8)	65 (0-4160)	0.3 (0-1.6)	64.6 (-1.5-4090)	0.2 (0-1.2)	61.6 (-4.1-4040)	0.1 (0-0.5)	75.1 (-0.3-4300)	0 (0-0)	46.9 (-18.9-3310)	0.1 (0-0.4)	48.5 (-13.1-3620)
South Gloucestershire	7.6 (3.4-13.3)	7.1 (-6.8-23.3)	6.1 (2.7-10.9)	8.2 (-5.8-24.7)	4.3 (1.9-7.6)	7.3 (-6.3-21.8)	1.7 (0.7-3)	9.2 (-4.8-25.8)	0.1 (0-0.3)	-2.4 (-19.7-18.7)	1.6 (0.7-2.9)	-3.7 (-15.7-10.1)
Swindon	0.5 (0-2.1)	24.7 (0-1470)	0.4 (0-1.7)	24.5 (-1.5-1480)	0.3 (0-1.2)	23.5 (-4.2-1440)	0.1 (0-0.5)	24 (-6.1-1360)	0 (0-0)	31.1 (-4.7-1350)	0.1 (0-0.5)	15.1 (-11.2-1310)
Torbay	0.6 (0-2.5)	42.9 (0-3620)	0.5 (0-2)	41.9 (-1.7-3580)	0.4 (0-1.5)	38.8 (-4-3340)	0.1 (0-0.6)	45.7 (-2.4-3440)	0 (0-0)	37.4 (-14.3-3260)	0.1 (0-0.5)	32.1 (-9.6-3160)
Wiltshire	0.4 (0-1.9)	68.1 (0-4160)	0.3 (0-1.6)	67.9 (-1.2-4090)	0.2 (0-1.2)	65.9 (-3.7-4060)	0.1 (0-0.5)	81.3 (1.5-4350)	0 (0-0)	54.2 (-15.5-3600)	0.1 (0-0.4)	51.9 (-12.9-3660)
West Midlands	13.4 (9.3-18.7)	6 (0.7-12)	10.5 (7.4-14.6)	7.7 (2.6-13.8)	7.3 (5-10.1)	8.4 (3.6-14.8)	2.7 (1.8-3.9)	8.7 (3.1-15.6)	0.1 (0.1-0.2)	0.3 (-6.3-8.6)	2.8 (2-3.9)	1.2 (-3.5-7.1)
Birmingham	33 (24.1-43.9)	8.4 (0.2-18.9)	26.5 (19.4-35.2)	8.2 (-0.3-19.3)	18.7 (13.5-24.8)	7.4 (-0.5-19)	7.1 (5.1-9.9)	4.7 (-3.8-15)	0.5 (0.3-0.8)	22 (9-39.1)	8.3 (6.1-11)	5.7 (-1.8-15.6)
Coventry	21 (12.1-32)	3.5 (-4.7-12.1)	16.7 (9.7-25.6)	3 (-4.6-11.3)	11.4 (6.6-17.7)	1.8 (-7-11)	4.2 (2.4-6.8)	-1.9 (-11.8-6.6)	0.3 (0.1-0.5)	7.7 (-7.5-22.1)	4.8 (2.8-7.5)	0.6 (-8-8.5)
Dudley	11.5 (7.2-17.3)	-26.1 (-36.3--14.9)	9.7 (6-14.5)	-27.1 (-38--15.5)	7.1 (4.5-10.6)	-28 (-38.9--17)	2.7 (1.7-4.2)	-19.2 (-31.1--7.3)	0.2 (0.1-0.4)	-24.3 (-35.4--10.6)	2.6 (1.7-4)	-28.7 (-38.8--18.5)
Herefordshire, County of	0.6 (0-2.4)	40.2 (0-3950)	0.5 (0-1.9)	39.5 (-1.2-3710)	0.3 (0-1.4)	35.9 (-4.5-3420)	0.1 (0-0.5)	43.5 (-1.7-3730)	0 (0-0)	21.3 (-20-3130)	0.1 (0-0.5)	21.7 (-15.2-3130)
Sandwell	24.2 (15.8-34.6)	-17.3 (-24.9--9.1)	19.4 (12.8-27.6)	-16.6 (-24.2--8.2)	13.6 (8.8-19.4)	-15.8 (-23.4--7.9)	4.9 (3.1-7.4)	-15.8 (-23.5--7.6)	0.3 (0.2-0.6)	1.9 (-9.4-15.8)	5.7 (3.7-8.1)	-14.6 (-22--6.7)
Shropshire	0.4 (0-2.1)	30.9 (0-1490)	0.4 (0-1.7)	30.8 (-1.8-1490)	0.3 (0-1.2)	29.2 (-4.9-1460)	0.1 (0-0.5)	36.3 (-1.6-1520)	0 (0-0)	15.3 (-20.8-1220)	0.1 (0-0.4)	13.2 (-17.2-1250)
Solihull	7 (3.2-12.6)	4.7 (-5.1-20.2)	6 (2.7-10.5)	3.4 (-6.6-19.2)	4.5 (2.1-7.9)	4.2 (-6.2-20.4)	1.7 (0.8-3)	11.1 (-0.3-31.2)	0.1 (0-0.3)	-8.6 (-22.8-9.6)	1.6 (0.7-2.8)	-4.1 (-13.5-10.7)
Staffordshire	1.7 (0.7-3.9)	-25.6 (-45.5-10.7)	1.4 (0.6-3.4)	-25.3 (-45.1-10.6)	1.1 (0.5-2.7)	-25.6 (-45.4-11)	0.4 (0.2-1)	-21.5 (-43.4-18.3)	0 (0-0.1)	-36.2 (-55.6--4.3)	0.4 (0.1-0.9)	-34.2 (-51.9--1.3)
Stoke-on-Trent	0.4 (0-2.1)	28.9 (0-1470)	0.4 (0-1.6)	27.9 (-2.4-1440)	0.2 (0-1.1)	26.8 (-5.5-1410)	0.1 (0-0.4)	24.9 (-8.4-1370)	0 (0-0)	31.8 (-8.1-1330)	0.1 (0-0.5)	24.1 (-7.3-1370)
Telford and Wrekin	24.5 (16.5-36)	1.3 (-9.6-14.3)	18.6 (12.5-26.8)	0.6 (-10.1-13.9)	12.6 (8.3-17.7)	1.4 (-10.7-14.6)	4.6 (3-6.5)	0.8 (-11.2-15.1)	0.3 (0.2-0.5)	-11.1 (-23.2-5)	4.9 (3.3-6.9)	-10 (-19.7-1.9)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Walsall	0.4 (0-2.1)	31.2 (0-1490)	0.4 (0-1.6)	30.7 (-2.9-1500)	0.2 (0-1.1)	29.2 (-6.6-1480)	0.1 (0-0.4)	32.8 (-7-1530)	0 (0-0)	34.5 (-10.6-1620)	0.1 (0-0.5)	26.4 (-8.9-1440)
Warwickshire	0.3 (0-1.8)	54.2 (0-2450)	0.3 (0-1.6)	54.3 (-1.5-2440)	0.2 (0-1.2)	52 (-4.4-2400)	0.1 (0-0.5)	59.6 (-2.6-2630)	0 (0-0)	36.4 (-19.1-2460)	0.1 (0-0.4)	40.4 (-12.3-2250)
Wolverhampton	7.8 (4.5-12.6)	3.6 (-6.2-17.1)	6.5 (3.7-10.3)	1.6 (-8-14.6)	4.8 (2.8-7.5)	0.1 (-9.7-13.1)	1.6 (0.9-2.7)	2.6 (-9.3-16)	0.1 (0-0.2)	14 (-3.4-34.3)	1.8 (1.1-2.9)	0.1 (-9.9-12.4)
Worcestershire	0.4 (0-1.8)	62 (0-2980)	0.3 (0-1.5)	61.7 (-1.8-2810)	0.2 (0-1.2)	59.2 (-4.2-2610)	0.1 (0-0.5)	69.9 (-1.4-2950)	0 (0-0)	34.4 (-23.9-2490)	0.1 (0-0.4)	42.8 (-15-2420)
Yorkshire and the Humber	5.2 (2.9-8.5)	12.7 (6.3-20.9)	4.2 (2.4-6.8)	15 (8.5-23.5)	2.9 (1.6-4.7)	10.1 (3.5-18.4)	1.1 (0.6-1.9)	7.2 (0.1-15.4)	0.1 (0-0.1)	-0.3 (-8.7-9.9)	1.1 (0.6-1.8)	1.9 (-4.3-9.4)
Barnsley	0.5 (0-2.1)	26 (0-1470)	0.4 (0-1.7)	26.7 (-1.5-1470)	0.3 (0-1.2)	25 (-4.6-1420)	0.1 (0-0.4)	28.4 (-2.9-1480)	0 (0-0)	25 (-10.3-1400)	0.1 (0-0.4)	14.1 (-12.7-1290)
Bradford	8.2 (4.2-13.7)	5.6 (-9.1-21.2)	6.7 (3.5-10.9)	6.4 (-7.7-23.2)	4.8 (2.4-7.8)	5 (-9.2-23.3)	1.7 (0.8-2.9)	7 (-8.2-25.5)	0.1 (0-0.2)	5.5 (-12.6-24.9)	2 (1-3.3)	3.2 (-11.3-19.4)
Calderdale	0.5 (0-2.1)	22.6 (0-1040)	0.4 (0-1.7)	23 (-2.2-1050)	0.3 (0-1.1)	21.4 (-5.8-1040)	0.1 (0-0.4)	25.5 (-3.5-1070)	0 (0-0)	19 (-12.6-994)	0.1 (0-0.4)	10.2 (-14-928)
Doncaster	0.4 (0-2.1)	31.3 (0-1490)	0.4 (0-1.7)	31.1 (-2.4-1500)	0.3 (0-1.2)	29.4 (-5.4-1500)	0.1 (0-0.4)	32.5 (-4.9-1500)	0 (0-0)	26.2 (-14.9-1390)	0.1 (0-0.4)	20.1 (-12.2-1380)
East Riding of Yorkshire	0.4 (0-2.1)	30.8 (0-1490)	0.4 (0-1.7)	30.7 (-1.4-1510)	0.3 (0-1.2)	29.2 (-4.2-1490)	0.1 (0-0.5)	35.1 (-2.3-1540)	0 (0-0)	8.1 (-24.7-1210)	0.1 (0-0.4)	9.2 (-19.8-1240)
Kingston upon Hull, City of	12.9 (5.8-22.4)	5.3 (-3.2-13.7)	10.3 (4.6-17.7)	5 (-2.9-13.4)	7.1 (3.2-12.2)	4.1 (-4.5-13.7)	2.4 (1-4.3)	-1.8 (-12-8.5)	0.1 (0.1-0.3)	11.2 (-5-28.4)	2.8 (1.2-4.8)	-2 (-10.4-7.2)
Kirklees	0.4 (0-1.8)	61.3 (0-4100)	0.3 (0-1.5)	60.9 (-2.4-4030)	0.2 (0-1.1)	57.9 (-5.5-3700)	0.1 (0-0.4)	62.1 (-6.1-3670)	0 (0-0)	48.7 (-14.6-3060)	0.1 (0-0.4)	45.9 (-13.2-3400)
Leeds	14.9 (9.5-21.3)	2.4 (-3.6-10.4)	12.2 (7.7-17.5)	2.4 (-4.3-10)	8.9 (5.5-12.7)	1.4 (-5.7-10)	3.2 (1.9-4.9)	-3 (-11.1-5.5)	0.2 (0.1-0.4)	5.2 (-6.2-17.6)	3.5 (2.2-5.1)	-1.1 (-7.7-7.2)
North East Lincolnshire	0.6 (0-2.4)	40.1 (0-3950)	0.5 (0-1.9)	39.2 (-1.6-3670)	0.3 (0-1.4)	36.2 (-4.1-3520)	0.1 (0-0.5)	38.1 (-6.2-3630)	0 (0-0)	32.3 (-15.4-3510)	0.1 (0-0.5)	21 (-15.9-3170)
North Lincolnshire	0.5 (0-2.1)	12.6 (0-1030)	0.4 (0-1.7)	12.8 (-1.7-1030)	0.3 (0-1.2)	11.4 (-4.6-1010)	0.1 (0-0.5)	15.5 (-2.3-1060)	0 (0-0)	2 (-18.6-926)	0.1 (0-0.4)	2.6 (-12-927)
North Yorkshire	0.3 (0-1.8)	52.2 (0-2660)	0.3 (0-1.5)	52.6 (-1.5-2730)	0.2 (0-1.2)	51.4 (-3.8-2720)	0.1 (0-0.5)	62.1 (-0.6-2860)	0 (0-0)	30.3 (-22.4-2310)	0.1 (0-0.4)	33.8 (-15.8-2370)
Rotherham	0.4 (0-2.1)	30.7 (0-1470)	0.4 (0-1.7)	30.7 (-1.7-1470)	0.3 (0-1.2)	29 (-4.7-1440)	0.1 (0-0.5)	33.8 (-2.6-1460)	0 (0-0)	20.8 (-16-1240)	0.1 (0-0.4)	17.6 (-13-1290)
Sheffield	7.6 (3.7-12.8)	4.2 (-7.2-17.8)	6.5 (3.2-10.7)	3.8 (-7.9-17.3)	5 (2.4-8.2)	3.3 (-8.6-17)	1.9 (0.9-3.4)	5.2 (-8.5-21)	0.1 (0.1-0.3)	13.5 (-4.9-36.9)	2 (0.9-3.3)	4.2 (-7.9-18.9)
Wakefield	0.4 (0-2)	30.6 (0-1490)	0.4 (0-1.7)	30.3 (-1.7-1500)	0.3 (0-1.2)	28.8 (-4.6-1490)	0.1 (0-0.4)	31.1 (-5.1-1460)	0 (0-0)	21.4 (-16-1310)	0.1 (0-0.4)	16.2 (-14.3-1300)
York	0.5 (0-2.1)	22 (0-1040)	0.4 (0-1.7)	22.3 (-1.8-1040)	0.3 (0-1.2)	21.3 (-4.5-1020)	0.1 (0-0.5)	20.6 (-5.8-1010)	0 (0-0)	18.2 (-12.8-976)	0.1 (0-0.5)	15.6 (-8.5-971)
Northern Ireland	5.2 (3.8-7.2)	0.3 (-7.5-8.9)	4.2 (3-5.6)	0.9 (-6.4-9.4)	3 (2.2-4)	-0.4 (-7.8-8)	1.1 (0.8-1.5)	-4.5 (-11.2-2.8)	0.1 (0.1-0.1)	-3.1 (-11.8-6.4)	1.2 (0.9-1.6)	-13.6 (-19.5--7.2)
Scotland	5.3 (3.8-7.1)	0.1 (-8.6-9.8)	4.2 (3-5.6)	0.6 (-8.4-9.9)	3.1 (2.3-4.1)	-0.7 (-9.4-8.3)	1.1 (0.8-1.5)	-0.6 (-8.4-8.2)	0.1 (0.1-0.1)	-7.8 (-17.3-2.4)	1.1 (0.8-1.4)	-12.7 (-19.4--5.3)
Wales	6 (4.3-7.9)	0.4 (-7.3-8.6)	4.7 (3.5-6.2)	0.8 (-6.9-8.6)	3.5 (2.6-4.6)	-0.3 (-8.3-8.1)	1.4 (1-1.8)	0 (-7-7.7)	0.1 (0.1-0.1)	-9.4 (-17.9-0.7)	1.3 (0.9-1.6)	-10.4 (-16.6--3.7)
Latin America and Caribbean	11.1 (8.4-14.3)	24.5 (16-34.4)	2.8 (2.2-3.5)	3 (-2.6-9.2)	0.6 (0.4-0.7)	-15.1 (-20.8--9.3)	0.2 (0.2-0.3)	-20 (-25.1--13.9)	0 (0-0)	-22.8 (-29.7--15.6)	0.4 (0.3-0.5)	-26.6 (-30.4--22.3)
Andean Latin America	0.1 (0.1-0.2)	6.8 (-0.1-42.4)	0.1 (0-0.1)	0.2 (-9.1-27.6)	0 (0-0)	-2.9 (-16.1-22.5)	0 (0-0)	-12.3 (-24.9-10.4)	0 (0-0)	-16.8 (-31-12.4)	0 (0-0)	-18.4 (-28.1-3)
Bolivia (Plurinational State of)	0.1 (0.1-0.2)	5.1 (0-78.7)	0 (0-0.1)	-0.6 (-11.5-58.8)	0 (0-0)	-6 (-24.4-39.5)	0 (0-0)	-16.5 (-33.6-23.7)	0 (0-0)	-21.7 (-39.8-17.7)	0 (0-0)	-15.4 (-28.1-26.7)
Ecuador	0.1 (0.1-0.2)	5.5 (0-48.1)	0.1 (0-0.1)	0.4 (-9-36.8)	0 (0-0)	-3.3 (-17.9-34.2)	0 (0-0)	-11.3 (-26.2-24.6)	0 (0-0)	-18 (-36.5-30.9)	0 (0-0)	-20.4 (-31.3-11.7)
Peru	0.1 (0.1-0.2)	7.5 (0-79.3)	0 (0-0.1)	1.3 (-11.1-68.3)	0 (0-0)	-2.6 (-21.9-53.2)	0 (0-0)	-13.1 (-31.3-37.6)	0 (0-0)	-16.2 (-35-37.5)	0 (0-0)	-19.8 (-33.2-30.2)
Caribbean	116 (86.7-148)	25.3 (16.3-36.8)	25.1 (19.3-31.5)	1.1 (-5.6-9.1)	1.3 (0.9-1.8)	-54.7 (-61.4--47.7)	0.4 (0.3-0.5)	-61 (-65.9--55.8)	0 (0-0)	-75.1 (-79.3--71)	2.5 (1.9-3)	-31.8 (-37.5--25.4)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Antigua and Barbuda	38.2 (21.9-58.3)	43.2 (13.5-76.5)	9.9 (6.4-14.2)	7.5 (-11.4-27.2)	1.2 (0.8-1.8)	-45.9 (-58.4--30.7)	0.4 (0.3-0.5)	-54.9 (-63.7--44)	0 (0-0.1)	-68.4 (-74.9--60.7)	0.9 (0.7-1.3)	-45.9 (-54.8--36.6)
Bahamas	53 (32.8-79.3)	93.8 (62.3-141)	12.3 (8.3-17.2)	60.5 (37.1-88.7)	1 (0.6-1.4)	-23.9 (-43.6-4.5)	0.3 (0.2-0.4)	-33.9 (-48.4--12.6)	0 (0-0)	-58.7 (-70--45.6)	1 (0.7-1.3)	-21.6 (-33.7--6)
Barbados	42.9 (25.3-67.6)	42.7 (14.6-77.9)	11.4 (7.5-16.4)	4.6 (-12.6-25.8)	1.5 (1-2.1)	-46.1 (-58.8--28.7)	0.4 (0.3-0.6)	-54.3 (-63.7--42.5)	0 (0-0)	-71 (-76.9--62.8)	0.9 (0.7-1.2)	-47.1 (-56--37.9)
Belize	108 (65.9-166)	30.8 (6.1-61.7)	26 (17.4-37.2)	5.1 (-10.2-23.1)	2 (1.4-2.8)	-48 (-60.7--33.8)	0.6 (0.4-0.9)	-56.4 (-65.6--46.1)	0 (0-0.1)	-69.5 (-75.7--62.8)	3 (2.2-4.1)	-38.3 (-47.7--29.5)
Bermuda	13.8 (7.9-22.3)	47.9 (16.2-83.7)	4 (2.6-5.8)	7.2 (-9.9-26.4)	0.7 (0.5-1)	-42.1 (-54.3--26.6)	0.2 (0.1-0.3)	-52.9 (-61.9--41.3)	0 (0-0)	-72.4 (-78.3--65.9)	0.3 (0.2-0.4)	-51.4 (-58.4--43.1)
Cuba	28.9 (18.6-41.6)	94.7 (60.2-143)	5.9 (4.1-8)	33 (9.7-59.4)	0.3 (0.2-0.5)	-51.2 (-64.1--35.5)	0.1 (0.1-0.2)	-58.4 (-68.4--45.7)	0 (0-0)	-68.3 (-76--59)	0.4 (0.3-0.5)	-32.6 (-46--17.7)
Dominica	48.4 (28.9-74.4)	33.9 (6-63.9)	11.8 (7.7-16.8)	5.3 (-12.8-25)	1 (0.7-1.5)	-48.4 (-61.2--33.8)	0.3 (0.2-0.5)	-56.1 (-66.2--44.8)	0 (0-0)	-62.3 (-71--52.9)	1 (0.7-1.4)	-45.7 (-54.5--35.8)
Dominican Republic	123 (86.2-165)	20.4 (4.9-43.5)	27.4 (20-35.5)	-0.9 (-12.7-14.8)	1.5 (1-2.1)	-48.1 (-62.6--29.4)	0.4 (0.3-0.6)	-57 (-67.3--44.2)	0 (0-0)	-71.9 (-78.3--64.7)	3.2 (2.4-4.1)	-31.5 (-40.1--21.8)
Grenada	63.4 (38.4-97.9)	33.4 (10.7-62.3)	15.6 (10.3-22.4)	4.7 (-10.2-22.2)	1.4 (1-2)	-46.5 (-59.1--31)	0.5 (0.3-0.6)	-57.8 (-67.5--47.3)	0 (0-0.1)	-71.8 (-78.3--64.6)	1.5 (1.1-2)	-42.3 (-51.7--31.4)
Guyana	55.7 (32.9-84.1)	25.8 (2-54.3)	13.6 (8.6-19.1)	3.2 (-13.7-21.4)	1.1 (0.7-1.6)	-50.5 (-62.9--35.8)	0.3 (0.2-0.4)	-55.7 (-66.1--44.8)	0 (0-0)	-77.3 (-84.1--70.5)	1.6 (1.1-2.2)	-35.5 (-46.2--23.8)
Haiti	141 (109-180)	6.4 (-5.2-22.4)	30.8 (24-38.4)	-12.4 (-20.6--2)	1.2 (0.8-1.7)	-52.8 (-63.3--40.9)	0.3 (0.2-0.5)	-62.6 (-70.2--54.5)	0 (0-0)	-76.9 (-83.5--71)	4.1 (3.2-5.1)	-32.5 (-39.2--24.6)
Jamaica	222 (168-281)	-0.2 (-19.3-20)	50.7 (39.2-62.7)	-22.3 (-36.5--8.2)	3.7 (2.6-5.2)	-67.9 (-76.3--56.9)	1.3 (0.9-1.8)	-73 (-79.5--65.4)	0.1 (0.1-0.2)	-80 (-84.6--74.4)	4.5 (3.6-5.5)	-60.8 (-68.5--52.8)
Puerto Rico	16.1 (9.8-24.8)	44.6 (17.8-69.6)	4.6 (3.2-6.5)	4.1 (-10.4-20.6)	0.8 (0.5-1.1)	-44.7 (-56.4--30.3)	0.2 (0.2-0.3)	-55.5 (-64.2--45.6)	0 (0-0)	-76 (-81.8--69.6)	0.3 (0.3-0.5)	-59.5 (-65.6--52.4)
Saint Kitts and Nevis	44.4 (26.8-69.1)	35.3 (12.8-68.2)	11 (7.2-15.8)	4.2 (-11.4-22.5)	1.1 (0.7-1.5)	-47.2 (-59.4--33.8)	0.3 (0.2-0.4)	-59.2 (-67.4--50.4)	0 (0-0)	-61.7 (-70--53.1)	0.9 (0.7-1.2)	-48 (-56.2--39.2)
Saint Lucia	63.1 (39.1-94.8)	36.7 (12.9-67.3)	16.1 (10.9-22.5)	4.5 (-9.3-22.8)	1.8 (1.2-2.5)	-46.9 (-58.5--33.6)	0.5 (0.4-0.7)	-60.5 (-67.9--51.5)	0 (0-0.1)	-68.5 (-75.1--61)	1.3 (1-1.7)	-56.2 (-62.8--48)
Saint Vincent and the Grenadines	58.1 (34.1-91.7)	31.7 (8.6-60.6)	14.5 (9.6-21.1)	2.7 (-12.8-22.1)	1.4 (1-2)	-48.5 (-60.6--34.2)	0.4 (0.3-0.6)	-59.6 (-68.2--49)	0 (0-0)	-69.6 (-76.6--61.7)	1.4 (1-1.8)	-47 (-56.2--37.3)
Suriname	66.5 (41.4-100)	31.3 (9-53.7)	15.3 (10.3-21.4)	-0.6 (-14.9-13.2)	1.2 (0.8-1.7)	-48.1 (-61.5--32.2)	0.3 (0.2-0.5)	-59.1 (-69.2--49.1)	0 (0-0)	-71.6 (-78.7--64.7)	1.6 (1.1-2.1)	-36.5 (-45.7--26.3)
Trinidad and Tobago	55.1 (32.9-85.8)	36 (11.5-63.1)	13.5 (8.9-18.9)	0.7 (-14.7-16.9)	1.5 (1-2.1)	-46.8 (-60.2--29.8)	0.4 (0.3-0.5)	-62.9 (-71.2--51.9)	0 (0-0)	-77.4 (-82.7--71.4)	1.2 (0.8-1.5)	-43.4 (-53.2--32.4)
United States Virgin Islands	22.7 (13.4-33.8)	34.7 (10.7-61.6)	6.4 (4.2-8.9)	-0.3 (-14.2-16.1)	1 (0.7-1.5)	-44.9 (-58.5--30.5)	0.2 (0.2-0.3)	-54.1 (-64.3--43.5)	0 (0-0)	-81 (-85.6--75.8)	0.6 (0.4-0.8)	-46.5 (-55.1--37.6)
Central Latin America	1.8 (1.3-2.4)	-2.4 (-10.9-8.4)	0.5 (0.4-0.7)	-11.6 (-18.1--3.7)	0.1 (0.1-0.1)	-35.8 (-45.8--25.7)	0 (0-0)	-37.7 (-48.1--28.7)	0 (0-0)	-33.6 (-46.8--20.9)	0.1 (0.1-0.1)	-41.6 (-47.5--36.1)
Colombia	5 (3.5-6.8)	4.8 (-6.2-20.9)	1.5 (1.1-2)	3.4 (-5.7-15.6)	0.2 (0.1-0.3)	-3 (-20.9-16.8)	0.1 (0-0.1)	-8 (-25.4-8.6)	0 (0-0)	-18.8 (-40.1-3.3)	0.2 (0.1-0.2)	-27.9 (-36--19.5)
Costa Rica	0.1 (0.1-0.1)	5.5 (0-63.3)	0 (0-0.1)	4.6 (-7.3-69.1)	0 (0-0)	3.3 (-14-57.3)	0 (0-0)	-6.5 (-23.3-46)	0 (0-0)	-10.8 (-29.4-37.6)	0 (0-0)	-20.6 (-33.3-25.9)
El Salvador	0.7 (0.4-0.9)	7 (-8.2-59.7)	0.2 (0.2-0.3)	6.4 (-9.8-50.5)	0.1 (0-0.1)	0.8 (-21.4-42.1)	0 (0-0)	-8.1 (-30.8-26.5)	0 (0-0)	-8.7 (-39.7-33.5)	0 (0-0.1)	-22.5 (-37.1-5.4)
Guatemala	0.7 (0.5-1)	8.9 (-6.9-62.2)	0.2 (0.1-0.3)	2.5 (-14.5-46.4)	0 (0-0.1)	0.8 (-27.3-50.6)	0 (0-0)	-9.6 (-35.4-35.1)	0 (0-0)	-10.5 (-41-32.7)	0 (0-0.1)	-30.5 (-45--2.3)
Honduras	0.2 (0.1-0.3)	8.1 (-22-110)	0.1 (0-0.1)	6.4 (-25.3-82.9)	0 (0-0)	1.9 (-30.7-73.7)	0 (0-0)	-8 (-37.9-55.7)	0 (0-0)	-13.3 (-43.8-50.9)	0 (0-0)	-16.9 (-44-39.7)
Mexico	0.1 (0-0.2)	25.5 (0-119)	0 (0-0.1)	21.6 (-3.6-104)	0 (0-0)	18.7 (-6.5-105)	0 (0-0)	4.6 (-19.1-92.6)	0 (0-0)	2.1 (-22.7-103)	0 (0-0)	-9 (-28.9-55.4)
Aguascalientes	0.1 (0-0.2)	23.9 (-0.8-319)	0 (0-0.1)	20 (-8.3-263)	0 (0-0)	15.2 (-19.6-210)	0 (0-0)	4.3 (-28.4-185)	0 (0-0)	1.3 (-33.5-243)	0 (0-0)	-10.9 (-36.2-155)
Baja California	0.1 (0-0.2)	33 (-0.6-484)	0 (0-0.1)	29.8 (-6.5-430)	0 (0-0)	25.7 (-13.7-359)	0 (0-0)	12.1 (-23.6-335)	0 (0-0)	9.3 (-28.5-486)	0 (0-0)	-5 (-33.9-263)
Baja California Sur	0.1 (0-0.2)	28.9 (-0.8-484)	0 (0-0.1)	24.3 (-6.6-390)	0 (0-0)	19.8 (-14-293)	0 (0-0)	6.4 (-24.7-273)	0 (0-0)	10.1 (-26.9-405)	0 (0-0)	-6.6 (-32.4-243)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Campeche	0.1 (0-0.3)	23.9 (-0.8-317)	0 (0-0.1)	21.5 (-8.1-265)	0 (0-0)	18.4 (-20.1-222)	0 (0-0)	2.7 (-31.7-192)	0 (0-0)	2.5 (-33.3-241)	0 (0-0)	-8.4 (-35.2-162)
Chiapas	0.1 (0-0.2)	24.7 (-0.8-464)	0 (0-0.1)	21.4 (-7.8-365)	0 (0-0)	16.4 (-22.8-248)	0 (0-0)	4.6 (-32.5-213)	0 (0-0)	-5.5 (-42.1-269)	0 (0-0)	-3.8 (-31.8-227)
Chihuahua	0.1 (0-0.2)	27.4 (-0.8-464)	0 (0-0.1)	23.3 (-8.1-350)	0 (0-0)	19.3 (-18-298)	0 (0-0)	9.4 (-26.9-267)	0 (0-0)	8 (-35.7-442)	0 (0-0)	-8.9 (-35.5-217)
Coahuila	0.1 (0-0.2)	25.6 (-0.7-446)	0 (0-0.1)	22.5 (-7.8-352)	0 (0-0)	17.7 (-17.8-231)	0 (0-0)	7.2 (-25.7-219)	0 (0-0)	2.7 (-31.3-300)	0 (0-0)	-4.2 (-30.8-222)
Colima	0.1 (0-0.2)	23.4 (-0.6-489)	0 (0-0.1)	20.1 (-8-404)	0 (0-0)	16.8 (-17-383)	0 (0-0)	0.1 (-28.2-297)	0 (0-0)	0.6 (-31.2-453)	0 (0-0)	-12 (-35.2-259)
Durango	0.1 (0-0.2)	24.4 (-0.7-321)	0 (0-0.1)	21.4 (-8.2-271)	0 (0-0)	19.4 (-18.4-218)	0 (0-0)	5.7 (-27.4-214)	0 (0-0)	3.8 (-31-303)	0 (0-0)	-8.6 (-34.8-166)
Guanajuato	0.1 (0-0.2)	28.2 (-0.6-496)	0 (0-0.1)	23.4 (-7.3-428)	0 (0-0)	19.4 (-14.5-386)	0 (0-0)	5.2 (-28-359)	0 (0-0)	10.3 (-31.2-590)	0 (0-0)	-11.5 (-36.4-286)
Guerrero	0.1 (0-0.3)	23.5 (-0.7-246)	0 (0-0.1)	20.3 (-9-203)	0 (0-0)	17.8 (-21.3-208)	0 (0-0)	4.3 (-29.6-166)	0 (0-0)	-6.8 (-40.1-203)	0 (0-0)	-12.1 (-36.9-117)
Hidalgo	0.1 (0-0.2)	22.5 (-0.8-360)	0 (0-0.1)	18.5 (-7.8-334)	0 (0-0)	15.4 (-16.1-250)	0 (0-0)	2 (-28.6-225)	0 (0-0)	1 (-35.4-266)	0 (0-0)	-14.2 (-37-180)
Jalisco	0.1 (0-0.2)	28.5 (-0.8-496)	0 (0-0.1)	25.3 (-7.2-426)	0 (0-0)	21.1 (-14.7-337)	0 (0-0)	5.9 (-27.8-308)	0 (0-0)	2.8 (-35.3-508)	0 (0-0)	-6 (-34-260)
México	0.1 (0-0.2)	27.9 (-0.8-454)	0 (0-0.1)	24 (-7.7-378)	0 (0-0)	22.2 (-13.7-283)	0 (0-0)	7.6 (-24.6-258)	0 (0-0)	0.3 (-33.3-390)	0 (0-0)	-4 (-30.5-232)
Mexico City	0 (0-0.1)	20.7 (-0.6-887)	0 (0-0.1)	17.4 (-5.7-773)	0 (0-0)	16.5 (-9.4-663)	0 (0-0)	3.5 (-21.2-657)	0 (0-0)	-4.3 (-32.2-868)	0 (0-0)	-12.6 (-32-533)
Michoacán de Ocampo	0.1 (0-0.2)	26.2 (-0.6-490)	0 (0-0.1)	22.5 (-7.5-409)	0 (0-0)	18.8 (-17.4-378)	0 (0-0)	0.9 (-29.9-324)	0 (0-0)	0.8 (-34.8-544)	0 (0-0)	-10.6 (-35.6-279)
Morelos	0.1 (0-0.2)	22.8 (-0.8-281)	0 (0-0.1)	20.3 (-6.5-215)	0 (0-0)	17.7 (-15.4-192)	0 (0-0)	3.8 (-26.2-153)	0 (0-0)	-1.6 (-34.6-270)	0 (0-0)	-9.1 (-32.7-117)
Nayarit	0.1 (0-0.2)	27.1 (-0.8-351)	0 (0-0.1)	24.3 (-7.2-300)	0 (0-0)	21.4 (-17-271)	0 (0-0)	5.7 (-28.9-245)	0 (0-0)	4.5 (-32.7-366)	0 (0-0)	-5 (-33-199)
Nuevo León	0.1 (0-0.2)	25.2 (-0.7-489)	0 (0-0.1)	22.4 (-6.4-421)	0 (0-0)	20.9 (-11.3-344)	0 (0-0)	9.2 (-21.9-345)	0 (0-0)	5.2 (-26.8-473)	0 (0-0)	-4 (-29.4-288)
Oaxaca	0.1 (0-0.2)	22.6 (-0.8-464)	0 (0-0.1)	19.3 (-7.7-374)	0 (0-0)	15.8 (-16.5-239)	0 (0-0)	2.1 (-28.9-222)	0 (0-0)	-4.3 (-39.6-357)	0 (0-0)	-13.8 (-36.4-200)
Puebla	0.1 (0-0.3)	19.6 (-0.8-337)	0 (0-0.1)	16.1 (-10.5-261)	0 (0-0)	13.7 (-22.6-212)	0 (0-0)	0.7 (-32.3-169)	0 (0-0)	1.3 (-40.7-262)	0 (0-0)	-13.9 (-38-152)
Querétaro	0.1 (0-0.2)	22.6 (-0.8-260)	0 (0-0.1)	20 (-8.2-195)	0 (0-0)	17 (-16.6-215)	0 (0-0)	0.8 (-31.3-150)	0 (0-0)	3.8 (-32.2-189)	0 (0-0)	-12.9 (-36.8-109)
Quintana Roo	0.1 (0-0.3)	24.2 (-0.7-317)	0 (0-0.1)	21.4 (-6.9-262)	0 (0-0)	18.1 (-16.7-213)	0 (0-0)	1.1 (-29.4-188)	0 (0-0)	5.3 (-31.7-272)	0 (0-0)	-9.8 (-34.6-158)
San Luis Potosí	0.1 (0-0.2)	21.3 (-0.8-317)	0 (0-0.1)	17.5 (-7.7-244)	0 (0-0)	13.4 (-16.9-190)	0 (0-0)	1.4 (-27-163)	0 (0-0)	0.8 (-30.5-210)	0 (0-0)	-14.8 (-36.7-129)
Sinaloa	0.1 (0-0.2)	24.6 (-0.7-447)	0 (0-0.1)	21.9 (-7.2-367)	0 (0-0)	17.7 (-16.5-332)	0 (0-0)	3.4 (-28.1-288)	0 (0-0)	-1.9 (-35.2-527)	0 (0-0)	-13.2 (-37.2-239)
Sonora	0.1 (0-0.2)	27.2 (-0.6-484)	0 (0-0.1)	23.8 (-6.9-422)	0 (0-0)	19.4 (-14.9-344)	0 (0-0)	9.1 (-24-342)	0 (0-0)	1.9 (-32.7-500)	0 (0-0)	-8.4 (-33.5-271)
Tabasco	0.1 (0-0.3)	23.3 (-0.8-246)	0 (0-0.1)	21.2 (-9.3-212)	0 (0-0)	18.3 (-22.8-184)	0 (0-0)	0.6 (-34.5-156)	0 (0-0)	-1.7 (-38.6-202)	0 (0-0)	-11.4 (-38.4-125)
Tamaulipas	0.1 (0-0.2)	25.9 (-0.6-376)	0 (0-0.1)	21.2 (-7.7-336)	0 (0-0)	18.4 (-14.8-289)	0 (0-0)	6.6 (-24.1-276)	0 (0-0)	6.6 (-27.3-428)	0 (0-0)	-9 (-33.3-211)
Tlaxcala	0.1 (0-0.3)	25.5 (-0.8-446)	0 (0-0.1)	22.7 (-7.8-321)	0 (0-0)	20 (-18.1-215)	0 (0-0)	6.1 (-29.2-183)	0 (0-0)	11.5 (-28.7-273)	0 (0-0)	-8.2 (-35.3-158)
Veracruz de Ignacio de la Llave	0.1 (0-0.2)	24.2 (-0.7-319)	0 (0-0.1)	20.7 (-7.7-255)	0 (0-0)	16.5 (-17.2-206)	0 (0-0)	4.3 (-27.9-184)	0 (0-0)	-3.9 (-36.9-245)	0 (0-0)	-14.7 (-38-134)
Yucatán	0.1 (0-0.2)	21.3 (-0.8-322)	0 (0-0.1)	17.8 (-7.8-270)	0 (0-0)	12.9 (-17.8-205)	0 (0-0)	-1.2 (-30.1-182)	0 (0-0)	-2.5 (-33.2-223)	0 (0-0)	-13.1 (-35.3-155)
Zacatecas	0.1 (0-0.2)	23.3 (-0.8-446)	0 (0-0.1)	18.7 (-9.1-349)	0 (0-0)	13.8 (-19.5-277)	0 (0-0)	-1.1 (-32.2-222)	0 (0-0)	6.9 (-31.1-327)	0 (0-0)	-11.4 (-35.5-200)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Nicaragua	0.9 (0.6-1.3)	8.1 (-7.7-49.9)	0.3 (0.2-0.4)	6.9 (-9.6-43.1)	0.1 (0-0.1)	3.7 (-19.8-40.7)	0 (0-0)	-9.5 (-31.2-23)	0 (0-0)	-5.8 (-32.9-29)	0.1 (0-0.1)	-17.2 (-32.1-8.3)
Panama	0.8 (0.6-1.1)	7.2 (-12.7-50.5)	0.3 (0.2-0.4)	4.8 (-11.8-39.1)	0.1 (0.1-0.1)	2.8 (-15.6-37.2)	0 (0-0)	-3.6 (-21.8-29.2)	0 (0-0)	-12.3 (-31.6-18.6)	0.1 (0-0.1)	-10.7 (-24.9-16.5)
Venezuela (Bolivarian Republic of)	7.2 (5-9.6)	-5.6 (-21.5-15.4)	2.1 (1.6-2.7)	-23 (-33.6--9.5)	0.3 (0.2-0.4)	-53.9 (-64--41.1)	0.1 (0.1-0.1)	-55.5 (-65.6--42.5)	0 (0-0)	-52.9 (-65.5--35.7)	0.3 (0.2-0.3)	-53.7 (-60.2--45.7)
Tropical Latin America	1.7 (1.4-2.1)	12.8 (6.3-19.7)	1.5 (1.2-1.8)	9.9 (3.6-16.3)	1.2 (1-1.5)	15.3 (8.9-21.5)	0.5 (0.4-0.6)	5.9 (-1.1-12.5)	0.1 (0-0.1)	7.6 (-2.1-17)	0.5 (0.4-0.7)	-8.4 (-13.7--2.9)
Brazil	1.6 (1.3-2)	13.2 (6.4-20.5)	1.5 (1.2-1.8)	10.4 (3.8-17.2)	1.2 (1-1.5)	16 (9.3-22.6)	0.5 (0.4-0.6)	6.3 (-0.9-13.1)	0.1 (0-0.1)	8.1 (-1.9-17.7)	0.5 (0.4-0.7)	-8.1 (-13.6--2.3)
Acre	0.1 (0-0.2)	66.4 (0-2570)	0.1 (0-0.2)	64 (-3.2-2520)	0 (0-0.1)	68.9 (-3.5-2510)	0 (0-0)	64.1 (-10.1-2480)	0 (0-0)	97.2 (6-3150)	0 (0-0.1)	39 (-21-2080)
Alagoas	0.1 (0-0.2)	76.8 (0-2570)	0 (0-0.1)	72.9 (-4.3-2460)	0 (0-0.1)	79.4 (-3.6-2500)	0 (0-0)	68.1 (-12.7-2330)	0 (0-0)	112 (4.6-2970)	0 (0-0)	46.2 (-21.5-2040)
Amapá	0.1 (0-0.2)	57.3 (0-2570)	0.1 (0-0.2)	55.2 (-2.4-2530)	0 (0-0.1)	57.8 (-2.6-2540)	0 (0-0)	54.4 (-8.6-2490)	0 (0-0)	86.1 (4.4-3290)	0 (0-0.1)	28.7 (-21.4-2070)
Amazonas	0.2 (0.1-0.4)	79.5 (0-515)	0.1 (0.1-0.3)	76.9 (-2.2-500)	0.1 (0-0.2)	79.8 (-1.6-491)	0 (0-0.1)	73.8 (-8.8-467)	0 (0-0)	109 (2.6-756)	0.1 (0-0.1)	49.5 (-19.5-398)
Bahia	1 (0.6-1.4)	48.1 (0-146)	0.8 (0.5-1.2)	45.3 (-2.2-140)	0.6 (0.4-0.8)	49.6 (0.7-146)	0.2 (0.1-0.3)	31.4 (-12.2-118)	0 (0-0)	73 (12.4-199)	0.3 (0.2-0.4)	18 (-20.7-94.3)
Ceará	0.1 (0-0.1)	83.2 (0-1080)	0 (0-0.1)	80.1 (-2.5-1040)	0 (0-0.1)	85.7 (-1-1080)	0 (0-0)	74.6 (-12.1-1070)	0 (0-0)	135 (9.1-1950)	0 (0-0)	51.3 (-21-895)
Distrito Federal	1.4 (0.9-2.1)	60 (6.3-171)	1.2 (0.8-1.8)	58.2 (5.2-165)	1 (0.6-1.4)	60.9 (7.4-169)	0.3 (0.2-0.5)	46.3 (-1.5-143)	0 (0-0.1)	51.5 (3.9-151)	0.4 (0.3-0.6)	23.2 (-17.3-105)
Espírito Santo	0.5 (0.3-0.8)	93.2 (0-332)	0.4 (0.2-0.7)	90.1 (-1.8-327)	0.3 (0.2-0.6)	91.5 (-1.5-334)	0.1 (0-0.2)	67.7 (-13.9-270)	0 (0-0)	102 (-2.6-561)	0.1 (0.1-0.2)	43.9 (-25.9-221)
Goiás	0.5 (0.3-0.8)	40.6 (0-166)	0.4 (0.2-0.7)	38.7 (-2.4-160)	0.3 (0.2-0.5)	41.8 (-1.7-166)	0.1 (0-0.2)	37.9 (-7.5-158)	0 (0-0)	46.7 (-5.1-194)	0.1 (0.1-0.2)	10.2 (-24.8-104)
Maranhão	0 (0-0.1)	68.2 (0-1410)	0 (0-0.1)	64.8 (-4-1380)	0 (0-0.1)	72.5 (-2-1440)	0 (0-0)	53.9 (-15.6-1300)	0 (0-0)	118 (9.4-2190)	0 (0-0)	47.3 (-16.3-1230)
Mato Grosso	0.1 (0-0.1)	72.2 (0-1810)	0 (0-0.1)	70.1 (-2.9-1770)	0 (0-0.1)	74.5 (-2.8-1810)	0 (0-0)	64.1 (-12.1-1690)	0 (0-0)	99.4 (1.7-2120)	0 (0-0)	33.1 (-26.5-1370)
Mato Grosso do Sul	0.4 (0.2-0.7)	88.5 (-0.1-359)	0.4 (0.2-0.6)	86.4 (-1.4-354)	0.3 (0.1-0.5)	92.5 (0.8-365)	0.1 (0-0.2)	94.6 (0.9-360)	0 (0-0)	106 (4-416)	0.1 (0.1-0.2)	54 (-19.6-270)
Minas Gerais	0.5 (0.3-0.8)	-41.1 (-59.1--16.6)	0.4 (0.3-0.7)	-42.8 (-60.3--19.5)	0.3 (0.2-0.5)	-42.9 (-59.9--19.3)	0.1 (0.1-0.2)	-39.7 (-57.2--17)	0 (0-0)	-27.2 (-54-11)	0.1 (0.1-0.2)	-54 (-67.6--36.1)
Pará	0.1 (0-0.2)	85.2 (0-742)	0.1 (0-0.2)	82.5 (-2.6-701)	0.1 (0-0.1)	88 (-1.8-659)	0 (0-0)	80.9 (-9.9-667)	0 (0-0)	122 (7.3-1240)	0 (0-0.1)	54.9 (-20-555)
Paraíba	4 (2.9-5.4)	44.9 (32.3-59.1)	3.4 (2.4-4.6)	42.9 (30.4-57)	2.5 (1.7-3.3)	48 (33.4-62.4)	0.7 (0.5-1)	31.9 (16.5-49.7)	0 (0-0.1)	74.6 (48.9-107)	1 (0.8-1.4)	20.4 (8.6-32.3)
Paraná	0.1 (0.1-0.3)	88.4 (-0.1-375)	0.1 (0.1-0.2)	86.5 (-1.8-363)	0.1 (0-0.2)	92.3 (0-380)	0 (0-0.1)	95.5 (-1.9-389)	0 (0-0)	104 (-0.9-559)	0 (0-0.1)	49 (-23.9-275)
Pernambuco	0.3 (0.1-0.5)	94.4 (0-410)	0.2 (0.1-0.4)	91.3 (-2.7-404)	0.2 (0.1-0.3)	94.3 (-3-412)	0 (0-0.1)	66.5 (-18.9-326)	0 (0-0)	107 (0.1-498)	0.1 (0-0.1)	53.3 (-23.4-300)
Piauí	0.5 (0.3-0.9)	90.7 (0-331)	0.4 (0.2-0.7)	87.4 (-2-321)	0.3 (0.2-0.5)	95.2 (1.1-320)	0.1 (0-0.2)	74.5 (-12.6-281)	0 (0-0)	111 (6.3-437)	0.1 (0.1-0.2)	57 (-19.8-245)
Rio de Janeiro	4.2 (3.4-5.2)	9.2 (0.5-18.3)	3.8 (3-4.6)	8.3 (-0.4-17.3)	3 (2.4-3.7)	9.9 (1.7-18.6)	1 (0.8-1.2)	4.6 (-2.4-12.7)	0.1 (0-0.1)	-4.8 (-16.3-6.7)	1.1 (0.9-1.4)	-12.4 (-18.8--5.9)
Rio Grande do Norte	0.2 (0.1-0.3)	93.4 (-0.1-683)	0.1 (0-0.3)	90 (-3.1-668)	0.1 (0-0.2)	96.6 (-0.8-658)	0 (0-0.1)	90.8 (-8.3-648)	0 (0-0)	139 (8-1040)	0 (0-0.1)	60.2 (-20.8-530)
Rio Grande do Sul	0.3 (0.2-0.5)	70.3 (0-348)	0.3 (0.1-0.5)	68.9 (-1.5-344)	0.2 (0.1-0.4)	72.2 (-0.4-349)	0.1 (0-0.1)	71.8 (-1.2-332)	0 (0-0)	55.8 (-10.3-311)	0.1 (0-0.1)	31.5 (-24-238)
Rondônia	0.2 (0.1-0.4)	-11.7 (-75.3-39.1)	0.2 (0.1-0.3)	-12.4 (-74.7-36.9)	0.1 (0-0.2)	-8 (-73.2-44)	0 (0-0.1)	-4.8 (-71.3-49.9)	0 (0-0)	7.9 (-68.5-61)	0 (0-0.1)	-29.6 (-79.5-8.6)
Roraima	0.1 (0-0.2)	62.9 (0-1920)	0.1 (0-0.2)	60.7 (-2.7-1790)	0 (0-0.1)	65.8 (-2.4-1830)	0 (0-0)	60.7 (-9.6-1750)	0 (0-0)	89.8 (-4-3890)	0 (0-0.1)	32.5 (-22.1-1450)
Santa Catarina	0.3 (0.1-0.5)	89.6 (0-398)	0.2 (0.1-0.4)	87.8 (-1.5-395)	0.2 (0.1-0.3)	89.5 (-1.7-403)	0.1 (0-0.1)	75.2 (-11.4-359)	0 (0-0)	84.7 (-10.4-423)	0.1 (0-0.1)	41 (-27.6-272)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
São Paulo	6.1 (4.8-7.6)	21.3 (11.7-30.8)	5.3 (4.3-6.6)	19.9 (10.6-29.2)	4.1 (3.3-5.1)	22.3 (13.1-31.7)	1.5 (1.1-1.9)	14.9 (5.6-24.3)	0.2 (0.1-0.2)	10.1 (-2.2-23.5)	1.6 (1.3-2)	-4.3 (-11-3.3)
Sergipe	0.7 (0.4-1.1)	58.1 (0-197)	0.6 (0.3-0.9)	54.6 (-2.5-193)	0.4 (0.2-0.7)	54.7 (-2.4-194)	0.1 (0.1-0.2)	35.1 (-17.1-149)	0 (0-0)	103 (10.2-406)	0.2 (0.1-0.3)	18.9 (-25.8-125)
Tocantins	2.2 (1.4-3.1)	37.1 (10-66.1)	1.8 (1.2-2.6)	35.7 (9.1-64.8)	1.3 (0.9-1.9)	41.4 (12.9-75.5)	0.4 (0.3-0.6)	30.7 (5-61.2)	0 (0-0.1)	42.3 (19.4-67.9)	0.6 (0.4-0.9)	10.7 (-10.5-35.6)
Paraguay	2.3 (1.7-3.2)	0.8 (-8.2-12.2)	1.8 (1.3-2.4)	0 (-8.6-9.9)	1.2 (0.9-1.6)	-0.2 (-8.5-9.6)	0.5 (0.4-0.7)	-8.5 (-16.6--0.4)	0 (0-0.1)	-9.8 (-19.3-0.7)	0.7 (0.5-0.9)	-18.1 (-25--10.6)
North Africa and Middle East	0.3 (0.3-0.4)	-5.2 (-11.7-0.3)	0.2 (0.2-0.3)	-8.2 (-13.7--2.9)	0.1 (0.1-0.2)	-15 (-19.6--9.5)	0.1 (0-0.1)	-22 (-26.7--17)	0 (0-0)	1.2 (-6.5-9.3)	0.1 (0.1-0.1)	-26.9 (-31.3--22.4)
North Africa and Middle East	0.3 (0.3-0.4)	-5.2 (-11.7-0.3)	0.2 (0.2-0.3)	-8.2 (-13.7--2.9)	0.1 (0.1-0.2)	-15 (-19.6--9.5)	0.1 (0-0.1)	-22 (-26.7--17)	0 (0-0)	1.2 (-6.5-9.3)	0.1 (0.1-0.1)	-26.9 (-31.3--22.4)
Afghanistan	0.2 (0.1-0.3)	-2.3 (-32.5-0)	0.1 (0.1-0.1)	-2.9 (-32.6-6.8)	0 (0-0.1)	-4.8 (-31.9-11.9)	0 (0-0)	0.3 (-27.3-20.4)	0 (0-0)	77.8 (26.6-135)	0 (0-0)	-11.9 (-38.1-0.6)
Algeria	1.1 (0.8-1.4)	0.4 (-9.4-13.1)	0.7 (0.5-1)	-0.1 (-10.3-11.5)	0.4 (0.3-0.5)	1.6 (-9.6-14)	0.1 (0.1-0.2)	-18.3 (-27.4--7.4)	0 (0-0)	7.2 (-6.2-23.9)	0.2 (0.2-0.3)	-16.3 (-24.8--6.9)
Bahrain	0.3 (0.2-0.4)	-3.6 (-29.5-0)	0.2 (0.2-0.3)	-4.3 (-29.5-2.8)	0.1 (0.1-0.2)	-3.4 (-26.3-7)	0.1 (0-0.1)	-19 (-38.4--8.7)	0 (0-0)	-0.7 (-24.8-13.4)	0.1 (0-0.1)	-34.3 (-50.9--26.6)
Egypt	0.2 (0.1-0.3)	-1.6 (-31.4-21.2)	0.1 (0.1-0.2)	-3.6 (-32.7-20)	0.1 (0-0.1)	-0.7 (-29.4-27.6)	0 (0-0)	-7.3 (-31.8-18.5)	0 (0-0)	-3.7 (-27.2-25.6)	0 (0-0.1)	-10.3 (-36.1-15.4)
Iran (Islamic Republic of)	0.5 (0.4-0.6)	-1.8 (-7.9-5.1)	0.3 (0.3-0.4)	-3.3 (-8.9-3)	0.2 (0.2-0.2)	-0.6 (-6-5.3)	0.1 (0-0.1)	-23.4 (-29.8--17.7)	0 (0-0)	8 (0.8-19)	0.1 (0.1-0.1)	-25.5 (-30--20.6)
Alborz	0.4 (0.3-0.5)	-3 (-31.6-24.3)	0.3 (0.2-0.4)	-3.9 (-31.8-22.9)	0.2 (0.1-0.2)	-0.6 (-27.6-28.8)	0.1 (0-0.1)	-24.6 (-43.2-1.6)	0 (0-0)	-2.1 (-24.1-34.8)	0.1 (0.1-0.1)	-29 (-47.3--6.1)
Ardebil	0.4 (0.3-0.5)	-1.3 (-30.4-28.5)	0.3 (0.2-0.4)	-2.8 (-30.7-26)	0.1 (0.1-0.2)	0.3 (-27.4-30)	0 (0-0.1)	-24.6 (-42.7-0.4)	0 (0-0)	18 (-7.3-64.9)	0.1 (0.1-0.1)	-29.7 (-47.7--7.2)
Bushehr	0.7 (0.5-0.9)	-4.4 (-27.9-17.2)	0.5 (0.4-0.7)	-5.6 (-28-16)	0.3 (0.2-0.4)	-3.7 (-25.7-17.2)	0.1 (0.1-0.2)	-20.1 (-36.9--1.6)	0 (0-0)	1.9 (-17.7-28.6)	0.2 (0.1-0.2)	-21.8 (-38.8--4.4)
Chahar Mahaal and Bakhtiari	0.7 (0.5-1)	-0.5 (-23.2-20.3)	0.5 (0.4-0.7)	-1.6 (-23.4-18.3)	0.3 (0.2-0.4)	1.2 (-19.3-22.1)	0.1 (0.1-0.1)	-22.3 (-36--3.4)	0 (0-0)	9.2 (-8.3-44)	0.2 (0.1-0.2)	-24.9 (-38.9--8.3)
East Azarbaijean	0.4 (0.3-0.5)	-1.5 (-33-29.7)	0.3 (0.2-0.4)	-3.8 (-32.3-28.2)	0.1 (0.1-0.2)	0.8 (-26.5-32.1)	0 (0-0.1)	-26.7 (-45.9--1.2)	0 (0-0)	11.3 (-16-55)	0.1 (0.1-0.1)	-24.5 (-44.7-0.9)
Fars	0.7 (0.5-0.9)	-2.2 (-27.2-18.7)	0.5 (0.4-0.7)	-3.5 (-27.3-17.1)	0.3 (0.2-0.4)	-0.4 (-22.8-19.2)	0.1 (0.1-0.1)	-28.5 (-42--12)	0 (0-0)	2.3 (-16.1-31.2)	0.1 (0.1-0.2)	-30.7 (-45--16.7)
Gilan	0.3 (0.3-0.5)	-1 (-28.2-28.1)	0.3 (0.2-0.4)	-1.6 (-28.3-27.4)	0.2 (0.1-0.2)	0.6 (-24.7-31.1)	0.1 (0-0.1)	-21.2 (-38.8-6.7)	0 (0-0)	12.4 (-10.2-59.5)	0.1 (0.1-0.1)	-31.5 (-47.3--9)
Golestan	0.4 (0.3-0.5)	-0.6 (-30.9-27.1)	0.3 (0.2-0.4)	-2.5 (-31.1-25.4)	0.2 (0.1-0.2)	1.3 (-25.6-30.7)	0 (0-0.1)	-24.6 (-43.2-2.4)	0 (0-0)	11.9 (-12.7-57.9)	0.1 (0.1-0.1)	-23.1 (-43.4-0.9)
Hamadan	0.5 (0.4-0.7)	-2 (-34-26.7)	0.3 (0.3-0.5)	-3.3 (-34.3-23.4)	0.2 (0.1-0.3)	0.6 (-29-28.9)	0.1 (0-0.1)	-25.9 (-45--1.4)	0 (0-0)	4.7 (-17-48.5)	0.1 (0.1-0.1)	-30.2 (-49.6--10)
Hormozgan	0.5 (0.3-0.6)	3.8 (-17.5-33.6)	0.3 (0.2-0.4)	2.6 (-16.8-31.5)	0.2 (0.1-0.2)	5 (-14.8-35.5)	0.1 (0-0.1)	-18.5 (-32.8-8.4)	0 (0-0)	24.8 (-0.3-84.1)	0.1 (0.1-0.1)	-17.7 (-33.3-7.4)
Illam	0.5 (0.4-0.7)	-1.5 (-29.5-25)	0.4 (0.3-0.5)	-2.6 (-28.7-23.3)	0.2 (0.2-0.3)	0.7 (-24-26.8)	0.1 (0-0.1)	-24.6 (-42.4--1.2)	0 (0-0)	6.3 (-14.3-44.7)	0.1 (0.1-0.1)	-31.4 (-48.6--12.2)
Isfahan	0.6 (0.5-0.8)	-1.4 (-28.7-22.6)	0.5 (0.3-0.6)	-2.4 (-28.5-21.7)	0.3 (0.2-0.4)	0.2 (-24.3-26.2)	0.1 (0.1-0.1)	-23.6 (-39.2--1.1)	0 (0-0)	6.9 (-13.9-43.9)	0.1 (0.1-0.2)	-27.7 (-44.2--7.5)
Kerman	0.4 (0.3-0.6)	-0.5 (-30.4-25)	0.3 (0.2-0.4)	-1.8 (-29.6-23.8)	0.2 (0.1-0.2)	1.1 (-26.1-28.6)	0.1 (0-0.1)	-25.7 (-45.1--3.1)	0 (0-0)	9.9 (-13.8-48.2)	0.1 (0.1-0.1)	-22.7 (-43.9--0.4)
Kermanshah	0.5 (0.4-0.7)	-1.5 (-33.2-29.4)	0.4 (0.3-0.5)	-2.4 (-33-27.9)	0.2 (0.1-0.3)	1.2 (-28.1-31.5)	0.1 (0-0.1)	-27.5 (-48.1--2.2)	0 (0-0)	3.2 (-19.9-46.7)	0.1 (0.1-0.1)	-31.3 (-51.5--8.9)
Khorasan-e-Razavi	0.4 (0.3-0.5)	-1.4 (-30.9-29.6)	0.3 (0.2-0.4)	-3.2 (-30.9-26.2)	0.1 (0.1-0.2)	0.9 (-24.1-31.3)	0 (0-0.1)	-24.4 (-41.6-2.2)	0 (0-0)	16.7 (-6.5-64)	0.1 (0.1-0.1)	-22.9 (-42.3-1.7)
Khuzestan	0.8 (0.6-1)	-1.3 (-24.9-21.5)	0.6 (0.4-0.7)	-2.6 (-25.1-19.4)	0.3 (0.2-0.4)	0.2 (-21.8-22.7)	0.1 (0.1-0.1)	-25.5 (-40.9--7.6)	0 (0-0)	0.5 (-18.4-29.8)	0.2 (0.1-0.2)	-23.6 (-39.4--6.6)
Kohgiluyeh and Boyer-Ahmad	0.9 (0.7-1.2)	-1.8 (-25.4-23.9)	0.7 (0.5-0.9)	-2.9 (-25.8-20.4)	0.4 (0.3-0.5)	0.3 (-19.7-24.4)	0.1 (0.1-0.1)	-26.1 (-40.2--6.3)	0 (0-0)	15.4 (-4.7-52.5)	0.2 (0.1-0.2)	-27.2 (-42.2--8.9)
Kurdistan	0.5 (0.3-0.6)	-1.9 (-33.2-25.9)	0.3 (0.2-0.4)	-2.9 (-32.1-25.3)	0.2 (0.1-0.2)	0.3 (-28.8-26.9)	0.1 (0-0.1)	-24.3 (-44--0.6)	0 (0-0)	1.9 (-21.5-44.4)	0.1 (0.1-0.1)	-29.1 (-48.7--8.5)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Lorestan	0.5 (0.4-0.7)	-3 (-32.5-24.2)	0.4 (0.3-0.5)	-3.9 (-31.6-23.5)	0.2 (0.2-0.3)	-0.7 (-26.8-31.2)	0.1 (0.1-0.1)	-24.8 (-43.3-3.3)	0 (0-0)	7.5 (-14-55)	0.1 (0.1-0.1)	-29.3 (-47.6--5.5)
Markazi	0.5 (0.4-0.6)	-1.5 (-32.5-29.6)	0.4 (0.3-0.5)	-2.4 (-32.8-27.4)	0.2 (0.2-0.3)	1.2 (-27.7-30.9)	0.1 (0-0.1)	-24.3 (-43.5-1.1)	0 (0-0)	18.8 (-5.7-65.9)	0.1 (0.1-0.1)	-28.9 (-48.5--6.4)
Mazandaran	0.4 (0.3-0.5)	-1.4 (-31.9-26.7)	0.3 (0.2-0.4)	-2.2 (-31.7-26.4)	0.2 (0.1-0.2)	-0.1 (-27.7-31.4)	0.1 (0-0.1)	-22.8 (-42.6-3.3)	0 (0-0)	3.4 (-20.1-47.3)	0.1 (0.1-0.1)	-30.7 (-49--8.8)
North Khorasan	0.4 (0.3-0.6)	-1.2 (-30.9-35.3)	0.3 (0.2-0.4)	-3.3 (-31.6-30.5)	0.1 (0.1-0.2)	0.3 (-26.3-33.4)	0 (0-0.1)	-19.1 (-39.5-11.9)	0 (0-0)	8.8 (-16.2-62.5)	0.1 (0.1-0.1)	-25.9 (-45.6-0.5)
Qazvin	0.4 (0.3-0.5)	-0.6 (-27.1-32.4)	0.3 (0.2-0.4)	-1.6 (-26.6-30.9)	0.2 (0.1-0.2)	1.4 (-22.9-32.5)	0.1 (0-0.1)	-23.7 (-40.2-2.7)	0 (0-0)	19.5 (-2.7-69.6)	0.1 (0.1-0.1)	-26.3 (-43.3--2.8)
Qom	0.4 (0.3-0.6)	0.1 (-25.2-29.4)	0.3 (0.3-0.4)	-0.9 (-25.2-27.2)	0.2 (0.1-0.3)	1.9 (-22.1-30.4)	0.1 (0-0.1)	-19.4 (-37.1-5.9)	0 (0-0)	12.2 (-9.3-59)	0.1 (0.1-0.1)	-20.7 (-38.8-1.9)
Semnan	0.4 (0.3-0.5)	-0.6 (-29.7-28.6)	0.3 (0.2-0.4)	-1 (-29-26.5)	0.2 (0.1-0.2)	1 (-24.4-29.6)	0.1 (0-0.1)	-19.1 (-39.4-6.8)	0 (0-0)	13.1 (-11.9-54.8)	0.1 (0.1-0.1)	-22.5 (-41.9-2)
Sistan and Baluchistan	0.4 (0.3-0.6)	0.2 (-30.9-33.8)	0.3 (0.2-0.4)	-1.6 (-31.1-31.5)	0.1 (0.1-0.2)	0.3 (-27.5-34.4)	0 (0-0.1)	-17.5 (-37.6-13.6)	0 (0-0)	13.9 (-12.2-70.1)	0.1 (0.1-0.1)	-12.4 (-37.5-18.1)
South Khorasan	0.4 (0.3-0.5)	-0.5 (-29.8-29.7)	0.3 (0.2-0.4)	-2.1 (-28.2-29)	0.1 (0.1-0.2)	-0.3 (-24-29.3)	0 (0-0.1)	-19.9 (-37.7-6.4)	0 (0-0)	21.8 (-2.4-72.2)	0.1 (0.1-0.1)	-20.9 (-39.5-4.2)
Tehran	0.3 (0.3-0.5)	-0.8 (-25.3-23.8)	0.3 (0.2-0.4)	-1.9 (-25.9-22.8)	0.2 (0.1-0.2)	1.1 (-22.5-28.2)	0.1 (0-0.1)	-19.5 (-36-3.2)	0 (0-0)	-1.9 (-20.8-32)	0.1 (0.1-0.1)	-23.5 (-40.3--3.6)
West Azarbayejan	0.4 (0.3-0.6)	-0.3 (-27.2-29.7)	0.3 (0.2-0.4)	-2.1 (-28.2-29.3)	0.1 (0.1-0.2)	1.9 (-23.5-34.3)	0 (0-0.1)	-22.6 (-40-3.5)	0 (0-0)	16.1 (-6.4-69.4)	0.1 (0.1-0.1)	-19.9 (-39.6-5.8)
Yazd	0.5 (0.3-0.6)	0.1 (-28.2-25.3)	0.4 (0.3-0.5)	-1.4 (-28.8-21.7)	0.2 (0.2-0.3)	1.3 (-25.3-27.2)	0.1 (0.1-0.1)	-21.5 (-40.1-1.7)	0 (0-0)	15.9 (-10.3-59)	0.1 (0.1-0.1)	-18.4 (-39.4-3.3)
Zanjan	0.4 (0.3-0.6)	-0.7 (-28.2-32)	0.3 (0.2-0.4)	-2.1 (-28.2-31)	0.2 (0.1-0.2)	2 (-22.5-34.3)	0.1 (0-0.1)	-23.6 (-41.6-3.2)	0 (0-0)	12.9 (-9.6-63.4)	0.1 (0.1-0.1)	-27 (-44.2--2.5)
Iraq	0.2 (0.1-0.3)	-1.8 (-28.1-0)	0.1 (0.1-0.2)	-1.9 (-27.7-4.2)	0.1 (0.1-0.1)	-2.2 (-25-8.3)	0 (0-0)	-7.7 (-27.2-3.2)	0 (0-0)	1.7 (-19.2-16.8)	0 (0-0.1)	-21.3 (-40.6--14)
Jordan	0 (0-0.1)	-0.8 (-13.2-0)	0 (0-0.1)	-1.1 (-13.1-2.6)	0 (0-0)	-1.1 (-11.7-5.9)	0 (0-0)	-7.1 (-15.7-1.5)	0 (0-0)	14.1 (1.5-28.8)	0 (0-0)	-15 (-23--9.3)
Kuwait	0.2 (0.2-0.3)	-1.2 (-22.9-0.4)	0.2 (0.1-0.3)	-1.3 (-23.7-3.5)	0.1 (0.1-0.2)	-0.9 (-21.8-6.5)	0.1 (0-0.1)	-12.2 (-29.4--2.3)	0 (0-0)	24.9 (-0.3-41.6)	0.1 (0.1-0.1)	-20.1 (-35.6--13.2)
Lebanon	0.3 (0.2-0.4)	0.2 (-17.6-23.6)	0.2 (0.2-0.3)	-0.3 (-19.2-22.5)	0.2 (0.1-0.2)	1.1 (-18-23.5)	0.1 (0-0.1)	-9.9 (-23.3-8.3)	0 (0-0)	3 (-11.7-27.2)	0.1 (0.1-0.1)	-12 (-27.4-5.9)
Libya	0.2 (0.2-0.3)	-2.4 (-33.8-0)	0.2 (0.1-0.2)	-2.8 (-33.5-9)	0.1 (0.1-0.1)	-1.9 (-30-18.2)	0 (0-0)	-20.3 (-40.5--7)	0 (0-0)	18.9 (-8.6-49.4)	0 (0-0.1)	-33 (-51.3--23.5)
Morocco	0.2 (0.1-0.2)	-2.2 (-30.6-0.2)	0.1 (0.1-0.2)	-3.7 (-29.5-2.8)	0.1 (0-0.1)	-1.6 (-28.7-10.2)	0 (0-0)	-10.1 (-33.9-1.8)	0 (0-0)	1.6 (-24.5-17.8)	0 (0-0)	-22.5 (-43.5--13.8)
Oman	0.1 (0.1-0.2)	-1.5 (-27.6-0)	0.1 (0.1-0.1)	-1.9 (-27.3-4)	0.1 (0-0.1)	0 (-24.2-10.2)	0 (0-0)	-18.8 (-38.2--7.1)	0 (0-0)	4.4 (-19.2-21)	0 (0-0)	-21.3 (-40.3--13.6)
Palestine	0.2 (0.1-0.2)	-2.4 (-28.5-16.1)	0.1 (0.1-0.2)	-3.5 (-28.3-16.8)	0.1 (0.1-0.1)	-2.8 (-28.8-18.6)	0 (0-0)	-5.9 (-29.4-14.8)	0 (0-0)	16.5 (-12.4-42.2)	0.1 (0-0.1)	-16.7 (-38.8-2.2)
Qatar	0.3 (0.2-0.3)	-2 (-24.3-0)	0.2 (0.2-0.3)	-2.3 (-24.4-2.5)	0.2 (0.1-0.2)	-1.3 (-22.5-6)	0.1 (0-0.1)	1.4 (-22.5-15)	0 (0-0)	-11.4 (-31.9-2.4)	0.1 (0.1-0.1)	-16.9 (-35.3--7.8)
Saudi Arabia	0.2 (0.1-0.3)	-1 (-24.2-0)	0.1 (0.1-0.2)	-0.5 (-22.3-5.5)	0.1 (0.1-0.1)	0.4 (-19.7-11.6)	0 (0-0)	-18.3 (-34.3--7.2)	0 (0-0)	8.6 (-13.3-28.3)	0 (0-0.1)	-30.8 (-45.2--23.7)
Sudan	0.3 (0.2-0.4)	1.9 (-21.4-47.5)	0.2 (0.1-0.3)	-0.8 (-22.2-42.3)	0.1 (0-0.1)	1.4 (-21.9-40.8)	0 (0-0)	-1.9 (-23.9-35.2)	0 (0-0)	16.2 (-13.1-62.9)	0.1 (0-0.1)	-14.1 (-33.5-19.9)
Syrian Arab Republic	0.3 (0.2-0.3)	-1.8 (-26.5-11.4)	0.2 (0.1-0.3)	-1.6 (-24.6-12.7)	0.1 (0.1-0.1)	-4.2 (-26-11.3)	0 (0-0.1)	-6.8 (-27.1-9.9)	0 (0-0)	2.8 (-22.3-22.7)	0.1 (0-0.1)	-30.3 (-45.6--19.5)
Tunisia	0.1 (0.1-0.2)	-6.3 (-38.7-0)	0.1 (0.1-0.1)	-7.1 (-38.1-1.8)	0.1 (0-0.1)	-5 (-35.4-7.4)	0 (0-0)	-17.4 (-41.3--6)	0 (0-0)	-3.5 (-32.9-11.5)	0 (0-0)	-26.1 (-49.5--16.9)
Türkiye	0.8 (0.6-1)	0.2 (-16.8-18.9)	0.5 (0.4-0.7)	0.4 (-15-19)	0.3 (0.2-0.4)	0.6 (-13.5-18.6)	0.1 (0.1-0.2)	-7.2 (-18.6-9)	0 (0-0)	-2.9 (-15.8-13)	0.1 (0.1-0.2)	-25 (-35.1--12)
United Arab Emirates	0 (0-0)	-2.1 (-33.7-0)	0 (0-0)	-2.8 (-33.2-1)	0 (0-0)	-2.2 (-31.9-3.7)	0 (0-0)	-27 (-53.8--17.5)	0 (0-0)	-3.4 (-39.5-9.2)	0 (0-0)	-31.8 (-54.9--25)
Yemen	0.2 (0.1-0.3)	-2.2 (-27.9-0)	0.1 (0.1-0.1)	-4.7 (-29.8-3.1)	0 (0-0.1)	-1.9 (-26.4-12.2)	0 (0-0)	-12.1 (-34.7-2.7)	0 (0-0)	-2.8 (-29.3-17.8)	0 (0-0.1)	-19 (-39.1--9.4)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
South Asia	0.1 (0.1-0.1)	-5.6 (-12.1--1.3)	0.1 (0-0.1)	-5.3 (-11.8--0.9)	0 (0-0)	-6.9 (-12.5--2)	0 (0-0)	-10.7 (-16.4--5.4)	0 (0-0)	-1.5 (-8.7-5.8)	0 (0-0)	-23.9 (-29.3--19.6)
South Asia	0.1 (0.1-0.1)	-5.6 (-12.1--1.3)	0.1 (0-0.1)	-5.3 (-11.8--0.9)	0 (0-0)	-6.9 (-12.5--2)	0 (0-0)	-10.7 (-16.4--5.4)	0 (0-0)	-1.5 (-8.7-5.8)	0 (0-0)	-23.9 (-29.3--19.6)
Bangladesh	0 (0-0)	-2.9 (-45.1-0)	0 (0-0)	-3.2 (-45-3.2)	0 (0-0)	-3.3 (-43.4-8.3)	0 (0-0)	-9.2 (-41.9-3.4)	0 (0-0)	-11.7 (-46.2-5.5)	0 (0-0)	-28 (-56.8--20)
Bhutan	0 (0-0)	2.6 (0-82.4)	0 (0-0)	2 (-4.9-7.7)	0 (0-0)	3.4 (-8.4-77.6)	0 (0-0)	-9.4 (-21.5-59)	0 (0-0)	-2.5 (-16.9-52.6)	0 (0-0)	-21.5 (-29.8-34.9)
India	0.1 (0.1-0.1)	-3.3 (-10.5-1.4)	0.1 (0.1-0.1)	-3.4 (-10.1-1.5)	0 (0-0.1)	-4.8 (-10.4-0.3)	0 (0-0)	-9.9 (-15.7--4.3)	0 (0-0)	-0.8 (-8.3-7.4)	0 (0-0)	-23.6 (-28.9--19)
Nepal	0 (0-0)	-0.1 (0-0)	0 (0-0)	-0.6 (-4.2-3.8)	0 (0-0)	0.1 (-7.8-10)	0 (0-0)	-2.3 (-10.9-8.8)	0 (0-0)	-7.3 (-18.3-6.6)	0 (0-0)	-21.1 (-26.9--14.3)
Pakistan	0 (0-0.1)	-5.2 (-50.7-0)	0 (0-0)	-5.8 (-50.9-1.3)	0 (0-0)	-4.2 (-48.2-6.3)	0 (0-0)	-5.5 (-46.8-6)	0 (0-0)	0.9 (-39.4-17.3)	0 (0-0)	-16.5 (-55.3--8.3)
Azad Jammu & Kashmir	0 (0-0.1)	-2.6 (-52-0)	0 (0-0)	-3.2 (-50.7-3)	0 (0-0)	-2.5 (-47.9-9.3)	0 (0-0)	-10.8 (-51.6-3.3)	0 (0-0)	-6.2 (-49.8-17.5)	0 (0-0)	-22.1 (-58.6--13.8)
Balochistan	0 (0-0.1)	-5.9 (-78.1-0)	0 (0-0)	-6.2 (-78.1-3)	0 (0-0)	-5.9 (-77-8)	0 (0-0)	-1.2 (-75.2-15.1)	0 (0-0)	-0.1 (-75.1-21.1)	0 (0-0)	-7.8 (-77.9-3.7)
Gilgit-Baltistan	0 (0-0.1)	-2.2 (-19.6-0)	0 (0-0)	-2.7 (-20.5-2.4)	0 (0-0)	-1.6 (-20.1-9.6)	0 (0-0)	-3.5 (-21.3-11.1)	0 (0-0)	-17.7 (-39.1-1.9)	0 (0-0)	-5.4 (-22.8-2.8)
Islamabad Capital Territory	0 (0-0)	-2.7 (-28.2-0)	0 (0-0)	-3.1 (-28.4-1.8)	0 (0-0)	-1.9 (-25.6-6)	0 (0-0)	-8.8 (-32.6-0.5)	0 (0-0)	2.6 (-23.8-18.7)	0 (0-0)	-12.6 (-34.9--6)
Khyber Pakhtunkhwa	0 (0-0.1)	-1.9 (-23.9-0)	0 (0-0)	-2.4 (-25.7-2.5)	0 (0-0)	-1 (-24.3-7.2)	0 (0-0)	-0.9 (-24.6-9.1)	0 (0-0)	5 (-23.5-22.3)	0 (0-0)	-3.9 (-26-2.7)
Punjab	0 (0-0.1)	-4.8 (-45.4-0)	0 (0-0)	-6 (-45.6-2.8)	0 (0-0)	-5.6 (-45.1-10.1)	0 (0-0)	-7.7 (-44.7-9.9)	0 (0-0)	1.3 (-39-28.1)	0 (0-0)	-21.9 (-54.5--11.1)
Sindh	0 (0-0.1)	-4.6 (-45.4-0)	0 (0-0)	-5.8 (-46.9-2.9)	0 (0-0)	-5 (-47.2-8.5)	0 (0-0)	-5.6 (-48.5-11.3)	0 (0-0)	-4.6 (-46.1-18.7)	0 (0-0)	-17.9 (-54.7--7.6)
Southeast Asia, East Asia, and Oceania	0.1 (0.1-0.1)	1.3 (-4.5-6.1)	0.1 (0.1-0.1)	-5.2 (-10.6--0.4)	0 (0-0.1)	-3.8 (-9-0.7)	0 (0-0)	-14.1 (-19.1--9.5)	0 (0-0)	5.1 (-0.5-11.5)	0 (0-0)	-24.3 (-28.6--20.6)
East Asia	0.1 (0.1-0.2)	0.9 (-5.8-5.9)	0.1 (0.1-0.1)	-5.5 (-11.7--0.2)	0.1 (0.1-0.1)	1.1 (-4.7-6.1)	0 (0-0)	-6.8 (-12.4--1.6)	0 (0-0)	5 (-0.7-11.7)	0 (0-0)	-22.4 (-26.9--18.2)
China	0.2 (0.1-0.2)	-0.7 (-7.3-4.2)	0.1 (0.1-0.1)	-6.9 (-13--1.6)	0.1 (0.1-0.1)	0.6 (-5.2-5.6)	0 (0-0)	-6.6 (-12.2--1.3)	0 (0-0)	4.7 (-1.1-11.4)	0 (0-0)	-22.5 (-27--18.3)
Democratic People's Republic of Korea	0 (0-0.1)	-1.2 (0-0)	0 (0-0)	-1.5 (-2.6-1.7)	0 (0-0)	-1.6 (-5.4-2.9)	0 (0-0)	-5.8 (-12.7-0.6)	0 (0-0)	7.6 (-8.1-19.7)	0 (0-0)	-24.6 (-28.9--20.1)
Taiwan (Province of China)	0 (0-0)	-0.3 (0-0)	0 (0-0)	-0.7 (-2-1.1)	0 (0-0)	0 (-2.8-2.8)	0 (0-0)	-7.4 (-12--3.4)	0 (0-0)	-9 (-16.3--2.5)	0 (0-0)	-28.5 (-31.5--25.3)
Oceania	0 (0-0.1)	1.2 (-0.4-8.2)	0 (0-0)	-0.4 (-4.2-7.2)	0 (0-0)	-2.6 (-9.5-4.8)	0 (0-0)	-9.5 (-17.2-1.2)	0 (0-0)	-1.6 (-10.6-10.8)	0 (0-0)	-9.2 (-14.5--1.4)
American Samoa	0 (0-0)	-2.7 (-57.8-0)	0 (0-0)	-2.5 (-57.5-1.8)	0 (0-0)	-3.1 (-57.1-2.7)	0 (0-0)	3.6 (-49-12)	0 (0-0)	-1.8 (-43.2-11)	0 (0-0)	-16.8 (-62.5--11.7)
Cook Islands	0 (0-0)	-0.2 (0-0)	0 (0-0)	-0.2 (-1.3-1.6)	0 (0-0)	-0.6 (-3.3-2.6)	0 (0-0)	-0.2 (-4.6-4.8)	0 (0-0)	-6 (-14.3-4.8)	0 (0-0)	-19.7 (-22.2--17)
Fiji	0 (0-0)	0 (0-0)	0 (0-0)	-0.4 (-3.2-2.2)	0 (0-0)	0.3 (-4.7-5.9)	0 (0-0)	-5.9 (-12.4-3)	0 (0-0)	-12.1 (-22.8-1.6)	0 (0-0)	-11 (-15.2--6.1)
Guam	0 (0-0)	-0.1 (0-0)	0 (0-0)	0.1 (-1.4-1.9)	0 (0-0)	-0.2 (-3.2-3.4)	0 (0-0)	3 (-2.1-8.9)	0 (0-0)	-13.8 (-21.7--5.8)	0 (0-0)	-11.7 (-14.5--7.9)
Kiribati	0 (0-0.1)	0 (0-0)	0 (0-0)	-0.4 (-4.4-3.5)	0 (0-0)	0 (-8-8.4)	0 (0-0)	-3.8 (-13.4-6.6)	0 (0-0)	-1.1 (-18-19.4)	0 (0-0)	-9.3 (-15.5--3)
Marshall Islands	0 (0-0)	-3.6 (-45.6-0)	0 (0-0)	-4 (-44.9-2.2)	0 (0-0)	-3.9 (-42.8-5.3)	0 (0-0)	-17.3 (-47.5--7.4)	0 (0-0)	-12.1 (-35.4-8.8)	0 (0-0)	-22.2 (-53--15.3)
Micronesia (Federated States of)	0 (0-0)	0 (0-0)	0 (0-0)	0 (-2.3-2.6)	0 (0-0)	-0.2 (-4.9-5.1)	0 (0-0)	-5.9 (-12.8-1.5)	0 (0-0)	4.1 (-12.3-22.5)	0 (0-0)	-19.5 (-23.6--15.2)
Nauru	0 (0-0)	-1 (0-0)	0 (0-0)	-1.8 (-4.5-1.8)	0 (0-0)	-1.3 (-7.7-6)	0 (0-0)	0.6 (-8.7-10.9)	0 (0-0)	-6.2 (-21.4-12.7)	0 (0-0)	-8.5 (-13.5--2.4)
Niue	0 (0-0)	-3.4 (-79.3-0)	0 (0-0)	-3.3 (-78-2.4)	0 (0-0)	-3.6 (-77.3-3.8)	0 (0-0)	-4 (-74-6.5)	0 (0-0)	6 (-58.5-24.5)	0 (0-0)	-15.7 (-79.1--9)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Northern Mariana Islands	0 (0-0)	1.6 (0-2.4)	0 (0-0)	0 (-3.1-3.5)	0 (0-0)	0.3 (-4-9)	0 (0-0)	11.7 (3.7-25.5)	0 (0-0)	-9.7 (-18.8-5.2)	0 (0-0)	-28.5 (-32.4--22.2)
Palau	0 (0-0)	-0.2 (0-0)	0 (0-0)	-0.9 (-3.1-1.9)	0 (0-0)	-0.8 (-4.9-4.5)	0 (0-0)	-5.6 (-12.9-1.3)	0 (0-0)	-1.5 (-14.1-11.5)	0 (0-0)	-26.9 (-30.9--23.2)
Papua New Guinea	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (-3.5-3.5)	0 (0-0)	0.3 (-8.2-8.4)	0 (0-0)	-4.9 (-14.8-4.3)	0 (0-0)	8.8 (-6.4-26.9)	0 (0-0)	-7 (-12.9--1)
Samoa	0 (0-0)	-4 (-42.1-0)	0 (0-0)	-3 (-42.3-4)	0 (0-0)	-4.8 (-44.1-5.2)	0 (0-0)	-2.9 (-44-9.1)	0 (0-0)	7.6 (-44-26.3)	0 (0-0)	-9 (-47.4-0.4)
Solomon Islands	0 (0-0)	-2.4 (-42.4-0)	0 (0-0)	-3.1 (-41.1-2.1)	0 (0-0)	-2.7 (-40.5-5.3)	0 (0-0)	-10.6 (-49.6--0.6)	0 (0-0)	13.3 (-44.8-38.3)	0 (0-0)	-11.9 (-47.7--5)
Tokelau	0 (0-0)	0.3 (-23.4-0)	0 (0-0)	0.3 (-24.3-1.9)	0 (0-0)	0.8 (-22.4-5.8)	0 (0-0)	-5.1 (-28.3-3.6)	0 (0-0)	7 (-21.5-32.7)	0 (0-0)	-12.9 (-33.8--8.8)
Tonga	0 (0-0)	-1.3 (-22-0)	0 (0-0)	-1.4 (-21.1-2.2)	0 (0-0)	-1.1 (-20.4-5.1)	0 (0-0)	-4.8 (-26.7-2.2)	0 (0-0)	5.7 (-22.6-19.8)	0 (0-0)	-8.9 (-28.3--3.9)
Tuvalu	0 (0-0)	2 (0-0)	0 (0-0)	2.4 (-3-5.1)	0 (0-0)	1 (-7.8-7.3)	0 (0-0)	6.1 (-4.4-14.6)	0 (0-0)	-5.6 (-19.5-10)	0 (0-0)	-9.3 (-16.6--4.7)
Vanuatu	0 (0-0)	-4.4 (-42.6-0)	0 (0-0)	-4.9 (-43-2.2)	0 (0-0)	-5.1 (-44.2-5.5)	0 (0-0)	-9.3 (-52-2.8)	0 (0-0)	-15.5 (-66-4.9)	0 (0-0)	-14.5 (-51--6.1)
Southeast Asia	0 (0-0)	1.4 (-0.3-33)	0 (0-0)	1.1 (-1.1-30.6)	0 (0-0)	0.5 (-3.5-27.9)	0 (0-0)	-7.3 (-11.4-13.1)	0 (0-0)	3.8 (-1.7-14)	0 (0-0)	-18.5 (-21.4-2)
Cambodia	0 (0-0.1)	1 (0-0)	0 (0-0)	0.7 (-3.3-4.8)	0 (0-0)	1.2 (-7.4-11.6)	0 (0-0)	-10.7 (-20.2-2.6)	0 (0-0)	-3 (-17.3-20.5)	0 (0-0)	-20.6 (-26.7--13.6)
Indonesia	0 (0-0.1)	2.4 (0-70)	0 (0-0)	1.1 (-1.9-68.7)	0 (0-0)	0.2 (-3.9-58.5)	0 (0-0)	-8.4 (-13.6-41.8)	0 (0-0)	5.1 (-2.7-49.7)	0 (0-0)	-18.7 (-22.5-29.1)
Aceh	0 (0-0.1)	-1.5 (-51.7-19.6)	0 (0-0)	-2.4 (-51.6-16.8)	0 (0-0)	-1.5 (-51.2-16.2)	0 (0-0)	-10.7 (-54.6-7)	0 (0-0)	5.2 (-43.2-29.5)	0 (0-0)	-18.4 (-58.7--3.1)
Bali	0 (0-0.1)	0.2 (0-0)	0 (0-0)	-0.6 (-3.2-1.6)	0 (0-0)	-0.8 (-5.7-5)	0 (0-0)	-7.1 (-13.8--0.6)	0 (0-0)	1.9 (-12-18.1)	0 (0-0)	-20.7 (-24.9--16.6)
Bangka-Belitung Islands	0 (0-0.1)	3.6 (0-208)	0 (0-0)	2.4 (-4.6-198)	0 (0-0)	2.7 (-7.6-192)	0 (0-0)	-14.3 (-26-136)	0 (0-0)	7 (-12.6-197)	0 (0-0)	-20.9 (-28.9-125)
Banten	0 (0-0.1)	4.5 (0-73.8)	0 (0-0)	3.5 (-4.5-69.2)	0 (0-0)	3.7 (-8.8-70)	0 (0-0)	-6 (-18.5-63.6)	0 (0-0)	13.9 (-4.3-104)	0 (0-0)	-14.7 (-24.3-45.7)
Bengkulu	0 (0-0.1)	3.1 (0-49)	0 (0-0)	2 (-4.2-50.3)	0 (0-0)	2.5 (-7.1-52.9)	0 (0-0)	-8.7 (-18.6-34.2)	0 (0-0)	6.6 (-10.3-53)	0 (0-0)	-19.5 (-26.5-18)
Gorontalo	0 (0-0.1)	1.6 (0-81.8)	0 (0-0)	1 (-3.7-78)	0 (0-0)	-1 (-10.6-68.7)	0 (0-0)	4.4 (-7.4-66.6)	0 (0-0)	17.2 (-4.2-99.5)	0 (0-0)	-15.8 (-24.1-45.2)
Jakarta	0 (0-0.1)	1.6 (0-31)	0 (0-0)	0.2 (-4.1-29.9)	0 (0-0)	1.6 (-6.9-32.3)	0 (0-0)	-11.8 (-20.8-14)	0 (0-0)	-2.3 (-18.3-32.5)	0 (0-0)	-18.5 (-25.3-6)
Jambi	0 (0-0.1)	3.3 (0-60.4)	0 (0-0)	2.5 (-3.1-58.3)	0 (0-0)	2.5 (-6.7-59.6)	0 (0-0)	-8.5 (-18.6-37.9)	0 (0-0)	2.2 (-15.2-57.7)	0 (0-0)	-18.8 (-25.7-25)
West Java	0 (0-0.1)	2.2 (0-81.8)	0 (0-0)	1.4 (-3.7-85.4)	0 (0-0)	1 (-7.7-91.3)	0 (0-0)	-7.2 (-16.4-85.8)	0 (0-0)	9.3 (-5.6-144)	0 (0-0)	-18.8 (-25.4-57.2)
Central Java	0 (0-0.1)	0.7 (0-0.1)	0 (0-0)	0.2 (-3.1-3.3)	0 (0-0)	-0.3 (-7.4-8.6)	0 (0-0)	-7.1 (-16.6-2.5)	0 (0-0)	7.1 (-8.1-39)	0 (0-0)	-21.4 (-26.8--15.5)
East Java	0 (0-0.1)	0.7 (0-0)	0 (0-0)	-0.1 (-3.6-4.7)	0 (0-0)	-0.5 (-7-9)	0 (0-0)	-6.5 (-14.7-8)	0 (0-0)	4.1 (-13.1-29.4)	0 (0-0)	-20.7 (-26--12)
West Kalimantan	0 (0-0.1)	3.6 (0-49.6)	0 (0-0)	2.5 (-4.4-50.2)	0 (0-0)	2.9 (-9.2-51.2)	0 (0-0)	-7.4 (-20.3-35.5)	0 (0-0)	-1.9 (-20.4-45.1)	0 (0-0)	-17.8 (-26.7-20.8)
South Kalimantan	0 (0-0.1)	3.5 (0-49.6)	0 (0-0)	2.3 (-4.1-48.2)	0 (0-0)	2.1 (-9.3-53.5)	0 (0-0)	-7.2 (-20.4-45.7)	0 (0-0)	8 (-13.1-88.6)	0 (0-0)	-20.6 (-29.2-20.2)
Central Kalimantan	0 (0-0.1)	3.4 (0-107)	0 (0-0)	2.6 (-4.1-104)	0 (0-0)	2.5 (-8.2-100)	0 (0-0)	-9.5 (-20.3-72.6)	0 (0-0)	6.8 (-9.2-105)	0 (0-0)	-18.8 (-26.7-57.7)
East Kalimantan	0 (0-0.1)	0.7 (0-0.1)	0 (0-0)	-0.4 (-3.1-3.4)	0 (0-0)	0.3 (-5.3-11.4)	0 (0-0)	-9.6 (-16.9-1.6)	0 (0-0)	-0.7 (-14.5-19.9)	0 (0-0)	-16.2 (-20.9--8.8)
North Kalimantan	0 (0-0.1)	2.4 (0-71.5)	0 (0-0)	1.3 (-4.1-67.1)	0 (0-0)	1.3 (-6.9-64.4)	0 (0-0)	-5.8 (-15.7-66)	0 (0-0)	1.4 (-10.6-69.7)	0 (0-0)	-17.7 (-24.7-37.6)
Riau Islands	0 (0-0.1)	1.7 (0-31)	0 (0-0)	-0.3 (-5.4-28.3)	0 (0-0)	2.5 (-6.1-30.9)	0 (0-0)	-21.1 (-29.5--1.2)	0 (0-0)	9.6 (-3.4-43.3)	0 (0-0)	-14.3 (-21-8.9)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Lampung	0 (0-0.1)	2.6 (0-22.6)	0 (0-0)	1.8 (-3.6-24.7)	0 (0-0)	1.5 (-7.6-28.6)	0 (0-0)	-8.6 (-20.2-17.6)	0 (0-0)	6 (-10.3-46.7)	0 (0-0)	-21.1 (-28.9--0.1)
Maluku	0 (0-0.1)	2.7 (0-73.8)	0 (0-0)	1.2 (-5.1-70.7)	0 (0-0)	2 (-8.8-73)	0 (0-0)	-0.6 (-14-66.7)	0 (0-0)	9 (-12.3-55)	0 (0-0)	-14 (-22.1-45.3)
North Maluku	0 (0-0.1)	2.6 (0-73.8)	0 (0-0)	1.3 (-4.2-67.7)	0 (0-0)	1.1 (-8.9-67.1)	0 (0-0)	-8.7 (-19.6-47.8)	0 (0-0)	4.3 (-14.3-28)	0 (0-0)	-20 (-27.5-32.8)
West Nusa Tenggara	0 (0-0.1)	4.5 (0-81.8)	0 (0-0)	3.6 (-4.6-76.2)	0 (0-0)	4.3 (-8.9-72.7)	0 (0-0)	-6.9 (-21.5-57.6)	0 (0-0)	5.4 (-16.8-67.5)	0 (0-0)	-16.8 (-26.7-41.5)
East Nusa Tenggara	0 (0-0.1)	4.3 (0-81.8)	0 (0-0)	3.1 (-4.4-81.6)	0 (0-0)	2 (-10.6-85.3)	0 (0-0)	2.5 (-12.2-96.5)	0 (0-0)	6.4 (-14-110)	0 (0-0)	-12.9 (-22.3-61.8)
Papua	0 (0-0.1)	2.2 (0-73.8)	0 (0-0)	0.7 (-4.6-57.3)	0 (0-0)	0.8 (-9.4-49)	0 (0-0)	-6 (-17.3-40.6)	0 (0-0)	6.5 (-13.1-56.1)	0 (0-0)	-15.6 (-23.1-28.2)
West Papua	0 (0-0.1)	3 (0-101)	0 (0-0)	2.2 (-3.9-97)	0 (0-0)	3.2 (-7.3-96.7)	0 (0-0)	-7.9 (-19.7-64.7)	0 (0-0)	-17.8 (-31.9-16.2)	0 (0-0)	-16 (-23.8-58.1)
Riau	0 (0-0.1)	2.6 (0-107)	0 (0-0)	1.6 (-3.6-101)	0 (0-0)	1.9 (-6-91.9)	0 (0-0)	-8.4 (-17.7-68.2)	0 (0-0)	10.1 (-5.7-95.1)	0 (0-0)	-14.3 (-21.3-62.6)
West Sulawesi	0 (0-0.1)	2.6 (0-73.8)	0 (0-0)	1.7 (-4-71.9)	0 (0-0)	1.1 (-9.1-66.5)	0 (0-0)	-2.6 (-14.7-65.5)	0 (0-0)	2.4 (-17.3-57.2)	0 (0-0)	-18.3 (-26.1-34.5)
South Sulawesi	0 (0-0.1)	2.2 (0-60.4)	0 (0-0)	1.2 (-4.1-56.1)	0 (0-0)	0.8 (-8-53.2)	0 (0-0)	-5.1 (-15.2-40.7)	0 (0-0)	1.8 (-12.3-50.1)	0 (0-0)	-19.1 (-26.1-23)
Central Sulawesi	0 (0-0.1)	3.9 (0-178)	0 (0-0)	2.7 (-4.5-184)	0 (0-0)	2.7 (-8.8-193)	0 (0-0)	-3.9 (-16.1-171)	0 (0-0)	1 (-17.1-173)	0 (0-0)	-18.3 (-26.7-129)
Southeast Sulawesi	0 (0-0.1)	1.8 (0-22.4)	0 (0-0)	0.7 (-4-25.3)	0 (0-0)	0.9 (-7.8-33.1)	0 (0-0)	-7.4 (-18.8-25.6)	0 (0-0)	2.8 (-14.4-39.9)	0 (0-0)	-17.9 (-25-8)
North Sulawesi	0 (0-0.1)	0.5 (0-0)	0 (0-0)	-0.2 (-3.5-2.8)	0 (0-0)	-0.7 (-7.3-5.9)	0 (0-0)	-5.9 (-13.2-2)	0 (0-0)	-0.8 (-13.8-14.6)	0 (0-0)	-23.4 (-28.9--18.8)
West Sumatra	0 (0-0.1)	1.3 (-1.3-30.8)	0 (0-0)	0.5 (-9-29.3)	0 (0-0)	0.5 (-14.4-35.8)	0 (0-0)	-5.1 (-24-34.8)	0 (0-0)	5.7 (-26.8-53.7)	0 (0-0)	-18.6 (-30.1-8.9)
South Sumatra	0 (0-0.1)	0.3 (0-49)	0 (0-0)	-0.6 (-5.5-47)	0 (0-0)	0 (-8.7-49.7)	0 (0-0)	-10.9 (-23.4-35.8)	0 (0-0)	2.1 (-18.1-68.3)	0 (0-0)	-20.9 (-28.6-17.5)
North Sumatra	0 (0-0.1)	2.1 (0-35.8)	0 (0-0)	1.3 (-3.1-34.5)	0 (0-0)	1.4 (-7-39.3)	0 (0-0)	-6.6 (-16-33.5)	0 (0-0)	7.2 (-8-61.5)	0 (0-0)	-18 (-24.3-11.1)
Yogyakarta	0 (0-0)	3.9 (0-69.2)	0 (0-0)	3.3 (-2.1-68.5)	0 (0-0)	3.8 (-4-70.9)	0 (0-0)	-4.6 (-13.5-65.2)	0 (0-0)	21.1 (3.3-126)	0 (0-0)	-15.7 (-22.4-40.6)
Lao People's Democratic Republic	0 (0-0.1)	0.4 (0-0)	0 (0-0)	0.1 (-4.4-3.6)	0 (0-0)	0.1 (-9.2-9.2)	0 (0-0)	-9.5 (-19.3-0.7)	0 (0-0)	6.3 (-10.2-28.6)	0 (0-0)	-20.5 (-26.6--15.2)
Malaysia	0 (0-0)	0.3 (0-0.1)	0 (0-0)	0.9 (-1-3)	0 (0-0)	0.1 (-3.7-4.5)	0 (0-0)	-3.7 (-9.1-2.8)	0 (0-0)	-14.2 (-22.3--3.8)	0 (0-0)	-16.5 (-20.3--12.6)
Maldives	0 (0-0)	3.5 (0-381)	0 (0-0)	3.7 (-2.9-367)	0 (0-0)	4 (-6.3-354)	0 (0-0)	-18.3 (-30.1-304)	0 (0-0)	30.2 (9-452)	0 (0-0)	-26.7 (-35.4-236)
Mauritius	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.4 (-1.8-1.9)	0 (0-0)	-0.7 (-4.6-3.1)	0 (0-0)	-2.7 (-8.1-3.1)	0 (0-0)	-14.3 (-22.1--4.1)	0 (0-0)	-25.6 (-29.1--22.4)
Myanmar	0 (0-0.1)	0 (0-0)	0 (0-0)	-0.5 (-4.3-4.1)	0 (0-0)	-0.5 (-9-10.5)	0 (0-0)	-6.7 (-16.2-5.2)	0 (0-0)	6.1 (-12.3-27.2)	0 (0-0)	-18.7 (-24.9--11.8)
Philippines	0 (0-0.1)	0 (-4.6-2.9)	0 (0-0)	0.2 (-3.7-3.3)	0 (0-0)	0.2 (-2.1-4.2)	0 (0-0)	-3.2 (-6.1-1.1)	0 (0-0)	-0.8 (-4-2.3)	0 (0-0)	-12.5 (-15.7--10.2)
Abra	0 (0-0)	3.1 (0-62.8)	0 (0-0)	2.5 (-2.9-62.3)	0 (0-0)	2.7 (-4.9-61.7)	0 (0-0)	-2.4 (-10.9-42.1)	0 (0-0)	-1.8 (-14.7-30.8)	0 (0-0)	-11.8 (-18.3-33.8)
Agusan Del Norte	0 (0-0.1)	-0.1 (0-0)	0 (0-0)	0 (-3.9-3.5)	0 (0-0)	0.6 (-7.7-8.8)	0 (0-0)	-2.7 (-13.1-7.7)	0 (0-0)	-2.4 (-17.3-15.1)	0 (0-0)	-12.6 (-18.8--6.9)
Agusan Del Sur	0 (0-0.1)	0.2 (0-14.3)	0 (0-0)	-0.6 (-5.5-11.4)	0 (0-0)	0.8 (-9.2-16.2)	0 (0-0)	-3.5 (-14.2-13.8)	0 (0-0)	-1.9 (-19.3-36)	0 (0-0)	-14 (-21.1--2.6)
Aklan	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (-2.1-2.2)	0 (0-0)	0.4 (-4.2-6.1)	0 (0-0)	-5.4 (-12.3-1.8)	0 (0-0)	-2.6 (-14.4-8.6)	0 (0-0)	-11.3 (-15.2--6.8)
Albay	0 (0-0.1)	-0.3 (0-0)	0 (0-0)	0 (-2-2.8)	0 (0-0)	-0.1 (-6.9-6)	0 (0-0)	-2.4 (-10.6-5.4)	0 (0-0)	-4.1 (-18.2-8.8)	0 (0-0)	-13.2 (-17.8--8.8)
Antique	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (-2.4-2.5)	0 (0-0)	0.9 (-4.8-7.1)	0 (0-0)	-2.7 (-9.8-6)	0 (0-0)	-0.5 (-13.9-15.1)	0 (0-0)	-10.9 (-15.4--6.2)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Apayao	0 (0-0.1)	0.1 (0-0)	0 (0-0)	-1.1 (-5.3-4.2)	0 (0-0)	0.1 (-9.2-17.7)	0 (0-0)	-5.9 (-16.6-12)	0 (0-0)	-1.2 (-18.7-49.1)	0 (0-0)	-18.4 (-24.8--10.1)
Aurora	0 (0-0.1)	1.5 (-20.4-2.9)	0 (0-0)	1.3 (-19.6-8.9)	0 (0-0)	2 (-17.1-21.4)	0 (0-0)	-1.9 (-15.5-47.9)	0 (0-0)	-3.5 (-18.5-66.8)	0 (0-0)	-13.4 (-27.8-1.7)
Basilan	0 (0-0.1)	0 (0-0)	0 (0-0)	-0.1 (-2.6-2.1)	0 (0-0)	-0.2 (-5.7-5.1)	0 (0-0)	-1.5 (-8.3-5.3)	0 (0-0)	2.5 (-10-16.3)	0 (0-0)	-8.6 (-13--4.1)
Bataan	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (-1.6-2)	0 (0-0)	0.1 (-5.5-4.6)	0 (0-0)	-4.9 (-11.4-2.2)	0 (0-0)	-9.4 (-22.7-2.2)	0 (0-0)	-15.1 (-18.9--11.5)
Batanes	0 (0-0.1)	-0.6 (0-0)	0 (0-0)	-1 (-3.1-1.8)	0 (0-0)	-0.3 (-5.7-6.2)	0 (0-0)	-10.3 (-16.7--2.9)	0 (0-0)	9 (-2.4-23.4)	0 (0-0)	-17.9 (-22.2--13.1)
Batangas	0 (0-0)	0.3 (0-0)	0 (0-0)	0.7 (-1.3-2.7)	0 (0-0)	0.7 (-4.1-5.9)	0 (0-0)	-4.4 (-11.6-3.1)	0 (0-0)	0.4 (-12.5-14.7)	0 (0-0)	-11.5 (-15.6--7)
Benguet	0 (0-0)	-2.4 (0-0)	0 (0-0)	-2.2 (-1.7-1.9)	0 (0-0)	-2.1 (-5.6-5.1)	0 (0-0)	-4.9 (-15.3-5)	0 (0-0)	-8.8 (-25.8-5.6)	0 (0-0)	-13.4 (-17.5--7)
Biliran	0 (0-0.1)	-0.6 (0-0)	0 (0-0)	-0.6 (-2.1-1.6)	0 (0-0)	0.1 (-5.1-5.5)	0 (0-0)	-3.4 (-11.6-4.3)	0 (0-0)	-5.7 (-19-8.7)	0 (0-0)	-12.1 (-16.4--7.8)
Bohol	0 (0-0.1)	0.6 (0-0)	0 (0-0)	-0.2 (-3-2.2)	0 (0-0)	0.2 (-5.6-5.9)	0 (0-0)	-4.1 (-11.5-3.3)	0 (0-0)	3.9 (-8.1-18.4)	0 (0-0)	-15.5 (-20.2--11.3)
Bukidnon	0 (0-0.1)	-1.3 (-13.3-0)	0 (0-0)	-2.4 (-14.5-2.5)	0 (0-0)	-1.7 (-15.5-7.6)	0 (0-0)	-6.2 (-21.5-6.3)	0 (0-0)	-6.8 (-32.9-12.1)	0 (0-0)	-17.6 (-29.1--10.5)
Bulacan	0 (0-0.1)	0 (0-0)	0 (0-0)	0.2 (-2.4-2.3)	0 (0-0)	-0.3 (-5.8-4.7)	0 (0-0)	-2.8 (-9.3-4.3)	0 (0-0)	-5.7 (-17.1-5.7)	0 (0-0)	-14.5 (-18.6--10.5)
Cagayan	0 (0-0.1)	2.4 (0-36.1)	0 (0-0)	2.4 (-2.6-36.1)	0 (0-0)	1.9 (-6.8-37.3)	0 (0-0)	-3.8 (-13-26.4)	0 (0-0)	1 (-11.9-36.7)	0 (0-0)	-14.3 (-20.8-13.4)
Camarines Norte	0 (0-0.1)	-0.1 (0-0)	0 (0-0)	-0.4 (-2.7-2.2)	0 (0-0)	-0.5 (-6.6-5.3)	0 (0-0)	-2.1 (-10.4-5.8)	0 (0-0)	-3.2 (-15.5-9.3)	0 (0-0)	-12.5 (-16.9--8.3)
Camarines Sur	0 (0-0.1)	2.4 (0-32.5)	0 (0-0)	2.3 (-3.6-35.4)	0 (0-0)	2.1 (-8.4-35)	0 (0-0)	1.1 (-11.3-35.1)	0 (0-0)	-0.5 (-17.7-53)	0 (0-0)	-9 (-17.4-19.7)
Camiguin	0 (0-0)	-0.7 (0-0)	0 (0-0)	-0.7 (-2.7-1.9)	0 (0-0)	-0.5 (-6.2-4.5)	0 (0-0)	-3.7 (-10.2-3.7)	0 (0-0)	-2.6 (-14.4-11)	0 (0-0)	-11.3 (-15.1--7.4)
Capiz	0 (0-0.1)	0.7 (0-0)	0 (0-0)	0.9 (-2.3-3.9)	0 (0-0)	1.9 (-4.6-9.2)	0 (0-0)	-3.4 (-11.5-6.7)	0 (0-0)	-7 (-19.6-13.2)	0 (0-0)	-14.2 (-19.5--9)
Catanduanes	0 (0-0.1)	0 (0-0)	0 (0-0)	-1 (-4.4-1.8)	0 (0-0)	0 (-8.9-7.8)	0 (0-0)	-4.3 (-14.2-5.6)	0 (0-0)	6.6 (-7.5-21.3)	0 (0-0)	-13.4 (-19.2--8.5)
Cavite	0 (0-0)	2.4 (0-0)	0 (0-0)	2.6 (-1.4-2.7)	0 (0-0)	2.2 (-4.8-7)	0 (0-0)	-0.7 (-10.4-6.3)	0 (0-0)	-0.4 (-15.2-11.4)	0 (0-0)	-11.2 (-17.4--7.8)
Cebu	0 (0-0.1)	0.1 (0-0)	0 (0-0)	0.1 (-2.1-2.9)	0 (0-0)	0.2 (-5.7-7.3)	0 (0-0)	-3.6 (-11.2-7)	0 (0-0)	0.1 (-13.7-21)	0 (0-0)	-8.7 (-13.4--3.1)
Cotabato (North Cotabato)	0 (0-0.1)	-1.1 (0-0)	0 (0-0)	-1.2 (-3.9-2.5)	0 (0-0)	-1.3 (-10.6-5.4)	0 (0-0)	-6.2 (-21-2.2)	0 (0-0)	-2.9 (-28.7-10.6)	0 (0-0)	-12.3 (-19.9--7.2)
Davao de Oro	0 (0-0.1)	-2.1 (-32.7-0)	0 (0-0)	-3 (-32.1-1.6)	0 (0-0)	-2.4 (-29.7-5.6)	0 (0-0)	-5.7 (-35.1-4.7)	0 (0-0)	-3.5 (-36.9-12.5)	0 (0-0)	-15.9 (-40.9--9.7)
Davao Del Norte	0 (0-0.1)	0 (0-0)	0 (0-0)	-0.7 (-2.5-1.5)	0 (0-0)	0.1 (-5.1-5.5)	0 (0-0)	-5.9 (-12.4-0.7)	0 (0-0)	-7.1 (-18.8-4.8)	0 (0-0)	-16.6 (-20.7--12.7)
Davao Del Sur	0 (0-0.1)	-1 (0-0)	0 (0-0)	-1 (-2.6-2.1)	0 (0-0)	-0.3 (-6.9-7.6)	0 (0-0)	-5.9 (-14-4.2)	0 (0-0)	-12.8 (-26.3-4)	0 (0-0)	-14.6 (-19.4--9.2)
Davao Occidental	0 (0-0.1)	0 (0-0)	0 (0-0)	-1 (-3.7-1.9)	0 (0-0)	-1.6 (-8.1-4.8)	0 (0-0)	4.2 (-5.2-13.5)	0 (0-0)	23 (6.3-42.9)	0 (0-0)	-7.6 (-13.6--2.1)
Davao Oriental	0 (0-0.1)	0 (0-0)	0 (0-0)	-0.3 (-3.3-2.6)	0 (0-0)	0.2 (-7.3-8)	0 (0-0)	-2.7 (-11.3-6.4)	0 (0-0)	3.7 (-9-19.2)	0 (0-0)	-17 (-22.2--12)
Dinagat Islands	0 (0-0.1)	-0.3 (0-0)	0 (0-0)	-1.4 (-4.9-2.9)	0 (0-0)	-0.9 (-7.9-8.8)	0 (0-0)	-4 (-14.3-7.4)	0 (0-0)	-14.3 (-29.2--1.1)	0 (0-0)	-16.9 (-22.5--10.3)
Eastern Samar	0 (0-0.1)	-1.1 (0-0)	0 (0-0)	-1.3 (-4.6-3.7)	0 (0-0)	-1.7 (-10-8.3)	0 (0-0)	-2.6 (-15.2-8.3)	0 (0-0)	5.3 (-19.1-22.7)	0 (0-0)	-14.1 (-19.6--7.2)
Guimaras	0 (0-0)	0.8 (0-0)	0 (0-0)	0.6 (-2.4-2.5)	0 (0-0)	1.3 (-4.5-7.9)	0 (0-0)	-7 (-14.6-1.9)	0 (0-0)	-1.6 (-12.2-10.8)	0 (0-0)	-14.1 (-18.6--9.2)
Ifugao	0 (0-0.1)	0.3 (0-0)	0 (0-0)	0.1 (-2.7-2.7)	0 (0-0)	0.3 (-6.3-6.1)	0 (0-0)	-7.4 (-15.4--0.3)	0 (0-0)	1 (-11-12.5)	0 (0-0)	-11.8 (-16.7--7.6)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Ilocos Norte	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (-2.2-2.1)	0 (0-0)	0.4 (-4.9-6)	0 (0-0)	-6.1 (-13-0.4)	0 (0-0)	1.1 (-9.5-13.9)	0 (0-0)	-12.5 (-16.5--8.3)
Ilocos Sur	0 (0-0.1)	0 (0-0)	0 (0-0)	-0.1 (-2.3-2.1)	0 (0-0)	0 (-5.2-6.3)	0 (0-0)	-6.2 (-12.7-2.5)	0 (0-0)	1.6 (-10.7-16.7)	0 (0-0)	-13 (-16.8--8.3)
Iloilo	0 (0-0.1)	0 (0-0)	0 (0-0)	0.1 (-2.4-2.1)	0 (0-0)	0.7 (-4.1-6.4)	0 (0-0)	-5.4 (-12-1.3)	0 (0-0)	-1.7 (-16.7-10.3)	0 (0-0)	-11.1 (-15--7)
Isabela	0 (0-0.1)	-0.5 (0-0)	0 (0-0)	-0.4 (-2.7-2.5)	0 (0-0)	0 (-8.2-6.7)	0 (0-0)	-6.6 (-16.3-2)	0 (0-0)	-4.6 (-25.7-10.5)	0 (0-0)	-14.2 (-20--9.1)
Kalinga	0 (0-0.1)	0 (0-0)	0 (0-0)	-0.7 (-2.9-0.9)	0 (0-0)	0.6 (-4.8-5.6)	0 (0-0)	-5 (-10.9-1.9)	0 (0-0)	2 (-7.5-12.5)	0 (0-0)	-13.2 (-17.1--9.7)
La Union	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (-2.1-2.4)	0 (0-0)	0.1 (-5-6.7)	0 (0-0)	-6.6 (-13.2-0.4)	0 (0-0)	-3.6 (-15.2-7.4)	0 (0-0)	-15.3 (-19.2--10.8)
Laguna	0 (0-0.1)	0.3 (0-0)	0 (0-0)	0.3 (-1.5-1.8)	0 (0-0)	0.5 (-3.9-4.6)	0 (0-0)	-4.9 (-11-2.4)	0 (0-0)	-3.9 (-15-11.4)	0 (0-0)	-11.8 (-15.3--8.3)
Lanao Del Norte	0 (0-0.1)	0.6 (0-0)	0 (0-0)	0.1 (-2.8-2.7)	0 (0-0)	0.6 (-4.8-7)	0 (0-0)	-1.5 (-8.8-7)	0 (0-0)	-2.5 (-13.3-13.2)	0 (0-0)	-8.3 (-12.8--3.1)
Lanao Del Sur	0 (0-0.1)	-1 (-32.6-0)	0 (0-0)	-1.7 (-30.8-2.6)	0 (0-0)	-1.3 (-29.2-8.9)	0 (0-0)	-8.8 (-38.6-2.9)	0 (0-0)	11.4 (-31.8-32)	0 (0-0)	-9.1 (-36.5--2.1)
Leyte	0 (0-0.1)	0 (0-0)	0 (0-0)	0.2 (-2.5-3.2)	0 (0-0)	0.2 (-6.2-7.5)	0 (0-0)	-2.4 (-10.4-6.5)	0 (0-0)	-4.3 (-17.2-12.1)	0 (0-0)	-13.5 (-18.1--8.4)
Maguindanao	0 (0-0.1)	2.3 (0-48.3)	0 (0-0)	1.3 (-4-47.8)	0 (0-0)	2.6 (-7.4-56.3)	0 (0-0)	-2.3 (-12.4-61.1)	0 (0-0)	2.2 (-11.9-95.9)	0 (0-0)	-6.8 (-14.2-41.7)
Marinduque	0 (0-0.1)	-1 (0-0)	0 (0-0)	-1.4 (-3.5-2.4)	0 (0-0)	-1.3 (-7.1-5.7)	0 (0-0)	-4.5 (-13.7-4.2)	0 (0-0)	-10.1 (-24.6-2.8)	0 (0-0)	-18.1 (-22.9--13)
Masbate	0 (0-0.1)	-1.4 (-32.6-0)	0 (0-0)	-1.7 (-32-3.9)	0 (0-0)	-1.4 (-31.4-8.6)	0 (0-0)	0.6 (-31.9-13.2)	0 (0-0)	-0.8 (-43.7-15.9)	0 (0-0)	-9.8 (-38.2--1.9)
Misamis Occidental	0 (0-0.1)	-2 (-47.9-0)	0 (0-0)	-1.9 (-47.5-3)	0 (0-0)	-1.4 (-46.8-8.1)	0 (0-0)	-3.8 (-45.8-6.5)	0 (0-0)	-1.5 (-36.1-18.2)	0 (0-0)	-13 (-52.8--6.4)
Misamis Oriental	0 (0-0.1)	-0.1 (0-22.2)	0 (0-0)	0.2 (-4-20.1)	0 (0-0)	0.8 (-11-17.6)	0 (0-0)	-3.5 (-22-19.7)	0 (0-0)	-2.6 (-30-26.9)	0 (0-0)	-10.4 (-20.3-6.4)
Mountain Province	0 (0-0.1)	0.6 (0-31.3)	0 (0-0)	0.1 (-3.5-29.3)	0 (0-0)	1.8 (-5.6-31.5)	0 (0-0)	-3.3 (-11.7-19.5)	0 (0-0)	8.4 (-8-29.4)	0 (0-0)	-10.9 (-16.5-13.8)
National Capital Region	0 (0-0.1)	0.6 (0-0)	0 (0-0)	0.5 (-2.1-2.7)	0 (0-0)	-0.5 (-5.9-7.2)	0 (0-0)	-4.3 (-11-5.1)	0 (0-0)	-7.4 (-18.8-8.1)	0 (0-0)	-15.1 (-19.8--9.7)
Negros Occidental	0 (0-0.1)	0.3 (0-0)	0 (0-0)	0.4 (-2-3)	0 (0-0)	0.5 (-4.8-7.2)	0 (0-0)	-3.5 (-10.3-4.7)	0 (0-0)	-3.3 (-14.7-11.3)	0 (0-0)	-13.7 (-17.7--9.1)
Negros Oriental	0 (0-0.1)	1.1 (0-22.2)	0 (0-0)	0.9 (-3.2-22.9)	0 (0-0)	1 (-6-27.1)	0 (0-0)	-2.5 (-11.2-26.9)	0 (0-0)	-0.9 (-16.1-40.6)	0 (0-0)	-13.7 (-19.4-9.6)
Northern Samar	0 (0-0.1)	-0.1 (-32.6-0.4)	0 (0-0)	-0.1 (-32.9-6.7)	0 (0-0)	-0.6 (-33.8-12.9)	0 (0-0)	0.3 (-36.7-17.9)	0 (0-0)	-0.9 (-50.8-25)	0 (0-0)	-12.5 (-42.4--2.5)
Nueva Ecija	0 (0-0.1)	0.6 (0-0)	0 (0-0)	0.7 (-2.1-3.8)	0 (0-0)	0.6 (-5.3-7.6)	0 (0-0)	-3.2 (-10.4-11.2)	0 (0-0)	2.5 (-9.3-36.8)	0 (0-0)	-11.7 (-16.4--5.5)
Nueva Vizcaya	0 (0-0.1)	0 (0-0)	0 (0-0)	-0.2 (-2.5-2.2)	0 (0-0)	0.2 (-4.6-6.2)	0 (0-0)	-5.2 (-11.3-2.5)	0 (0-0)	-8.3 (-17.9-2.8)	0 (0-0)	-13.7 (-17.4--9.2)
Occidental Mindoro	0 (0-0.1)	2.4 (0-36.1)	0 (0-0)	1.3 (-3.6-35.4)	0 (0-0)	1.8 (-7.4-34.2)	0 (0-0)	-3.7 (-14.2-22.6)	0 (0-0)	-4.8 (-19.3-17.7)	0 (0-0)	-12.8 (-19.8-15.3)
Oriental Mindoro	0 (0-0.1)	0.3 (0-0)	0 (0-0)	0.1 (-3.9-3.9)	0 (0-0)	0.7 (-7.8-10.5)	0 (0-0)	-3.8 (-14.6-5.9)	0 (0-0)	-5.7 (-20-14.4)	0 (0-0)	-15.9 (-22.3--9.9)
Palawan	0 (0-0.1)	0.4 (0-0)	0 (0-0)	0.2 (-3.2-3)	0 (0-0)	0.5 (-6.7-7.6)	0 (0-0)	-1.8 (-10.2-6.4)	0 (0-0)	-8.5 (-18.4-4.1)	0 (0-0)	-12.4 (-17.4--7.8)
Pampanga	0 (0-0.1)	2 (0-1)	0 (0-0)	2.3 (-1.8-5.6)	0 (0-0)	2.1 (-5.4-11.4)	0 (0-0)	-1.6 (-10.4-9.4)	0 (0-0)	0.4 (-13.6-20.1)	0 (0-0)	-11.3 (-17.4--4.6)
Pangasinan	0 (0-0.1)	0 (0-0)	0 (0-0)	0.1 (-1.7-2.2)	0 (0-0)	0.4 (-4.4-5.8)	0 (0-0)	-5.2 (-12.1-2)	0 (0-0)	-5.5 (-16.5-6.3)	0 (0-0)	-12.4 (-16--8.5)
Quezon	0 (0-0.1)	-0.4 (0-0)	0 (0-0)	-0.4 (-2.8-2.4)	0 (0-0)	-0.6 (-6.9-5.7)	0 (0-0)	-3.3 (-11.1-4.8)	0 (0-0)	-1.9 (-14.1-13.8)	0 (0-0)	-13.6 (-18--8.9)
Quirino	0 (0-0.1)	-1 (-13.3-0)	0 (0-0)	-1.9 (-13-2.5)	0 (0-0)	-1.1 (-12.9-7.6)	0 (0-0)	-8.4 (-20.9-1.9)	0 (0-0)	-6.9 (-22-5.1)	0 (0-0)	-19 (-29.1--12.2)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Rizal	0 (0-0.1)	-0.3 (0-0)	0 (0-0)	0.1 (-1.8-2.3)	0 (0-0)	-0.6 (-5.2-5.7)	0 (0-0)	-0.9 (-7-6.4)	0 (0-0)	-10.6 (-20.2--0.2)	0 (0-0)	-10.7 (-14.4--6.8)
Romblon	0 (0-0.1)	-0.3 (0-0)	0 (0-0)	-0.8 (-4.1-3.1)	0 (0-0)	0.1 (-8.1-9.3)	0 (0-0)	-3 (-14.3-7.9)	0 (0-0)	-5.8 (-22.5-14)	0 (0-0)	-15.1 (-20.9--8.9)
Samar (Western Samar)	0 (0-0.1)	0 (0-0)	0 (0-0)	0.6 (-3.5-4.5)	0 (0-0)	-0.2 (-9.8-9.8)	0 (0-0)	0.9 (-9.8-13.7)	0 (0-0)	3.2 (-11.8-23.4)	0 (0-0)	-14.2 (-20.3--7.7)
Sarangani	0 (0-0.1)	-0.6 (0-0)	0 (0-0)	-0.4 (-2.7-2)	0 (0-0)	-1.1 (-6.2-4.5)	0 (0-0)	-5 (-13.1-2.4)	0 (0-0)	-2.5 (-13.8-10.5)	0 (0-0)	-14.1 (-18.8--9.8)
Siquijor	0 (0-0.1)	0 (0-0)	0 (0-0)	-0.5 (-2.7-1.6)	0 (0-0)	0.8 (-4.4-6.7)	0 (0-0)	-4.5 (-11-4.6)	0 (0-0)	3.1 (-7.5-20)	0 (0-0)	-12.7 (-17--7.9)
Sorsogon	0 (0-0.1)	0.9 (0-31.3)	0 (0-0)	1 (-2-27.5)	0 (0-0)	0.2 (-6.5-23.9)	0 (0-0)	0.3 (-7.5-21.1)	0 (0-0)	2.2 (-12.1-15.9)	0 (0-0)	-11.9 (-17.1-8.9)
South Cotabato	0 (0-0.1)	-1.1 (0-0)	0 (0-0)	-1 (-4.9-3.2)	0 (0-0)	-1 (-10.9-8.5)	0 (0-0)	-6.4 (-22.6-3.5)	0 (0-0)	-1.6 (-26.4-15.1)	0 (0-0)	-14.8 (-21.2--8.2)
Southern Leyte	0 (0-0.1)	-1.7 (0-0)	0 (0-0)	-1.8 (-4.3-2.8)	0 (0-0)	-1.9 (-7.4-6.1)	0 (0-0)	-5 (-14.8-4.8)	0 (0-0)	1.7 (-19.7-17.3)	0 (0-0)	-15 (-19.3--9.2)
Sultan Kudarat	0 (0-0.1)	0 (0-0)	0 (0-0)	-1 (-3.4-0.9)	0 (0-0)	-0.3 (-5.9-5.2)	0 (0-0)	-4.7 (-11.1-2.9)	0 (0-0)	-3.7 (-13.9-8.1)	0 (0-0)	-13.6 (-18.1--9.5)
Sulu	0 (0-0.1)	0 (0-0)	0 (0-0)	-2.2 (-6.5-0.9)	0 (0-0)	-1.9 (-12.1-7.1)	0 (0-0)	-4.7 (-15.6-6.4)	0 (0-0)	-2.5 (-18.6-18.6)	0 (0-0)	-8.8 (-16.6--2.5)
Surigao Del Norte	0 (0-0.1)	-1.2 (-51.9-0)	0 (0-0)	-0.8 (-50.9-3.5)	0 (0-0)	-0.5 (-47.8-12.1)	0 (0-0)	-5.7 (-48.4-7.3)	0 (0-0)	-5.6 (-36.6-21.6)	0 (0-0)	-13.3 (-55--4.8)
Surigao Del Sur	0 (0-0.1)	1.7 (0-48.3)	0 (0-0)	2.1 (-3-49)	0 (0-0)	1.7 (-8-50.6)	0 (0-0)	-3 (-14.4-48.7)	0 (0-0)	-3.1 (-18.5-75.5)	0 (0-0)	-13.5 (-20.8-27.7)
Tarlac	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (-2.4-2.3)	0 (0-0)	0.1 (-5.1-5.1)	0 (0-0)	-4.5 (-11-2.2)	0 (0-0)	-4.5 (-17.1-7.1)	0 (0-0)	-14.4 (-18.7--10.3)
Tawi-Tawi	0 (0-0)	2.4 (0-0)	0 (0-0)	1.9 (-2.7-2.2)	0 (0-0)	2.2 (-5.7-8.7)	0 (0-0)	-0.2 (-9.1-7.8)	0 (0-0)	-7.2 (-21-16.1)	0 (0-0)	-6.6 (-13.3--1.5)
Zambales	0 (0-0.1)	-0.8 (-23.8-0)	0 (0-0)	-0.6 (-22.6-3.2)	0 (0-0)	-0.9 (-20.7-7.3)	0 (0-0)	-4.2 (-19.7-5.3)	0 (0-0)	-13.2 (-25.8--1.2)	0 (0-0)	-12.4 (-29.8--6.1)
Zamboanga Del Norte	0 (0-0.1)	1 (0-0)	0 (0-0)	0.6 (-2.8-3.5)	0 (0-0)	0.7 (-5.3-8.7)	0 (0-0)	-1.8 (-9.8-7.9)	0 (0-0)	-7 (-19.1-7.9)	0 (0-0)	-11.7 (-17.1--6.6)
Zamboanga Del Sur	0 (0-0.1)	-0.6 (0-0)	0 (0-0)	-0.5 (-2.8-2.1)	0 (0-0)	-0.7 (-6.6-5.1)	0 (0-0)	-2.9 (-11.4-5.8)	0 (0-0)	-5.1 (-23.8-8.2)	0 (0-0)	-13 (-17.7--8.2)
Zamboanga Sibugay	0 (0-0.1)	0.5 (0-0.5)	0 (0-0)	0.2 (-3-4)	0 (0-0)	0.4 (-6.7-12.2)	0 (0-0)	-2.3 (-10.1-13)	0 (0-0)	-3.8 (-13.8-12.3)	0 (0-0)	-11.6 (-16.9--3.8)
Seychelles	0 (0-0)	-0.1 (0-0)	0 (0-0)	-0.3 (-1.9-1.3)	0 (0-0)	-0.1 (-3.5-3)	0 (0-0)	-10.8 (-16.3--6.1)	0 (0-0)	20.9 (9.8-32.1)	0 (0-0)	-19.4 (-22.8--16.4)
Sri Lanka	0 (0-0)	0.4 (0-0.3)	0 (0-0)	0.2 (-2-1.5)	0 (0-0)	0.2 (-4.4-4)	0 (0-0)	-4.1 (-10.5-2.4)	0 (0-0)	-16.8 (-24.7--7.9)	0 (0-0)	-15.3 (-19.7--11.7)
Thailand	0 (0-0)	-0.1 (-0.1-0)	0 (0-0)	-0.2 (-2.1-1.4)	0 (0-0)	-0.6 (-5.2-3)	0 (0-0)	-8.9 (-15.3--3.3)	0 (0-0)	-7 (-17.9-5.4)	0 (0-0)	-31.6 (-35.5--28.2)
Timor-Leste	0 (0-0.1)	0.4 (0-0)	0 (0-0)	-0.4 (-4.7-3.6)	0 (0-0)	-0.7 (-8.6-9.3)	0 (0-0)	7.1 (-3.4-19.1)	0 (0-0)	-17.4 (-28.1--4.6)	0 (0-0)	-11.1 (-17.1--4.4)
Viet Nam	0 (0-0)	0 (0-0.7)	0 (0-0)	-0.3 (-2.8-2.5)	0 (0-0)	0.5 (-4.7-5.8)	0 (0-0)	-11.6 (-17.6--5.4)	0 (0-0)	21.8 (10.5-36.2)	0 (0-0)	-23.3 (-27--19)
Sub-Saharan Africa	264 (199-345)	-14.1 (-18--10.5)	241 (182-313)	-14.3 (-18.5--10.5)	192 (145-247)	-13.6 (-18.3--9.4)	55.9 (41.2-73.1)	-16.6 (-20.8--12.8)	0.1 (0.1-0.2)	15.6 (3.6-26.8)	114 (87.4-147)	-18.7 (-23.1--15.1)
Central Sub-Saharan Africa	72 (50.9-100)	-2.4 (-10.5-6.2)	61 (43.2-84.1)	-3.8 (-11.5-5)	43.5 (30.3-58.2)	-3 (-10.3-5.8)	12.2 (8.5-16.5)	0.7 (-6.6-9.8)	0 (0-0)	11.9 (-7.9-37.3)	27.1 (19.4-36.2)	-8.9 (-15.8--1)
Angola	26.1 (18.4-35.5)	-6.6 (-14.4-1.6)	21.8 (15.5-29.4)	-7.7 (-15.2-0.4)	15 (10.5-19.9)	-7.2 (-14.7-1.7)	4 (2.7-5.4)	-7.1 (-14.9-2.1)	0 (0-0)	-3.1 (-31.7-38.9)	9.8 (7-13)	-10.2 (-17.4--2.1)
Central African Republic	8 (5.6-11.2)	-0.2 (-8.2-7.6)	6.7 (4.7-9.4)	-0.9 (-8.6-6.3)	4.4 (3.1-6)	-1.5 (-9.8-6.6)	1.1 (0.7-1.5)	-0.3 (-8.5-8.2)	0 (0-0)	7.2 (-34.4-69.4)	2.7 (2-3.7)	-6.4 (-13.7-0.8)
Congo	72.6 (50.1-101)	-9.9 (-18.6--1.4)	63 (43.9-86.3)	-10.7 (-18.9--1.9)	46.3 (31.9-62.8)	-10.1 (-18.4--0.9)	10.5 (7.2-14.4)	-23.9 (-31.7--15.8)	0 (0-0)	9.6 (-18-43)	24.6 (17.2-33)	-20.9 (-28.1--12.9)
Democratic Republic of the Congo	82.2 (57.4-115)	4.4 (-6-16.3)	69 (48.5-96.1)	3.4 (-6.7-15.6)	47.9 (33.2-64.7)	3.5 (-6.8-16.2)	12.8 (8.7-17.5)	1.6 (-8.7-13.6)	0 (0-0)	15.5 (-11.7-51.8)	29.6 (20.8-39.6)	-5 (-14.1-6.1)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Equatorial Guinea	768 (546-1,050)	-2.3 (-13-10.4)	658 (475-887)	-3.2 (-13.6-9.6)	470 (331-633)	-3 (-14.3-9.9)	136 (98.5-183)	-4.3 (-15-7.8)	0.1 (0.1-0.2)	14.8 (-7.7-45.8)	276 (198-369)	-18.6 (-27.7--7.7)
Gabon	250 (178-348)	-6.8 (-16.3-4.2)	220 (156-301)	-7 (-16.5-3.5)	167 (119-225)	-7.4 (-16.6-3.3)	40.7 (29.1-55.6)	-14.9 (-23.5--5.2)	0.1 (0-0.1)	17 (-10.5-51)	81.7 (59.3-110)	-22.3 (-29.8--13.4)
Eastern Sub-Saharan Africa	2.1 (1.5-2.9)	-0.1 (-3-3.2)	1.8 (1.3-2.4)	-0.1 (-3-3)	1.2 (0.9-1.6)	1 (-1.9-3.9)	0.3 (0.2-0.4)	-3.7 (-6.5--0.9)	0 (0-0)	8.5 (-6.5-25.3)	0.7 (0.5-1)	-8.2 (-10.8--5.3)
Burundi	2 (1.4-2.8)	-0.5 (-10.5-7.8)	1.7 (1.2-2.4)	-0.8 (-10.9-6.8)	1.1 (0.7-1.6)	-0.3 (-9.5-7.7)	0.3 (0.2-0.4)	-6.1 (-16-1.7)	0 (0-0)	-0.9 (-39.6-61.4)	0.7 (0.5-1)	-5 (-13.8-2.1)
Comoros	1.2 (0.8-1.6)	-0.9 (-13.2-6.5)	1 (0.7-1.4)	-1.2 (-13.1-6.3)	0.7 (0.5-1)	-1.5 (-12.9-8.2)	0.2 (0.1-0.2)	-13 (-23.7--4.4)	0 (0-0)	6.8 (-29.8-47.5)	0.4 (0.3-0.5)	-22 (-31.4--14.9)
Djibouti	0.7 (0.5-1.1)	-0.9 (-19.3-0)	0.6 (0.4-0.9)	-1.8 (-20.2-0.7)	0.5 (0.3-0.7)	-0.6 (-19.2-4.2)	0.1 (0.1-0.1)	-25.9 (-38.5--20)	0 (0-0)	-4.3 (-40.4-30.3)	0.2 (0.1-0.3)	-18.7 (-33.7--15.2)
Eritrea	0.9 (0.6-1.2)	-0.9 (-16.7-5.6)	0.7 (0.5-1.1)	-1.5 (-16.9-4.1)	0.5 (0.3-0.7)	-1.6 (-16.3-5.3)	0.1 (0.1-0.2)	-6.9 (-19.6-0.5)	0 (0-0)	-3 (-46.5-55.9)	0.3 (0.2-0.4)	-15.2 (-27.8--10)
Ethiopia	0.9 (0.6-1.2)	-1.3 (-10.6-0.9)	0.8 (0.5-1.1)	-1.8 (-10.2-0.5)	0.5 (0.3-0.7)	-1.5 (-9-2.2)	0.1 (0.1-0.2)	-7.6 (-14.3--3.4)	0 (0-0)	3.1 (-17.8-29.7)	0.3 (0.2-0.4)	-11.1 (-18.1--8.1)
Addis Ababa	0.8 (0.5-1.1)	-1.9 (-23.3-0)	0.7 (0.5-1)	-2.6 (-23-0.3)	0.5 (0.3-0.8)	-0.9 (-21.8-4.5)	0.1 (0.1-0.1)	-41.5 (-53.2--36.9)	0 (0-0)	-6.2 (-40.9-51.4)	0.2 (0.1-0.3)	-30.3 (-45.1--26.7)
Afar	0.9 (0.6-1.3)	-1.9 (-21.9-2.7)	0.8 (0.5-1.1)	-2.5 (-22.2-2.8)	0.5 (0.3-0.7)	-1.2 (-21.3-7.5)	0.1 (0.1-0.1)	-8.8 (-26.5-1.8)	0 (0-0)	8.5 (-47-133)	0.3 (0.2-0.4)	-6.9 (-25.1--0.7)
Amhara	0.8 (0.6-1.2)	-1.2 (-16.6-2.8)	0.7 (0.5-1)	-1.6 (-16.7-2.7)	0.5 (0.3-0.7)	-1.1 (-15.4-5)	0.1 (0.1-0.2)	-9.1 (-22.2--0.7)	0 (0-0)	3 (-27.6-66.2)	0.3 (0.2-0.4)	-15.3 (-27.7--11.2)
Benishangul-Gumuz	1 (0.6-1.4)	-1.8 (-20.8-3.4)	0.8 (0.5-1.2)	-2.5 (-21.7-3)	0.5 (0.3-0.7)	-1.9 (-20.3-6.7)	0.1 (0.1-0.1)	-10.4 (-25.9-0.1)	0 (0-0)	6.5 (-42.6-119)	0.3 (0.2-0.5)	-13 (-29.2--6.5)
Dire Dawa	0.8 (0.5-1.2)	-0.7 (-16.5-0.4)	0.7 (0.5-1)	-1.5 (-17.1-0.7)	0.5 (0.3-0.7)	-0.8 (-15.2-4.8)	0.1 (0.1-0.1)	-16.6 (-29.1--9.6)	0 (0-0)	2.4 (-39.8-71.8)	0.2 (0.2-0.3)	-17.4 (-29.5--13.5)
Gambella	0.9 (0.6-1.3)	-1.2 (-16.9-2.6)	0.8 (0.5-1.1)	-2 (-17.7-2.2)	0.5 (0.3-0.7)	-2.1 (-17.5-4.2)	0.1 (0.1-0.2)	-3.8 (-18.7-5.3)	0 (0-0)	33.9 (-21.7-127)	0.3 (0.2-0.4)	-18 (-30.9--13.2)
Harari	0.8 (0.5-1.2)	-0.8 (-18.8-0.4)	0.7 (0.5-1)	-1.7 (-19.3-1.4)	0.5 (0.3-0.7)	-1.4 (-19.1-7.2)	0.1 (0.1-0.1)	-12.7 (-26.8--5.5)	0 (0-0)	6.7 (-33-75.4)	0.2 (0.2-0.3)	-17.2 (-32--12)
Oromia	0.8 (0.6-1.2)	-1.9 (-20.6-0)	0.7 (0.5-1.1)	-2.4 (-20.6-0.9)	0.5 (0.3-0.7)	-2.1 (-19.2-4.4)	0.1 (0.1-0.2)	-3.6 (-20.4-4.5)	0 (0-0)	2.5 (-34.8-46.2)	0.3 (0.2-0.4)	-8.5 (-24.2--3.4)
Somali	0.8 (0.6-1.2)	-1.2 (-16.4-5.4)	0.7 (0.5-1)	-1.5 (-16.9-4.5)	0.5 (0.3-0.7)	-0.1 (-15.6-7.8)	0.1 (0.1-0.2)	-17.5 (-30.5--9.6)	0 (0-0)	5.9 (-38.4-69.4)	0.3 (0.2-0.5)	-6.9 (-21.4--0.4)
Southern Nations, Nationalities, and Peoples	0.9 (0.6-1.3)	-1.4 (-17.1-2.2)	0.8 (0.5-1.1)	-1.9 (-17.4-1.8)	0.5 (0.3-0.7)	-2 (-16.3-4.7)	0.1 (0.1-0.2)	-1.3 (-16.2-7.2)	0 (0-0)	3.2 (-35.7-57.7)	0.3 (0.2-0.5)	-11.2 (-25--6.3)
Tigray	0.8 (0.6-1.2)	-0.9 (-14.6-3)	0.7 (0.5-1)	-1.4 (-14.6-2.6)	0.5 (0.3-0.7)	-1.5 (-13.7-4.9)	0.1 (0.1-0.2)	-9.9 (-21.8--2.1)	0 (0-0)	5.3 (-36-65.8)	0.3 (0.2-0.4)	-16.2 (-26.6--12)
Kenya	1.9 (1.4-2.6)	-5.8 (-8--3.7)	1.7 (1.3-2.3)	-4.5 (-6.6--2.5)	1.2 (0.9-1.6)	-4.5 (-6.4--2.7)	0.3 (0.2-0.4)	-15.5 (-17.3--13.9)	0 (0-0)	-7.8 (-19.1-0.3)	0.6 (0.5-0.9)	-19.5 (-21.4--17.8)
Baringo	1.1 (0.8-1.6)	-0.3 (-10-9.4)	1 (0.7-1.4)	-0.7 (-10-9)	0.7 (0.5-1)	-1 (-11.1-8.8)	0.2 (0.1-0.3)	-7.7 (-17.5-1.6)	0 (0-0)	-2.1 (-35.1-35.2)	0.4 (0.3-0.6)	-15.5 (-24.1--7.4)
Bomet	1.2 (0.9-1.7)	-0.5 (-12-14)	1.1 (0.8-1.6)	-0.6 (-12.2-13.9)	0.9 (0.6-1.2)	-0.8 (-12.3-13.6)	0.2 (0.2-0.3)	-14.2 (-24.2--2.3)	0 (0-0)	8.6 (-31.6-68.8)	0.5 (0.4-0.7)	-19.2 (-28.2--7.4)
Bungoma	2.7 (1.8-3.8)	-0.9 (-7.9-10)	2.4 (1.6-3.4)	-1.3 (-7.8-9.6)	1.7 (1.2-2.3)	-1.1 (-7.7-8.3)	0.5 (0.3-0.7)	-5.1 (-12.4-4.6)	0 (0-0)	-7.4 (-42.1-41.4)	1 (0.7-1.5)	-11.4 (-17.1--3.1)
Busia	4.4 (3-6)	-1.1 (-9-8.2)	3.9 (2.7-5.4)	-1.4 (-9.3-7.9)	2.7 (1.8-3.7)	-1.4 (-8.2-6.9)	0.7 (0.4-1)	-9.2 (-16.3--1.2)	0 (0-0)	8.1 (-30.3-91.8)	1.6 (1.1-2.2)	-13.3 (-19.4--5.4)
Elgeyo-Marakwet	1.2 (0.8-1.6)	-0.6 (-8.6-8.9)	1.1 (0.8-1.5)	-1 (-9.2-8.4)	0.8 (0.6-1.1)	-1.6 (-10.1-6.9)	0.2 (0.1-0.3)	-11.6 (-19.3--3.8)	0 (0-0)	-19.6 (-44.8-25.1)	0.4 (0.3-0.6)	-20.5 (-27.1--13.3)
Embu	0.8 (0.6-1.2)	-1.1 (-18.2-8.3)	0.8 (0.5-1.1)	-1.4 (-18.7-7.9)	0.6 (0.4-0.8)	-1.3 (-18.5-7.6)	0.1 (0.1-0.2)	-20.9 (-33.5--13.3)	0 (0-0)	7.9 (-31-49.5)	0.3 (0.2-0.4)	-27.5 (-39.5--20.8)
Garissa	0.9 (0.6-1.3)	-1.2 (-18.5-1.7)	0.8 (0.5-1.2)	-1.3 (-19.6-2)	0.6 (0.4-0.8)	-1.3 (-19.7-4.5)	0.2 (0.1-0.3)	-4 (-19.7-2.9)	0 (0-0)	-4.7 (-40.1-37.9)	0.4 (0.3-0.6)	-6.9 (-23.7--2)
Homa Bay	6 (4.1-8.3)	-0.4 (-7.3-7.1)	5.3 (3.7-7.4)	-1 (-8.1-5.8)	3.5 (2.4-4.8)	-0.7 (-8.3-6.2)	0.8 (0.5-1.1)	-8.1 (-16--0.4)	0 (0-0)	7.4 (-41.1-118)	2.2 (1.5-3)	-10.2 (-16.9--4)
Isiolo	1 (0.6-1.4)	-1 (-19.4-2.1)	0.8 (0.5-1.2)	-1.4 (-19.1-1.6)	0.5 (0.4-0.8)	-1.2 (-18.9-5.1)	0.1 (0.1-0.2)	-11.5 (-22.8--4.1)	0 (0-0)	-2.4 (-35.7-48.1)	0.3 (0.2-0.4)	-16.3 (-30.6--12.1)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Kajiado	0.8 (0.6-1.2)	-0.6 (-18.2-10)	0.8 (0.5-1.1)	-0.9 (-17.8-9.7)	0.6 (0.4-0.8)	-1.1 (-17.7-9)	0.1 (0.1-0.2)	-20.5 (-32.8--13.2)	0 (0-0)	17.9 (-25.7-84)	0.3 (0.2-0.4)	-22.5 (-35.4--15.2)
Kakamega	2.6 (1.8-3.7)	-0.6 (-8.1-8.9)	2.4 (1.6-3.3)	-0.7 (-8-8.7)	1.6 (1.1-2.2)	-0.7 (-8.7-8.6)	0.4 (0.3-0.6)	-14.5 (-22.4--6.7)	0 (0-0)	11.9 (-28.2-76)	0.9 (0.6-1.3)	-17.9 (-24.4--11)
Kericho	1.3 (0.9-1.8)	-0.9 (-10.7-7.5)	1.2 (0.8-1.7)	-1.3 (-11.1-7.3)	0.9 (0.6-1.3)	-1.1 (-10.1-7.6)	0.2 (0.2-0.3)	-19.5 (-26.9--10.3)	0 (0-0)	-11.8 (-38.7-28.1)	0.5 (0.3-0.7)	-22.4 (-29.8--15.8)
Kiambu	0.8 (0.6-1.2)	-0.9 (-17.6-9.5)	0.8 (0.5-1.1)	-1.3 (-17.7-9.2)	0.6 (0.4-0.8)	-1.1 (-17.5-7.8)	0.1 (0.1-0.2)	-26.1 (-37.3--18.6)	0 (0-0)	8.7 (-29.5-71.9)	0.3 (0.2-0.4)	-25.8 (-37.7--19.3)
Kilifi	3.3 (2.2-4.7)	-0.8 (-9.9-7.6)	3 (2-4.1)	-1.1 (-9.9-6.6)	2.1 (1.4-3)	-1.5 (-8.8-6.7)	0.6 (0.4-0.8)	-4.6 (-11.7-3.5)	0 (0-0)	0.2 (-30.5-57.8)	1.2 (0.9-1.7)	-12.6 (-19.3--5)
Kirinyaga	0.8 (0.6-1.2)	-1.3 (-18.2-5.7)	0.8 (0.5-1.1)	-1.7 (-18.4-4.8)	0.6 (0.4-0.8)	-1.4 (-18.3-4)	0.1 (0.1-0.2)	-25.6 (-37.4--20.1)	0 (0-0)	12.9 (-27.6-78.5)	0.2 (0.2-0.3)	-30.3 (-42--26.5)
Kisii	3 (2.1-4.2)	-0.7 (-8.2-6.7)	2.7 (1.9-3.8)	-1.2 (-8.8-5.9)	1.9 (1.3-2.7)	-1.2 (-9.7-6.4)	0.5 (0.3-0.7)	-13.1 (-21.4--5.7)	0 (0-0)	-18.4 (-47.6-34.4)	1 (0.7-1.4)	-24.5 (-30.8--18.5)
Kisumu	3.4 (2.3-4.7)	-0.9 (-8.5-6.3)	3 (2-4.1)	-1.4 (-8.9-5.5)	2 (1.4-2.8)	-1.4 (-8.8-6.6)	0.4 (0.3-0.6)	-14.2 (-21.6--6.2)	0 (0-0)	0.1 (-45.2-101)	1.1 (0.7-1.5)	-18.9 (-24.9--12.3)
Kitui	1 (0.6-1.4)	-1 (-18.8-10.8)	0.9 (0.6-1.2)	-1.3 (-19.1-10)	0.6 (0.4-0.9)	-1.5 (-18.7-8.8)	0.2 (0.1-0.3)	-9.9 (-24.6-0.2)	0 (0-0)	8.9 (-36.7-77.9)	0.4 (0.2-0.5)	-18.4 (-32.7--9.4)
Kwale	3.3 (2.3-4.6)	-0.8 (-8.2-6.7)	3 (2-4.1)	-1 (-8-6.4)	2.1 (1.4-2.9)	-1.3 (-9.2-7.7)	0.5 (0.3-0.8)	-5.6 (-13.3-3.2)	0 (0-0)	-6.5 (-36.8-41.9)	1.2 (0.8-1.7)	-12.7 (-19.3--5.5)
Laikipia	0.8 (0.6-1.2)	-1 (-17.6-0.1)	0.8 (0.5-1.1)	-1.3 (-17.4-0.7)	0.6 (0.4-0.9)	-1.6 (-17.2-2.6)	0.1 (0.1-0.2)	-17.1 (-28.6--12.2)	0 (0-0)	5.7 (-30.6-64.4)	0.3 (0.2-0.4)	-24 (-35.8--21.3)
Lamu	1 (0.7-1.4)	-0.9 (-13.7-3)	0.9 (0.6-1.3)	-1.2 (-13.6-3.1)	0.6 (0.4-0.9)	-1.4 (-14.3-4)	0.2 (0.1-0.2)	-11.1 (-21.7--4.9)	0 (0-0)	4.5 (-33.1-54.6)	0.3 (0.2-0.5)	-18.4 (-29.2--14.3)
Machakos	0.9 (0.6-1.2)	-1 (-17.1-7)	0.8 (0.5-1.1)	-1.4 (-17.1-6.6)	0.6 (0.4-0.8)	-1.3 (-16.7-5.6)	0.1 (0.1-0.2)	-26.6 (-38.1--19.9)	0 (0-0)	-1.4 (-33.9-53.4)	0.3 (0.2-0.4)	-29.6 (-40.6--24.4)
Makueni	0.9 (0.6-1.3)	-0.5 (-9.6-0.2)	0.8 (0.5-1.2)	-0.7 (-9.6-1.2)	0.6 (0.4-0.9)	-0.8 (-9.7-2.7)	0.2 (0.1-0.2)	-13 (-21.2--8.1)	0 (0-0)	20.3 (-26.5-106)	0.3 (0.2-0.5)	-21.3 (-28.6--18.6)
Mandera	0.9 (0.6-1.2)	-0.5 (-14.1-9.7)	0.8 (0.5-1.1)	-0.1 (-13.7-10.3)	0.5 (0.4-0.7)	-1.1 (-15.2-7.6)	0.2 (0.1-0.2)	10.2 (-5.8-21)	0 (0-0)	5.3 (-34.4-66.1)	0.4 (0.2-0.5)	-9.5 (-22.5--2)
Marsabit	0.9 (0.6-1.3)	-0.8 (-14.3-0.7)	0.8 (0.5-1.2)	-0.8 (-14.3-1.3)	0.6 (0.4-0.8)	-1.1 (-14.3-3.2)	0.2 (0.1-0.2)	-3.8 (-16.2-3.1)	0 (0-0)	13.5 (-29.4-63.4)	0.4 (0.2-0.5)	-11.8 (-23.5--8.3)
Meru	0.9 (0.6-1.2)	-0.5 (-15-10.3)	0.8 (0.5-1.1)	-0.9 (-15.1-10.9)	0.6 (0.4-0.8)	-1.1 (-15.3-10.8)	0.1 (0.1-0.2)	-19 (-29.7--11.5)	0 (0-0)	-0.3 (-39-47.4)	0.3 (0.2-0.4)	-26.4 (-36.2--18.9)
Migori	5.9 (4-8.2)	-0.6 (-8-8.2)	5.2 (3.5-7.2)	-1 (-8.3-7.3)	3.3 (2.3-4.5)	-0.8 (-7.6-6.6)	0.8 (0.5-1.1)	-3.7 (-10.9-5.2)	0 (0-0)	16.8 (-34-110)	2.2 (1.5-3)	-6.2 (-12.9-1.3)
Mombasa	2.1 (1.5-3)	-0.5 (-7.9-9)	2 (1.4-2.7)	-0.9 (-8.7-8.6)	1.4 (1-2)	-0.7 (-8.3-8)	0.3 (0.2-0.4)	-18.4 (-25.4--11.5)	0 (0-0)	-5.1 (-38.9-57.2)	0.7 (0.5-0.9)	-13.3 (-20--6)
Murang'a	0.8 (0.6-1.2)	-0.5 (-16.5-5.4)	0.8 (0.5-1.1)	-0.7 (-16.5-4.8)	0.6 (0.4-0.8)	-0.8 (-15-3.9)	0.1 (0.1-0.2)	-24.3 (-34.3--18.7)	0 (0-0)	11.9 (-29.5-73)	0.2 (0.2-0.3)	-34 (-43.5--30.9)
Nairobi	0.9 (0.6-1.3)	-0.6 (-18.9-10.7)	0.8 (0.5-1.2)	-1.1 (-19.1-10)	0.6 (0.4-0.9)	-0.7 (-17.6-10.6)	0.1 (0.1-0.2)	-23.7 (-35.9--15.4)	0 (0-0)	-9.3 (-42.3-40.8)	0.3 (0.2-0.4)	-16.5 (-30.8--6.8)
Nakuru	0.9 (0.6-1.2)	-0.7 (-18.9-7.7)	0.8 (0.5-1.1)	-1 (-19.1-7.5)	0.6 (0.4-0.9)	-1.2 (-17.9-8.5)	0.2 (0.1-0.2)	-17.2 (-31.6--5.6)	0 (0-0)	3 (-33.7-62.3)	0.3 (0.2-0.4)	-23.6 (-36.3--16.2)
Nandi	1.5 (1-2)	-1.3 (-8.4-6.6)	1.4 (0.9-1.9)	-1.5 (-8.7-6.7)	1 (0.7-1.4)	-1.6 (-10.1-6.6)	0.3 (0.2-0.4)	-13.5 (-21.4--5.7)	0 (0-0)	10.4 (-29.3-81.6)	0.6 (0.4-0.8)	-20.4 (-27--14)
Narok	1.2 (0.8-1.6)	-0.9 (-12.1-8.1)	1.1 (0.8-1.5)	-0.9 (-12.1-8.3)	0.8 (0.6-1.1)	-1.2 (-11.3-7.3)	0.2 (0.1-0.3)	-10 (-19.8--2)	0 (0-0)	30 (-17.2-127)	0.5 (0.4-0.7)	-14.9 (-23.7--7.2)
Nyamira	2.1 (1.4-2.9)	-1.2 (-8.2-5.4)	1.9 (1.3-2.7)	-1.4 (-8.6-5.1)	1.5 (1-2.1)	-1.3 (-9-5.6)	0.4 (0.2-0.5)	-12.7 (-19.6--5.8)	0 (0-0)	27.1 (-26.8-117)	0.8 (0.5-1.1)	-19.1 (-25.4--13.3)
Nyandarua	0.8 (0.6-1.2)	-1.4 (-18.6-2)	0.8 (0.5-1.1)	-1.5 (-18.7-1.9)	0.6 (0.4-0.8)	-2.2 (-19.4-2.1)	0.1 (0.1-0.2)	-13.6 (-27.4--7.7)	0 (0-0)	12 (-34.2-82.5)	0.3 (0.2-0.4)	-27.2 (-39.6--23.9)
Nyeri	0.8 (0.5-1.1)	-0.5 (-13.5-0)	0.7 (0.5-1.1)	-0.7 (-13.4-0.7)	0.6 (0.4-0.8)	-1 (-12.7-3)	0.1 (0.1-0.2)	-23.4 (-31.8--18.2)	0 (0-0)	17.5 (-21.2-83.7)	0.2 (0.1-0.3)	-32.5 (-40.5--29.9)
Samburu	0.9 (0.6-1.3)	-1 (-18.8-7.5)	0.9 (0.6-1.2)	-1.1 (-18.2-7.5)	0.7 (0.4-0.9)	-1.4 (-17.8-6.6)	0.2 (0.1-0.2)	-6.6 (-18.2-2.1)	0 (0-0)	13.3 (-26.4-89.6)	0.4 (0.3-0.6)	-13 (-26.4--5.7)
Siaya	5.5 (3.8-7.7)	-1.1 (-12.2-6.2)	4.8 (3.4-6.7)	-1.6 (-11.7-5.3)	3.2 (2.2-4.4)	-0.9 (-9.9-6.8)	0.8 (0.5-1.1)	-11.9 (-20.2--4.2)	0 (0-0)	-4.9 (-44.2-72.1)	1.8 (1.3-2.5)	-15 (-22.6--8.3)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Taita Taveta	1.2 (0.8-1.6)	-1.3 (-14.3-8.8)	1.1 (0.8-1.5)	-1.6 (-14.4-8.5)	0.8 (0.6-1.1)	-1.7 (-14.9-8.8)	0.2 (0.1-0.2)	-23.3 (-33.5--14.2)	0 (0-0)	6.8 (-36.2-78.1)	0.3 (0.2-0.5)	-27.3 (-37--19.2)
Tana River	1.3 (0.9-1.8)	-2.2 (-17.4-5.9)	1.1 (0.8-1.6)	-2.4 (-17.6-6)	0.8 (0.5-1.1)	-2.5 (-17.8-5.5)	0.2 (0.1-0.3)	-0.1 (-14.5-9.2)	0 (0-0)	3.2 (-41.3-70.9)	0.5 (0.4-0.7)	-6.8 (-20.6-0.7)
Tharaka Nithi	0.9 (0.6-1.3)	-0.4 (-15.2-13)	0.8 (0.5-1.1)	-0.8 (-15.4-11.7)	0.6 (0.4-0.8)	-1 (-14.7-8.8)	0.1 (0.1-0.2)	-6.8 (-18.3-5.1)	0 (0-0)	42.1 (-23.2-125)	0.3 (0.2-0.4)	-16.5 (-28.1--7.5)
Trans Nzoia	1.7 (1.2-2.4)	-0.7 (-7.5-8.5)	1.6 (1.1-2.2)	-1 (-7.9-8.2)	1.2 (0.8-1.6)	-1.4 (-8.8-7.9)	0.3 (0.2-0.4)	-11.1 (-17.8--2.2)	0 (0-0)	-0.5 (-38.4-62)	0.6 (0.4-0.9)	-20.3 (-26.3--12.7)
Turkana	1.3 (0.9-1.8)	-0.4 (-7.4-8.8)	1.1 (0.8-1.6)	-0.6 (-7.6-8.3)	0.8 (0.6-1.1)	-0.1 (-7.8-9.1)	0.2 (0.1-0.3)	-2.9 (-10.8-7.3)	0 (0-0)	-8.6 (-49.1-54.1)	0.5 (0.4-0.7)	-8.8 (-15.5--0.2)
Uasin Gishu	1.3 (0.9-1.8)	-0.5 (-8.6-7)	1.2 (0.8-1.6)	-0.9 (-9-6.6)	0.9 (0.6-1.2)	-1.1 (-8.7-6)	0.2 (0.1-0.3)	-18.5 (-24.8--11.9)	0 (0-0)	7.5 (-24.2-59.8)	0.5 (0.3-0.6)	-21.8 (-27.8--16.2)
Vihiga	3.2 (2.2-4.5)	-1.2 (-8.7-7.9)	2.9 (2-4)	-1.3 (-9.4-7.9)	2 (1.4-2.8)	-1.4 (-10.3-7.2)	0.6 (0.4-0.8)	1 (-7.2-9.4)	0 (0-0)	12.4 (-29-63.3)	1.1 (0.8-1.5)	-16.9 (-24--9.4)
Wajir	0.9 (0.6-1.3)	-0.8 (-16.5-0)	0.8 (0.5-1.2)	-0.9 (-16.3-1.2)	0.6 (0.4-0.8)	-1.5 (-17.7-2.8)	0.2 (0.1-0.2)	5.1 (-12-12.2)	0 (0-0)	-4.4 (-36.6-43.3)	0.4 (0.3-0.5)	-4.7 (-19.9--1.1)
West Pokot	1.5 (1-2.1)	-0.8 (-8.8-7.4)	1.4 (0.9-1.9)	-1 (-9.2-7.3)	1 (0.6-1.4)	-1.5 (-9.7-6.8)	0.3 (0.2-0.4)	2.2 (-6.8-11.8)	0 (0-0)	2.8 (-29.2-52.3)	0.6 (0.4-0.9)	-9 (-16.2--1)
Madagascar	2.2 (1.5-3.1)	-2.8 (-12.2-7.3)	1.9 (1.3-2.7)	-3.2 (-12-6.2)	1.3 (0.9-1.8)	-3 (-10.5-5.7)	0.3 (0.2-0.4)	-4.9 (-13.3-3.8)	0 (0-0)	5.8 (-33.3-56.1)	0.8 (0.5-1.1)	-12.9 (-19.9--4.8)
Malawi	1.7 (1.1-2.5)	0.1 (-9.1-8.1)	1.4 (1-2.1)	-1 (-10-7.1)	0.9 (0.6-1.3)	-0.7 (-8.9-7.2)	0.2 (0.1-0.3)	3.9 (-4.6-12.8)	0 (0-0)	2.1 (-41-73)	0.6 (0.4-0.8)	-8.8 (-16.2--1.5)
Mozambique	1.4 (1-2)	1.4 (-6.5-13.5)	1.2 (0.8-1.7)	0.5 (-7-12.2)	0.8 (0.5-1.1)	0.5 (-8.1-11.8)	0.2 (0.1-0.3)	7.9 (-1.7-19.6)	0 (0-0)	1.9 (-41.1-72.2)	0.5 (0.4-0.7)	0.5 (-7.7-11.6)
Rwanda	0.6 (0.4-0.9)	0.4 (-16.3-25.1)	0.5 (0.3-0.8)	-0.1 (-16.5-25.6)	0.4 (0.2-0.5)	0.4 (-15.4-24.3)	0.1 (0.1-0.1)	-14.4 (-28.9-5.2)	0 (0-0)	-6 (-36.7-39.3)	0.2 (0.1-0.3)	-17.2 (-31.2-3.5)
Somalia	0.9 (0.6-1.2)	-0.8 (-20.3-14.4)	0.7 (0.5-1)	-1.5 (-20.5-13.1)	0.5 (0.3-0.7)	-1.6 (-19.7-10.8)	0.1 (0.1-0.2)	-8.1 (-23.5-3)	0 (0-0)	-28.5 (-60.5-20.8)	0.3 (0.2-0.4)	-3.4 (-21.5-9)
South Sudan	1.4 (1-2)	1.6 (-7.2-10.5)	1.2 (0.9-1.7)	1.4 (-6.9-10)	0.8 (0.5-1.1)	0.5 (-7.5-9.5)	0.2 (0.1-0.3)	10.8 (1.2-21.8)	0 (0-0)	13.1 (-30.1-81.8)	0.5 (0.3-0.7)	-1.7 (-9.8-6.7)
Uganda	4.6 (3.1-6.5)	-0.6 (-8.1-9.8)	3.9 (2.7-5.5)	-1.3 (-7.9-8.9)	2.7 (1.8-3.7)	-1.1 (-8.2-8)	0.7 (0.5-1)	-2.5 (-9.4-6.2)	0 (0-0)	13 (-33.6-85.2)	1.8 (1.2-2.5)	-9.2 (-15.4--1)
United Republic of Tanzania	2.6 (1.8-3.6)	1.7 (-6.5-12.2)	2.2 (1.5-3.1)	1.2 (-6.6-10.8)	1.5 (1-2.1)	1.7 (-5.7-11.3)	0.4 (0.3-0.5)	-2.9 (-11.8-5.8)	0 (0-0)	14.5 (-29.6-91.5)	0.9 (0.7-1.3)	-4.5 (-11.5-4.2)
Zambia	6.1 (4.2-8.7)	-0.3 (-7.6-8.8)	5.2 (3.6-7.4)	-0.9 (-8.4-7.4)	3.6 (2.4-4.9)	-0.8 (-8.6-7.9)	0.8 (0.5-1.2)	-9.6 (-17.3--1.8)	0 (0-0)	9.4 (-37.2-87.1)	2.1 (1.5-3)	-12.4 (-19.2--5.8)
Southern Sub-Saharan Africa	0.9 (0.7-1.2)	5.3 (0.3-11)	0.8 (0.6-1)	4.3 (-0.6-9.5)	0.6 (0.4-0.7)	8.5 (3.3-14)	0.1 (0.1-0.1)	-15.1 (-19.3--10.8)	0 (0-0)	11.3 (-8.1-51.9)	0.2 (0.2-0.3)	-11.3 (-15.4--6.8)
Botswana	4.1 (2.8-5.7)	1.3 (-5.3-12)	3.6 (2.5-5)	1 (-5.7-11.6)	2.7 (1.9-3.7)	1.6 (-5.6-11.5)	0.5 (0.3-0.7)	-27.8 (-33.6--21.2)	0 (0-0)	5.6 (-45-90.9)	1.2 (0.8-1.6)	-22 (-27.2--15)
Eswatini	1.4 (1-1.9)	0.7 (-8.9-9.1)	1.2 (0.8-1.6)	0.2 (-8.6-8.9)	0.8 (0.6-1.2)	0.7 (-8.9-9.4)	0.2 (0.1-0.3)	-19.4 (-27.5--11.5)	0 (0-0)	-5.8 (-50.4-101)	0.4 (0.3-0.6)	-17.7 (-25.5--10.6)
Lesotho	1.2 (0.9-1.7)	0.4 (-11.8-13.9)	1 (0.8-1.4)	0 (-12.9-13)	0.7 (0.5-1)	0.4 (-11.9-13.5)	0.1 (0.1-0.2)	-20.9 (-32.1--9.8)	0 (0-0)	5.2 (-43.7-93.4)	0.3 (0.2-0.5)	-17.3 (-27.8--6.2)
Namibia	1.4 (1-1.9)	-1.2 (-11.1-5.8)	1.2 (0.8-1.7)	-1.5 (-12.2-5.9)	0.9 (0.6-1.2)	-1.4 (-12.8-6.2)	0.2 (0.1-0.3)	-16.7 (-26.1--9.6)	0 (0-0)	12.2 (-25.3-87.5)	0.5 (0.3-0.6)	-14.7 (-24.4--8.2)
South Africa	0.3 (0.2-0.4)	-0.9 (-8.6-5.8)	0.3 (0.2-0.4)	-1.4 (-9.4-5.6)	0.2 (0.1-0.3)	-0.4 (-8.9-5.9)	0 (0-0)	-23.4 (-28.6--18.4)	0 (0-0)	14.3 (-12.7-74)	0.1 (0.1-0.1)	-20.6 (-26.9--15.4)
Eastern Cape	0.3 (0.2-0.5)	1.2 (-14.6-35.9)	0.3 (0.2-0.4)	0.9 (-14.8-34.8)	0.2 (0.1-0.3)	1.5 (-15.1-35.1)	0 (0-0.1)	-19.9 (-33.1-5.1)	0 (0-0)	10.4 (-48-166)	0.1 (0.1-0.1)	-21.3 (-33.9-4.3)
Free State	0.3 (0.2-0.5)	0.6 (-17.2-31.5)	0.3 (0.2-0.4)	0.2 (-18-30.9)	0.2 (0.1-0.3)	1 (-17.7-29.6)	0 (0-0.1)	-22.2 (-36.7-0)	0 (0-0)	-0.7 (-52.9-113)	0.1 (0.1-0.1)	-18.7 (-33.9-4.6)
Gauteng	0.3 (0.2-0.5)	0.8 (-12-30.6)	0.3 (0.2-0.4)	0.2 (-12.1-30)	0.2 (0.1-0.3)	1.4 (-10.9-32)	0 (0-0)	-20.4 (-31-4.7)	0 (0-0)	-6.1 (-44-94.9)	0.1 (0-0.1)	-9.7 (-20.7-17.8)
KwaZulu-Natal	0.3 (0.2-0.5)	1.2 (-11-32.6)	0.3 (0.2-0.4)	0.8 (-11.1-32.5)	0.2 (0.1-0.3)	1.3 (-9.8-32.7)	0 (0-0.1)	-21.5 (-30.9-2.2)	0 (0-0)	-2.5 (-50.7-93.3)	0.1 (0.1-0.1)	-18.8 (-27.8-6.4)
Limpopo	0.4 (0.2-0.5)	0.5 (-15.6-22.9)	0.3 (0.2-0.5)	0.2 (-15.6-22.6)	0.2 (0.2-0.3)	0.4 (-13.4-21.7)	0.1 (0-0.1)	-24.9 (-36--9.1)	0 (0-0)	12 (-31.3-93.3)	0.1 (0.1-0.2)	-22 (-33.6--4.9)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Mpumalanga	0.3 (0.2-0.5)	-0.7 (-21.1-16.5)	0.3 (0.2-0.4)	-0.9 (-21.3-16.8)	0.2 (0.1-0.3)	-0.2 (-20.8-15.8)	0 (0-0.1)	-22.8 (-38--8.4)	0 (0-0)	3.2 (-44.1-89.2)	0.1 (0.1-0.1)	-20.7 (-37--7.1)
North-West	0.3 (0.2-0.5)	1.1 (-17.2-38)	0.3 (0.2-0.4)	0.6 (-17.5-36.9)	0.2 (0.1-0.3)	1.4 (-16.4-37.3)	0 (0-0.1)	-18.6 (-33.5-7.1)	0 (0-0)	-7.3 (-47.1-80)	0.1 (0.1-0.1)	-13.2 (-29-17.7)
Northern Cape	0.3 (0.2-0.5)	0.9 (-15.3-30.4)	0.3 (0.2-0.4)	0.7 (-16-30.3)	0.2 (0.1-0.3)	1.1 (-16.4-30.9)	0 (0-0.1)	-11.8 (-27-14.1)	0 (0-0)	2.3 (-40.7-84.3)	0.1 (0.1-0.1)	-15.3 (-29.5-9.4)
Western Cape	0.1 (0-0.2)	0 (0-0)	0 (0-0.2)	-0.2 (-1.1-0.5)	0 (0-0.1)	0.5 (-1.5-2.6)	0 (0-0)	-22.1 (-25.6--18.3)	0 (0-0)	-4.2 (-33-53.6)	0 (0-0)	-22.7 (-24.2--20.9)
Zimbabwe	1.8 (1.2-2.6)	2 (-5.6-10.8)	1.6 (1.1-2.2)	1.4 (-6.1-10.5)	1.1 (0.8-1.6)	2.2 (-5.5-11.6)	0.3 (0.2-0.4)	-13.1 (-19.9--5.1)	0 (0-0)	6.6 (-40.5-80.7)	0.6 (0.4-0.9)	-6.7 (-13.6-1.8)
Western Sub-Saharan Africa	564 (425-735)	-20.1 (-23.9--16.7)	527 (396-682)	-20.9 (-24.9--17.3)	425 (321-546)	-22.3 (-26.7--18.5)	130 (96.2-170)	-20.8 (-24.9--17.2)	0.2 (0.1-0.4)	15.8 (3.6-27.1)	260 (199-332)	-23.9 (-28--20.3)
Benin	1,630 (1,230-2,070)	-24.8 (-35.4--13.2)	1,510 (1,130-1,930)	-25.2 (-35.6--13.6)	1,240 (923-1,580)	-26.8 (-37.1--15.6)	385 (281-498)	-32.9 (-43.9--22.2)	1 (0.6-1.5)	-17.4 (-39.8-12.1)	784 (587-996)	-30.8 (-40.7--20.3)
Burkina Faso	1,070 (819-1,380)	-36.4 (-49.6--20.4)	988 (757-1,270)	-36.7 (-49.8--20.4)	794 (594-1,030)	-36.4 (-50.5--20.1)	234 (174-307)	-33.4 (-48.7--16.1)	0.4 (0.2-0.7)	15.6 (-24.5-68.4)	501 (382-643)	-38.4 (-51.9--22.7)
Cabo Verde	48.7 (34.1-66.6)	-1.7 (-11-8.1)	46.1 (32.2-63)	-1.7 (-11.5-7.8)	40.9 (28.6-55.5)	-1.7 (-11.4-7.7)	10.1 (7.1-13.7)	-28.9 (-36--21.5)	0 (0-0)	62.6 (19.7-135)	17.1 (12-23.2)	-30.7 (-37.3--23.3)
Cameroon	25.4 (20.2-33.1)	2.8 (-4.8-10.9)	23.5 (18.6-30.6)	2.4 (-4.9-10.5)	19.1 (14.7-24.8)	2.6 (-4.9-10.7)	5.5 (4.1-7.3)	-3.3 (-10.2-4.4)	0 (0-0)	10.1 (-20.8-67)	11.1 (8.7-14.3)	-5.8 (-12.7-1.7)
Chad	11.8 (8.6-15.7)	-3 (-10-6.5)	10.8 (8-14.6)	-3.1 (-10.2-6.5)	8.6 (6.3-11.5)	-3.2 (-10.3-5.8)	2.7 (1.9-3.6)	3.2 (-4.3-12.5)	0 (0-0)	8 (-24.8-68.9)	5.9 (4.4-7.9)	-1.2 (-8.4-8.1)
Côte d'Ivoire	204 (160-248)	-1.4 (-10.6-7.2)	189 (146-226)	-1.7 (-10.4-6.9)	154 (116-186)	-1.4 (-10.3-7.4)	39.6 (29.7-49.6)	-12.4 (-20.6--4.4)	0 (0-0.1)	-1.1 (-22.9-28.5)	87.1 (67-105)	-9.7 (-18--2.2)
Gambia	108 (81.3-141)	-20.4 (-29.9--11.7)	100 (75.7-132)	-20.8 (-30.1--11.7)	83.2 (61.8-109)	-20.9 (-30.2--11.6)	25.4 (18.7-33.7)	-20.2 (-29.4--10.9)	0 (0-0.1)	6.2 (-20.4-40.6)	48.8 (36.7-63.5)	-26.3 (-34.7--17.8)
Ghana	818 (666-975)	-2.3 (-19.6-15.3)	760 (613-911)	-3.3 (-20.6-14.5)	629 (504-756)	-5.4 (-22.1-11.7)	165 (130-205)	-14.8 (-29-0)	0.2 (0.1-0.4)	-1.5 (-27.8-32.9)	324 (263-388)	-17 (-31.5--2.3)
Guinea	319 (220-436)	1 (-8.5-12.5)	292 (203-397)	0.7 (-8.3-11.9)	231 (161-317)	0.7 (-8.8-12.6)	65.7 (45.6-91.4)	1.1 (-9.2-13.3)	0.1 (0-0.1)	13.5 (-10.7-46)	144 (102-197)	-0.4 (-9.8-11.3)
Guinea-Bissau	14 (9.7-19.6)	-1.5 (-9.5-6.9)	12.9 (9-18)	-1.8 (-9.9-6.4)	10.3 (7.2-14.1)	-1.7 (-9.7-6.4)	2.7 (1.9-3.9)	-11.8 (-18.9--4.3)	0 (0-0)	2.7 (-39.1-60.7)	6 (4.2-8.3)	-11 (-18.1--3.8)
Liberia	110 (77.3-152)	0.8 (-7.8-10.4)	101 (71.1-139)	0.4 (-8-10.1)	80.5 (56.9-111)	0 (-8.6-9.9)	21.8 (15.3-30.3)	-11.1 (-19.3--2.3)	0 (0-0)	27.6 (-4.2-69.2)	44.6 (31.7-61)	-12 (-19.5--3.3)
Mali	311 (242-375)	-1.5 (-9.8-8.5)	285 (219-343)	-1.6 (-9.8-8.2)	223 (169-273)	-1.6 (-10-8.3)	68.7 (51.5-86.9)	4.8 (-4.5-16)	0.1 (0-0.1)	5.1 (-20.7-37.9)	146 (112-177)	-1.1 (-9.1-8.9)
Mauritania	26.7 (20-35)	-1 (-9.5-8.9)	24.9 (18.6-32.4)	-1.3 (-9.8-8.4)	20.9 (15.7-27.4)	-1.6 (-10.2-7.9)	6.4 (4.8-8.3)	1 (-8.2-10.2)	0 (0-0)	5.3 (-23.3-41)	11.8 (8.9-15.4)	-8.8 (-16.9--0.1)
Niger	556 (415-715)	-36.2 (-44.4--27.4)	513 (386-657)	-36.8 (-44.8--28.2)	409 (307-525)	-38 (-46--29.7)	139 (103-181)	-32.4 (-41.5--23.3)	0.3 (0.1-0.4)	-30.3 (-48.4--7.4)	289 (219-370)	-35.5 (-44--26.8)
Nigeria	665 (474-916)	-20.6 (-23.3--17.6)	629 (452-861)	-21.6 (-24.4--18.8)	507 (369-683)	-23.9 (-26.4--21.3)	163 (116-219)	-19.6 (-22.7--16.7)	0.3 (0.2-0.5)	30.8 (20.9-41.8)	314 (229-419)	-23.4 (-25.9--20.7)
Sao Tome and Principe	80.1 (57.8-106)	-1.8 (-10.8-8.1)	74.7 (54.2-99.2)	-2.1 (-10.9-7.1)	62.9 (45.4-82.8)	-2.2 (-11.2-7.2)	18 (12.8-24)	-18.8 (-26.4--11)	0 (0-0)	35.4 (3.8-75)	32.7 (23.6-43)	-19.6 (-26.8--11.8)
Senegal	79.6 (60.4-98.8)	-0.1 (-7.9-7.8)	73.7 (55.5-91.4)	-0.2 (-8.1-7.7)	60.7 (46.2-75.6)	0.1 (-7.9-8.2)	18 (13.6-22.8)	-3.5 (-11.4-4.3)	0 (0-0)	0.4 (-26.1-35.6)	34.7 (26.6-42.9)	-7.5 (-15.1--0.3)
Sierra Leone	360 (280-443)	-1.9 (-10.9-7)	330 (257-403)	-2.3 (-11.3-6.7)	259 (197-320)	-2.3 (-11.1-6.8)	72.2 (54.3-92)	0.7 (-8.4-10.5)	0.1 (0-0.1)	9.6 (-15.8-39.6)	149 (116-184)	-8.6 (-16.6--0.2)
Togo	898 (710-1,140)	-5.4 (-13.3-3)	832 (659-1,050)	-5.5 (-13.7-2.9)	679 (529-861)	-5.4 (-13.2-3.3)	179 (136-233)	-13.4 (-21.1--4.7)	0.2 (0.1-0.4)	1.1 (-21.7-27.2)	374 (294-470)	-16.5 (-23.6--8.9)

Table S16: Mild sickle cell/beta-thalassemia disease frequency: Birth rate, age-specific and all-age prevalence rates , 2000 - 2021

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Global	14.7 (10.6-21)	12.6 (10.6-14.9)	9.3 (6.6-12.9)	13.9 (11.9-16)	2.6 (1.8-3.5)	23.1 (19.4-26.3)	0.5 (0.4-0.7)	11.7 (8.1-15.2)	0 (0-0)	-8.9 (-11.4--6.5)	1.5 (1.1-2)	-1.5 (-3.5-0.8)
Central Europe, Eastern Europe, and Central Asia	0.4 (0.3-0.6)	-42.6 (-50.1--34.8)	0.3 (0.2-0.4)	-46.4 (-53.2--39.7)	0.1 (0-0.1)	-41.2 (-48.2--33)	0 (0-0)	-47.5 (-54--39.4)	0 (0-0)	-15.6 (-38.6-11.4)	0 (0-0)	-44.2 (-50.2--38.2)
Central Asia	0 (0-0)	-0.2 (-0.4-0)	0 (0-0)	-0.3 (-3-1.7)	0 (0-0)	3.6 (-5-10.6)	0 (0-0)	-22.1 (-32.6--12.7)	0 (0-0)	-5.8 (-32.7-25.4)	0 (0-0)	-7.8 (-12.7--4.3)
Armenia	0 (0-0)	-1.4 (0-0)	0 (0-0)	-1.9 (-5.2-3.6)	0 (0-0)	4.9 (-12-22.6)	0 (0-0)	-22 (-46.2-3.9)	0 (0-0)	-10.7 (-62.7-75.7)	0 (0-0)	-13 (-21.7--3.4)
Azerbaijan	0 (0-0)	0 (0-0)	0 (0-0)	0.9 (-3.3-5)	0 (0-0)	1.7 (-12-17.4)	0 (0-0)	-18.5 (-39.8-9.5)	0 (0-0)	33.9 (-33.6-162)	0 (0-0)	-22.1 (-27.9--16.4)
Georgia	0 (0-0)	-0.1 (0-0)	0 (0-0)	0.4 (-2.9-3.7)	0 (0-0)	4.6 (-7.9-19.9)	0 (0-0)	-16.4 (-35.9-11.4)	0 (0-0)	1.7 (-49.8-92.2)	0 (0-0)	3 (-5.3-13.2)
Kazakhstan	0 (0-0)	-0.3 (0-0)	0 (0-0)	-1 (-4.6-3.2)	0 (0-0)	7.9 (-5.1-26)	0 (0-0)	-19.4 (-39.2-4.8)	0 (0-0)	4.1 (-54.4-126)	0 (0-0)	13.5 (5.3-23.3)
Kyrgyzstan	0 (0-0)	0 (0-0)	0 (0-0)	0.6 (-3.3-4.7)	0 (0-0)	2.9 (-14.3-21.4)	0 (0-0)	-13.9 (-36.3-15.7)	0 (0-0)	29 (-37.9-164)	0 (0-0)	3 (-5.2-10.9)
Mongolia	0 (0-0)	-0.5 (0-0)	0 (0-0)	-1.7 (-6-3.1)	0 (0-0)	11.4 (-8.8-29.1)	0 (0-0)	-35.5 (-53.9--14)	0 (0-0)	18.7 (-46.5-182)	0 (0-0)	-1 (-9.2-6.7)
Tajikistan	0 (0-0)	0 (0-0)	0 (0-0)	0.5 (-3.2-4.7)	0 (0-0)	3.9 (-11.6-20.8)	0 (0-0)	-15.8 (-37.5-12.7)	0 (0-0)	38.6 (-26.4-166)	0 (0-0)	-13.5 (-18.7--8.2)
Turkmenistan	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (-3.2-4.3)	0 (0-0)	3.9 (-10.5-23.3)	0 (0-0)	-21.1 (-41.6-10.4)	0 (0-0)	12.1 (-43.2-167)	0 (0-0)	-11.4 (-17.1--4.9)
Uzbekistan	0 (0-0)	-0.3 (0-0)	0 (0-0)	1.3 (-5-5.6)	0 (0-0)	3.3 (-14.5-19)	0 (0-0)	-21.2 (-44.2-3.1)	0 (0-0)	27.3 (-39.5-159)	0 (0-0)	-10.7 (-19--4.3)
Central Europe	2.1 (1.4-3)	-29.3 (-38.6--19.6)	1.4 (0.9-2)	-30.9 (-39.7--22.1)	0.3 (0.2-0.5)	-30.3 (-38.6--20.4)	0 (0-0)	-42.7 (-49.9--33.8)	0 (0-0)	-14.5 (-37.8-13)	0.1 (0.1-0.2)	-40.8 (-47.1--34.3)
Albania	0.3 (0.2-0.3)	-0.9 (-22.5-0)	0.1 (0.1-0.2)	2.5 (-18.3-7.9)	0 (0-0)	3.2 (-16.8-19.3)	0 (0-0)	-7.5 (-31.2-21.6)	0 (0-0)	-8.8 (-51.7-64.2)	0 (0-0)	-35.9 (-48.1--30.6)
Bosnia and Herzegovina	0 (0-0)	-2.2 (-96.7-0)	0 (0-0)	-2.1 (-96.5-2.9)	0 (0-0)	0.3 (-95.7-18.5)	0 (0-0)	-11.8 (-95.2-15.1)	0 (0-0)	-12.7 (-88.7-50.8)	0 (0-0)	-28.6 (-97.2--20.3)
Bulgaria	0 (0-0)	0 (-0.1-0)	0 (0-0)	-2.5 (-6.5-1.2)	0 (0-0)	6.2 (-8.4-24.3)	0 (0-0)	-21.2 (-40.3-7.5)	0 (0-0)	-17.8 (-55.6-65.7)	0 (0-0)	-1.4 (-10.1-6.6)
Croatia	0 (0-0)	-5 (-45.2-0)	0 (0-0)	-4.3 (-45.8-3.7)	0 (0-0)	-3.9 (-47.7-16.1)	0 (0-0)	-13.3 (-63.9-21.5)	0 (0-0)	-21.1 (-82.4-72.5)	0 (0-0)	-24.3 (-59.2--12.9)
Czechia	0 (0-0)	-1.6 (-78.3-70.8)	0 (0-0)	-1.8 (-78.7-70.8)	0 (0-0)	-0.7 (-79.3-71.8)	0 (0-0)	-25 (-85.6-46.7)	0 (0-0)	-28.5 (-89-140)	0 (0-0)	0 (-79.4-79.8)
Hungary	0 (0-0)	-4.8 (-45.2-0)	0 (0-0)	-5.9 (-47.3-2.7)	0 (0-0)	-7 (-54.3-15.1)	0 (0-0)	-23.3 (-70.2-8.3)	0 (0-0)	-27.7 (-87.6-60.5)	0 (0-0)	-19.5 (-58.5--6.6)
Montenegro	0 (0-0)	-0.2 (0-0.1)	0 (0-0)	-0.4 (-3.5-2.6)	0 (0-0)	1.1 (-13.3-16.8)	0 (0-0)	-8 (-31.1-19.7)	0 (0-0)	-7.4 (-51-81.2)	0 (0-0)	-21.1 (-27--14.6)
North Macedonia	0 (0-0)	0 (0-0)	0 (0-0)	0.7 (-3.5-4.6)	0 (0-0)	2.4 (-12.4-17.8)	0 (0-0)	-13.1 (-36.4-12.6)	0 (0-0)	-5.8 (-48.8-61.5)	0 (0-0)	-22.7 (-29.1--16.5)
Poland	6 (3.9-8.8)	-37.6 (-45.9--29.1)	4.1 (2.7-5.9)	-36.9 (-45.1--28.9)	0.9 (0.6-1.4)	-32.4 (-40.5--22.8)	0.1 (0.1-0.1)	-46.1 (-52.9--37.7)	0 (0-0)	-22.1 (-43.4-3.1)	0.3 (0.2-0.5)	-45 (-50.9--39)
Romania	0 (0-0)	0 (-0.1-0)	0 (0-0)	-1.4 (-5.1-3.2)	0 (0-0)	5.9 (-8.1-26.9)	0 (0-0)	-17.5 (-37.3-10.1)	0 (0-0)	-5.8 (-51.3-83.2)	0 (0-0)	-11.7 (-18.3--4.1)
Serbia	0 (0-0)	0 (0-0)	0 (0-0)	-0.7 (-4.3-5.2)	0 (0-0)	-3.5 (-18.9-13.5)	0 (0-0)	-8.5 (-32.4-17.9)	0 (0-0)	-13.8 (-55.3-69.2)	0 (0-0)	-25.5 (-32.5--17.9)
Slovakia	0 (0-0)	0 (0-0)	0 (0-0)	1.1 (-1.9-4.4)	0 (0-0)	4.7 (-8.2-20.4)	0 (0-0)	-22.1 (-40.1--0.1)	0 (0-0)	-17.9 (-59.3-63.1)	0 (0-0)	-11.9 (-19.1--4.3)
Slovenia	0 (0-0)	1.7 (-29.3-107)	0 (0-0)	1 (-30.3-97.6)	0 (0-0)	7.8 (-24.5-94.7)	0 (0-0)	-13.3 (-46.3-35.7)	0 (0-0)	-9.9 (-59.7-71.9)	0 (0-0)	-5.3 (-34.2-70.3)
Eastern Europe	0 (0-0)	-0.3 (-7.2-1.8)	0 (0-0)	-1.4 (-8-0.9)	0 (0-0)	11.6 (4.9-18.6)	0 (0-0)	-25.6 (-31.8--19.1)	0 (0-0)	-6.7 (-25.3-18.5)	0 (0-0)	12.5 (5-19.5)
Belarus	0 (0-0)	0 (0-0)	0 (0-0)	-1.6 (-4.8-1.7)	0 (0-0)	9.8 (-4.2-26.8)	0 (0-0)	-23 (-41.1--1.6)	0 (0-0)	0.3 (-49-101)	0 (0-0)	5.3 (-4.1-16.1)
Estonia	0 (0-0)	0 (0-0)	0 (0-0)	-0.2 (-2.8-3)	0 (0-0)	4.4 (-8.9-20.1)	0 (0-0)	-18.9 (-37.9-3)	0 (0-0)	-15.6 (-58.2-53.3)	0 (0-0)	-0.2 (-9.3-8.8)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Latvia	0 (0-0)	0 (0-0)	0 (0-0)	-1.7 (-4.8-1.1)	0 (0-0)	4.5 (-8-20.9)	0 (0-0)	-22.2 (-40.7-3.1)	0 (0-0)	-18 (-56.5-82.9)	0 (0-0)	4.8 (-4.8-17.1)
Lithuania	0 (0-0)	0 (0-0)	0 (0-0)	0.2 (-2.7-3.5)	0 (0-0)	5.6 (-8-21.7)	0 (0-0)	-12.9 (-32.9-13.6)	0 (0-0)	-10 (-49.5-88.2)	0 (0-0)	-15.2 (-22.4--7.1)
Republic of Moldova	0 (0-0)	-0.6 (0-0)	0 (0-0)	-0.3 (-3.9-3.7)	0 (0-0)	4.4 (-11.9-21.2)	0 (0-0)	-26.7 (-48.4--3.2)	0 (0-0)	-6 (-56.1-97.2)	0 (0-0)	-26.2 (-33--19.9)
Russian Federation	0 (0-0)	-0.9 (-11.3-0)	0 (0-0)	-2.1 (-12.3--0.8)	0 (0-0)	13.5 (3.4-20.7)	0 (0-0)	-25.2 (-31.3--20.3)	0 (0-0)	-4.1 (-18.2-16.9)	0 (0-0)	19.8 (8.9-27.9)
Ukraine	0 (0-0)	0 (-0.4-0)	0 (0-0)	-0.7 (-3.3-2.3)	0 (0-0)	6.6 (-5.5-20.5)	0 (0-0)	-27.6 (-44.6--4.8)	0 (0-0)	-7.4 (-55.4-93.2)	0 (0-0)	-3.8 (-11.2-4.4)
High-income	1.4 (1.1-1.6)	-8.4 (-10--6.7)	1.2 (1-1.4)	-6.9 (-8.6--5.2)	1 (0.9-1.2)	-4.6 (-6.6--2.8)	0.7 (0.6-0.8)	1.3 (-0.8-3.4)	0.1 (0.1-0.1)	1.8 (-1.6-5.4)	0.5 (0.5-0.6)	-11.8 (-13.4--10.1)
Australasia	0 (0-0)	0.8 (0-47.6)	0 (0-0)	1.7 (-2.3-49.6)	0 (0-0)	0.1 (-12.5-46.5)	0 (0-0)	-4 (-23.5-25.7)	0 (0-0)	-14.9 (-55.8-50.7)	0 (0-0)	-11.5 (-17.1-28.3)
Australia	0 (0-0)	0 (0-0)	0 (0-0)	1 (-2.8-4.6)	0 (0-0)	-0.1 (-13.7-13.4)	0 (0-0)	-4.7 (-25.9-22.5)	0 (0-0)	-15.3 (-57.7-59.6)	0 (0-0)	-10.8 (-16.9--4.8)
New Zealand	0 (0-0)	4.7 (0-274)	0 (0-0)	5.2 (-2.3-296)	0 (0-0)	0.7 (-15.6-250)	0 (0-0)	0.3 (-26.4-150)	0 (0-0)	-10.6 (-55.4-108)	0 (0-0)	-14.9 (-23.5-207)
High-income Asia Pacific	0 (0-0)	0 (-0.1-0)	0 (0-0)	0 (-1.4-1.9)	0 (0-0)	3 (-1.7-8.3)	0 (0-0)	-14.9 (-20.6--8.8)	0 (0-0)	-33.3 (-42.4--22.2)	0 (0-0)	-27.5 (-29.4--25.2)
Brunei Darussalam	0 (0-0)	0 (0-0)	0 (0-0)	0 (-3-3.3)	0 (0-0)	-1.3 (-15.7-14.8)	0 (0-0)	-10.9 (-33.8-19.1)	0 (0-0)	-6.4 (-53.6-103)	0 (0-0)	-34.7 (-38.6--30.2)
Japan	0 (0-0)	0 (0-0)	0 (0-0)	-0.9 (-1.7-0)	0 (0-0)	1.5 (-1.5-4.5)	0 (0-0)	-11.3 (-16.8--5.8)	0 (0-0)	-28.7 (-38.4--17.6)	0 (0-0)	-21.8 (-23.3--20.4)
Aichi	0 (0-0)	0 (0-0)	0 (0-0)	-1 (-4.4-2.6)	0 (0-0)	0.5 (-12-15.4)	0 (0-0)	-11.1 (-29.6-11.2)	0 (0-0)	-29.7 (-58.2-30.2)	0 (0-0)	-21.1 (-26.8--14.7)
Akita	0 (0-0)	0 (0-0)	0 (0-0)	-0.5 (-4.2-3.4)	0 (0-0)	-1.1 (-14.6-14.4)	0 (0-0)	-12.1 (-32.6-12.9)	0 (0-0)	-36.8 (-68.4-21.6)	0 (0-0)	-34.2 (-39.2--28.6)
Aomori	0 (0-0)	0 (0-0)	0 (0-0)	-0.5 (-4.1-3.3)	0 (0-0)	0.8 (-11.3-18.9)	0 (0-0)	-8.8 (-28-16.9)	0 (0-0)	-32.5 (-65.6-30.6)	0 (0-0)	-32.1 (-36.8--26.2)
Chiba	0 (0-0)	0 (0-0)	0 (0-0)	-0.9 (-4.3-2.6)	0 (0-0)	-0.6 (-14.1-14.5)	0 (0-0)	-11.7 (-32.7-15.6)	0 (0-0)	-34 (-64.3-24.3)	0 (0-0)	-25.5 (-31.2--19)
Ehime	0 (0-0)	0 (0-0)	0 (0-0)	-1 (-4.8-2.1)	0 (0-0)	1.7 (-14.1-17.2)	0 (0-0)	-10.2 (-31.1-16)	0 (0-0)	-30.3 (-61.8-27.4)	0 (0-0)	-24.5 (-30.7--18.3)
Fukui	0 (0-0)	0 (0-0)	0 (0-0)	-0.2 (-4-3.5)	0 (0-0)	-0.7 (-14.9-14.7)	0 (0-0)	-8 (-28.8-22)	0 (0-0)	-30.2 (-62.3-28.2)	0 (0-0)	-26.3 (-32.2--20.1)
Fukuoka	0 (0-0)	0 (0-0)	0 (0-0)	-1 (-5-3.2)	0 (0-0)	2.5 (-11.7-18.6)	0 (0-0)	-14.4 (-34.8-10.1)	0 (0-0)	-28.8 (-64.8-32.1)	0 (0-0)	-15.2 (-22.3--8.3)
Fukushima	0 (0-0)	-0.1 (0-0)	0 (0-0)	-0.7 (-4.1-3.3)	0 (0-0)	-1 (-14.6-13)	0 (0-0)	-14.2 (-32.2-11)	0 (0-0)	-32 (-62.7-27.1)	0 (0-0)	-33.4 (-38--28.3)
Gifu	0 (0-0)	0 (0-0)	0 (0-0)	-1 (-4.9-3.1)	0 (0-0)	0.4 (-14.9-16.9)	0 (0-0)	-8.8 (-33.6-19.5)	0 (0-0)	-30.5 (-64.7-25.3)	0 (0-0)	-24.9 (-31.4--18.2)
Gunma	0 (0-0)	0 (0-0)	0 (0-0)	-1 (-5-2.9)	0 (0-0)	-1.1 (-16.7-13.3)	0 (0-0)	-9.5 (-30.2-17.4)	0 (0-0)	-33.7 (-63.9-33.9)	0 (0-0)	-28.6 (-35.1--22.7)
Hiroshima	0 (0-0)	0 (0-0)	0 (0-0)	-1.2 (-5.1-2.5)	0 (0-0)	1.7 (-13.4-19)	0 (0-0)	-11.7 (-32.7-15.1)	0 (0-0)	-32.2 (-64.1-30.3)	0 (0-0)	-19.7 (-26.5--12.9)
Hokkaidō	0 (0-0)	0 (0-0)	0 (0-0)	-1.1 (-5-2.9)	0 (0-0)	1.4 (-12.7-17.1)	0 (0-0)	-13.2 (-35.3-18)	0 (0-0)	-34.5 (-67.8-32)	0 (0-0)	-26.9 (-33--20.5)
Hyōgo	0 (0-0)	0 (0-0)	0 (0-0)	-0.7 (-4.2-3.4)	0 (0-0)	1.3 (-12-16.6)	0 (0-0)	-9.4 (-28.3-17.1)	0 (0-0)	-29.6 (-62.6-31.3)	0 (0-0)	-23.4 (-29.3--16.7)
Ibaraki	0 (0-0)	0 (0-0)	0 (0-0)	-1 (-4.7-3)	0 (0-0)	0.3 (-13.4-17.9)	0 (0-0)	-11.7 (-34.5-17.5)	0 (0-0)	-35.7 (-66.7-22)	0 (0-0)	-28.2 (-33.5--21.8)
Ishikawa	0 (0-0)	0 (0-0)	0 (0-0)	-0.6 (-4-3.5)	0 (0-0)	0 (-14.2-16.8)	0 (0-0)	-9.1 (-29.7-19.7)	0 (0-0)	-31.1 (-62.5-29.8)	0 (0-0)	-23.3 (-29.5--16.2)
Iwate	0 (0-0)	0.1 (0-0)	0 (0-0)	-0.8 (-4.9-2.8)	0 (0-0)	1.6 (-14.1-17.9)	0 (0-0)	-9.7 (-33.7-16.1)	0 (0-0)	-29.3 (-65.5-37.7)	0 (0-0)	-28.3 (-34.9--22.1)
Kagawa	0 (0-0)	0 (0-0)	0 (0-0)	-0.9 (-5-3.1)	0 (0-0)	1.7 (-12.9-16.7)	0 (0-0)	-8.8 (-29.6-17.6)	0 (0-0)	-33.3 (-65.2-31.5)	0 (0-0)	-24.7 (-31--18.3)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Kagoshima	0 (0-0)	0 (0-0)	0 (0-0)	-0.8 (-4.7-3.1)	0 (0-0)	3.2 (-11.8-18.9)	0 (0-0)	-12.4 (-32.7-12.2)	0 (0-0)	-27.2 (-62.5-37.2)	0 (0-0)	-17.7 (-24.3--11.5)
Kanagawa	0 (0-0)	0 (0-0)	0 (0-0)	-1.5 (-5.6-2.3)	0 (0-0)	-0.1 (-15.9-17.4)	0 (0-0)	-10.6 (-32.1-15.4)	0 (0-0)	-25.9 (-58.7-27.4)	0 (0-0)	-22.5 (-29.7--15.1)
Kōchi	0 (0-0)	0.1 (0-0)	0 (0-0)	-0.7 (-4.5-2.6)	0 (0-0)	0.4 (-13-16.6)	0 (0-0)	-11.3 (-31.5-16.6)	0 (0-0)	-33.3 (-66.2-24.7)	0 (0-0)	-24.2 (-30.1--18.3)
Kumamoto	0 (0-0)	0 (0-0)	0 (0-0)	-1.1 (-4.9-2.9)	0 (0-0)	2.5 (-12-16.8)	0 (0-0)	-10.9 (-30.3-12.2)	0 (0-0)	-29.5 (-64.4-24)	0 (0-0)	-15.6 (-22.2--9.5)
Kyōto	0 (0-0)	0 (0-0)	0 (0-0)	-0.5 (-4.2-2.9)	0 (0-0)	0.5 (-15.9-16.6)	0 (0-0)	-12.3 (-32.5-14.8)	0 (0-0)	-29.7 (-64-29.8)	0 (0-0)	-21.8 (-28.9--14.9)
Mie	0 (0-0)	0.3 (0-0)	0 (0-0)	-0.7 (-4.3-2.7)	0 (0-0)	1.3 (-13-15.4)	0 (0-0)	-8.9 (-29.3-16.3)	0 (0-0)	-28.3 (-61-33.6)	0 (0-0)	-25.3 (-31.6--19.1)
Miyagi	0 (0-0)	0 (0-0)	0 (0-0)	-1.3 (-5.1-2.3)	0 (0-0)	1.9 (-12-18.3)	0 (0-0)	-15.7 (-35.8-8.8)	0 (0-0)	-32.6 (-64.2-28.7)	0 (0-0)	-25.7 (-31.8--19.3)
Miyazaki	0 (0-0)	0 (0-0)	0 (0-0)	-1 (-5-2.9)	0 (0-0)	2.6 (-10.9-18.6)	0 (0-0)	-8.4 (-30.9-20.8)	0 (0-0)	-34 (-65.5-44.4)	0 (0-0)	-21.4 (-27.7--15)
Nagano	0 (0-0)	0 (0-0)	0 (0-0)	-0.9 (-4.8-2.7)	0 (0-0)	-1.6 (-15.4-14.1)	0 (0-0)	-8.1 (-29.3-15.9)	0 (0-0)	-28.5 (-64.7-23.6)	0 (0-0)	-26.6 (-32.5--20.6)
Nagasaki	0 (0-0)	0 (0-0)	0 (0-0)	-0.4 (-4.4-3.7)	0 (0-0)	2.6 (-12.9-18.6)	0 (0-0)	-8.2 (-29.7-19.1)	0 (0-0)	-29.5 (-64.3-34.9)	0 (0-0)	-23.1 (-29.2--16.5)
Nara	0 (0-0)	0 (0-0)	0 (0-0)	-1.4 (-5.4-2.7)	0 (0-0)	1.4 (-13.7-18.6)	0 (0-0)	-8 (-27.5-19.7)	0 (0-0)	-35.4 (-64.3-13)	0 (0-0)	-26.3 (-32.8--19.9)
Niigata	0 (0-0)	0 (0-0)	0 (0-0)	-0.6 (-4-2.8)	0 (0-0)	1.3 (-12.8-18.4)	0 (0-0)	-10.4 (-30.7-16.7)	0 (0-0)	-29 (-63-44.1)	0 (0-0)	-25.7 (-31.6--19)
Ōita	0 (0-0)	0 (0-0)	0 (0-0)	-0.9 (-4.7-2.9)	0 (0-0)	0.8 (-13.8-19.2)	0 (0-0)	-13.1 (-33.8-16.7)	0 (0-0)	-35.4 (-66-33.2)	0 (0-0)	-20.9 (-27.3--13.6)
Okayama	0 (0-0)	0.1 (0-0)	0 (0-0)	-0.8 (-4.8-3.2)	0 (0-0)	1 (-13-16.4)	0 (0-0)	-10.6 (-30.3-18.5)	0 (0-0)	-32.2 (-64.7-32.7)	0 (0-0)	-20.6 (-26.7--13.7)
Okinawa	0 (0-0)	0 (0-0)	0 (0-0)	-1.3 (-4.4-2.3)	0 (0-0)	2.1 (-10.2-18.8)	0 (0-0)	-9.9 (-28.4-18.2)	0 (0-0)	-20 (-57-62.2)	0 (0-0)	-16.9 (-22.4--10)
Ōsaka	0 (0-0)	0 (0-0)	0 (0-0)	-0.8 (-4.9-3.1)	0 (0-0)	0.2 (-14.1-17.8)	0 (0-0)	-11.5 (-32.3-17.4)	0 (0-0)	-29.6 (-62.8-29.1)	0 (0-0)	-23.8 (-30.5--16.4)
Saga	0 (0-0)	0 (0-0)	0 (0-0)	-0.9 (-4.8-3.1)	0 (0-0)	2.8 (-11.2-17.4)	0 (0-0)	-10 (-30.8-13.8)	0 (0-0)	-33.5 (-64-29.1)	0 (0-0)	-21.3 (-27.4--15)
Saitama	0 (0-0)	0 (0-0)	0 (0-0)	-1.1 (-4.9-2.8)	0 (0-0)	-0.4 (-13.2-13.7)	0 (0-0)	-13.2 (-31.7-11.2)	0 (0-0)	-37.2 (-62.5-11.4)	0 (0-0)	-25.1 (-30.8--18.5)
Shiga	0 (0-0)	0 (0-0)	0 (0-0)	-1.1 (-4.8-3.3)	0 (0-0)	0.5 (-12.8-16.3)	0 (0-0)	-11.7 (-31.3-13.2)	0 (0-0)	-29.4 (-60.6-26.1)	0 (0-0)	-22.8 (-28.9--15.8)
Shimane	0 (0-0)	0 (0-0)	0 (0-0)	-0.7 (-4.2-3)	0 (0-0)	2.2 (-10.8-17.7)	0 (0-0)	-9.9 (-28.4-18.8)	0 (0-0)	-36 (-66.9-34.8)	0 (0-0)	-18 (-23.7--10.8)
Shizuoka	0 (0-0)	0 (0-0)	0 (0-0)	-1.1 (-4.6-2.6)	0 (0-0)	0.7 (-12.2-17.2)	0 (0-0)	-10.2 (-30.4-18.7)	0 (0-0)	-33.9 (-64.3-25)	0 (0-0)	-24.6 (-30.2--18.2)
Tochigi	0 (0-0)	0 (0-0)	0 (0-0)	-1.5 (-5.2-2.7)	0 (0-0)	1 (-12-16.2)	0 (0-0)	-12.4 (-31.5-11.4)	0 (0-0)	-32.9 (-66.3-18.1)	0 (0-0)	-24.8 (-30.6--18.9)
Tokushima	0 (0-0)	-0.1 (0-0)	0 (0-0)	-1.4 (-5.1-2.7)	0 (0-0)	0.8 (-14.1-16.8)	0 (0-0)	-11.9 (-32-12.7)	0 (0-0)	-33.4 (-62.1-17.7)	0 (0-0)	-23.7 (-29.7--17.8)
Tōkyō	0 (0-0)	0 (0-0)	0 (0-0)	-1 (-4.8-2.6)	0 (0-0)	1.2 (-12.6-18.1)	0 (0-0)	-17.8 (-37.5-6.8)	0 (0-0)	-21.3 (-56.2-39.6)	0 (0-0)	-7.2 (-15.2-1.5)
Tottori	0 (0-0)	0 (0-0)	0 (0-0)	-0.9 (-4-3.1)	0 (0-0)	3 (-9-21.2)	0 (0-0)	-8.1 (-27.1-15)	0 (0-0)	-31.1 (-62.2-24.7)	0 (0-0)	-18.2 (-23.7--11.3)
Toyama	0 (0-0)	0 (0-0)	0 (0-0)	-1.7 (-5.5-2.6)	0 (0-0)	0.7 (-13.9-15.5)	0 (0-0)	-9.9 (-30.8-16.1)	0 (0-0)	-34.2 (-65.2-21.6)	0 (0-0)	-24.5 (-30.4--18.4)
Wakayama	0 (0-0)	0 (0-0)	0 (0-0)	-0.8 (-4.5-3.3)	0 (0-0)	2.5 (-11-19)	0 (0-0)	-7.2 (-27.4-18.3)	0 (0-0)	-27 (-61.5-35)	0 (0-0)	-24.6 (-30--18.3)
Yamagata	0 (0-0)	0 (0-0)	0 (0-0)	-0.8 (-4.3-3.4)	0 (0-0)	0.6 (-12.8-16.7)	0 (0-0)	-7.2 (-28.3-20.2)	0 (0-0)	-30.4 (-63.6-33.4)	0 (0-0)	-27.3 (-32.7--20.5)
Yamaguchi	0 (0-0)	0 (0-0)	0 (0-0)	-1.2 (-5.3-2.8)	0 (0-0)	2.3 (-13.4-21.6)	0 (0-0)	-11.4 (-31.7-15.6)	0 (0-0)	-37 (-64.5-17.8)	0 (0-0)	-21.8 (-28.7--14.8)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Yamanashi	0 (0-0)	0 (0-0)	0 (0-0)	-0.2 (-4.2-3.5)	0 (0-0)	-1 (-15.5-15.1)	0 (0-0)	-3.8 (-25.8-26.5)	0 (0-0)	-26.1 (-61.3-46.8)	0 (0-0)	-30.4 (-36.6--24.5)
Republic of Korea	0 (0-0)	0 (0-0)	0 (0-0)	0.7 (-2.9-5)	0 (0-0)	-0.7 (-14.7-17.2)	0 (0-0)	-19.3 (-39-11)	0 (0-0)	-17.1 (-60.4-72.7)	0 (0-0)	-41.7 (-45.6--37)
Singapore	0 (0-0)	0 (0-0)	0 (0-0)	-3.4 (-7.2-0.8)	0 (0-0)	2.3 (-12.4-17.2)	0 (0-0)	-25.5 (-44--1.4)	0 (0-0)	-16.7 (-55.5-45.9)	0 (0-0)	-23.9 (-30.1--17.9)
High-income North America	3 (2.5-3.5)	-8.9 (-11--7.1)	2.8 (2.4-3.3)	-7.5 (-9.5--5.6)	2.5 (2.1-2.9)	-7.3 (-9.3--5.3)	2 (1.7-2.3)	-2.9 (-5--0.7)	0.3 (0.3-0.4)	-8.1 (-11.3--4.7)	1.5 (1.3-1.7)	-15.2 (-17--13.5)
Canada	0 (0-0)	-35.4 (-63.2-0)	0 (0-0)	-35.3 (-63.7-0.9)	0 (0-0)	-35.5 (-64.1-1.7)	0 (0-0)	-35 (-64-4)	0 (0-0)	-48.3 (-82.1--11.9)	0 (0-0)	-44.7 (-68.5--12.2)
Greenland	0 (0-0)	0 (0-0)	0 (0-0)	0.9 (-1.4-3.4)	0 (0-0)	-0.3 (-5.8-5.4)	0 (0-0)	10.7 (-1.2-24)	0 (0-0)	1.8 (-23-30)	0 (0-0)	-16.4 (-22.5--10.8)
United States of America	3.3 (2.8-3.8)	-7.3 (-9.3--5.4)	3.1 (2.6-3.6)	-6.4 (-8.5--4.6)	2.7 (2.3-3.2)	-7 (-8.9--5)	2.2 (1.9-2.5)	-3.1 (-5.3--0.9)	0.4 (0.3-0.5)	-6.7 (-10--3.4)	1.6 (1.4-1.9)	-14.8 (-16.6--13.1)
Alabama	6.8 (5.6-8.2)	-7 (-14.1-0.3)	6.4 (5.2-7.7)	-6.2 (-13.6-1.4)	5.6 (4.7-6.8)	-4.9 (-12.1-3.3)	4.2 (3.5-5.1)	-1.8 (-9.4-6.4)	0.6 (0.5-0.8)	-5.1 (-14-4.4)	3.2 (2.7-3.8)	-12.7 (-19.2--5.9)
Alaska	2 (1.4-2.7)	-8.5 (-20.5-5)	1.8 (1.3-2.5)	-6.5 (-18.1-7.4)	1.6 (1.2-2.1)	-4.4 (-16.9-10)	1.2 (0.9-1.6)	2.9 (-10.6-17.5)	0.1 (0.1-0.2)	-33.5 (-43--20.8)	0.9 (0.7-1.3)	-16.8 (-27.5--5)
Arizona	2.8 (2.2-3.4)	3.1 (-4.9-11.7)	2.6 (2-3.2)	3.6 (-4.5-12.2)	2.3 (1.8-2.9)	4.4 (-3.9-13.4)	1.8 (1.4-2.2)	6.5 (-2-15.7)	0.3 (0.2-0.4)	-1.5 (-11-9)	1.3 (1.1-1.7)	-6.8 (-14.1-1.2)
Arkansas	4.4 (3.4-5.5)	0.7 (-8.3-10.9)	4.1 (3.2-5.2)	1.4 (-7.5-11.8)	3.6 (2.9-4.6)	2.5 (-6.4-12.9)	2.7 (2.1-3.5)	5.1 (-3.5-15.4)	0.4 (0.3-0.5)	-1.3 (-9.5-9)	2.1 (1.6-2.6)	-4.7 (-12.4-4.9)
California	2 (1.6-2.4)	-6.8 (-14.9-1)	1.8 (1.5-2.2)	-6.2 (-14.5-1.4)	1.7 (1.4-2)	-5.5 (-13.4-1.7)	1.3 (1.1-1.6)	-4.1 (-12.5-3.2)	0.2 (0.2-0.3)	-11.5 (-20.5--3.8)	1 (0.8-1.2)	-16.5 (-23.6--10.2)
Colorado	1.3 (0.9-2)	-23.1 (-38.9--11.3)	1.3 (0.9-1.9)	-22.8 (-38.7--11)	1.1 (0.8-1.7)	-22 (-38.1--10.4)	0.9 (0.6-1.3)	-19.9 (-36--7.9)	0.1 (0.1-0.2)	-30.8 (-44.7--20)	0.7 (0.5-1)	-31 (-45--20.7)
Connecticut	3.1 (2.4-4)	-16.4 (-24.6--8.5)	2.9 (2.3-3.8)	-16.1 (-24.4--7.9)	2.7 (2.1-3.5)	-15.6 (-23.9--7.4)	2.1 (1.6-2.7)	-12.1 (-20.5--3.4)	0.4 (0.2-0.5)	-14.7 (-23.2--5.1)	1.5 (1.2-1.9)	-24.9 (-31.9--18.2)
Delaware	10.3 (8.2-12.9)	-5.7 (-13.5-1.5)	9.7 (7.8-12.1)	-5 (-12.8-2.3)	8.7 (7-10.9)	-4 (-11.6-3)	6.6 (5.3-8.2)	-0.4 (-8.5-7.4)	0.9 (0.7-1.2)	-8.2 (-16.1-0.7)	4.8 (3.9-5.9)	-15.3 (-22--8.9)
District of Columbia	16 (12.3-20.8)	0.4 (-12.6-13.8)	14.5 (11.1-18.9)	2.7 (-10.3-16.5)	12.4 (9.5-16.1)	5 (-8.2-18.6)	8 (6.1-10.3)	-0.3 (-13-12.4)	0.7 (0.5-1)	7 (-8.7-22.4)	6.7 (5.2-8.6)	-1.6 (-13.7-10.8)
Florida	6.9 (6.1-7.7)	-10 (-16.6--3.4)	6.5 (5.8-7.3)	-9.2 (-16.1--2.6)	5.8 (5.2-6.6)	-7.9 (-14.7--1.6)	4.5 (4-5.1)	-4.7 (-11.7-2.1)	0.8 (0.6-1)	1.4 (-6.3-10.1)	3.2 (2.9-3.6)	-14.4 (-20.3--8.4)
Georgia	4.8 (4.2-5.6)	-6.1 (-13.1-1.1)	4.5 (3.9-5.2)	-5.5 (-12.5-1.8)	4 (3.5-4.7)	-4.3 (-11.6-2.9)	3.1 (2.7-3.6)	-1.3 (-9-5.7)	0.6 (0.4-0.7)	-7 (-15.1-2.2)	2.4 (2.1-2.8)	-13.9 (-20.7--7.9)
Hawaii	0.1 (0-0.2)	-2.1 (0-0)	0 (0-0.1)	-1.4 (-0.2-1.3)	0 (0-0.1)	-0.5 (-0.3-2.8)	0 (0-0.1)	1.7 (-0.2-6)	0 (0-0)	-11.2 (-20.7--2.8)	0 (0-0.1)	-11.8 (-13.2--8.2)
Idaho	0.6 (0.4-1)	-2.7 (-20.5-40.3)	0.6 (0.3-0.9)	-1.6 (-20-41.5)	0.5 (0.3-0.8)	0.4 (-18.3-46.1)	0.4 (0.2-0.6)	2.4 (-16.4-53.6)	0 (0-0.1)	-15.3 (-34.4-20)	0.3 (0.2-0.5)	-9.3 (-25.8-36.3)
Illinois	1.9 (1.5-2.4)	-29.3 (-36--22.1)	1.8 (1.4-2.2)	-28.8 (-35.6--21.6)	1.6 (1.3-2)	-27.8 (-34.8--20.8)	1.3 (1-1.6)	-25.4 (-32.5--18)	0.2 (0.2-0.3)	-22.9 (-30.5--13.7)	1 (0.8-1.2)	-34.6 (-40.8--28.6)
Indiana	2.4 (1.9-3)	-11.4 (-19.5--4.2)	2.3 (1.8-2.9)	-11 (-19.2--3.6)	2 (1.6-2.5)	-9.9 (-18.1--2.3)	1.6 (1.2-2)	-6.9 (-15.2-1.2)	0.2 (0.2-0.3)	-11.6 (-21.2--1.3)	1.2 (1-1.5)	-17.6 (-25--10.8)
Iowa	2.1 (1.5-3)	-16.3 (-25.4--7)	2 (1.4-2.9)	-15.8 (-24.9--6)	1.8 (1.3-2.6)	-14.8 (-23.7--5.1)	1.4 (1-2)	-12.2 (-21.7--2.2)	0.2 (0.1-0.3)	-18.2 (-29.1--7.8)	1 (0.7-1.5)	-21.2 (-29.7--12.3)
Kansas	1.3 (0.8-2.1)	-56.5 (-65.3--47.9)	1.2 (0.8-2)	-56.1 (-65--47.5)	1.1 (0.7-1.8)	-55.4 (-64.3--46.5)	0.9 (0.6-1.4)	-53.6 (-62.9--44.7)	0.1 (0.1-0.2)	-49.7 (-59.2--39.8)	0.7 (0.4-1)	-58.3 (-66.5--50.1)
Kentucky	0.7 (0.5-0.9)	1.9 (-15.3-40.7)	0.6 (0.4-0.9)	2.5 (-14.5-42.2)	0.6 (0.4-0.8)	3.6 (-13.4-44.3)	0.4 (0.3-0.6)	6.6 (-10.9-51)	0 (0-0.1)	-4.6 (-18.9-55.4)	0.3 (0.2-0.4)	-6.3 (-21.5-32.7)
Louisiana	4.7 (3.9-5.6)	-16.7 (-23.2--10.6)	4.4 (3.6-5.2)	-15.9 (-21.9--9.7)	3.9 (3.2-4.6)	-13.9 (-19.8--7.3)	2.9 (2.4-3.4)	-10.9 (-16.9--4.1)	0.4 (0.3-0.5)	-11.7 (-21--1.3)	2.2 (1.9-2.7)	-21.4 (-26.5--15.4)
Maine	0 (0-0.1)	-8.9 (-80-0)	0 (0-0.1)	-8.4 (-79.6-0.9)	0 (0-0.1)	-7.6 (-79-2.4)	0 (0-0.1)	-4.4 (-77.1-7.4)	0 (0-0)	-17.2 (-69.2-0)	0 (0-0.1)	-22.1 (-81.5--12.6)
Maryland	7.4 (6.3-8.7)	-6.3 (-13.9-1.6)	7 (5.9-8.2)	-5.7 (-13.6-2.4)	6.3 (5.4-7.5)	-4.7 (-12.5-2.9)	4.9 (4.2-5.8)	-1 (-8.5-6.5)	0.9 (0.7-1.1)	-8.2 (-15--0.3)	3.8 (3.2-4.4)	-13.6 (-19.8--7.1)
Massachusetts	3.2 (2.5-4.1)	10.4 (1.7-18.9)	3.1 (2.4-3.9)	10.6 (1.9-19.2)	2.8 (2.2-3.6)	11 (2.7-19.9)	2.2 (1.8-2.9)	13.5 (5.2-23.1)	0.4 (0.3-0.5)	4.6 (-5.3-15.4)	1.6 (1.3-2.1)	-1.3 (-8.4-6.5)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Michigan	3.4 (2.8-4)	-11.2 (-17.9--3)	3.2 (2.7-3.8)	-10.6 (-17.1--2.6)	2.9 (2.4-3.4)	-9.4 (-16--1.6)	2.2 (1.9-2.6)	-5.9 (-12.6-2)	0.3 (0.2-0.4)	-13.5 (-20.7--5.8)	1.6 (1.3-1.9)	-21.1 (-26.6--14.8)
Minnesota	0.9 (0.6-1.3)	2.5 (-22.4-41.3)	0.8 (0.6-1.3)	2.7 (-22.6-42.2)	0.8 (0.5-1.2)	3.3 (-21.8-43.8)	0.6 (0.4-0.9)	5.6 (-19.7-48.4)	0.1 (0.1-0.2)	-1.9 (-21.8-43.2)	0.5 (0.3-0.7)	-7.4 (-29.8-28.9)
Mississippi	6.9 (5.5-8.7)	-24.3 (-31.7--16.5)	6.4 (5.1-8)	-23.3 (-31--14.9)	5.6 (4.4-7)	-21.1 (-29.3--12.1)	4 (3.2-5.1)	-18.3 (-26.4--9.4)	0.5 (0.4-0.7)	-16.3 (-25.2--6)	3.1 (2.5-3.9)	-28.6 (-35.6--21)
Missouri	2.6 (2-3.3)	-11.4 (-20.6--0.8)	2.5 (1.9-3.1)	-10.7 (-19.9--0.6)	2.2 (1.7-2.8)	-9.5 (-18.7--0.1)	1.7 (1.3-2.1)	-6.2 (-15.6-3.9)	0.2 (0.2-0.3)	-8.9 (-19.1-2.4)	1.2 (1-1.6)	-17.5 (-25.6--9.3)
Montana	0 (0-0.1)	-10.7 (-84.1-0)	0 (0-0.1)	-10.3 (-83.9-1.2)	0 (0-0.1)	-9.2 (-83.5-3.3)	0 (0-0.1)	-5.8 (-82.6-9.1)	0 (0-0)	-22.3 (-80.2--4.9)	0 (0-0.1)	-19.7 (-85--7.7)
Nebraska	1 (0.6-1.7)	2.9 (-24.2-49.5)	1 (0.6-1.6)	3 (-24.2-50.2)	0.9 (0.5-1.5)	3.7 (-24-51.4)	0.7 (0.4-1.1)	6.3 (-21.5-54.8)	0.1 (0.1-0.2)	0.2 (-21-54)	0.5 (0.3-0.9)	-3.3 (-28.6-41.5)
Nevada	5 (4-6.3)	0.9 (-6.1-9.4)	4.7 (3.8-5.9)	1.3 (-5.7-9.8)	4.2 (3.4-5.3)	2 (-5.5-10.3)	3.2 (2.6-4.1)	4.6 (-3.7-12.8)	0.5 (0.4-0.7)	-7.1 (-15-2.4)	2.5 (2-3.1)	-7.4 (-14.4-0.1)
New Hampshire	0.3 (0.2-0.6)	-4.1 (-42.7--0.1)	0.3 (0.2-0.6)	-3.9 (-42.7-1.1)	0.3 (0.1-0.5)	-2.4 (-41.9-5)	0.2 (0.1-0.4)	3.3 (-39.4-12.9)	0 (0-0)	-17 (-48.9-1.1)	0.1 (0.1-0.3)	-19.1 (-52.5--12.6)
New Jersey	4.2 (3.5-5)	-3.7 (-11.1-4.3)	4 (3.4-4.7)	-3.2 (-10.4-4.8)	3.6 (3-4.3)	-2.4 (-9.4-5.6)	2.8 (2.4-3.4)	0.7 (-6.5-9)	0.5 (0.4-0.6)	-1.8 (-10.7-7.6)	2.1 (1.8-2.5)	-11.5 (-17.8--4.7)
New Mexico	0.3 (0.1-0.5)	9.1 (0-208)	0.3 (0.1-0.5)	10.8 (0.3-210)	0.2 (0.1-0.4)	12.3 (0.5-211)	0.2 (0.1-0.3)	18.3 (3.9-215)	0 (0-0)	-7.5 (-26.3-122)	0.1 (0.1-0.2)	-2.2 (-13.1-161)
New York	5.1 (4.6-5.8)	2.7 (-3.4-9.7)	4.9 (4.4-5.5)	3.1 (-3-9.7)	4.5 (4-5)	3.6 (-2.7-10.3)	3.6 (3.2-4)	5.5 (-0.9-12)	0.8 (0.6-0.9)	-0.7 (-7.2-7.5)	2.7 (2.5-3)	-6.2 (-11.7--0.5)
North Carolina	4.7 (4-5.5)	-8.5 (-14.7--1.4)	4.4 (3.8-5.2)	-8 (-14.1--1.1)	4 (3.4-4.6)	-7 (-13.1-0)	3.1 (2.6-3.6)	-4.4 (-10.4-2.2)	0.5 (0.4-0.7)	-9.5 (-16.2--1.2)	2.3 (2-2.7)	-15.7 (-21--9.8)
North Dakota	0 (0-0.1)	-17.4 (-87-0)	0 (0-0.1)	-16.8 (-86.7-1.2)	0 (0-0.1)	-15.5 (-86.2-3.4)	0 (0-0.1)	-13.4 (-85.3-7.6)	0 (0-0)	-16.1 (-83.1-8.1)	0 (0-0.1)	-19.8 (-86.6--1)
Ohio	2.2 (1.8-2.7)	6.8 (-0.2-16)	2 (1.7-2.5)	7.2 (0.1-16.3)	1.9 (1.5-2.3)	8 (0.6-17.6)	1.4 (1.2-1.8)	11.3 (3.5-21.1)	0.2 (0.2-0.3)	1.7 (-7.6-14.1)	1 (0.9-1.3)	-3.4 (-10.1-5.1)
Oklahoma	1.1 (0.6-1.8)	-59.8 (-75.3--48.2)	1 (0.6-1.7)	-59.5 (-75.1--47.8)	0.9 (0.5-1.5)	-58.9 (-74.6--47.1)	0.6 (0.4-1.1)	-57.8 (-73.9--45.2)	0.1 (0-0.1)	-61.2 (-74.7--46)	0.5 (0.3-0.8)	-61.7 (-76.4--50.2)
Oregon	0.3 (0.2-0.5)	14.6 (-6.4-194)	0.3 (0.2-0.5)	16 (-5.8-195)	0.3 (0.1-0.5)	17.9 (-4.7-200)	0.2 (0.1-0.3)	19.3 (-4.6-205)	0 (0-0)	-3.7 (-28.1-142)	0.1 (0.1-0.2)	2.1 (-18.5-160)
Pennsylvania	2.8 (2.2-3.3)	-3.3 (-11.3-4.4)	2.6 (2.1-3.2)	-2.8 (-10.8-5.1)	2.4 (1.9-2.9)	-1.9 (-9.8-6.1)	1.8 (1.5-2.2)	1.9 (-6.2-10.8)	0.3 (0.2-0.4)	-0.7 (-11.5-10)	1.3 (1.1-1.6)	-10.3 (-17.3--2.5)
Rhode Island	2.4 (1.9-3.1)	-10.1 (-22.4-1.3)	2.3 (1.8-3)	-10.5 (-22.6-0.8)	2.1 (1.6-2.8)	-10.4 (-22.6-0.9)	1.8 (1.4-2.3)	-8.3 (-20.5-2.6)	0.4 (0.3-0.5)	-4 (-15.1-6.2)	1.3 (1-1.6)	-19 (-29.7--8.9)
South Carolina	5.3 (4.5-6.3)	-24.2 (-30.1--17.3)	5 (4.2-5.8)	-23.5 (-29.6--16.7)	4.4 (3.8-5.2)	-21.6 (-28--15.1)	3.3 (2.9-3.9)	-18 (-24.2--11.5)	0.5 (0.4-0.6)	-19.3 (-27.6--10.2)	2.5 (2.1-2.9)	-29 (-34.3--23.4)
South Dakota	0 (0-0.1)	-20.6 (-87-0)	0 (0-0.1)	-20 (-86.8-1.2)	0 (0-0.1)	-18.8 (-86.5-3.3)	0 (0-0.1)	-16.5 (-85.7-7.5)	0 (0-0)	-19.7 (-86.1-8.8)	0 (0-0.1)	-25 (-87.3--3.9)
Tennessee	4.7 (3.9-5.5)	-16.5 (-23.4--10)	4.3 (3.6-5.2)	-15.7 (-22.5--9.2)	3.9 (3.2-4.6)	-14.1 (-20.5--7.8)	2.9 (2.4-3.5)	-10.4 (-17.5--3.6)	0.4 (0.3-0.6)	-12.2 (-20.4--4.1)	2.2 (1.8-2.6)	-21 (-27--15.1)
Texas	2.7 (2.2-3.1)	2.3 (-4.5-8.7)	2.5 (2.1-2.9)	2.5 (-4.2-9)	2.3 (2-2.7)	3 (-3.8-9.6)	1.8 (1.6-2.1)	5.1 (-2-11.9)	0.3 (0.3-0.5)	0.8 (-9.1-10.5)	1.5 (1.3-1.7)	-5.1 (-11.4-0.6)
Utah	0.1 (0-0.3)	-17.7 (-69.5-0)	0.1 (0-0.2)	-17.4 (-69.2-0.9)	0.1 (0-0.2)	-16.5 (-68.5-2.8)	0.1 (0-0.2)	-16.4 (-68-4.2)	0 (0-0)	-20.3 (-67.9-4.3)	0.1 (0-0.1)	-22.9 (-70.7--4.5)
Vermont	0 (0-0.1)	-8.1 (-74.3-0)	0 (0-0.1)	-7.7 (-73.6-1)	0 (0-0.1)	-6.8 (-72.7-2.6)	0 (0-0.1)	-3.3 (-70.8-7.6)	0 (0-0)	-18.9 (-69.3--4)	0 (0-0.1)	-21.3 (-76.1--12.7)
Virginia	4.1 (3.4-5.1)	-8.2 (-16.1--0.6)	3.9 (3.2-4.8)	-7.7 (-15.5-0.3)	3.5 (2.9-4.3)	-6.5 (-14.5-1.8)	2.8 (2.3-3.4)	-3.5 (-12.2-5.1)	0.5 (0.4-0.6)	-9.3 (-18.2--0.1)	2.1 (1.7-2.6)	-15 (-22.2--7.5)
Washington	2 (1.4-2.7)	-24.3 (-32.8--14.2)	1.9 (1.4-2.5)	-23.9 (-32.4--13.5)	1.7 (1.2-2.3)	-23.1 (-31.7--12.8)	1.3 (1-1.8)	-20.9 (-29.7--10.2)	0.2 (0.1-0.3)	-29.9 (-38.5--19.9)	1 (0.7-1.4)	-31.2 (-38.7--22.5)
West Virginia	0.3 (0.1-0.5)	6.8 (-11.6-202)	0.3 (0.1-0.5)	6.5 (-11.8-204)	0.2 (0.1-0.5)	7.3 (-10.7-210)	0.2 (0.1-0.3)	7.5 (-9.9-207)	0 (0-0.1)	-5 (-23.9-183)	0.1 (0.1-0.2)	-5.3 (-20.9-174)
Wisconsin	1.7 (1.2-2.3)	-30.5 (-41.7--16.9)	1.6 (1.1-2.2)	-30.1 (-41.2--16.2)	1.4 (1-2)	-29.1 (-40.5--14.9)	1.1 (0.8-1.5)	-26.6 (-38.4--12.4)	0.2 (0.1-0.2)	-28.3 (-38.9--15.7)	0.8 (0.6-1.1)	-36.7 (-46.8--24.5)
Wyoming	0 (0-0.1)	-2 (-0.1-0)	0 (0-0.1)	-1.7 (-0.6-1)	0 (0-0.1)	-0.6 (-1.1-3.1)	0 (0-0.1)	2.4 (-0.6-8)	0 (0-0)	-16.1 (-28--6.6)	0 (0-0.1)	-10.1 (-12.2--5.7)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Southern Latin America	0 (0-0)	23.5 (0.1-80.6)	0 (0-0)	23.8 (-1.9-85.9)	0 (0-0)	32.7 (-2.5-112)	0 (0-0)	29.7 (-14.8-138)	0 (0-0)	102 (-10.3-480)	0 (0-0)	0.3 (-22.8-53)
Argentina	0 (0-0)	0.2 (0-0.2)	0 (0-0)	-1.1 (-5.8-3.1)	0 (0-0)	1.3 (-14.6-19.3)	0 (0-0)	-11.7 (-39.2-20.7)	0 (0-0)	-2.8 (-61.6-123)	0 (0-0)	-20.1 (-26.2--14)
Chile	0 (0-0.1)	111 (0.2-499)	0 (0-0)	112 (-0.7-488)	0 (0-0)	127 (0.6-516)	0 (0-0)	127 (-7.9-568)	0 (0-0)	149 (-17.3-1020)	0 (0-0)	62.3 (-25.6-346)
Uruguay	0 (0-0)	-0.2 (-0.3-0)	0 (0-0)	-0.1 (-5.1-4.9)	0 (0-0)	-1.1 (-17.3-17.6)	0 (0-0)	-7 (-32.9-28.9)	0 (0-0)	-3.8 (-56.4-110)	0 (0-0)	-18.9 (-25.2--11.9)
Western Europe	0.6 (0.5-0.8)	-16.1 (-19.9--12.2)	0.5 (0.4-0.6)	-11.8 (-15.4--8.1)	0.3 (0.2-0.3)	-2 (-6.1-1.9)	0.1 (0.1-0.1)	-1.3 (-5.2-2.8)	0 (0-0)	29.2 (21.6-37.3)	0.1 (0.1-0.1)	-11.8 (-15--8.6)
Andorra	0 (0-0)	0 (-0.1-0)	0 (0-0)	-0.4 (-4.4-3.6)	0 (0-0)	-5.8 (-20.1-8)	0 (0-0)	1.7 (-24.8-34)	0 (0-0)	12.7 (-45.2-129)	0 (0-0)	-35.5 (-41.5--29)
Austria	0.6 (0.4-0.8)	14.5 (-4.7-67.8)	0.4 (0.3-0.5)	15.1 (-3.8-65.5)	0.1 (0.1-0.2)	11.5 (-10.9-54.5)	0 (0-0)	14.1 (-22.9-71)	0 (0-0)	24.9 (-47.6-185)	0 (0-0)	2.4 (-16.2-42.8)
Belgium	0 (0-0.1)	0.7 (-16.2-32.2)	0 (0-0)	0.7 (-15.6-32.7)	0 (0-0)	0.6 (-17.3-33.9)	0 (0-0)	5.3 (-23.2-49.5)	0 (0-0)	-3.9 (-53.9-106)	0 (0-0)	-4.9 (-21.3-26)
Cyprus	0 (0-0)	0 (0-0.1)	0 (0-0)	2.1 (-2-6.6)	0 (0-0)	1.9 (-13-20.3)	0 (0-0)	-29.5 (-48.7--6.4)	0 (0-0)	-7.2 (-55.9-93.4)	0 (0-0)	-16.7 (-22.8--10.4)
Denmark	0 (0-0)	-3.2 (-51.6-0.1)	0 (0-0)	-1.4 (-49.8-6.2)	0 (0-0)	-8.7 (-51.4-11.2)	0 (0-0)	10.8 (-33.4-52.8)	0 (0-0)	-11.8 (-54.1-68.6)	0 (0-0)	-16.9 (-57.3--6.9)
Finland	0 (0-0)	0 (-0.1-0)	0 (0-0)	-0.8 (-4.5-3.1)	0 (0-0)	-2.3 (-16.7-13.8)	0 (0-0)	-1 (-24.9-31.7)	0 (0-0)	-28.3 (-66.7-62)	0 (0-0)	-18.6 (-25--11.8)
France	0.5 (0.4-0.7)	0.4 (-3.1-18.4)	0.3 (0.2-0.3)	-1.2 (-7.1-14.4)	0 (0-0)	0.2 (-16.5-22)	0 (0-0)	4.5 (-26.5-42)	0 (0-0)	-13.8 (-53-66.3)	0 (0-0)	-13 (-20--2.1)
Germany	0 (0-0.1)	-1.1 (-26.7-0.1)	0 (0-0)	-1.4 (-28.1-4.1)	0 (0-0)	1.3 (-29.3-19.7)	0 (0-0)	2.4 (-28.5-34.7)	0 (0-0)	1.4 (-51.6-93.5)	0 (0-0)	-7.1 (-32.7-1.8)
Greece	6.9 (5.1-9.2)	7.8 (-5.4-22)	4.4 (3.4-5.8)	8.3 (-4.5-21.6)	1.9 (1.4-2.4)	13.8 (-1-28)	0.6 (0.4-0.7)	4.6 (-7.8-16.5)	0 (0-0)	-2 (-18.3-15.8)	0.6 (0.5-0.8)	-5.1 (-15.1-5)
Iceland	0 (0-0)	0 (-0.1-0)	0 (0-0)	0.7 (-3.3-4.8)	0 (0-0)	-3.9 (-17.6-12.9)	0 (0-0)	-8.8 (-31.1-20.4)	0 (0-0)	-10.4 (-57.9-83.5)	0 (0-0)	-21.9 (-27.7--15.3)
Ireland	0 (0-0)	-7.2 (-45.4-0)	0 (0-0)	-8.4 (-46.2-3)	0 (0-0)	-4.6 (-46.9-18)	0 (0-0)	-23.8 (-64-8.7)	0 (0-0)	-25.8 (-83.4-86.5)	0 (0-0)	-18.7 (-53.2--4.6)
Israel	0 (0-0)	0 (0-0.1)	0 (0-0)	0.2 (-3.5-4)	0 (0-0)	1.4 (-14.2-17.2)	0 (0-0)	-7.2 (-33.8-21.9)	0 (0-0)	-17.1 (-59.1-63.7)	0 (0-0)	-2.2 (-9.1-4.1)
Italy	3.5 (2.6-4.8)	-1.8 (-6.3-3.2)	2.8 (2.1-3.8)	-1.5 (-5.8-3.1)	1.7 (1.3-2.3)	-1.4 (-5.6-2.9)	0.8 (0.6-1)	9 (4.4-14.4)	0.1 (0.1-0.1)	34.1 (26.3-42.7)	0.6 (0.5-0.8)	-7.1 (-10.8--3.1)
Abruzzo	0.2 (0.1-0.5)	-21.1 (-74.1-0.1)	0.2 (0.1-0.4)	-20.7 (-74-2.8)	0.1 (0-0.2)	-17.4 (-73.1-10.7)	0 (0-0.1)	-16.7 (-72.6-19.7)	0 (0-0)	12.3 (-65.1-84.9)	0 (0-0.1)	-27.5 (-76.1-0.4)
Basilicata	0.3 (0.1-0.8)	-13.8 (-70.1-47.9)	0.3 (0.1-0.7)	-12.4 (-69.4-50.6)	0.2 (0.1-0.4)	-10.6 (-67.1-50.9)	0.1 (0-0.2)	-11.6 (-67.3-54.2)	0 (0-0)	20.4 (-56.2-112)	0.1 (0-0.1)	-28.2 (-73.7-24.6)
Calabria	2.1 (1.2-3.5)	-6.6 (-16.3-6)	1.7 (0.9-2.8)	-5.8 (-15.8-7.4)	1 (0.6-1.7)	-3.1 (-13-10.8)	0.5 (0.3-0.7)	-0.6 (-13.5-15.7)	0.1 (0-0.1)	26.9 (4.2-55.3)	0.4 (0.2-0.6)	-18 (-26.9--5.9)
Campania	3.3 (2.3-4.8)	34.4 (17.5-58.7)	2.6 (1.8-3.8)	35.5 (19.1-57.3)	1.6 (1.1-2.2)	39.2 (22.5-62.2)	0.8 (0.5-1)	44.8 (25.5-69.3)	0.1 (0.1-0.1)	80.4 (51.4-120)	0.6 (0.5-0.9)	17.4 (2.8-36.2)
Emilia-Romagna	4.9 (3.6-7)	0.8 (-9.2-11.3)	3.9 (2.8-5.3)	0.5 (-9.5-12)	2.3 (1.7-3)	4 (-5.6-14.9)	0.9 (0.7-1.2)	13.3 (0.3-27.9)	0.1 (0.1-0.1)	47.6 (21.8-83.8)	0.8 (0.6-1)	6.4 (-3.8-16.9)
Friuli-Venezia Giulia	3.9 (2.4-6)	-5.6 (-16.7-8.2)	3.1 (1.9-4.7)	-6 (-16.8-7.4)	1.9 (1.2-2.8)	-4 (-14.6-9.2)	0.7 (0.4-1.1)	3.9 (-9.5-19.8)	0.1 (0-0.1)	29.6 (4.3-62.1)	0.6 (0.4-0.8)	-7.7 (-17.4-5.2)
Lazio	2 (1.3-3)	-13.8 (-24.8--3)	1.6 (1-2.4)	-13.7 (-24.1--3.3)	1 (0.7-1.5)	-11.9 (-22.3--2.7)	0.4 (0.3-0.6)	-8.1 (-21.6-4.8)	0.1 (0-0.1)	18.4 (-6.6-47.1)	0.3 (0.2-0.5)	-18.8 (-29.3--9.5)
Liguria	10.5 (7.9-14.5)	14.7 (1.7-30.4)	8.3 (6.3-11.1)	14.5 (2.5-28.9)	4.8 (3.7-6.1)	12.6 (1.7-24.9)	1.8 (1.4-2.3)	21.4 (9.6-34.3)	0.2 (0.1-0.3)	47.7 (27.4-72.7)	1.4 (1.1-1.8)	10.3 (0.4-21.8)
Lombardia	1.8 (1.2-2.6)	19 (5-52)	1.4 (1-2.1)	18.8 (5-50.9)	0.9 (0.6-1.3)	23.2 (8.7-52.2)	0.4 (0.3-0.5)	33.7 (15.9-63.4)	0 (0-0.1)	62.5 (27.5-109)	0.3 (0.2-0.5)	18.7 (4.9-45.7)
Marche	2.7 (1.6-4.5)	-13.4 (-23.7--4.8)	2.1 (1.2-3.5)	-13.4 (-22.8--3.5)	1.3 (0.8-2.1)	-11 (-19.7--0.7)	0.6 (0.3-0.9)	-6.5 (-18.5-6.6)	0.1 (0-0.1)	22.7 (-3.3-55.8)	0.4 (0.3-0.7)	-16.1 (-25.4--6.1)
Molise	0.1 (0-0.2)	-12.8 (-90.1-0)	0.1 (0-0.2)	-12.1 (-90.1-3.4)	0 (0-0.1)	-9 (-89.7-13.9)	0 (0-0)	-5.1 (-89.1-24.6)	0 (0-0)	29.2 (-85.3-92.5)	0 (0-0)	-23 (-91.2--3.7)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Piemonte	1.7 (1.1-2.6)	29.5 (10-69.8)	1.4 (0.9-2.1)	29.4 (8.6-67)	0.8 (0.5-1.2)	31.6 (12.7-67.5)	0.3 (0.2-0.5)	38.8 (15.8-77.5)	0 (0-0.1)	66.9 (26.9-129)	0.3 (0.2-0.4)	25 (6.7-58.6)
Provincia autonoma di Bolzano	1.2 (0.6-2.4)	-10.7 (-26.6-7.4)	1 (0.5-2)	-10.1 (-26-7.3)	0.6 (0.3-1.1)	-9 (-24.8-9.3)	0.2 (0.1-0.4)	-1.1 (-24.2-27)	0 (0-0.1)	35.5 (-12.7-101)	0.2 (0.1-0.4)	-17.3 (-32.3-1.4)
Provincia autonoma di Trento	0.7 (0.3-1.4)	-21.3 (-56.7-0)	0.6 (0.3-1.1)	-21.1 (-56.8-2.1)	0.3 (0.2-0.6)	-19.7 (-55.3-6.9)	0.1 (0.1-0.2)	-8.8 (-48.2-25.8)	0 (0-0)	11 (-37.7-70.8)	0.1 (0.1-0.2)	-24 (-57.5-1.8)
Puglia	0.3 (0.1-0.5)	-25.2 (-72.7-0.1)	0.2 (0.1-0.4)	-24.9 (-72.9-3)	0.1 (0.1-0.3)	-22.5 (-72.5-9.4)	0.1 (0-0.1)	-24.2 (-73.3-13)	0 (0-0)	-9 (-67.4-49.5)	0 (0-0.1)	-37.7 (-77.8--9.5)
Sardegna	0.4 (0.1-0.8)	-21.3 (-64.9-0)	0.3 (0.1-0.6)	-21.1 (-65.7-2.6)	0.2 (0.1-0.4)	-18.7 (-64.1-9.7)	0.1 (0-0.1)	-17.9 (-59.6-20.2)	0 (0-0)	1.9 (-49.9-66.3)	0.1 (0-0.1)	-35.4 (-69.7--9.4)
Sicilia	12.4 (10-15.6)	-11.9 (-21.9--1.3)	9.7 (7.9-12.2)	-11 (-20.5--1.2)	6.3 (5.2-7.6)	-7.6 (-15.9-1.8)	3.2 (2.6-3.8)	-2.8 (-10.7-5.7)	0.5 (0.4-0.6)	20.3 (9-33.1)	2.6 (2.1-3.1)	-18.8 (-25.3--11.8)
Toscana	1.2 (0.7-2)	2.6 (-21.2-44)	1 (0.6-1.6)	1.8 (-21.9-42.3)	0.6 (0.4-1)	1.4 (-22.2-41.1)	0.2 (0.1-0.4)	4.7 (-21.4-42.8)	0 (0-0.1)	32.4 (-4.1-86.9)	0.2 (0.1-0.3)	-1.6 (-24.6-32.3)
Umbria	3.3 (2.2-4.9)	1.9 (-14.8-20.6)	2.6 (1.7-3.8)	1.3 (-15-18.7)	1.5 (1-2.1)	0.8 (-14.9-16.9)	0.6 (0.4-0.8)	3.6 (-14.1-22.3)	0.1 (0-0.1)	29.5 (2.8-67.6)	0.5 (0.3-0.7)	-2.6 (-18.8-13.8)
Valle d'Aosta	1.6 (0.8-3)	-12 (-25.4-3.4)	1.2 (0.6-2.3)	-12.4 (-26.4-2.5)	0.7 (0.3-1.2)	-11 (-25.7-8.8)	0.2 (0.1-0.4)	1.2 (-21.8-31.6)	0 (0-0)	29.3 (-12.1-107)	0.2 (0.1-0.4)	-14.6 (-29.7-4.9)
Veneto	5.8 (4.4-7.5)	4.8 (-4.6-15.2)	4.7 (3.6-6)	5.1 (-3.4-15.1)	3.1 (2.4-3.8)	7.8 (-0.7-17.6)	1.4 (1.1-1.7)	17.5 (7.5-27.5)	0.2 (0.1-0.3)	44.9 (26.6-64.7)	1.1 (0.9-1.4)	1.3 (-6.8-9.9)
Luxembourg	0 (0-0)	0 (-0.2-0)	0 (0-0)	-0.1 (-4.1-3.5)	0 (0-0)	-1.4 (-15.8-14)	0 (0-0)	0.4 (-24.5-31)	0 (0-0)	9.3 (-43.9-123)	0 (0-0)	-19.3 (-25.6--12.9)
Malta	0 (0-0)	0 (0-0.5)	0 (0-0)	1.8 (-2.4-6)	0 (0-0)	4.6 (-10.7-23.9)	0 (0-0)	-20.7 (-40.4-7)	0 (0-0)	-40.5 (-67.8-26)	0 (0-0)	-20 (-26.5--12.9)
Monaco	0 (0-0)	-7.2 (-45.3-0)	0 (0-0)	-8.8 (-45.2-2.2)	0 (0-0)	-6.2 (-37.1-15.1)	0 (0-0)	18.7 (-23.8-65)	0 (0-0)	-8.5 (-73.8-118)	0 (0-0)	-6.2 (-40.9-8.3)
Netherlands	0 (0-0)	0 (0-0)	0 (0-0)	-0.1 (-3.8-3.3)	0 (0-0)	-1.6 (-16.4-14.3)	0 (0-0)	15.6 (-15.1-51.9)	0 (0-0)	-13.4 (-58.6-70.4)	0 (0-0)	-17.5 (-23.9--11.5)
Norway	0.2 (0-0.5)	-0.2 (-14.9-12.9)	0.1 (0-0.3)	-0.1 (-14.4-15.3)	0 (0-0.1)	-1.4 (-15.3-15.5)	0 (0-0)	2.4 (-15.9-24.4)	0 (0-0)	-2.3 (-31.4-35.2)	0 (0-0)	-18.1 (-29.3--5.9)
Agder	0.2 (0-0.6)	0.5 (0-0)	0.1 (0-0.3)	-0.3 (-6.7-6.9)	0 (0-0.1)	-1.2 (-22.5-25.7)	0 (0-0)	-0.9 (-34.9-50.8)	0 (0-0)	-4 (-61.7-142)	0 (0-0)	-20 (-28.7--10.1)
Innlandet	0.2 (0-0.5)	-0.2 (0-0)	0.1 (0-0.3)	0.2 (-5.6-7.2)	0 (0-0.1)	-2.5 (-23.4-22.4)	0 (0-0)	10.8 (-32-64.2)	0 (0-0)	-4.1 (-63.9-141)	0 (0-0)	-21.8 (-30.3--10.8)
Møre og Romsdal	0.2 (0-0.5)	-0.3 (0-0)	0.1 (0-0.3)	-0.4 (-8-6.7)	0 (0-0.1)	-1.4 (-22.9-20.1)	0 (0-0)	-0.1 (-37.4-56.7)	0 (0-0)	-8.9 (-64.4-150)	0 (0-0)	-21.6 (-31--11.1)
Nordland	0.2 (0-0.6)	1.7 (0-0)	0.1 (0-0.3)	1.9 (-5.7-7)	0 (0-0.1)	-0.1 (-19.7-24.7)	0 (0-0)	4.5 (-28.8-57.7)	0 (0-0)	-6.8 (-60.8-150)	0 (0-0)	-23.8 (-31.7--15)
Oslo	0.2 (0-0.5)	0.1 (0-0)	0.1 (0-0.3)	-1.3 (-7-4.8)	0 (0-0.1)	-0.4 (-21.8-27.3)	0 (0-0)	4 (-36.9-60.2)	0 (0-0)	5.8 (-60.1-153)	0 (0-0)	-5.2 (-14.6-6)
Rogaland	0.2 (0-0.5)	-1.5 (0-0)	0.1 (0-0.3)	-1.7 (-7.1-5.7)	0 (0-0.1)	-0.7 (-21.3-25.2)	0 (0-0)	-3.1 (-41.2-43.5)	0 (0-0)	7.8 (-57.2-142)	0 (0-0)	-20 (-28.2--10.1)
Troms og Finnmark	0.2 (0-0.6)	0.1 (0-0)	0.1 (0-0.3)	3.3 (-2.6-8.9)	0 (0-0.1)	-2.2 (-22.9-20.3)	0 (0-0)	5.1 (-31.6-59.1)	0 (0-0)	-6.2 (-61.7-140)	0 (0-0)	-24.3 (-31.7--16.5)
Trøndelag	0.2 (0-0.5)	-1.2 (-50.5-0)	0.1 (0-0.3)	-1.5 (-51.8-8.9)	0 (0-0.1)	-3.7 (-47.3-26.4)	0 (0-0)	1.4 (-37.3-64.6)	0 (0-0)	-2.1 (-61.1-137)	0 (0-0)	-20.1 (-58.2--7.3)
Vestfold og Telemark	0.2 (0-0.5)	-1.4 (0-0)	0.1 (0-0.3)	-1.3 (-7.3-7.5)	0 (0-0.1)	-6 (-26.8-19.6)	0 (0-0)	1.3 (-36-55.5)	0 (0-0)	-5.6 (-64.9-145)	0 (0-0)	-23.2 (-31.7--12.1)
Vestland	0.2 (0-0.5)	-1.5 (0-0)	0.1 (0-0.3)	-1.8 (-7.4-6.6)	0 (0-0.1)	-1.9 (-24.8-23.9)	0 (0-0)	1.2 (-35.3-59.3)	0 (0-0)	-2.8 (-60.8-117)	0 (0-0)	-19.4 (-29.1--7)
Viken	0.2 (0-0.5)	-0.8 (0-0)	0.1 (0-0.3)	-0.8 (-8.1-6.3)	0 (0-0.1)	-3.7 (-26.4-19.9)	0 (0-0)	2.4 (-38.7-54.4)	0 (0-0)	-7.2 (-64.6-123)	0 (0-0)	-19.2 (-29.5--8.2)
Portugal	0 (0-0)	0 (-0.4-0)	0 (0-0)	-1.2 (-5.1-2.4)	0 (0-0)	-2.1 (-17.7-12.2)	0 (0-0)	-12 (-35.3-21.2)	0 (0-0)	-3.6 (-57.5-121)	0 (0-0)	-27.2 (-32.1--22.3)
San Marino	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (-3.8-4.5)	0 (0-0)	-2.9 (-17.3-14.8)	0 (0-0)	0 (-22.3-33.4)	0 (0-0)	14.9 (-40.9-142)	0 (0-0)	-19.8 (-25.5--13.5)
Spain	0.5 (0.4-0.7)	0 (-19.7-33.4)	0.4 (0.3-0.5)	-1.6 (-19.6-27.3)	0.1 (0.1-0.2)	-0.6 (-18.8-23.4)	0 (0-0)	-18.5 (-37.5-6)	0 (0-0)	9.2 (-41.2-95.9)	0 (0-0)	-11 (-26.1-12.6)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Sweden	0.2 (0.2-0.3)	3.9 (-5.4-71.4)	0.2 (0.1-0.2)	4 (-4.9-65.5)	0.1 (0-0.1)	4.1 (-12.9-53.5)	0 (0-0)	7.8 (-16.2-55.3)	0 (0-0)	-10.2 (-47.2-54.6)	0 (0-0)	4.7 (-11.4-55.4)
Stockholm	0.2 (0.2-0.3)	4.1 (0.1-77)	0.2 (0.1-0.2)	4 (-5.3-75.7)	0.1 (0-0.1)	3.4 (-17.2-74.3)	0 (0-0)	7.7 (-24.1-83.3)	0 (0-0)	-4 (-54.7-99.8)	0 (0-0)	4.7 (-14.7-77.1)
Sweden except Stockholm	0.2 (0.2-0.4)	3.9 (0.1-71.4)	0.2 (0.1-0.3)	4.1 (-5.2-69.3)	0.1 (0-0.1)	4.3 (-14-65.8)	0 (0-0)	8.3 (-22.8-66)	0 (0-0)	-12.1 (-55.7-75.9)	0 (0-0)	4.6 (-13.3-67)
Switzerland	0 (0-0)	-1.6 (-29.3-0)	0 (0-0)	-1.3 (-29.2-4.2)	0 (0-0)	0 (-29.8-16.7)	0 (0-0)	-3.8 (-37-28.9)	0 (0-0)	-6.3 (-60.7-83.9)	0 (0-0)	-8.8 (-34.9--0.6)
United Kingdom	0 (0-0)	0.7 (0-11.8)	0 (0-0)	2.3 (0.9-12.7)	0 (0-0)	-0.5 (-3.3-7.5)	0 (0-0)	-1.4 (-6-5.7)	0 (0-0)	-4.6 (-13.3-6.1)	0 (0-0)	-6.1 (-8-2.8)
England	0 (0-0)	0.3 (-0.7-13.3)	0 (0-0)	1.5 (0.6-13.7)	0 (0-0)	-1 (-2.9-7.9)	0 (0-0)	-1.4 (-4.8-6.5)	0 (0-0)	-4.3 (-12.6-5.3)	0 (0-0)	-5.3 (-6.6-5.3)
East Midlands	0 (0-0)	0.1 (0-1.4)	0 (0-0)	1.6 (0-3.7)	0 (0-0)	-1.5 (-7-4.6)	0 (0-0)	0.4 (-9.8-13.6)	0 (0-0)	-8.3 (-32.8-25.3)	0 (0-0)	-7.7 (-10.4-4.7)
Derby	0 (0-0)	-0.1 (0-0)	0 (0-0)	0.6 (-3.4-4.4)	0 (0-0)	-1 (-15.2-14.8)	0 (0-0)	-4.8 (-30-30.3)	0 (0-0)	12.1 (-41.7-157)	0 (0-0)	-2.5 (-9.4-4.4)
Derbyshire	0 (0-0)	0.3 (0-0)	0 (0-0)	2.1 (-1.9-6)	0 (0-0)	-1.9 (-14.4-13.8)	0 (0-0)	7.7 (-19-46.3)	0 (0-0)	-9.8 (-54.6-80.5)	0 (0-0)	-14.7 (-20.6--8.3)
Leicester	0 (0-0)	0.6 (0-0)	0 (0-0)	1.9 (-2.4-5.9)	0 (0-0)	-1.3 (-16.8-18.3)	0 (0-0)	-9.3 (-32.2-24.2)	0 (0-0)	15.7 (-51.1-111)	0 (0-0)	-4 (-11.2-3.6)
Leicestershire	0 (0-0)	0 (0-0)	0 (0-0)	1.8 (-2-5.7)	0 (0-0)	-0.8 (-14.9-13.5)	0 (0-0)	6.4 (-19.8-42.6)	0 (0-0)	-10.4 (-57.1-82.8)	0 (0-0)	-10.2 (-16.5--3.7)
Lincolnshire	0 (0-0)	0.2 (0-0)	0 (0-0)	2.8 (-1.3-6.9)	0 (0-0)	1.6 (-13.7-17.7)	0 (0-0)	3.5 (-24.2-37)	0 (0-0)	-7.9 (-53.4-76)	0 (0-0)	-8 (-15--1.2)
Northamptonshire	0 (0-0)	0 (0-0)	0 (0-0)	1.3 (-2.7-5.8)	0 (0-0)	-0.6 (-15.6-21.2)	0 (0-0)	0.1 (-25.3-34)	0 (0-0)	-12.6 (-57.4-70.6)	0 (0-0)	-5.7 (-12.9-2.5)
Nottingham	0 (0-0)	0 (0-0)	0 (0-0)	1.5 (-2.6-5.8)	0 (0-0)	-0.4 (-16.9-15.7)	0 (0-0)	-14.7 (-37.8-15.8)	0 (0-0)	21.3 (-44.1-155)	0 (0-0)	3.3 (-4.6-11.1)
Nottinghamshire	0 (0-0)	-0.3 (0-0)	0 (0-0)	1.4 (-2-5.5)	0 (0-0)	-0.9 (-12.4-18.6)	0 (0-0)	3.4 (-23-42.3)	0 (0-0)	-12.3 (-55.8-99.8)	0 (0-0)	-7.8 (-13.7-0)
Rutland	0 (0-0)	0.5 (0-0)	0 (0-0)	2.5 (-1.6-7.1)	0 (0-0)	0.3 (-13.9-18.8)	0 (0-0)	5.1 (-23.1-38.4)	0 (0-0)	-22.4 (-62.2-50)	0 (0-0)	-13.3 (-20.6--4.9)
East of England	0 (0-0)	0 (-3.6-2.5)	0 (0-0)	1.1 (-2.6-3.5)	0 (0-0)	-1.6 (-8.7-4)	0 (0-0)	1.8 (-9.8-13.5)	0 (0-0)	-6.6 (-29.1-23.6)	0 (0-0)	-7.6 (-11.7--4.5)
Bedford	0 (0-0)	0.4 (0-0)	0 (0-0)	2 (-2.3-6.9)	0 (0-0)	-0.6 (-15.1-19.9)	0 (0-0)	0.9 (-24-34.3)	0 (0-0)	-0.4 (-52.8-102)	0 (0-0)	-4.2 (-10.6-4.8)
Cambridgeshire	0 (0-0)	-0.3 (0-0)	0 (0-0)	1 (-3.2-5.4)	0 (0-0)	-2.4 (-19.8-12.6)	0 (0-0)	-4.4 (-29.1-29.8)	0 (0-0)	-10.3 (-56.6-87.5)	0 (0-0)	-10.6 (-19--3.5)
Central Bedfordshire	0 (0-0)	0 (0-0)	0 (0-0)	1.3 (-2.4-5.5)	0 (0-0)	-0.1 (-14.6-16.3)	0 (0-0)	3.9 (-22.6-42.3)	0 (0-0)	-16.2 (-56.1-68.6)	0 (0-0)	-12.4 (-18.8--5.5)
Essex	0 (0-0)	-0.4 (0-0)	0 (0-0)	1.3 (-2.9-5.4)	0 (0-0)	-1.3 (-18.3-16.1)	0 (0-0)	5.3 (-22.3-41.5)	0 (0-0)	-10 (-53.9-71.4)	0 (0-0)	-8.9 (-16.9--1)
Hertfordshire	0 (0-0)	0 (0-0)	0 (0-0)	1 (-2.5-4.5)	0 (0-0)	-1 (-14.7-15.2)	0 (0-0)	5.6 (-19-42.6)	0 (0-0)	-2.4 (-48.7-100)	0 (0-0)	-5.2 (-12.2-2.4)
Luton	0 (0-0)	1.3 (0-0)	0 (0-0)	1.8 (-3.4-6.3)	0 (0-0)	0.2 (-14.8-23.2)	0 (0-0)	-7.5 (-34.1-43.5)	0 (0-0)	2.8 (-46.1-121)	0 (0-0)	1.5 (-6.1-9.4)
Norfolk	0 (0-0)	0 (0-0)	0 (0-0)	1.6 (-2.4-5.8)	0 (0-0)	-0.8 (-15.3-13.7)	0 (0-0)	0.9 (-24.7-32.6)	0 (0-0)	-11 (-53.9-83.6)	0 (0-0)	-6.8 (-13.5-0.2)
Peterborough	0 (0-0)	0 (0-0)	0 (0-0)	1.4 (-4.1-6.7)	0 (0-0)	-0.5 (-16.4-20.6)	0 (0-0)	-8.4 (-32.3-28.4)	0 (0-0)	4.8 (-52.7-135)	0 (0-0)	2.1 (-6.2-11.5)
Southend-on-Sea	0 (0-0)	0 (0-0)	0 (0-0)	1.4 (-2-5.7)	0 (0-0)	-1.8 (-14.9-14.7)	0 (0-0)	-5.6 (-29.3-28.2)	0 (0-0)	7.1 (-43.8-120)	0 (0-0)	-6.7 (-12.6-0.9)
Suffolk	0 (0-0)	0.6 (0-23.3)	0 (0-0)	2.2 (-2.6-23.8)	0 (0-0)	-0.5 (-16.7-20)	0 (0-0)	4.5 (-24.3-37.6)	0 (0-0)	-8.1 (-52.2-73.5)	0 (0-0)	-12 (-19.7-5.3)
Thurrock	0 (0-0)	-1.5 (0-0)	0 (0-0)	-0.8 (-4.8-4.6)	0 (0-0)	-2.2 (-21.6-16.7)	0 (0-0)	-1.4 (-30.2-31.8)	0 (0-0)	-0.1 (-52.9-89.5)	0 (0-0)	-4.3 (-11.6-4.6)
Greater London	0 (0-0)	0.4 (-1.5-74.4)	0 (0-0)	1 (-1.5-78.2)	0 (0-0)	-0.6 (-4.1-67.9)	0 (0-0)	-6.7 (-12.2-31.6)	0 (0-0)	1.8 (-13.4-21.8)	0 (0-0)	2.7 (-0.4-79.3)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Barking and Dagenham	0 (0-0)	0.9 (0-0)	0 (0-0)	1.7 (-5.3-7.1)	0 (0-0)	0.1 (-21-24.3)	0 (0-0)	-0.2 (-30.3-36)	0 (0-0)	41.2 (-35.9-209)	0 (0-0)	21.5 (9.1-34.7)
Barnet	0 (0-0)	-0.4 (0-0)	0 (0-0)	0.5 (-3.2-4.6)	0 (0-0)	-2.5 (-17-12.6)	0 (0-0)	-1.4 (-24.9-32)	0 (0-0)	4.6 (-47.5-83)	0 (0-0)	4.6 (-3-13.4)
Bexley	0 (0-0)	0.3 (0-7.8)	0 (0-0)	2 (-2.1-7.3)	0 (0-0)	-1.1 (-14.9-16.1)	0 (0-0)	9.7 (-19.4-44)	0 (0-0)	-3 (-53.2-84.7)	0 (0-0)	2.7 (-4.5-11.9)
Brent	0 (0-0)	0 (0-0)	0 (0-0)	-0.5 (-4.2-3.3)	0 (0-0)	0.2 (-13.2-17.3)	0 (0-0)	-6.2 (-29.7-28.1)	0 (0-0)	-3.6 (-52.1-118)	0 (0-0)	9.5 (2.4-17.6)
Bromley	0 (0-0)	-0.4 (0-1.2)	0 (0-0)	0.9 (-3.3-5.7)	0 (0-0)	-0.3 (-14.6-15.5)	0 (0-0)	7.3 (-17.4-44.8)	0 (0-0)	-1.1 (-47.4-83.2)	0 (0-0)	-1.4 (-9.3-6.7)
Camden	0 (0-0)	-1 (0-7.8)	0 (0-0)	0 (-4.6-8.5)	0 (0-0)	-4 (-20.1-13.7)	0 (0-0)	-11.8 (-34.8-23.2)	0 (0-0)	-12.6 (-56.5-90.9)	0 (0-0)	-9.8 (-17.1--1.6)
Croydon	0 (0-0)	5.7 (-6.4-1570)	0 (0-0)	6.3 (-6.1-1490)	0 (0-0)	4.6 (-15-1220)	0 (0-0)	7.7 (-23.7-988)	0 (0-0)	5.5 (-50.5-318)	0 (0-0)	13.4 (-1.4-1490)
Ealing	0 (0-0)	0.5 (0-0)	0 (0-0)	0.2 (-5.8-6.8)	0 (0-0)	0.6 (-19.4-24.6)	0 (0-0)	-2.7 (-32.3-45)	0 (0-0)	5.7 (-54.6-129)	0 (0-0)	6 (-4-17.8)
Enfield	0 (0-0)	0.1 (0-0)	0 (0-0)	0.4 (-3.5-4.5)	0 (0-0)	-3.2 (-17.1-12.1)	0 (0-0)	7.2 (-20.5-44.2)	0 (0-0)	14.8 (-40.4-119)	0 (0-0)	7.6 (-0.2-15.5)
Greenwich	0 (0-0)	0 (-7.2-0)	0 (0-0)	0.8 (-8.1-5.6)	0 (0-0)	-0.1 (-18.3-26.1)	0 (0-0)	-10.9 (-32.9-33.4)	0 (0-0)	21 (-36.8-150)	0 (0-0)	3 (-7.8-12.5)
Hackney	0 (0-0)	0 (0-0)	0 (0-0)	0.6 (-3.5-4.5)	0 (0-0)	0.4 (-15.6-17.6)	0 (0-0)	-19.4 (-42.6-13.3)	0 (0-0)	12.9 (-46.2-156)	0 (0-0)	-12 (-17.6--6.2)
Hammersmith and Fulham	0 (0-0)	0 (0-0)	0 (0-0)	0.2 (-3.5-4.4)	0 (0-0)	-1.6 (-17.2-14.6)	0 (0-0)	-14.3 (-38.4-19.3)	0 (0-0)	15.7 (-43.8-163)	0 (0-0)	-3.1 (-9.4-3.6)
Haringey	0 (0-0)	0 (0-0)	0 (0-0)	-0.3 (-3.6-3.2)	0 (0-0)	-2.8 (-15.2-13.7)	0 (0-0)	-9.5 (-29.1-19.8)	0 (0-0)	3.8 (-45.6-139)	0 (0-0)	-7.7 (-13.4--1.3)
Harrow	0 (0-0)	0 (0-0)	0 (0-0)	0.5 (-3.6-5)	0 (0-0)	1.4 (-13.7-20.7)	0 (0-0)	0.1 (-24-36.2)	0 (0-0)	-1.2 (-53.4-96.2)	0 (0-0)	10.8 (2.2-20.8)
Havering	0 (0-0)	0.4 (0-0)	0 (0-0)	2.6 (-1.8-7.5)	0 (0-0)	1 (-12-19.8)	0 (0-0)	3.9 (-19.4-37.7)	0 (0-0)	-6.7 (-52.3-87.8)	0 (0-0)	9.6 (1.7-20)
Hillingdon	0 (0-0)	-0.3 (-7.2-0)	0 (0-0)	0.8 (-5.7-5.2)	0 (0-0)	-0.2 (-14.8-18.2)	0 (0-0)	0.6 (-24.1-39.2)	0 (0-0)	5.8 (-50.4-109)	0 (0-0)	6.1 (-2.2-14.8)
Hounslow	0 (0-0)	0 (0-0)	0 (0-0)	-0.2 (-3.9-3.7)	0 (0-0)	-0.4 (-14.5-15.4)	0 (0-0)	-11.8 (-33.5-13.1)	0 (0-0)	0.6 (-51.4-108)	0 (0-0)	3.6 (-3.1-10.6)
Islington	0 (0-0)	0 (0-0)	0 (0-0)	1.8 (-1.8-5.9)	0 (0-0)	0.3 (-12.2-17.8)	0 (0-0)	-17.9 (-38.8-12.2)	0 (0-0)	9 (-51.3-151)	0 (0-0)	-6.8 (-12.5--0.5)
Kensington and Chelsea	0 (0-0)	0 (0-0)	0 (0-0)	1.4 (-2.9-5.7)	0 (0-0)	-2.2 (-15.1-15.2)	0 (0-0)	-7.9 (-30.5-24.9)	0 (0-0)	-7.3 (-54.2-98.6)	0 (0-0)	-10.5 (-16.3--3.5)
Kingston upon Thames	0 (0-0)	-0.4 (0-0)	0 (0-0)	0.9 (-3.4-5.6)	0 (0-0)	-0.6 (-15.8-17.4)	0 (0-0)	-5 (-28.5-29.6)	0 (0-0)	-13 (-54.7-78.5)	0 (0-0)	5.7 (-2.5-14.9)
Lambeth	0 (0-0)	0 (0-0)	0 (0-0)	0.7 (-3.2-5.1)	0 (0-0)	-0.2 (-14.8-15.8)	0 (0-0)	-9.5 (-33.4-22.9)	0 (0-0)	26.1 (-40.7-176)	0 (0-0)	-5.8 (-11.7-0.5)
Lewisham	0 (0-0)	0 (0-0)	0 (0-0)	0.8 (-3.3-4.9)	0 (0-0)	-0.5 (-14.8-15.7)	0 (0-0)	-5.4 (-29.2-30.6)	0 (0-0)	23.6 (-40.1-166)	0 (0-0)	4.7 (-2.4-11.9)
Merton	0 (0-0)	0.4 (0-231)	0 (0-0)	0.9 (-5.2-231)	0 (0-0)	0 (-17.3-226)	0 (0-0)	-6.8 (-32-153)	0 (0-0)	2.5 (-53-139)	0 (0-0)	7.6 (-2.1-251)
Newham	0 (0-0)	0 (0-0)	0 (0-0)	1.1 (-2.8-5.2)	0 (0-0)	1.2 (-12.9-18.9)	0 (0-0)	-23.5 (-43.7-5)	0 (0-0)	15.3 (-40.4-138)	0 (0-0)	-12.8 (-18.4--6.8)
Redbridge	0 (0-0)	-1.1 (0-0.4)	0 (0-0)	-0.5 (-4.7-5.6)	0 (0-0)	-1.4 (-18.5-20.3)	0 (0-0)	-1.4 (-27.8-34.3)	0 (0-0)	0 (-52.2-109)	0 (0-0)	12.2 (2.8-23.7)
Richmond upon Thames	0 (0-0)	-0.8 (-20.4-0)	0 (0-0)	-1.3 (-20.6-3.2)	0 (0-0)	-1.6 (-19.6-13.4)	0 (0-0)	4.7 (-22-38.7)	0 (0-0)	-6.5 (-51.3-80.9)	0 (0-0)	-3 (-22.9-5)
Southwark	0 (0-0)	0.3 (0-0)	0 (0-0)	1.6 (-4.4-9.8)	0 (0-0)	-0.6 (-18.7-32.3)	0 (0-0)	-14.7 (-38.6-35.9)	0 (0-0)	28.3 (-40.2-163)	0 (0-0)	-3.2 (-11.2-9.5)
Sutton	0 (0-0)	0 (0-0)	0 (0-0)	1.5 (-2.4-5.8)	0 (0-0)	-1.2 (-16.1-14)	0 (0-0)	0 (-25-32.1)	0 (0-0)	-3.9 (-52.9-87.8)	0 (0-0)	-1.2 (-7.9-6.4)
Tower Hamlets	0 (0-0)	0.1 (0-0)	0 (0-0)	0.8 (-3.3-4.4)	0 (0-0)	3.2 (-11.2-21.1)	0 (0-0)	-26.6 (-46.6-2.7)	0 (0-0)	31.2 (-35.4-189)	0 (0-0)	-6 (-11.9-0.6)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Waltham Forest	0 (0-0)	-0.4 (0-0)	0 (0-0)	0.2 (-3.9-4.2)	0 (0-0)	0 (-14-16.6)	0 (0-0)	-4.9 (-29.5-26.4)	0 (0-0)	20.9 (-41.7-128)	0 (0-0)	4 (-3.1-11.2)
Wandsworth	0 (0-0)	0.2 (0-6.9)	0 (0-0)	0.1 (-3.8-6.2)	0 (0-0)	-1.3 (-14.6-13.4)	0 (0-0)	-12.3 (-36-16.2)	0 (0-0)	15.4 (-41.8-136)	0 (0-0)	10.2 (3.3-18.1)
Westminster	0 (0-0)	0 (0-0)	0 (0-0)	-0.6 (-4-3.5)	0 (0-0)	-3.2 (-17-14.5)	0 (0-0)	-9.3 (-34.6-26.8)	0 (0-0)	-1.6 (-53.6-115)	0 (0-0)	3.1 (-3.3-11.5)
North East England	0 (0-0)	0 (0-1.8)	0 (0-0)	1.8 (0.1-5.7)	0 (0-0)	-0.3 (-6.1-8.3)	0 (0-0)	-2.9 (-13.2-7.3)	0 (0-0)	-5.6 (-27.4-21.9)	0 (0-0)	-8.2 (-11.6--3.6)
County Durham	0 (0-0)	0 (0-0)	0 (0-0)	1.9 (-2-5.8)	0 (0-0)	-0.7 (-14.1-13.2)	0 (0-0)	-2.3 (-25.6-27.2)	0 (0-0)	-10.7 (-52.2-82.6)	0 (0-0)	-9.5 (-16.2--3.2)
Darlington	0 (0-0)	-1.1 (0-0)	0 (0-0)	0.2 (-4.3-5.5)	0 (0-0)	-3 (-19.6-14.1)	0 (0-0)	3.8 (-26.3-37.6)	0 (0-0)	-5.2 (-51.6-95.8)	0 (0-0)	-10.7 (-18.1--2.6)
Gateshead	0 (0-0)	0 (0-0)	0 (0-0)	1.4 (-2.8-5.6)	0 (0-0)	0.2 (-14.4-16.7)	0 (0-0)	-8.3 (-31.3-21.4)	0 (0-0)	-1.7 (-52.9-93.9)	0 (0-0)	-8.6 (-15--1.8)
Hartlepool	0 (0-0)	-1.1 (0-0)	0 (0-0)	1.2 (-3.5-6.8)	0 (0-0)	-1.7 (-20.2-15.9)	0 (0-0)	-0.5 (-29.8-34.3)	0 (0-0)	-1.7 (-49.1-121)	0 (0-0)	-14.5 (-21.2--7.3)
Middlesbrough	0 (0-0)	1 (0-0)	0 (0-0)	2.4 (-2.4-7.3)	0 (0-0)	3.3 (-11.6-26.3)	0 (0-0)	-4.8 (-28.4-37.4)	0 (0-0)	1.3 (-50.5-125)	0 (0-0)	3.6 (-4.1-13)
Newcastle upon Tyne	0 (0-0)	-1.1 (0-0)	0 (0-0)	0.8 (-3-6)	0 (0-0)	0.5 (-17.6-17.9)	0 (0-0)	-7.7 (-36.7-22.8)	0 (0-0)	2.4 (-51-119)	0 (0-0)	3 (-6-11.7)
North Tyneside	0 (0-0)	0 (0-0)	0 (0-0)	1.4 (-2.6-6.2)	0 (0-0)	0.3 (-14.8-16.8)	0 (0-0)	-3.3 (-27.5-28.2)	0 (0-0)	-3.2 (-53.5-110)	0 (0-0)	-6.2 (-12.8-1.2)
Northumberland	0 (0-0)	0.2 (0-0)	0 (0-0)	1.7 (-2.6-6.6)	0 (0-0)	-2.6 (-16.7-15.7)	0 (0-0)	6.6 (-19.6-47.8)	0 (0-0)	-15.1 (-59.3-80.5)	0 (0-0)	-15.3 (-21.6--6.2)
Redcar and Cleveland	0 (0-0)	1.6 (0-0.1)	0 (0-0)	3.8 (-2.1-8.6)	0 (0-0)	3.1 (-13.6-25.9)	0 (0-0)	1.6 (-29.5-51)	0 (0-0)	-3.5 (-57.2-96.9)	0 (0-0)	-7.8 (-16-1.1)
South Tyneside	0 (0-0)	0 (0-0)	0 (0-0)	2.1 (-1.6-6.2)	0 (0-0)	0.4 (-11.6-15.6)	0 (0-0)	-4.1 (-28.4-25.5)	0 (0-0)	4.6 (-52.1-130)	0 (0-0)	-10.1 (-15.8--3.6)
Stockton-on-Tees	0 (0-0)	0.8 (0-3.9)	0 (0-0)	2.6 (-3.8-12.6)	0 (0-0)	2.2 (-19.8-38.6)	0 (0-0)	-0.2 (-32-64)	0 (0-0)	-4.2 (-51.8-100)	0 (0-0)	-7.1 (-17.5-11.8)
Sunderland	0 (0-0)	0 (0-0)	0 (0-0)	1.8 (-2.1-6.1)	0 (0-0)	-1.4 (-14-13.7)	0 (0-0)	-7.1 (-32.1-20.1)	0 (0-0)	-2.6 (-54.2-85)	0 (0-0)	-12.2 (-18.2--5.7)
North West England	0 (0-0)	0.1 (0-1.1)	0 (0-0)	1.7 (0.4-3.3)	0 (0-0)	-1 (-4.8-3.3)	0 (0-0)	-4.7 (-11.7-3.6)	0 (0-0)	-5.4 (-23.6-16.9)	0 (0-0)	-7.4 (-9.5--5)
Blackburn with Darwen	0 (0-0)	1.1 (0-0)	0 (0-0)	2.4 (-2.5-6.1)	0 (0-0)	-2.4 (-15.5-15.4)	0 (0-0)	-7.5 (-29-35.3)	0 (0-0)	-4.2 (-53-121)	0 (0-0)	-16.7 (-22.6--10.7)
Blackpool	0 (0-0)	0 (0-0)	0 (0-0)	2.3 (-1.4-6)	0 (0-0)	0.4 (-13.4-16.4)	0 (0-0)	3.4 (-21-39.1)	0 (0-0)	5.4 (-47.3-129)	0 (0-0)	-1.5 (-7.9-4.9)
Bolton	0 (0-0)	-1.5 (0-0)	0 (0-0)	0.4 (-4.7-6.4)	0 (0-0)	-3.2 (-19.9-13.9)	0 (0-0)	-3.6 (-34.5-33.7)	0 (0-0)	-8.1 (-60-90.4)	0 (0-0)	-7.7 (-14.1-0.4)
Bury	0 (0-0)	0 (0-0)	0 (0-0)	1.4 (-2.3-5.6)	0 (0-0)	1 (-13.2-18.5)	0 (0-0)	3.6 (-21.6-37.6)	0 (0-0)	-6.9 (-53.5-111)	0 (0-0)	-5.4 (-12.1-1.9)
Cheshire East	0 (0-0)	0 (0-0)	0 (0-0)	2.1 (-1.9-6)	0 (0-0)	-1.5 (-16.3-15.4)	0 (0-0)	6.5 (-22.5-43)	0 (0-0)	-10.8 (-54.5-82.6)	0 (0-0)	-13 (-19.7--6.4)
Cheshire West and Chester	0 (0-0)	-1.9 (-1.5-0)	0 (0-0)	0.4 (-4.8-6.8)	0 (0-0)	-4.8 (-26.5-13.6)	0 (0-0)	-0.8 (-40.4-36.1)	0 (0-0)	-10.8 (-56.5-70.5)	0 (0-0)	-15 (-24.8--6.6)
Cumbria	0 (0-0)	-0.2 (0-0)	0 (0-0)	1.6 (-3.2-6)	0 (0-0)	-1.8 (-16.8-15.1)	0 (0-0)	3.3 (-23.5-44.2)	0 (0-0)	-13.9 (-60-79)	0 (0-0)	-15.8 (-22.8--8.8)
Halton	0 (0-0)	0.8 (0-1.6)	0 (0-0)	1.7 (-4.6-10.2)	0 (0-0)	1.7 (-18.9-35.3)	0 (0-0)	-1 (-35.7-37.4)	0 (0-0)	-14.7 (-61-87.5)	0 (0-0)	-11.6 (-20.4-1.2)
Knowsley	0 (0-0)	-0.8 (0-0)	0 (0-0)	1.5 (-3.7-6.8)	0 (0-0)	1.6 (-17.2-19.8)	0 (0-0)	-1.5 (-33.8-31.9)	0 (0-0)	1.6 (-51.2-95.4)	0 (0-0)	-5.7 (-13.5-2.6)
Lancashire	0 (0-0)	0 (0-0)	0 (0-0)	2 (-1.8-6.6)	0 (0-0)	-0.3 (-14-16.1)	0 (0-0)	-2.8 (-27.4-30.6)	0 (0-0)	-12.1 (-55.6-92.1)	0 (0-0)	-10.4 (-16.5--3.6)
Liverpool	0 (0-0)	0 (0-0)	0 (0-0)	2.2 (-1.6-6.3)	0 (0-0)	4.4 (-9.9-22.3)	0 (0-0)	-18.4 (-39.4-7.9)	0 (0-0)	5.9 (-49.6-115)	0 (0-0)	-4.1 (-11.3-3.2)
Manchester	0 (0-0)	0 (0-0)	0 (0-0)	1.3 (-2.6-5.4)	0 (0-0)	2.1 (-13-19.7)	0 (0-0)	-20.8 (-41.5-10.4)	0 (0-0)	33 (-39.7-190)	0 (0-0)	4.2 (-2.9-11.8)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Oldham	0 (0-0)	0 (0-0)	0 (0-0)	1.4 (-2.3-5.4)	0 (0-0)	-1.8 (-15.6-16.1)	0 (0-0)	3.5 (-22.3-42.4)	0 (0-0)	-3.4 (-51.4-100)	0 (0-0)	-3.8 (-10-2.9)
Rochdale	0 (0-0)	0 (0-0)	0 (0-0)	2.1 (-2-6)	0 (0-0)	-0.1 (-14.3-18.8)	0 (0-0)	1.3 (-25.9-33.1)	0 (0-0)	-1.6 (-52.5-103)	0 (0-0)	-6 (-12.1-0.7)
Salford	0 (0-0)	0.8 (0-1.6)	0 (0-0)	2.4 (-3.8-9.3)	0 (0-0)	3.3 (-18.9-36.7)	0 (0-0)	-16.2 (-45.2-17.7)	0 (0-0)	4.7 (-49-111)	0 (0-0)	11.1 (-0.8-23.1)
Sefton	0 (0-0)	0 (0-0)	0 (0-0)	2.4 (-2.2-7.1)	0 (0-0)	1.2 (-12.8-18.3)	0 (0-0)	-2.4 (-28.1-32)	0 (0-0)	-7.4 (-57.4-78.5)	0 (0-0)	-8.7 (-15.7--1.2)
St Helens	0 (0-0)	1.6 (0-0.1)	0 (0-0)	3.7 (-1.5-8)	0 (0-0)	1.5 (-14.1-24.2)	0 (0-0)	-2.8 (-30.2-61.8)	0 (0-0)	-7.6 (-59.9-93.3)	0 (0-0)	-7.3 (-14.9-0.6)
Stockport	0 (0-0)	0 (0-0)	0 (0-0)	1.3 (-2.8-5.6)	0 (0-0)	0.2 (-15.5-16.6)	0 (0-0)	3.7 (-26.6-35.6)	0 (0-0)	-7.7 (-57.4-75.8)	0 (0-0)	-4.3 (-12.2-3.4)
Tameside	0 (0-0)	-0.8 (-1.5-0)	0 (0-0)	1 (-6.3-7.2)	0 (0-0)	-1.4 (-27.6-28.5)	0 (0-0)	-4.5 (-42.2-42.4)	0 (0-0)	-4.7 (-56.3-113)	0 (0-0)	-5.6 (-16.4-5.2)
Trafford	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (-3.7-4)	0 (0-0)	-2.6 (-15.3-14.2)	0 (0-0)	4.8 (-22.9-43.8)	0 (0-0)	4.1 (-53-112)	0 (0-0)	-3.2 (-10.3-4.5)
Warrington	0 (0-0)	0 (0-0)	0 (0-0)	1.2 (-2.8-5.7)	0 (0-0)	-1.4 (-17.1-15)	0 (0-0)	4.1 (-24.3-43.3)	0 (0-0)	-3.2 (-56.1-109)	0 (0-0)	-13.6 (-19.7--7.7)
Wigan	0 (0-0)	1.1 (0-0)	0 (0-0)	2.6 (-2.6-8.2)	0 (0-0)	-1.1 (-17.5-26.7)	0 (0-0)	-1 (-27.8-50.5)	0 (0-0)	-8.3 (-53.1-114)	0 (0-0)	-10.3 (-18.2--0.7)
Wirral	0 (0-0)	0 (0-0)	0 (0-0)	1.8 (-2.2-6.2)	0 (0-0)	0.2 (-14.9-17.6)	0 (0-0)	-0.1 (-25.1-34.8)	0 (0-0)	-4.3 (-54.5-99.7)	0 (0-0)	-10.8 (-17.4--4)
South East England	0 (0-0)	0.6 (-0.2-2.5)	0 (0-0)	1.6 (-0.4-4.2)	0 (0-0)	-2.1 (-7.2-4.2)	0 (0-0)	2.2 (-7.8-15)	0 (0-0)	-6.4 (-27.1-18.2)	0 (0-0)	-7.2 (-9.8--4.3)
Bracknell Forest	0 (0-0)	2 (0-7.8)	0 (0-0)	2.5 (-3-10.1)	0 (0-0)	0.2 (-14.3-25.3)	0 (0-0)	3.1 (-21-53.9)	0 (0-0)	-9.6 (-53.7-82.1)	0 (0-0)	-11.5 (-18.9-0.7)
Brighton and Hove	0 (0-0)	0 (0-0)	0 (0-0)	1.3 (-2.6-5.2)	0 (0-0)	-4 (-18.7-11)	0 (0-0)	-4.9 (-29.4-26.9)	0 (0-0)	23.9 (-41.7-141)	0 (0-0)	-10.1 (-16.6--3.6)
Buckinghamshire	0 (0-0)	-0.5 (-1.2-0)	0 (0-0)	0.7 (-3.6-5.1)	0 (0-0)	-3.2 (-18.7-15.6)	0 (0-0)	8.3 (-17.7-44.8)	0 (0-0)	-11 (-53.5-70.9)	0 (0-0)	-11.1 (-18.9--3.5)
East Sussex	0 (0-0)	1.2 (0-0.1)	0 (0-0)	3.5 (-1.7-9)	0 (0-0)	-0.6 (-15.3-20.6)	0 (0-0)	6.7 (-21.1-47.7)	0 (0-0)	-2.1 (-49.5-96)	0 (0-0)	-12 (-19.4--0.6)
Hampshire	0 (0-0)	-0.1 (0-0)	0 (0-0)	1.3 (-2.6-5.1)	0 (0-0)	-2.1 (-16.2-12.9)	0 (0-0)	5.4 (-19.5-35.9)	0 (0-0)	-13.1 (-59.2-76.9)	0 (0-0)	-12.8 (-19--6.1)
Isle of Wight	0 (0-0)	0 (0-0)	0 (0-0)	2.9 (-1-6.9)	0 (0-0)	-0.9 (-14.7-15.4)	0 (0-0)	4.7 (-19.4-39.8)	0 (0-0)	-6.1 (-50.2-85.2)	0 (0-0)	-10.6 (-17--4.1)
Kent	0 (0-0)	1.5 (0-0.1)	0 (0-0)	3.2 (-2.3-8.8)	0 (0-0)	-1 (-16.9-20.3)	0 (0-0)	4 (-22.5-55.9)	0 (0-0)	-7.4 (-53.5-79.1)	0 (0-0)	-5.8 (-14.2-3.2)
Medway	0 (0-0)	0 (0-0)	0 (0-0)	2.1 (-2.2-6.2)	0 (0-0)	-0.5 (-13.9-13.9)	0 (0-0)	1.1 (-22.5-39)	0 (0-0)	-7.9 (-48.9-97.3)	0 (0-0)	-6.7 (-13.1--0.5)
Milton Keynes	0 (0-0)	0 (0-0)	0 (0-0)	-0.1 (-4.1-4.2)	0 (0-0)	-1.8 (-16.3-13.7)	0 (0-0)	-5.4 (-30.4-24.5)	0 (0-0)	-13.3 (-59-66.1)	0 (0-0)	-3.7 (-11-3.6)
Oxfordshire	0 (0-0)	0.2 (0-0)	0 (0-0)	1.5 (-2.2-5.4)	0 (0-0)	-1.6 (-14.3-13.8)	0 (0-0)	-2.2 (-27-31.7)	0 (0-0)	-8.6 (-57.4-76.7)	0 (0-0)	-8.6 (-14.9--2.3)
Portsmouth	0 (0-0)	0.8 (0-25.6)	0 (0-0)	1.8 (-2.7-26.8)	0 (0-0)	1 (-14.5-32.1)	0 (0-0)	-2.8 (-27.1-43.2)	0 (0-0)	15.3 (-42.9-155)	0 (0-0)	2.5 (-5.6-28.3)
Reading	0 (0-0)	0.4 (0-0)	0 (0-0)	-0.1 (-4.3-5)	0 (0-0)	0.5 (-12.9-19.5)	0 (0-0)	-14 (-36.8-16.5)	0 (0-0)	4.9 (-47.7-127)	0 (0-0)	13 (4.6-23.9)
Slough	0 (0-0)	0.2 (0-0)	0 (0-0)	-0.8 (-4.7-2.8)	0 (0-0)	-1.6 (-16.9-15.2)	0 (0-0)	-5 (-30.5-33.3)	0 (0-0)	19.9 (-50.8-158)	0 (0-0)	11.9 (4.4-19.5)
Southampton	0 (0-0)	0.2 (0-6.9)	0 (0-0)	1.6 (-3-7.2)	0 (0-0)	0 (-13.8-17.4)	0 (0-0)	-18.4 (-38.7-13.7)	0 (0-0)	10.3 (-43.4-123)	0 (0-0)	8.8 (0.9-19)
Surrey	0 (0-0)	0 (0-0)	0 (0-0)	0.8 (-2.9-4.9)	0 (0-0)	-2.9 (-16-12)	0 (0-0)	8.1 (-21.9-44.5)	0 (0-0)	-3.5 (-47.9-80.9)	0 (0-0)	-5.6 (-12.4-1.9)
West Berkshire	0 (0-0)	0 (0-0)	0 (0-0)	0.8 (-2.8-5.2)	0 (0-0)	-3.4 (-15.9-12.7)	0 (0-0)	6.7 (-16.3-39.8)	0 (0-0)	-16.3 (-57.4-60)	0 (0-0)	-12 (-17.7--5.2)
West Sussex	0 (0-0)	1.8 (0-6.9)	0 (0-0)	3.1 (-2.1-9.8)	0 (0-0)	0.2 (-14-23.8)	0 (0-0)	1.8 (-23.3-42.8)	0 (0-0)	-0.8 (-45.8-92.1)	0 (0-0)	-6.9 (-13.9-3.2)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Windsor and Maidenhead	0 (0-0)	-0.3 (0-0)	0 (0-0)	0.2 (-4.5-4.6)	0 (0-0)	-3.5 (-18.1-14.3)	0 (0-0)	2.8 (-25.1-39.6)	0 (0-0)	-8.7 (-51.4-82.3)	0 (0-0)	-10.3 (-17.9--3.1)
Wokingham	0 (0-0)	-0.1 (0-0)	0 (0-0)	0 (-3.2-4.1)	0 (0-0)	-2.9 (-14.4-13.8)	0 (0-0)	5.1 (-18.6-41.4)	0 (0-0)	-19.5 (-56.2-45.8)	0 (0-0)	-11.9 (-17.9--3.8)
South West England	0 (0-0)	0 (-1.5-3.8)	0 (0-0)	1.6 (0.1-5.8)	0 (0-0)	-0.9 (-5.4-4.2)	0 (0-0)	0.9 (-7.6-9.6)	0 (0-0)	-7 (-24.1-15.4)	0 (0-0)	-7.4 (-9.7--4)
Bath and North East Somerset	0 (0-0)	0.2 (0-0)	0 (0-0)	2.6 (-1.7-6.5)	0 (0-0)	-0.5 (-15.7-15.7)	0 (0-0)	2.2 (-24.1-31.9)	0 (0-0)	-2.1 (-53.9-86.8)	0 (0-0)	-6.6 (-14-0.9)
Boumemouth	0 (0-0)	-0.2 (-6.9-0)	0 (0-0)	1.8 (-4.9-6.1)	0 (0-0)	0.7 (-15.8-19.7)	0 (0-0)	-20.7 (-41.4-6.7)	0 (0-0)	8.4 (-41.1-124)	0 (0-0)	6.5 (-3.2-16.5)
Bristol, City of	0 (0-0)	-0.5 (0-0)	0 (0-0)	0.9 (-3.9-5.5)	0 (0-0)	2 (-14.2-18)	0 (0-0)	-15.1 (-36.3-16.6)	0 (0-0)	2.4 (-44.7-131)	0 (0-0)	5.8 (-3-14)
Cornwall	0 (0-0)	0 (0-0)	0 (0-0)	2.1 (-1.9-6.2)	0 (0-0)	-0.6 (-13.5-16.5)	0 (0-0)	2.3 (-21-36.9)	0 (0-0)	-14.5 (-58-78)	0 (0-0)	-10 (-16.5--2.9)
Devon	0 (0-0)	-0.2 (0-0)	0 (0-0)	1.7 (-2.6-6)	0 (0-0)	-0.5 (-14-15.8)	0 (0-0)	4.7 (-21.3-37.7)	0 (0-0)	-8.4 (-55.3-84)	0 (0-0)	-8.6 (-15.1--1.4)
Dorset	0 (0-0)	-0.5 (-18.9-0)	0 (0-0)	1.3 (-15.5-6.5)	0 (0-0)	-1.9 (-15.7-15.6)	0 (0-0)	11.2 (-14.9-49.2)	0 (0-0)	-8.8 (-53.6-79.9)	0 (0-0)	-12.4 (-24.8--4.4)
Gloucestershire	0 (0-0)	-0.1 (0-0)	0 (0-0)	1.8 (-2-6.3)	0 (0-0)	-1.2 (-15.8-13.9)	0 (0-0)	3.2 (-21.6-37.4)	0 (0-0)	-6.3 (-51.8-99.7)	0 (0-0)	-10.9 (-17.6--4.1)
North Somerset	0 (0-0)	-0.1 (0-0)	0 (0-0)	1.6 (-1.8-5.8)	0 (0-0)	-1.1 (-14-15)	0 (0-0)	5.7 (-18.5-41.6)	0 (0-0)	-9.8 (-53.1-88.1)	0 (0-0)	-6.8 (-12.8-0.2)
Plymouth	0 (0-0)	0.5 (0-0)	0 (0-0)	2.3 (-2.2-7.1)	0 (0-0)	0.9 (-13.9-20.2)	0 (0-0)	-9.7 (-34-21.6)	0 (0-0)	-0.9 (-50.9-99.5)	0 (0-0)	-3 (-10.3-5.9)
Poole	0 (0-0)	-0.4 (0-0)	0 (0-0)	0.5 (-4.4-5.8)	0 (0-0)	-2.1 (-18.8-14.5)	0 (0-0)	-4.2 (-28.7-26.4)	0 (0-0)	-7.9 (-55.5-94.6)	0 (0-0)	-7.2 (-16.2-1.2)
Somerset	0 (0-0)	-0.4 (0-0)	0 (0-0)	1.5 (-1.9-5.7)	0 (0-0)	-0.6 (-16.5-13.7)	0 (0-0)	7 (-22.1-39.7)	0 (0-0)	-13.7 (-59.3-82.9)	0 (0-0)	-9.7 (-16.8--3.2)
South Gloucestershire	0 (0-0)	-0.1 (0-0)	0 (0-0)	1.3 (-2.2-5.4)	0 (0-0)	-2.8 (-15.3-11.6)	0 (0-0)	7.5 (-18-39.4)	0 (0-0)	-8.8 (-53.5-66.7)	0 (0-0)	-10.7 (-16.6--4.1)
Swindon	0 (0-0)	0 (0-0)	0 (0-0)	1.1 (-2.9-5.7)	0 (0-0)	-0.7 (-15.3-14.9)	0 (0-0)	0.4 (-24.7-33.2)	0 (0-0)	2.5 (-48.9-104)	0 (0-0)	-7.2 (-13.4-0)
Torbay	0 (0-0)	0.8 (0-0)	0 (0-0)	2.8 (-2.4-7.1)	0 (0-0)	1.5 (-13.3-20)	0 (0-0)	3.4 (-22.6-39.8)	0 (0-0)	-8.2 (-57.2-91.6)	0 (0-0)	0.7 (-7.9-8.7)
Wiltshire	0 (0-0)	1.4 (0-50.3)	0 (0-0)	2.8 (-2.4-52.3)	0 (0-0)	-2.6 (-16.6-41.6)	0 (0-0)	11.4 (-17.4-61.3)	0 (0-0)	-9.7 (-57.4-91.1)	0 (0-0)	-14.1 (-21.1-26.1)
West Midlands	0 (0-0)	0 (0-0)	0 (0-0)	1.3 (0.1-2.7)	0 (0-0)	-1.5 (-6.3-3.5)	0 (0-0)	-1 (-10.3-9.8)	0 (0-0)	-5.1 (-25.3-20.2)	0 (0-0)	-6.5 (-8.6--4.2)
Birmingham	0 (0-0)	0 (0-0)	0 (0-0)	1.3 (-2.6-5)	0 (0-0)	0 (-14-16.4)	0 (0-0)	-5.5 (-28.6-26.3)	0 (0-0)	16.3 (-45-159)	0 (0-0)	-3.1 (-9.2-3.2)
Coventry	0 (0-0)	0.1 (0-0)	0 (0-0)	1.6 (-2.4-5.4)	0 (0-0)	0.2 (-14.3-16.8)	0 (0-0)	-12.2 (-34.2-18.9)	0 (0-0)	4.9 (-47.1-94.2)	0 (0-0)	4.3 (-2.9-12)
Dudley	0 (0-0)	0.1 (0-0)	0 (0-0)	1.6 (-2.3-5)	0 (0-0)	0.2 (-12.3-15.6)	0 (0-0)	7.4 (-18.7-40.7)	0 (0-0)	-1.2 (-48.9-84.6)	0 (0-0)	-3.1 (-9.8-3.3)
Herefordshire, County of	0 (0-0)	0.1 (0-0)	0 (0-0)	2.7 (-1.1-6.7)	0 (0-0)	0.7 (-12.9-18.3)	0 (0-0)	5.9 (-21.3-42.9)	0 (0-0)	-11.3 (-58-71.6)	0 (0-0)	-13.5 (-19.5--6.2)
Sandwell	0 (0-0)	-0.1 (0-0)	0 (0-0)	1.2 (-2.4-5.1)	0 (0-0)	-0.2 (-14.7-16.2)	0 (0-0)	-3.2 (-28-29.2)	0 (0-0)	16.7 (-41.7-169)	0 (0-0)	2.2 (-4.3-9.4)
Shropshire	0 (0-0)	0 (0-0)	0 (0-0)	2.1 (-1.8-6.1)	0 (0-0)	-0.8 (-15.2-15.6)	0 (0-0)	5.3 (-21-41.8)	0 (0-0)	-16.6 (-55.7-83.3)	0 (0-0)	-16.1 (-21.5--9.9)
Solihull	0 (0-0)	-0.3 (0-0)	0 (0-0)	1.9 (-2.1-6.6)	0 (0-0)	-0.7 (-15.3-13.5)	0 (0-0)	5.6 (-20.9-38.6)	0 (0-0)	-11.5 (-55.9-70.8)	0 (0-0)	-6.8 (-13.4-0.3)
Staffordshire	0 (0-0)	0 (0-0)	0 (0-0)	1.9 (-1.9-5.8)	0 (0-0)	-0.6 (-14.6-16.3)	0 (0-0)	2.6 (-24.5-36.6)	0 (0-0)	-11.4 (-59.1-70.9)	0 (0-0)	-14.3 (-20.6--7.4)
Stoke-on-Trent	0 (0-0)	0 (0-0)	0 (0-0)	0.7 (-3.1-4.7)	0 (0-0)	0.2 (-12.9-17.1)	0 (0-0)	-6 (-29.2-28.9)	0 (0-0)	2.2 (-56.1-116)	0 (0-0)	1.1 (-5.6-8.9)
Telford and Wrekin	0 (0-0)	0 (0-0)	0 (0-0)	2 (-2-6)	0 (0-0)	0.4 (-15.3-16.2)	0 (0-0)	2.2 (-25.9-41.1)	0 (0-0)	-11.3 (-61-99.2)	0 (0-0)	-10.4 (-17--3.9)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Walsall	0 (0-0)	0 (0-0)	0 (0-0)	1.6 (-2.2-5.2)	0 (0-0)	-1.2 (-16.6-14.9)	0 (0-0)	0.8 (-26.5-34)	0 (0-0)	2.2 (-53.1-99.5)	0 (0-0)	-2.8 (-9-3.2)
Warwickshire	0 (0-0)	0 (0-0)	0 (0-0)	1.4 (-2.4-5.3)	0 (0-0)	-1 (-14.7-13.9)	0 (0-0)	2.6 (-21.4-36.2)	0 (0-0)	-11 (-55.1-78.9)	0 (0-0)	-10 (-16.2--3.6)
Wolverhampton	0 (0-0)	-0.1 (0-0)	0 (0-0)	0.6 (-2.8-4.6)	0 (0-0)	-1.3 (-14.4-13.3)	0 (0-0)	-6.8 (-29.9-25.1)	0 (0-0)	13.8 (-42.8-161)	0 (0-0)	0.9 (-5.6-7.9)
Worcestershire	0 (0-0)	0 (0-0)	0 (0-0)	1.7 (-2.3-5.8)	0 (0-0)	-1.7 (-16.8-13.3)	0 (0-0)	4.3 (-22.7-36.9)	0 (0-0)	-17 (-58.7-56.8)	0 (0-0)	-12.6 (-19.1--6.3)
Yorkshire and the Humber	0 (0-0)	-0.2 (0-2.1)	0 (0-0)	1.4 (0-3.7)	0 (0-0)	-1.2 (-7.8-4.3)	0 (0-0)	-4.1 (-14.1-4.4)	0 (0-0)	-6.8 (-27.5-16.2)	0 (0-0)	-6.9 (-9.9--3.9)
Barnsley	0 (0-0)	0 (0-0)	0 (0-0)	2.3 (-1.4-6.6)	0 (0-0)	-1.5 (-14.1-13.8)	0 (0-0)	0.8 (-27.3-35.9)	0 (0-0)	-4.4 (-56.4-105)	0 (0-0)	-8.4 (-14.2--1.3)
Bradford	0 (0-0)	-0.8 (0-0)	0 (0-0)	-0.2 (-4.3-4.2)	0 (0-0)	-2.6 (-18.3-12.9)	0 (0-0)	-2.1 (-34-32)	0 (0-0)	3 (-54.2-110)	0 (0-0)	-7.8 (-14--0.5)
Calderdale	0 (0-0)	1.8 (0-1.4)	0 (0-0)	4.2 (-2-10.9)	0 (0-0)	1.5 (-17.2-31.3)	0 (0-0)	6.2 (-22.3-60.8)	0 (0-0)	-3.5 (-52.9-133)	0 (0-0)	-11 (-19--3.3)
Doncaster	0 (0-0)	0 (0-0)	0 (0-0)	1.8 (-2.6-6.2)	0 (0-0)	-1.9 (-16.4-14.7)	0 (0-0)	-4 (-29-29.9)	0 (0-0)	-5.8 (-54.3-112)	0 (0-0)	-10.3 (-17--3.1)
East Riding of Yorkshire	0 (0-0)	0 (0-0)	0 (0-0)	1.8 (-2.1-6.7)	0 (0-0)	-1.4 (-15.7-14.5)	0 (0-0)	3.7 (-20.5-36.8)	0 (0-0)	-17.9 (-58.4-64)	0 (0-0)	-17.5 (-23.4--10.8)
Kingston upon Hull, City of	0 (0-0)	0 (0-0)	0 (0-0)	1 (-3-5.3)	0 (0-0)	-0.1 (-14.3-16.5)	0 (0-0)	-17.9 (-40.5-12.6)	0 (0-0)	4.1 (-52.6-115)	0 (0-0)	-1 (-8-6.4)
Kirklees	0 (0-0)	-2.8 (-36-0)	0 (0-0)	-1.8 (-35.7-5.3)	0 (0-0)	-5.5 (-37.2-14.5)	0 (0-0)	-8.4 (-40.6-29.6)	0 (0-0)	-15.3 (-65.4-80.6)	0 (0-0)	-15.7 (-44.6--7.1)
Leeds	0 (0-0)	-0.3 (0-0.1)	0 (0-0)	1.5 (-2.3-5.5)	0 (0-0)	1.4 (-13.4-19.2)	0 (0-0)	-14.7 (-35.9-13.1)	0 (0-0)	-1.6 (-50.6-96.1)	0 (0-0)	5 (-2.8-13.6)
North East Lincolnshire	0 (0-0)	0.1 (0-0)	0 (0-0)	2.4 (-1.7-7.4)	0 (0-0)	2.6 (-12.5-20.6)	0 (0-0)	-5.9 (-31.6-31.2)	0 (0-0)	-0.7 (-55.4-115)	0 (0-0)	-11 (-17.3--3.9)
North Lincolnshire	0 (0-0)	0.4 (0-0)	0 (0-0)	2 (-2.7-6.2)	0 (0-0)	-0.6 (-15.4-23.2)	0 (0-0)	1.4 (-24.2-43.7)	0 (0-0)	-12 (-58.1-92)	0 (0-0)	-8.6 (-15.9-0.3)
North Yorkshire	0 (0-0)	0.5 (0-0)	0 (0-0)	2.4 (-3.6-8.6)	0 (0-0)	1.7 (-18.1-24.9)	0 (0-0)	8.2 (-26.6-57.8)	0 (0-0)	-13.2 (-58.9-92.9)	0 (0-0)	-12.4 (-22.7--2.7)
Rotherham	0 (0-0)	0 (0-0)	0 (0-0)	2.3 (-2.2-6.4)	0 (0-0)	-0.8 (-15.5-14.9)	0 (0-0)	2 (-25-34.5)	0 (0-0)	-12.6 (-57.1-89.4)	0 (0-0)	-8.9 (-15.6--2.7)
Sheffield	0 (0-0)	0.3 (0-0)	0 (0-0)	2 (-2.2-6.1)	0 (0-0)	-2.6 (-17-13)	0 (0-0)	-4.8 (-30.6-27.2)	0 (0-0)	5.8 (-51.3-113)	0 (0-0)	-0.4 (-8.2-6.7)
Wakefield	0 (0-0)	0.3 (0-0)	0 (0-0)	2.6 (-1.5-6.7)	0 (0-0)	1.9 (-15.1-19.5)	0 (0-0)	1.5 (-26.4-37.6)	0 (0-0)	-1.5 (-54.7-112)	0 (0-0)	-6.2 (-13-0.5)
York	0 (0-0)	0 (0-0)	0 (0-0)	2.1 (-1.7-6.2)	0 (0-0)	-0.5 (-13.6-15.9)	0 (0-0)	-8.4 (-31.9-21.9)	0 (0-0)	-6.9 (-54-88.4)	0 (0-0)	-5.4 (-12-2.2)
Northern Ireland	0 (0-0)	0 (0-0.1)	0 (0-0)	2.8 (-1.9-7.5)	0 (0-0)	-0.6 (-15.3-18.8)	0 (0-0)	-10 (-32.8-21.2)	0 (0-0)	1.6 (-53-104)	0 (0-0)	-14.2 (-20.6--7.2)
Scotland	0 (0-0)	0 (0-0.1)	0 (0-0)	1.8 (-2-6.8)	0 (0-0)	-4.1 (-21.2-16.8)	0 (0-0)	-4.2 (-34-36.2)	0 (0-0)	-6.3 (-57.5-118)	0 (0-0)	-17.1 (-24.3--8.7)
Wales	0 (0-0)	0 (0-0.1)	0 (0-0)	2.1 (-2-5.9)	0 (0-0)	-1 (-16.9-16.4)	0 (0-0)	-2.9 (-27.7-33.4)	0 (0-0)	-6.9 (-56.8-114)	0 (0-0)	-12.1 (-18.8--5.4)
Latin America and Caribbean	2.2 (1.7-3)	15.2 (10.3-19.7)	1.6 (1.2-2)	15.8 (10.9-20)	0.8 (0.7-1.1)	14.1 (8.2-19.5)	0.7 (0.5-0.9)	11.5 (5.2-17.6)	0.1 (0.1-0.1)	6.2 (-0.7-12.8)	0.6 (0.5-0.8)	-0.9 (-6-3.5)
Andean Latin America	0 (0-0)	15.4 (0.1-56.6)	0 (0-0)	13.9 (-3.7-59.1)	0 (0-0)	28.8 (-1.7-94.9)	0 (0-0)	22.3 (-16.7-116)	0 (0-0)	53.4 (-26.8-239)	0 (0-0)	-3.1 (-21.9-42)
Bolivia (Plurinational State of)	0 (0-0)	1.5 (0-6.1)	0 (0-0)	1 (-4.2-6.2)	0 (0-0)	5.2 (-10.2-25)	0 (0-0)	-15.8 (-38-19.1)	0 (0-0)	-3.5 (-50.7-114)	0 (0-0)	-12 (-18.7--5)
Ecuador	0.1 (0-0.1)	35.2 (-0.2-131)	0 (0-0.1)	36.2 (-2.2-140)	0 (0-0)	48.8 (-3.5-181)	0 (0-0)	51.2 (-13.5-261)	0 (0-0)	96.3 (-30-582)	0 (0-0)	11.5 (-24.8-105)
Peru	0 (0-0)	0.6 (-0.1-23.4)	0 (0-0)	-0.2 (-4-22)	0 (0-0)	0.1 (-13.4-20.6)	0 (0-0)	-18.2 (-39.4-7.7)	0 (0-0)	-4.1 (-49.8-83.4)	0 (0-0)	-22.6 (-28.7--7.5)
Caribbean	16.1 (11.5-22.2)	12.5 (6.1-19.1)	8.6 (6.2-11.9)	12 (5.8-18.5)	0.9 (0.6-1.2)	11.4 (3.4-20.3)	0 (0-0)	-3.2 (-14.2-10.6)	0 (0-0)	-3.5 (-30.5-37)	0.9 (0.6-1.2)	-10 (-14.8--4.6)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Antigua and Barbuda	1.8 (1.1-2.8)	0.7 (-9.8-13.1)	1.2 (0.8-1.9)	0.8 (-8.8-13.2)	0.2 (0.1-0.3)	-3.1 (-15.7-12.3)	0 (0-0)	-7.4 (-28-16.8)	0 (0-0)	3.4 (-47.2-84)	0.1 (0.1-0.2)	-34.6 (-40.7--26.6)
Bahamas	0.1 (0.1-0.2)	-0.5 (-28.2-34.9)	0.1 (0.1-0.1)	0.6 (-24.7-32.7)	0 (0-0)	-8.1 (-25.9-18)	0 (0-0)	-3.8 (-28.9-30)	0 (0-0)	2.3 (-50.8-97)	0 (0-0)	-38.4 (-52--20.8)
Barbados	2.1 (1.3-3.1)	0.1 (-10-11.7)	1.4 (0.9-2.2)	-0.6 (-10.5-10.7)	0.3 (0.1-0.4)	-3.4 (-16.1-12.2)	0 (0-0)	0 (-20.6-25.4)	0 (0-0)	-2.3 (-46.1-80.1)	0.1 (0.1-0.1)	-32.5 (-39--25.6)
Belize	4.4 (2.8-6.8)	2.9 (-7.3-15)	2.6 (1.6-3.9)	2.9 (-6.9-13.9)	0.3 (0.2-0.5)	-2.4 (-17.7-13.8)	0 (0-0)	-6.3 (-26.8-18.9)	0 (0-0)	16.5 (-40.7-116)	0.3 (0.2-0.5)	-27.7 (-35--19.8)
Bermuda	0.8 (0.5-1.2)	-0.8 (-21.7-15.8)	0.6 (0.4-0.9)	-0.9 (-21.3-14.3)	0.1 (0.1-0.2)	-4 (-21.1-12.3)	0 (0-0)	-1.1 (-21.3-27.7)	0 (0-0)	-20 (-52.9-41.5)	0 (0-0.1)	-36.1 (-47.5--27.7)
Cuba	3.6 (2.4-5.3)	0.7 (-11.5-11.1)	2.4 (1.6-3.4)	-0.9 (-10.3-8.9)	0.4 (0.2-0.5)	10.6 (-3.1-26.3)	0 (0-0)	-1.9 (-22.7-24.5)	0 (0-0)	3 (-44.9-81.4)	0.2 (0.1-0.2)	-26.4 (-33.2--19.2)
Dominica	2.2 (1.4-3.4)	0.2 (-11.4-10.9)	1.4 (0.8-2.1)	0.7 (-11.6-10.7)	0.2 (0.1-0.3)	-3.2 (-17.6-13.4)	0 (0-0)	-4.3 (-25.3-26.9)	0 (0-0)	22.4 (-31.8-134)	0.1 (0.1-0.2)	-35.5 (-43--28.6)
Dominican Republic	20.8 (14.7-28.3)	-1.1 (-11.5-8.1)	11.4 (8.1-15.5)	-1.7 (-11.5-8)	1.3 (0.9-1.8)	-0.2 (-12.3-14)	0.1 (0-0.1)	-12.8 (-30.7-6.7)	0 (0-0)	-2.1 (-44.3-82.4)	1.4 (1-1.9)	-23 (-30.6--15.7)
Grenada	2.8 (1.8-4.4)	0.2 (-11.8-10.2)	1.7 (1.1-2.6)	0.4 (-10.8-10.5)	0.3 (0.1-0.4)	-1.2 (-14.9-14.2)	0 (0-0)	-14.7 (-33.2-9.6)	0 (0-0)	-3.7 (-44-81.2)	0.2 (0.1-0.2)	-30.2 (-37.3--23.2)
Guyana	2.3 (1.4-3.5)	-0.4 (-9.1-10.3)	1.3 (0.8-2)	1 (-7.5-11.2)	0.2 (0.1-0.3)	-4.7 (-17.9-9.3)	0 (0-0)	-1.6 (-24.7-28.8)	0 (0-0)	-6.4 (-54.7-100)	0.2 (0.1-0.2)	-24.4 (-31.1--17.1)
Haiti	20.4 (14.7-28.4)	-0.5 (-8.5-8.2)	10.9 (7.8-14.9)	-2.2 (-10.5-6.3)	1 (0.7-1.4)	0.5 (-10.5-11.6)	0 (0-0.1)	-17.6 (-34.2-7.1)	0 (0-0)	4.8 (-35.9-82)	1.5 (1.1-2.1)	-17.6 (-24.8--10.6)
Jamaica	11.9 (8.3-17)	0 (-10-12.2)	7.4 (5.2-10.5)	1 (-8.9-13.2)	0.9 (0.6-1.4)	-3.9 (-16.2-11.8)	0 (0-0.1)	-9.1 (-27.7-14.5)	0 (0-0)	9 (-35.6-79.2)	0.6 (0.5-0.9)	-33.7 (-39.4--26.7)
Puerto Rico	0.8 (0.6-1.3)	-1 (-19.9-21.1)	0.6 (0.4-0.9)	-1.2 (-19.6-20.5)	0.1 (0.1-0.2)	-5.3 (-20.6-13.4)	0 (0-0)	-11.1 (-28.9-11.4)	0 (0-0)	-23.7 (-56.4-44.5)	0 (0-0.1)	-48.9 (-57.4--38.9)
Saint Kitts and Nevis	2 (1.3-3.1)	0.8 (-9.6-12.8)	1.3 (0.8-1.9)	0.6 (-9.4-11.3)	0.2 (0.1-0.3)	-0.1 (-13-16.5)	0 (0-0)	-13.6 (-32.5-12.5)	0 (0-0)	23.4 (-33.6-141)	0.1 (0.1-0.2)	-36 (-42.4--29.2)
Saint Lucia	2.9 (1.8-4.3)	-0.5 (-9.8-9.4)	1.9 (1.2-2.9)	-0.3 (-9.4-9.6)	0.3 (0.2-0.5)	-4.6 (-16.9-9.1)	0 (0-0)	-21.9 (-37.9--1.8)	0 (0-0)	8.3 (-41.9-106)	0.1 (0.1-0.2)	-48.1 (-53.1--42.7)
Saint Vincent and the Grenadines	2.6 (1.6-4.1)	-0.5 (-9.2-11)	1.6 (1-2.5)	-0.4 (-9.8-11.5)	0.2 (0.1-0.4)	-2.2 (-15.8-12.2)	0 (0-0)	-16.6 (-35.5-6.1)	0 (0-0)	5.8 (-41.5-85.2)	0.1 (0.1-0.2)	-34.9 (-41--27.2)
Suriname	2.7 (1.7-4.1)	0.8 (-9.2-12.2)	1.5 (1-2.3)	-1.2 (-11.5-10.3)	0.2 (0.1-0.3)	2.4 (-12.7-20.6)	0 (0-0)	-9.5 (-30.7-14.8)	0 (0-0)	3.1 (-50.9-98.7)	0.2 (0.1-0.2)	-20.9 (-29.1--11.2)
Trinidad and Tobago	2.5 (1.6-3.7)	-0.3 (-9.3-8.7)	1.6 (1-2.3)	-0.9 (-8.9-7.9)	0.3 (0.2-0.4)	7.2 (-7-23.3)	0 (0-0)	-26.7 (-41.7--8.1)	0 (0-0)	-18.7 (-55.9-64.4)	0.1 (0.1-0.2)	-21.3 (-27.7--14.2)
United States Virgin Islands	1.1 (0.7-1.8)	-0.5 (-19.4-19.9)	0.8 (0.5-1.2)	-0.9 (-19.2-19.3)	0.2 (0.1-0.2)	-1.7 (-17.6-17.4)	0 (0-0)	-7 (-29.3-20.8)	0 (0-0)	-28.4 (-66.2-43.1)	0.1 (0-0.1)	-30.5 (-42.1--17.6)
Central Latin America	0.1 (0.1-0.2)	-1 (-15.3-24.1)	0.1 (0.1-0.2)	1.4 (-12.1-28.2)	0 (0-0.1)	0.7 (-15.5-38.4)	0 (0-0)	-16.6 (-32.4-13.9)	0 (0-0)	-6.4 (-36.3-39.1)	0 (0-0)	-27.2 (-37.7--5.5)
Colombia	0.4 (0.3-0.6)	-0.7 (-24.8-15.6)	0.3 (0.2-0.4)	-0.6 (-22.5-14.3)	0.1 (0-0.1)	-3.8 (-20.3-14.6)	0 (0-0)	-9.9 (-29.3-19.2)	0 (0-0)	-3.2 (-46.8-101)	0 (0-0)	-32.6 (-46.5--24.2)
Costa Rica	0 (0-0)	3.8 (-79.1-77.4)	0 (0-0)	3.7 (-78.9-75.2)	0 (0-0)	4.3 (-77.8-66.4)	0 (0-0)	-10.1 (-75.9-21.6)	0 (0-0)	-1.2 (-49.3-62.6)	0 (0-0)	-26.1 (-84.1-17.1)
El Salvador	0 (0-0)	5.9 (0-92.3)	0 (0-0)	6.2 (-3-91.6)	0 (0-0)	3.6 (-15.5-79.2)	0 (0-0)	-8 (-33.9-28)	0 (0-0)	8.6 (-48.5-132)	0 (0-0)	-25.4 (-34.5-29.8)
Guatemala	0 (0-0)	-2.8 (-50.6-0)	0 (0-0)	-4.2 (-50.6-2.2)	0 (0-0)	-6 (-47.9-13.3)	0 (0-0)	-18.2 (-59.4-13.4)	0 (0-0)	-5 (-64-123)	0 (0-0)	-37.8 (-67.4--30.8)
Honduras	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (-3-3.2)	0 (0-0)	-0.8 (-14.2-14.6)	0 (0-0)	-10.2 (-32.1-18.3)	0 (0-0)	7.2 (-44.7-83.2)	0 (0-0)	-23.6 (-28.5--18.4)
Mexico	0.1 (0-0.2)	15.3 (-14.1-96)	0.1 (0-0.2)	14.8 (-13.5-93.6)	0 (0-0.1)	11.8 (-14.7-88.2)	0 (0-0)	-15.5 (-38.4-30.4)	0 (0-0)	-9 (-47.6-60.1)	0 (0-0)	-18.8 (-38.5-37.2)
Aguascalientes	0.1 (0-0.2)	34.6 (0-810)	0 (0-0.2)	33.6 (-3.4-806)	0 (0-0.1)	26.4 (-17.2-816)	0 (0-0)	4.8 (-35.4-707)	0 (0-0)	19.5 (-44.7-481)	0 (0-0)	-7.3 (-36.4-558)
Baja California	0.1 (0-0.2)	29.1 (0-663)	0 (0-0.1)	28.1 (-2.7-688)	0 (0-0.1)	21.6 (-13-737)	0 (0-0)	3.7 (-31.2-479)	0 (0-0)	21.6 (-51.1-600)	0 (0-0)	-12.3 (-36.1-464)
Baja California Sur	0.1 (0-0.2)	27.5 (0-810)	0 (0-0.1)	26.5 (-2.6-786)	0 (0-0.1)	21 (-13.1-663)	0 (0-0)	-1.4 (-35.4-465)	0 (0-0)	23.2 (-43.7-466)	0 (0-0)	-11.5 (-35.1-475)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Campeche	0.1 (0-0.3)	29.3 (0-1210)	0.1 (0-0.2)	28.1 (-3.4-1230)	0 (0-0.1)	22.7 (-13.4-1370)	0 (0-0)	-5.5 (-38.3-792)	0 (0-0)	29.5 (-47.1-541)	0 (0-0)	-9.3 (-34.1-889)
Chiapas	0.1 (0-0.2)	32.8 (0-663)	0 (0-0.2)	31.4 (-3.2-665)	0 (0-0.1)	25.6 (-16.3-640)	0 (0-0)	0.3 (-39.4-462)	0 (0-0)	30.9 (-52.4-545)	0 (0-0)	0.9 (-28.8-489)
Chihuahua	0.1 (0-0.2)	32.9 (0-663)	0 (0-0.2)	31.3 (-3.5-637)	0 (0-0.1)	23.3 (-17.1-581)	0 (0-0)	8 (-34.2-530)	0 (0-0)	38.9 (-55-639)	0 (0-0)	-8.2 (-35.8-409)
Coahuila	0.3 (0.1-0.6)	30 (0.3-283)	0.2 (0.1-0.5)	28.7 (-2.7-284)	0.1 (0-0.3)	22.4 (-14.6-272)	0 (0-0)	4.4 (-35.3-201)	0 (0-0)	14.6 (-44.3-258)	0 (0-0.1)	-3.7 (-30.9-190)
Colima	0.1 (0-0.2)	26.9 (0-1210)	0.1 (0-0.2)	25.4 (-2.8-1230)	0 (0-0.1)	18 (-15-1260)	0 (0-0)	-8 (-40.6-821)	0 (0-0)	32.3 (-47.8-535)	0 (0-0)	-14.5 (-36.5-834)
Durango	0.1 (0-0.2)	27.8 (0-556)	0 (0-0.2)	26.9 (-3.4-562)	0 (0-0.1)	22.6 (-14.4-608)	0 (0-0)	-1.6 (-35.6-334)	0 (0-0)	22.6 (-43.9-508)	0 (0-0)	-10.2 (-34.7-381)
Guanajuato	0.3 (0.1-0.6)	30.9 (0-363)	0.2 (0.1-0.4)	29.3 (-3.4-364)	0.1 (0-0.2)	24.3 (-16-351)	0 (0-0)	0.3 (-42.4-226)	0 (0-0)	12.6 (-49.6-301)	0 (0-0.1)	-13.5 (-39-206)
Guerrero	0.1 (0-0.3)	36.2 (0-1440)	0.1 (0-0.3)	34.5 (-4.3-1460)	0 (0-0.1)	27.8 (-21.2-1560)	0 (0-0)	1.9 (-40.9-1010)	0 (0-0)	13.3 (-51.6-1390)	0 (0-0)	-6.8 (-37.3-1020)
Hidalgo	0.1 (0-0.2)	29 (0-1210)	0.1 (0-0.2)	27.6 (-2.9-1240)	0 (0-0.1)	20 (-14-1280)	0 (0-0)	-3.8 (-38-822)	0 (0-0)	32.8 (-49.3-693)	0 (0-0)	-14.9 (-37.6-803)
Jalisco	0 (0-0.1)	13.6 (0-413)	0 (0-0.1)	12.4 (-3.5-414)	0 (0-0.1)	8.8 (-14-476)	0 (0-0)	-11.1 (-37.6-307)	0 (0-0)	6.4 (-49.9-277)	0 (0-0)	-19.3 (-34.3-292)
México	0 (0-0.1)	12.5 (0-396)	0 (0-0.1)	11.5 (-3-401)	0 (0-0.1)	8.7 (-12.3-409)	0 (0-0)	-10.2 (-35.8-268)	0 (0-0)	3.4 (-50.8-255)	0 (0-0)	-17 (-31.4-270)
Mexico City	0.5 (0.3-0.8)	16.9 (-0.5-101)	0.4 (0.2-0.7)	16.3 (-2.7-104)	0.2 (0.1-0.4)	14.6 (-10.9-107)	0 (0-0)	-8.1 (-33.3-53.1)	0 (0-0)	-8.5 (-50.8-74.2)	0.1 (0-0.1)	-19.1 (-36-42.2)
Michoacán de Ocampo	0.1 (0-0.2)	31.5 (0-810)	0 (0-0.1)	30.3 (-3.2-792)	0 (0-0.1)	27.4 (-13.4-742)	0 (0-0)	-4 (-38.1-503)	0 (0-0)	14.2 (-47.9-680)	0 (0-0)	-9.2 (-35.6-504)
Morelos	0.1 (0-0.2)	36.1 (0-810)	0.1 (0-0.2)	35.1 (-3-806)	0 (0-0.1)	29 (-12.6-921)	0 (0-0)	3.6 (-35.1-648)	0 (0-0)	37.1 (-47.7-702)	0 (0-0)	-3.8 (-33.3-573)
Nayarit	0.1 (0-0.2)	30.6 (0-988)	0.1 (0-0.2)	29.2 (-3.1-990)	0 (0-0.1)	22.4 (-14.2-1100)	0 (0-0)	-4.6 (-38.9-678)	0 (0-0)	29.4 (-48.2-418)	0 (0-0)	-7.2 (-32.8-732)
Nuevo León	0.1 (0-0.2)	24.2 (0-499)	0 (0-0.1)	23 (-2.8-512)	0 (0-0.1)	17.5 (-14.3-585)	0 (0-0)	-0.9 (-35.3-410)	0 (0-0)	15.8 (-42.6-435)	0 (0-0)	-10.3 (-32.9-380)
Oaxaca	0.1 (0-0.2)	33.9 (0-963)	0 (0-0.2)	32.5 (-3.4-957)	0 (0-0.1)	24.7 (-14.8-879)	0 (0-0)	-3.6 (-40.3-745)	0 (0-0)	30.2 (-53.1-745)	0 (0-0)	-10.3 (-36.6-609)
Puebla	0.1 (0-0.2)	28.6 (0-1150)	0 (0-0.2)	26.6 (-3.7-1170)	0 (0-0.1)	18.1 (-16.5-1180)	0 (0-0)	-6 (-40.2-786)	0 (0-0)	30.4 (-44.7-503)	0 (0-0)	-12.2 (-35.7-810)
Querétaro	0.1 (0-0.2)	37.5 (0-870)	0 (0-0.2)	36.4 (-3.5-900)	0 (0-0.1)	30.1 (-13.7-882)	0 (0-0)	1.2 (-39-652)	0 (0-0)	43.8 (-44.1-667)	0 (0-0)	-8.1 (-37.4-592)
Quintana Roo	0.1 (0-0.3)	33.2 (0-1230)	0.1 (0-0.2)	31.8 (-3.3-1240)	0 (0-0.1)	25.3 (-15.2-1420)	0 (0-0)	-3.4 (-40-808)	0 (0-0)	30.9 (-48.4-458)	0 (0-0)	-8.4 (-35.8-892)
San Luis Potosí	0.1 (0-0.2)	32 (0-810)	0.1 (0-0.2)	30.6 (-3.4-812)	0 (0-0.1)	22.7 (-15.4-814)	0 (0-0)	-1 (-38.4-631)	0 (0-0)	37.8 (-49.5-551)	0 (0-0)	-12.6 (-38.2-519)
Sinaloa	0.1 (0-0.2)	28.8 (0-491)	0 (0-0.2)	27.8 (-3.3-507)	0 (0-0.1)	22.2 (-15-535)	0 (0-0)	-2.2 (-37.9-291)	0 (0-0)	13.3 (-49.2-526)	0 (0-0)	-14.7 (-38.7-316)
Sonora	0.1 (0-0.2)	29.7 (0-810)	0 (0-0.1)	28.6 (-2.8-790)	0 (0-0.1)	22.7 (-13.6-716)	0 (0-0)	6 (-30.6-547)	0 (0-0)	17.2 (-46.8-639)	0 (0-0)	-10.7 (-35.7-492)
Tabasco	0.4 (0.2-0.9)	34 (0.5-280)	0.3 (0.1-0.8)	32.4 (-3-275)	0.2 (0.1-0.3)	27 (-15-262)	0 (0-0)	-2.8 (-41.3-170)	0 (0-0)	21.4 (-49.3-291)	0.1 (0-0.1)	-7.9 (-35.9-159)
Tamaulipas	0.1 (0-0.2)	30.4 (0-556)	0 (0-0.2)	28.8 (-3.1-553)	0 (0-0.1)	22.4 (-14.7-562)	0 (0-0)	2.6 (-35.2-319)	0 (0-0)	24.6 (-48.9-454)	0 (0-0)	-10.1 (-35.7-362)
Tlaxcala	0.1 (0-0.3)	30.9 (0-1210)	0.1 (0-0.2)	29.1 (-3.4-1260)	0 (0-0.1)	21.9 (-13-1450)	0 (0-0)	-1 (-34.8-1040)	0 (0-0)	47.5 (-41.7-794)	0 (0-0)	-9.9 (-34.8-949)
Veracruz de Ignacio de la Llave	0.1 (0-0.2)	28.1 (0-665)	0 (0-0.1)	27 (-3.8-673)	0 (0-0.1)	21.8 (-15.7-625)	0 (0-0)	-1.1 (-37.6-459)	0 (0-0)	18 (-55.7-558)	0 (0-0)	-16.1 (-39.3-411)
Yucatán	0.1 (0-0.2)	26.5 (0-810)	0 (0-0.1)	25.8 (-3.5-782)	0 (0-0.1)	20.1 (-13.6-728)	0 (0-0)	-7.1 (-38.6-464)	0 (0-0)	16 (-44.7-362)	0 (0-0)	-13.4 (-36.3-482)
Zacatecas	0.1 (0-0.2)	28.4 (0-560)	0.1 (0-0.2)	27 (-3.2-593)	0 (0-0.1)	20.7 (-14.8-670)	0 (0-0)	-6 (-42.4-438)	0 (0-0)	39.9 (-51.6-611)	0 (0-0)	-10 (-34.5-442)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Nicaragua	0 (0-0)	0.1 (0-0.6)	0 (0-0)	0.1 (-2.8-3.3)	0 (0-0)	-0.3 (-13.2-14.1)	0 (0-0)	-18.5 (-39-4.1)	0 (0-0)	5.5 (-44.1-91.1)	0 (0-0)	-24.8 (-30.3--19)
Panama	0 (0-0)	0 (0-0)	0 (0-0)	-0.3 (-2.7-2.4)	0 (0-0)	1.5 (-8.6-12.5)	0 (0-0)	-4.3 (-21.8-19.4)	0 (0-0)	-2.4 (-41.9-79.3)	0 (0-0)	-14.6 (-19.7--9.5)
Venezuela (Bolivarian Republic of)	0.1 (0.1-0.2)	-1.6 (-27.1-23.2)	0.1 (0.1-0.1)	-1.4 (-26.1-23.1)	0 (0-0)	-3.9 (-24.5-25.7)	0 (0-0)	-19.4 (-41.3-7.2)	0 (0-0)	-13.4 (-56.7-65.8)	0 (0-0)	-30.2 (-46.2--12.3)
Tropical Latin America	2.5 (2-3.2)	19.8 (12.9-26.3)	2.4 (1.9-3.1)	18.8 (12.1-25.3)	2.2 (1.7-2.8)	18.8 (12.4-25.3)	1.7 (1.4-2.2)	15.6 (9-21.9)	0.2 (0.1-0.3)	5.7 (-1.2-12.2)	1.4 (1.1-1.9)	2.8 (-3-8.4)
Brazil	2.4 (1.9-3.1)	20.9 (13.6-27.9)	2.3 (1.9-3)	20 (12.8-27)	2.1 (1.7-2.7)	19.8 (13-26.7)	1.7 (1.4-2.2)	16 (9.2-22.5)	0.2 (0.1-0.3)	5.9 (-1.2-12.6)	1.4 (1.1-1.8)	3.4 (-2.9-9.4)
Acre	2.1 (1.3-3.2)	3.5 (-13.2-18.3)	2 (1.3-3.1)	3.3 (-13.3-18)	1.8 (1.1-2.8)	2.8 (-13.7-16.8)	1.4 (0.9-2.2)	1.3 (-14.6-14.5)	0.2 (0.1-0.3)	4.2 (-10.8-19.8)	1.3 (0.9-2.1)	-5.8 (-20.7-6.8)
Alagoas	1.1 (0.7-1.7)	58.2 (0-180)	1 (0.6-1.6)	57.4 (-0.6-178)	0.9 (0.6-1.5)	56.1 (-1.7-174)	0.7 (0.5-1.2)	51.8 (-5.3-163)	0.1 (0-0.2)	52.7 (-7.6-164)	0.7 (0.4-1)	40 (-12.4-144)
Amapá	0 (0-0.1)	40.2 (0-1930)	0 (0-0.1)	39.8 (-0.7-1920)	0 (0-0.1)	38.4 (-2.4-1860)	0 (0-0.1)	33.8 (-6.6-1660)	0 (0-0)	32.7 (-12-1530)	0 (0-0.1)	24.2 (-13-1580)
Amazonas	5.9 (4.7-7.3)	25.5 (14.7-38.9)	5.7 (4.6-7.1)	25.1 (14.4-38.3)	5.2 (4.1-6.4)	24.1 (13.6-36.5)	4.2 (3.3-5.2)	20.1 (10.5-31.8)	0.5 (0.3-0.7)	10.8 (-0.4-24)	3.9 (3.1-4.9)	11.5 (2.5-22.7)
Bahia	3.5 (2.9-4.3)	22.3 (12.2-34.4)	3.4 (2.8-4.2)	21.8 (11.8-34.1)	3.1 (2.5-3.7)	20.8 (11.2-33)	2.4 (2-3)	15.4 (5.7-26.4)	0.3 (0.2-0.4)	13.1 (0.2-27.4)	2.1 (1.7-2.6)	5.3 (-3.3-15.5)
Ceará	1.2 (0.9-1.7)	26.6 (0-72)	1.2 (0.8-1.6)	26.3 (-0.2-71.3)	1 (0.7-1.4)	25.5 (-0.7-70.7)	0.8 (0.6-1.1)	21.3 (-4.2-64.4)	0.1 (0.1-0.2)	24.8 (-2.1-68)	0.7 (0.5-1)	11.8 (-11.6-51.2)
Distrito Federal	8.9 (7.4-10.7)	3.2 (-5.4-11)	8.7 (7.2-10.3)	2.9 (-5.6-10.8)	7.9 (6.6-9.4)	2.3 (-6.1-10.1)	6.3 (5.2-7.5)	-1.3 (-8.9-6.5)	0.8 (0.6-1.1)	-14.1 (-22.4--5.4)	5.4 (4.5-6.4)	-12.9 (-19.9--6)
Espírito Santo	1.3 (0.8-1.9)	5.8 (-18.6-29.3)	1.2 (0.8-1.8)	5.5 (-18.5-29)	1.1 (0.7-1.7)	5 (-18.9-28.2)	0.9 (0.6-1.3)	2 (-20.7-25.3)	0.1 (0.1-0.2)	-7.7 (-28.2-14.3)	0.7 (0.5-1.1)	-11 (-31-8.8)
Goiás	3.1 (2.5-3.9)	12 (2.1-22.8)	3 (2.4-3.8)	11.7 (2-22.2)	2.7 (2.2-3.4)	10.7 (0.8-21)	2.1 (1.7-2.6)	7 (-2.4-16.4)	0.2 (0.2-0.3)	-1.8 (-12.9-10.7)	1.8 (1.4-2.2)	-6 (-14.3-2.4)
Maranhão	1.5 (1.1-2.1)	23.3 (6.4-46.5)	1.5 (1.1-2)	22.6 (6-45.7)	1.3 (0.9-1.7)	21.6 (5.2-44.2)	1 (0.7-1.4)	17 (1.7-36.4)	0.1 (0.1-0.2)	19.6 (0.7-40.7)	1 (0.7-1.3)	12.4 (-2.4-32.6)
Mato Grosso	2 (1.4-2.8)	30.9 (15.8-50)	1.9 (1.4-2.7)	30.6 (15.3-49.6)	1.7 (1.2-2.4)	29.3 (14.2-48.2)	1.3 (1-1.9)	24.4 (10.1-43)	0.2 (0.1-0.3)	11.5 (-4.2-28.9)	1.1 (0.8-1.6)	9.6 (-3-26)
Mato Grosso do Sul	2.8 (2-3.8)	6.8 (-6.4-17.7)	2.7 (1.9-3.7)	6.5 (-6.5-17.2)	2.5 (1.8-3.4)	5.6 (-7.3-16.1)	1.9 (1.4-2.7)	2.1 (-10.1-12)	0.2 (0.1-0.3)	-7.4 (-20.5-4.7)	1.6 (1.2-2.2)	-10 (-20.9--1.2)
Minas Gerais	2.7 (2.1-3.4)	16.5 (3.5-29.3)	2.6 (2.1-3.3)	16.3 (3.4-29.2)	2.4 (1.9-3)	15.4 (2.5-27.5)	2 (1.6-2.4)	12.1 (0-23.4)	0.2 (0.1-0.3)	-1.8 (-14.4-11.1)	1.6 (1.3-1.9)	-3.2 (-13.5-6.6)
Pará	2 (1.5-2.5)	22.4 (13-32.7)	1.9 (1.4-2.5)	22 (12.6-32.1)	1.7 (1.3-2.2)	20.8 (11.1-30.8)	1.3 (1-1.7)	16.8 (6.6-26.8)	0.2 (0.1-0.2)	13.1 (1.1-26.2)	1.2 (0.9-1.6)	8.7 (-0.5-18.4)
Paraíba	1.8 (1.2-2.5)	43.7 (17.5-76.2)	1.7 (1.2-2.5)	43.3 (16.8-76.2)	1.6 (1.1-2.3)	42.6 (16.4-74.9)	1.2 (0.8-1.8)	37.2 (11.8-69.6)	0.1 (0.1-0.2)	44 (14.9-85.1)	1.1 (0.7-1.5)	27.4 (3.9-57)
Paraná	2 (1.6-2.6)	22.6 (12.3-31.9)	1.9 (1.5-2.5)	22.3 (12.3-31.8)	1.8 (1.4-2.3)	21.5 (11.5-30.7)	1.4 (1.1-1.8)	18.6 (9.4-28.1)	0.2 (0.1-0.2)	5.5 (-4.7-17.2)	1.1 (0.9-1.5)	1.8 (-6-9.8)
Pernambuco	1.5 (1.1-2.2)	48.2 (16.5-103)	1.4 (1-2.1)	47.7 (15.9-102)	1.3 (0.9-1.9)	46.6 (14.5-101)	1 (0.7-1.5)	40.8 (10.3-91.8)	0.1 (0.1-0.2)	40.4 (6.8-90.6)	0.9 (0.6-1.3)	29.7 (1.5-77.8)
Piauí	3.3 (2.5-4.3)	25.1 (13.5-34.9)	3.1 (2.4-4.1)	24.7 (13-34.5)	2.8 (2.1-3.6)	23.9 (12.5-33.6)	2.2 (1.7-2.9)	18.8 (7.3-29.2)	0.2 (0.2-0.4)	12.3 (-1.1-25.4)	2 (1.5-2.5)	8.9 (-1.9-17.7)
Rio de Janeiro	2.4 (1.9-3)	13.1 (2.7-25.9)	2.3 (1.8-3)	12.9 (2.7-25.6)	2.1 (1.7-2.7)	12.2 (2-24.2)	1.6 (1.3-2.1)	9.6 (-0.2-20.1)	0.2 (0.1-0.2)	-6.8 (-18.4-5.8)	1.3 (1-1.6)	-4.1 (-12.5-5.5)
Rio Grande do Norte	1.3 (0.9-2)	37.5 (0-112)	1.3 (0.9-1.9)	37 (-0.3-111)	1.1 (0.8-1.7)	36 (-0.9-108)	0.9 (0.6-1.4)	31.1 (-4.4-101)	0.1 (0.1-0.2)	34.5 (-2.8-106)	0.8 (0.5-1.2)	19.4 (-13.1-82.8)
Rio Grande do Sul	3.2 (2.4-4.3)	39.9 (24.9-57.7)	3.1 (2.3-4.2)	39.6 (24.7-57.3)	2.9 (2.1-3.8)	38.6 (23.8-55.8)	2.3 (1.7-3)	35.7 (21.6-53.4)	0.2 (0.1-0.3)	6.1 (-8.6-22.1)	1.7 (1.3-2.3)	14.2 (2.3-28.7)
Rondônia	2.1 (1.4-3.1)	18.8 (6.9-33)	2 (1.4-3)	18.5 (6.4-32.7)	1.8 (1.2-2.7)	17.2 (5.3-31.7)	1.4 (1-2)	12.5 (1.1-27.2)	0.2 (0.1-0.3)	3.9 (-10.7-19)	1.2 (0.8-1.8)	-1.1 (-11.1-11.8)
Roraima	0.2 (0.1-0.5)	25.4 (-47-368)	0.2 (0.1-0.4)	24.7 (-47.4-366)	0.2 (0.1-0.4)	21.7 (-48.5-357)	0.1 (0.1-0.3)	14.4 (-51.5-330)	0 (0-0)	-2.7 (-60.1-246)	0.1 (0.1-0.3)	6.2 (-55.2-297)
Santa Catarina	1.9 (1.4-2.6)	38 (21.5-55.3)	1.8 (1.3-2.5)	37.7 (21.2-55.4)	1.7 (1.2-2.3)	36.8 (20.7-54.6)	1.4 (1-1.8)	33.3 (18.4-51.2)	0.2 (0.1-0.3)	14.4 (-0.6-31.7)	1.1 (0.8-1.5)	14.3 (1.3-29.5)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
São Paulo	2.3 (1.9-2.8)	18.2 (6.7-30.7)	2.2 (1.8-2.7)	18 (6.5-30.4)	2 (1.6-2.5)	17.4 (5.8-29.3)	1.6 (1.3-2)	14.2 (2.9-25.5)	0.2 (0.1-0.2)	-1.9 (-13.3-10.7)	1.3 (1-1.6)	-0.9 (-10.6-8.6)
Sergipe	2.7 (1.9-3.8)	34.4 (21.2-49.8)	2.6 (1.8-3.6)	33.9 (21-48.8)	2.3 (1.6-3.2)	32.7 (19.5-46.6)	1.8 (1.2-2.5)	27.5 (14.5-40.2)	0.2 (0.1-0.3)	28.2 (11.6-45.3)	1.6 (1.1-2.2)	15.4 (4.1-27.3)
Tocantins	3.1 (2.2-4.2)	27 (14.1-39.3)	3 (2.1-4.1)	26.5 (13.8-38.8)	2.7 (1.9-3.6)	25.3 (13.1-37.9)	2.1 (1.5-2.9)	20.6 (8.9-33.1)	0.2 (0.2-0.4)	17.6 (3.7-33)	1.9 (1.4-2.5)	10.1 (-0.5-21.5)
Paraguay	4.3 (3.2-5.8)	0.3 (-8.7-9.2)	4 (2.9-5.4)	0.3 (-8.6-9.1)	3.3 (2.5-4.5)	0.2 (-8-8.9)	2.4 (1.7-3.1)	-1.6 (-10-7.8)	0.2 (0.1-0.3)	-3.5 (-16.6-10.1)	2.3 (1.7-3.1)	-10.4 (-17.6--2.5)
North Africa and Middle East	32.3 (23.9-43.7)	-3.4 (-6.9-0.8)	20.3 (15-26.8)	-7.5 (-11--3.6)	6.8 (4.9-9)	-3.5 (-8.2-1.6)	2 (1.4-2.6)	-5.2 (-9.8-0)	0.1 (0-0.1)	18.1 (10.1-26.8)	4.3 (3.3-5.5)	-23.4 (-26.8--19.8)
North Africa and Middle East	32.3 (23.9-43.7)	-3.4 (-6.9-0.8)	20.3 (15-26.8)	-7.5 (-11--3.6)	6.8 (4.9-9)	-3.5 (-8.2-1.6)	2 (1.4-2.6)	-5.2 (-9.8-0)	0.1 (0-0.1)	18.1 (10.1-26.8)	4.3 (3.3-5.5)	-23.4 (-26.8--19.8)
Afghanistan	28.7 (18.3-42.9)	0.3 (-11.3-12.3)	16.3 (10.6-23.9)	0 (-11.2-11.4)	3.8 (2.6-5.4)	-3.1 (-15.9-10.7)	0.9 (0.6-1.3)	3.2 (-10.8-20.1)	0 (0-0)	82.6 (31.7-157)	4.2 (3-5.9)	-11.7 (-20.3--2.2)
Algeria	9.6 (6.9-13.2)	0.7 (-8.1-10.5)	5.9 (4.3-7.9)	-0.2 (-8.8-9.7)	1.7 (1.1-2.4)	4.2 (-9.7-19.7)	0.4 (0.3-0.5)	-19.4 (-31.1--6.4)	0 (0-0)	6.6 (-17.4-38.9)	1.1 (0.8-1.4)	-13.9 (-22.2--5.5)
Bahrain	85.9 (59.1-124)	0 (-12.1-12.4)	57.4 (40.3-79.7)	-1.6 (-13.2-9.3)	19.1 (12.9-26.4)	-1.7 (-14.9-10.7)	3.8 (2.7-5.2)	-23.4 (-33--11.5)	0.2 (0.1-0.4)	2.2 (-16.8-22.8)	7.1 (5.2-9.2)	-44.7 (-50.2--38.8)
Egypt	16.3 (12.6-20.8)	-0.2 (-9.8-10.2)	9.5 (7.3-12)	-2.9 (-13-7.1)	2.7 (1.9-3.6)	1.6 (-11-16.1)	0.7 (0.5-1)	-7 (-18.5-7.4)	0 (0-0)	-2.8 (-23.5-25.8)	2 (1.5-2.4)	-12.3 (-20.3--3.5)
Iran (Islamic Republic of)	11.8 (7.8-17.9)	-1 (-3.9-2.3)	7.6 (5.1-11.3)	-3.2 (-5.9--0.4)	2.3 (1.6-3.2)	2.5 (-1.1-6)	0.4 (0.3-0.6)	-28.9 (-33.3--24.5)	0 (0-0)	5.1 (-2.3-12.9)	1.2 (0.9-1.7)	-26.2 (-28.2--24.2)
Alborz	8.8 (5.8-13.7)	-0.3 (-10.7-13.2)	6.3 (4.1-9.6)	-2.1 (-12.4-10.6)	2.1 (1.4-3)	2.7 (-10.8-17.1)	0.4 (0.3-0.5)	-30.7 (-39.3--20.7)	0 (0-0)	-4 (-23.5-24.8)	1 (0.7-1.4)	-30.6 (-37.4--22.5)
Ardebil	10.2 (6.6-15.4)	0.8 (-12.5-15.3)	6.1 (4-8.8)	-1 (-13.5-12.5)	1.6 (1.1-2.3)	4.5 (-10.6-18.8)	0.3 (0.2-0.4)	-29.9 (-40.7--17.8)	0 (0-0)	15.4 (-10.3-51)	0.9 (0.6-1.2)	-31 (-38.9--23)
Bushehr	18.1 (11.9-27.8)	-3.2 (-14.8-11.1)	11.9 (7.8-17.5)	-5 (-16.9-7.8)	3.6 (2.5-5.2)	-1.7 (-13-10.6)	0.8 (0.6-1.1)	-24 (-32.9--13.6)	0 (0-0)	1.3 (-17.2-24.4)	2.2 (1.6-3)	-23.6 (-31.5--14.9)
Chahar Mahaal and Bakhtiari	18.6 (12.1-27.4)	1.1 (-12.1-16.2)	11.9 (7.7-17.2)	-0.7 (-12.6-12.6)	3.4 (2.3-4.8)	4.2 (-9.8-19.6)	0.7 (0.5-1)	-28.1 (-38.4--16.4)	0 (0-0)	6.9 (-14.6-33.7)	2 (1.4-2.8)	-26.2 (-34.1--17.2)
East Azarbaijean	10.4 (6.8-15.9)	-0.5 (-10.3-13.6)	6.4 (4.2-9.4)	-3.9 (-13.9-8.6)	1.7 (1.1-2.4)	4 (-10.5-20.4)	0.3 (0.2-0.4)	-32.3 (-43.4--19.9)	0 (0-0)	8 (-19.6-42.7)	0.9 (0.6-1.3)	-24.2 (-32--15.2)
Fars	17.2 (11.2-25.8)	-2.5 (-13-9.1)	11.3 (7.5-16.9)	-4.1 (-14.4-7)	3.4 (2.3-4.9)	2.5 (-10.4-17.4)	0.6 (0.4-0.8)	-33.8 (-42.7--22.8)	0 (0-0)	1 (-21.5-34.1)	1.7 (1.2-2.3)	-31.3 (-38.6--24.1)
Gilan	8.3 (5.4-12.7)	0.2 (-11.3-13.3)	5.8 (3.8-8.5)	-0.9 (-11.8-11.3)	1.9 (1.3-2.8)	2.5 (-10.4-17.1)	0.4 (0.2-0.5)	-28.1 (-39.2--16.6)	0 (0-0)	8.1 (-19.6-37.6)	0.8 (0.5-1)	-35.3 (-42.3--28.3)
Golestan	10.1 (6.6-15.7)	-0.1 (-13.7-14)	6.3 (4.1-9.5)	-2.7 (-16.2-10.5)	1.8 (1.2-2.6)	4 (-9.4-18.7)	0.3 (0.2-0.5)	-29.7 (-39.7--18)	0 (0-0)	7.2 (-19.9-43.4)	1.1 (0.8-1.5)	-23.3 (-31.7--13.9)
Hamadan	12.7 (8.4-19.4)	0.4 (-10.8-12.7)	7.9 (5.2-11.5)	-1.5 (-12.8-11)	2.3 (1.6-3.3)	5.5 (-8.6-19.7)	0.4 (0.3-0.6)	-30.7 (-40.6--20.6)	0 (0-0)	1.7 (-23.2-31.6)	1.1 (0.8-1.6)	-30.1 (-37.5--22.7)
Hormozgan	11.7 (7.7-17.6)	3.5 (-9.6-18.2)	7.3 (4.8-10.7)	1.4 (-10.2-16.3)	2.1 (1.4-3)	6.5 (-6.9-22.2)	0.4 (0.3-0.6)	-23.3 (-33.6--11.6)	0 (0-0)	19.1 (-12.6-55.5)	1.4 (1-1.9)	-19.4 (-27.3--10.3)
Ilam	13.1 (8.6-19.7)	-0.9 (-11.2-12.1)	8.3 (5.6-12.2)	-2.8 (-12.6-9.4)	2.5 (1.7-3.5)	3 (-9.9-18.4)	0.5 (0.3-0.7)	-30.7 (-41--18.8)	0 (0-0)	4.1 (-19.6-33.4)	1.2 (0.9-1.7)	-35.4 (-41.7--27.9)
Isfahan	15.2 (10-23.1)	-1 (-13.8-14.8)	10 (6.6-14.9)	-2.5 (-13.9-11.2)	3.1 (2.1-4.4)	2.8 (-9.8-17)	0.6 (0.4-0.8)	-29.5 (-39.8--19.5)	0 (0-0)	4.7 (-18.5-30.6)	1.4 (1-1.9)	-30.5 (-37.5--22.6)
Kerman	10.6 (7-16.3)	0.1 (-11.7-12.9)	6.7 (4.5-10)	-1.9 (-12.6-11.5)	2.1 (1.4-3)	3.2 (-8.9-17.1)	0.4 (0.3-0.5)	-30.4 (-39.3--19.6)	0 (0-0)	6.6 (-16.6-43.5)	1.2 (0.9-1.7)	-22.3 (-30--13.3)
Kermanshah	12.5 (8.3-19.4)	-0.7 (-12.6-12.1)	7.9 (5.2-11.9)	-2.1 (-13.9-8.8)	2.5 (1.7-3.6)	5.6 (-8-21)	0.4 (0.3-0.6)	-31.8 (-41.3--20.6)	0 (0-0)	0.8 (-23.8-35.1)	1.2 (0.8-1.6)	-30.7 (-38.3--22.8)
Khorasan-e-Razavi	10.5 (6.8-16.2)	-0.5 (-12.1-15)	6.4 (4.2-9.5)	-2.9 (-13.3-10.8)	1.7 (1.1-2.4)	4.2 (-8.5-21.2)	0.3 (0.2-0.4)	-28.9 (-39.7--16.4)	0 (0-0)	13.1 (-15.6-48.9)	1.1 (0.8-1.5)	-22.5 (-30.1--13.4)
Khuzestan	18.9 (12-28.2)	-0.8 (-13.8-14.7)	12.2 (8.1-17.8)	-3 (-15.7-10.8)	3.7 (2.5-5.3)	4 (-10.3-18.6)	0.7 (0.5-1)	-29.9 (-39.5--19.1)	0 (0-0)	0.3 (-20.4-27.7)	2.2 (1.6-3.1)	-22.7 (-31.5--13.5)
Kohgiluyeh and Boyer-Ahmad	23 (14.7-34.3)	0.4 (-13.6-14.2)	14.8 (9.4-21.6)	-1.4 (-14.6-11.4)	4.3 (2.9-6.2)	3.9 (-10.5-18.4)	0.7 (0.5-1)	-30.4 (-40.4--19.3)	0 (0-0)	11.1 (-10.6-40.1)	2.5 (1.8-3.6)	-27.6 (-36.2--18.9)
Kurdistan	12.1 (8-18.4)	-1 (-12.2-13.8)	7.2 (4.7-10.6)	-2.2 (-13.1-11.5)	1.9 (1.2-2.6)	3.8 (-9.4-19)	0.4 (0.2-0.5)	-29.6 (-39.3--18.4)	0 (0-0)	-0.7 (-23-31.9)	1 (0.8-1.4)	-30.1 (-37--21.4)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Lorestan	13.4 (8.7-20.2)	-0.7 (-11.9-11.5)	8.6 (5.6-12.8)	-2.5 (-13.5-8.3)	2.6 (1.7-3.7)	4.4 (-10-19.7)	0.5 (0.3-0.7)	-29.5 (-40.3--18)	0 (0-0)	6.3 (-18.8-37.4)	1.4 (1-2)	-30.3 (-37.9--22.5)
Markazi	11.9 (7.9-18.1)	-1.4 (-14.3-13.5)	7.8 (5.1-11.7)	-2.9 (-14.7-10.9)	2.4 (1.6-3.4)	3.8 (-9.6-18.2)	0.4 (0.3-0.6)	-30.8 (-39.4--20.8)	0 (0-0)	13.9 (-9.8-45.4)	1.1 (0.8-1.5)	-30.9 (-38--23.2)
Mazandaran	8.6 (5.7-12.9)	-0.4 (-11.5-13.5)	6 (3.9-8.6)	-1.7 (-11.8-10.8)	1.9 (1.3-2.8)	2.4 (-8.6-16.1)	0.4 (0.2-0.5)	-29 (-38.1--17.8)	0 (0-0)	0.9 (-20.5-35.7)	0.8 (0.6-1.1)	-33.9 (-40.1--26.7)
North Khorasan	10.6 (6.7-16.7)	-1.3 (-15.3-13.2)	6.4 (4.2-9.5)	-4.2 (-16-9.9)	1.7 (1.1-2.4)	1.7 (-12.5-16.5)	0.3 (0.2-0.4)	-22.7 (-33.4--9)	0 (0-0)	6.1 (-18.7-43.5)	1 (0.7-1.5)	-30 (-38.1--20.7)
Qazvin	10.2 (6.5-15.4)	-0.6 (-12.6-13.3)	6.4 (4.1-9.4)	-2.2 (-14.4-12.1)	1.9 (1.2-2.6)	4.5 (-7.8-19.5)	0.4 (0.2-0.5)	-30.1 (-39.9--18)	0 (0-0)	14.9 (-13.4-51.2)	1 (0.7-1.3)	-27.6 (-35.1--18.6)
Qom	10.8 (6.7-16.8)	-0.2 (-12.7-14.4)	7.2 (4.5-10.8)	-1.5 (-13.6-11.7)	2.2 (1.5-3.2)	3.7 (-8.5-17.5)	0.4 (0.3-0.6)	-26.1 (-36.3--14.9)	0 (0-0)	7.1 (-18.6-36.6)	1.2 (0.9-1.7)	-22.2 (-30.2--13.8)
Semnan	9.1 (5.9-13.7)	-0.9 (-13.4-13.4)	6.1 (3.9-9.2)	-1.7 (-13.8-11.6)	1.9 (1.3-2.8)	3.5 (-9.8-18.4)	0.4 (0.3-0.6)	-24.2 (-34.1--12)	0 (0-0)	10.3 (-14.5-40.8)	1 (0.7-1.3)	-23.9 (-32.6--14.7)
Sistan and Baluchistan	11.6 (7.6-17.7)	-0.1 (-11.1-10.7)	6.9 (4.5-10.1)	-2.6 (-13.2-8.8)	1.7 (1.2-2.5)	-0.1 (-13.6-14.9)	0.4 (0.2-0.5)	-20.8 (-32.2--7.1)	0 (0-0)	6.4 (-25.4-45.2)	1.6 (1.1-2.3)	-13.4 (-22.4--3.8)
South Khorasan	10.4 (6.9-16.2)	-0.7 (-11.4-14)	6.2 (4.1-9.2)	-2.6 (-13-10.3)	1.6 (1.1-2.3)	2.2 (-10.5-18.2)	0.3 (0.2-0.5)	-24.1 (-34.4--11.7)	0 (0-0)	16.5 (-9.1-48.6)	1.1 (0.7-1.5)	-23.1 (-30.8--14.2)
Tehran	8 (5.1-12.3)	-0.5 (-11.8-11.4)	5.8 (3.8-8.8)	-2.2 (-12.8-9.1)	2 (1.4-2.9)	4.6 (-7.7-18.5)	0.4 (0.3-0.6)	-26.6 (-37.1--15.5)	0 (0-0)	-5.4 (-26-18)	0.9 (0.6-1.2)	-25 (-32.4--17.5)
West Azarbayejan	10.8 (7-16.6)	1.1 (-10.1-16)	6.6 (4.3-9.9)	-1.1 (-12.6-11.6)	1.8 (1.2-2.5)	6.2 (-6.8-21.4)	0.3 (0.2-0.5)	-26.8 (-37--13.8)	0 (0-0)	12.7 (-14.6-47.3)	1.1 (0.8-1.5)	-17.3 (-25.7--7.8)
Yazd	11.6 (7.6-17.7)	1 (-12.7-14.3)	7.8 (5.2-11.3)	-1.2 (-14-11)	2.5 (1.6-3.5)	5.4 (-7.8-21.1)	0.5 (0.3-0.7)	-26.6 (-36.4--15.3)	0 (0-0)	13.9 (-10.4-45)	1.4 (1-1.9)	-17.7 (-26.4--7.9)
Zanjan	10.7 (6.9-16.7)	0.1 (-14.6-14.2)	6.4 (4.2-9.6)	-1.9 (-14.5-12.5)	1.7 (1.2-2.4)	5.3 (-9.6-21.6)	0.3 (0.2-0.5)	-29.6 (-39.4--17.8)	0 (0-0)	11.1 (-15.1-44.5)	1 (0.7-1.3)	-28.3 (-36.6--19.3)
Iraq	112 (81.9-149)	-0.2 (-11.2-13)	77.3 (58.1-102)	-0.8 (-10.8-11.1)	31.6 (23.1-41.8)	-1.5 (-11.7-9.9)	9.9 (7.3-12.9)	-6.9 (-15.9-2.3)	0.3 (0.2-0.5)	3.2 (-12.1-18.8)	20.3 (15.6-26)	-24.3 (-31.6--16.1)
Jordan	23.4 (15.1-35.5)	-0.3 (-12.2-14.9)	16.2 (10.7-23.6)	-1 (-12.4-14.2)	5.4 (3.6-7.4)	-0.8 (-12.7-12.7)	1.6 (1.1-2.2)	-8.8 (-20.2-2.8)	0.1 (0-0.1)	15.2 (-7.3-37.1)	3.6 (2.6-4.9)	-21.7 (-29.3--12.8)
Kuwait	29.6 (19.3-43.9)	0.5 (-13.1-14.6)	21.6 (14.1-31.4)	0 (-12.7-13.9)	8 (5.5-11.1)	0.4 (-11.8-14.9)	1.9 (1.4-2.7)	-14.9 (-24.9--3)	0.1 (0.1-0.2)	24.3 (3.3-49.1)	3.6 (2.6-4.9)	-28 (-35.8--20)
Lebanon	11 (7.5-15.9)	3.7 (-7.1-17.6)	8.1 (5.5-11.5)	2.5 (-8.3-15)	3.1 (2.1-4.3)	7.2 (-6.4-21.5)	0.8 (0.5-1.1)	-9.1 (-19.6-4.2)	0 (0-0)	6.1 (-14.3-31.4)	1.7 (1.2-2.2)	-12.3 (-21--3.3)
Libya	643 (442-910)	0.9 (-9.9-14.9)	410 (288-566)	-0.5 (-11.9-12.3)	138 (97.7-191)	-2.3 (-14.2-11.5)	36.9 (26.5-49.8)	-22.1 (-31--11.3)	1.7 (1.1-2.5)	20.5 (3.4-41.1)	66.8 (49.3-88.6)	-38.8 (-45.2--30.9)
Morocco	14.8 (10.7-19.8)	0.7 (-9.9-11.8)	8.8 (6.3-11.7)	-1.9 (-11.8-8.9)	2.4 (1.6-3.3)	-0.5 (-12.8-13.8)	0.6 (0.4-0.8)	-10.2 (-21.3-2.5)	0 (0-0)	4.3 (-17.9-35.1)	1.4 (1.1-1.8)	-27.8 (-35.2--20.5)
Oman	167 (117-227)	-0.4 (-13-11.1)	110 (77.9-146)	-1.3 (-12.7-10.5)	34.4 (23.5-47.4)	3 (-10.1-19.5)	7.2 (5-10.1)	-21.2 (-31.8--8.1)	0.4 (0.2-0.5)	7.4 (-11.9-31.9)	20.4 (15.4-26)	-24.2 (-31.4--15.6)
Palestine	21 (13.6-31.9)	0.7 (-11.8-15.3)	13.7 (9-20)	-1.3 (-12.5-14.5)	4.1 (2.8-5.8)	-2.2 (-14.1-13.3)	1.4 (0.9-1.9)	-5.8 (-17.2-7.7)	0.1 (0-0.1)	15.7 (-6.2-38.9)	3.3 (2.4-4.5)	-23.9 (-32.3--12.5)
Qatar	32 (20.9-49.3)	1.3 (-11-16.6)	23.8 (15.7-36.1)	-0.2 (-12-13.3)	9.8 (6.8-13.6)	0.9 (-10.4-13.3)	2.3 (1.6-3.2)	3.3 (-8.1-16.3)	0.1 (0.1-0.2)	-9.9 (-26.8-10.3)	4 (2.9-5.3)	-27.4 (-35.1--19.4)
Saudi Arabia	24.6 (18-32.2)	1.2 (-8.2-11)	16.1 (11.8-20.8)	1 (-8.5-11.2)	5.6 (3.9-7.6)	0.2 (-11.8-12.8)	1.2 (0.8-1.7)	-20.6 (-31.6--6.9)	0 (0-0.1)	11.2 (-14.2-40.2)	2.5 (1.9-3.2)	-39.6 (-45.9--33.2)
Sudan	40.7 (31.7-53.3)	-1.5 (-10.8-8.7)	23.4 (18.4-30.7)	-4.1 (-13.1-6.4)	5.9 (4.1-8.1)	-2.2 (-15.2-12.7)	1.6 (1.1-2.2)	-4.4 (-16.6-9.5)	0 (0-0.1)	12.7 (-12.8-43.8)	5.3 (4.2-6.7)	-21.4 (-29.8--13.3)
Syrian Arab Republic	21.4 (15.9-28.3)	-0.1 (-9.2-13)	13.9 (10.3-18)	-0.6 (-10.3-11.8)	3.8 (2.7-5.2)	-7.4 (-18.8-6.6)	1.1 (0.8-1.6)	-8.2 (-19.8-5)	0 (0-0.1)	2.2 (-18-32.1)	2.3 (1.7-2.9)	-40.4 (-46.2--33.9)
Tunisia	21.3 (15.2-29.3)	0.1 (-12-12.8)	13.7 (9.6-18.7)	-2 (-12.6-9.5)	4 (2.8-5.7)	1.6 (-11.6-18.1)	1 (0.7-1.4)	-17.5 (-27.8--5.6)	0 (0-0.1)	1.5 (-17.2-24.9)	2.1 (1.6-2.7)	-26.1 (-33.3--18.2)
Türkiye	12.5 (9.4-17)	0.5 (-10.6-12.1)	7.8 (6-10.5)	0.2 (-9.9-10.8)	2.8 (2.2-3.6)	0.2 (-10.1-13)	0.9 (0.7-1.2)	-8.5 (-17.4-2.3)	0 (0-0.1)	-3.2 (-20.6-14.1)	1.3 (1.1-1.6)	-31.3 (-37.1--24.6)
United Arab Emirates	3.5 (2.5-5)	-1.7 (-11-10.7)	2.6 (1.9-3.7)	-3 (-12.5-8.7)	1 (0.7-1.4)	-2 (-12.2-10.4)	0.2 (0.1-0.2)	-36.2 (-46.5--23.5)	0 (0-0)	-2.3 (-30.5-32.5)	0.3 (0.2-0.4)	-39.8 (-45.4--33.6)
Yemen	15 (11.2-20.2)	0.6 (-7.7-11.2)	8.6 (6.4-11.5)	-2.6 (-11.5-6.8)	2.2 (1.5-3.1)	-0.4 (-12.3-14.3)	0.5 (0.4-0.8)	-10.6 (-22.5-4.7)	0 (0-0)	0.9 (-24.7-38.3)	2 (1.5-2.6)	-22.1 (-29.8--14.5)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
South Asia	12.7 (8.2-19)	-1.2 (-4.1-1.4)	7.8 (5-11.6)	-1.2 (-4-1.3)	1.1 (0.7-1.7)	-5.4 (-8.8--2)	0 (0-0.1)	-14.5 (-19.3--9.7)	0 (0-0)	6.7 (-7.8-23.6)	0.9 (0.6-1.3)	-31.3 (-33.4--29.4)
South Asia	12.7 (8.2-19)	-1.2 (-4.1-1.4)	7.8 (5-11.6)	-1.2 (-4-1.3)	1.1 (0.7-1.7)	-5.4 (-8.8--2)	0 (0-0.1)	-14.5 (-19.3--9.7)	0 (0-0)	6.7 (-7.8-23.6)	0.9 (0.6-1.3)	-31.3 (-33.4--29.4)
Bangladesh	1 (0.6-1.5)	0.1 (-11-11.7)	0.5 (0.3-0.8)	-0.3 (-11.1-11.7)	0.1 (0-0.1)	-1.3 (-16.4-20.1)	0 (0-0)	-13.2 (-41.5-28.7)	0 (0-0)	9.5 (-54.6-140)	0.1 (0-0.1)	-37.9 (-45.2--29.7)
Bhutan	1 (0.6-1.5)	0.1 (-12.6-12.4)	0.5 (0.3-0.8)	-1.4 (-14.1-11.5)	0.1 (0-0.1)	-0.4 (-19.2-23)	0 (0-0)	-24.5 (-47.1-11.4)	0 (0-0)	-4.2 (-59-127)	0.1 (0-0.1)	-35.6 (-44.1--27.1)
India	17.8 (11.4-26.7)	2.1 (-0.9-4.9)	10.8 (7-16.1)	1.7 (-1.1-4.4)	1.5 (1-2.3)	-2.2 (-5.7-1.4)	0.1 (0-0.1)	-13.3 (-18.3--8.3)	0 (0-0)	7.4 (-7.2-24.7)	1.2 (0.8-1.7)	-30.6 (-32.7--28.6)
Nepal	1 (0.6-1.5)	-0.7 (-12.7-12.8)	0.6 (0.3-0.8)	-2.1 (-13.7-12.9)	0.1 (0-0.1)	-4.2 (-21-15.8)	0 (0-0)	-7.7 (-36.1-32.3)	0 (0-0)	-2.6 (-58.4-119)	0.1 (0-0.1)	-36.1 (-43.6--26.1)
Pakistan	0.7 (0.4-1.1)	-2.1 (-13.5-10)	0.4 (0.3-0.6)	-3.4 (-12.8-8.2)	0.1 (0-0.1)	-3.4 (-17.1-12.4)	0 (0-0)	-2 (-22.7-26.2)	0 (0-0)	4.6 (-35.4-80.4)	0.1 (0-0.1)	-25 (-33.1--15.7)
Azad Jammu & Kashmir	0.7 (0.4-1.1)	-2.3 (-23.2-8.9)	0.4 (0.2-0.6)	-4.1 (-23.1-8.3)	0 (0-0.1)	-5.7 (-24.7-19.7)	0 (0-0)	-21.2 (-47-17)	0 (0-0)	-3.4 (-63.8-166)	0 (0-0.1)	-34.6 (-46.4--25)
Balochistan	0.7 (0.4-1.1)	-0.1 (-16.4-21.9)	0.4 (0.2-0.6)	-0.3 (-17.7-18.7)	0 (0-0.1)	-2.6 (-24.9-28.2)	0 (0-0)	2 (-29.7-52.4)	0 (0-0)	7.4 (-51.4-168)	0.1 (0-0.1)	-8.1 (-24.7-11.2)
Gilgit-Baltistan	0.7 (0.4-1)	-1.9 (-20-16.2)	0.4 (0.2-0.6)	-2.4 (-19.6-15.4)	0 (0-0.1)	-1 (-22.6-23.4)	0 (0-0)	-4.1 (-34.8-44.1)	0 (0-0)	-5.9 (-61.6-123)	0.1 (0-0.1)	-9.1 (-24.7-6.7)
Islamabad Capital Territory	0.6 (0.3-0.9)	-0.5 (-24.2-39.1)	0.4 (0.2-0.5)	0.5 (-21.1-37)	0.1 (0-0.1)	1.2 (-23.8-30.1)	0 (0-0)	-18.7 (-43.6-23.5)	0 (0-0)	9.2 (-45.9-156)	0.1 (0-0.1)	-21 (-37.6-4)
Khyber Pakhtunkhwa	0.6 (0.4-1)	-2 (-25.9-17.2)	0.4 (0.2-0.6)	-5.1 (-27-14.2)	0.1 (0-0.1)	-7 (-27.7-21.1)	0 (0-0)	0.6 (-32.3-51)	0 (0-0)	-5.8 (-59-123)	0.1 (0-0.1)	-11.7 (-31.8-7.4)
Punjab	0.7 (0.5-1.1)	-0.5 (-15.3-19.4)	0.4 (0.3-0.7)	-2.2 (-16.5-18.7)	0.1 (0-0.1)	-3.5 (-26.6-25.3)	0 (0-0)	-4.1 (-35-46.8)	0 (0-0)	4.3 (-58.3-178)	0.1 (0-0.1)	-31.6 (-42.1--16.7)
Sindh	0.7 (0.4-1.1)	-0.2 (-14.8-15.2)	0.4 (0.2-0.6)	-2 (-16.9-14.2)	0.1 (0-0.1)	-2.7 (-22.5-21)	0 (0-0)	0.2 (-32.5-48)	0 (0-0)	0.4 (-57.1-143)	0.1 (0-0.1)	-25.6 (-37.3--13)
Southeast Asia, East Asia, and Oceania	0.1 (0.1-0.1)	-0.2 (-3.9-6.9)	0.1 (0-0.1)	0 (-3.8-7.1)	0 (0-0)	8.6 (2.9-17.3)	0 (0-0)	-1.7 (-10.3-8.6)	0 (0-0)	3.2 (-12.8-25.8)	0 (0-0)	-20.7 (-23.7--14.6)
East Asia	0 (0-0)	0.2 (-4-1.8)	0 (0-0)	-3.6 (-9--1.3)	0 (0-0)	11.1 (5.8-16.4)	0 (0-0)	-15.5 (-21--9.7)	0 (0-0)	1.5 (-13.2-21.2)	0 (0-0)	-21.9 (-25.7--19.7)
China	0 (0-0)	-0.3 (-5-0.1)	0 (0-0)	-4.1 (-10--2.5)	0 (0-0)	11.6 (6.2-17.4)	0 (0-0)	-15.4 (-21.1--9.4)	0 (0-0)	1.5 (-13.7-22.9)	0 (0-0)	-21.2 (-25.3--19.2)
Democratic People's Republic of Korea	0 (0-0)	0 (0-0)	0 (0-0)	-0.6 (-3.7-2.5)	0 (0-0)	-3.9 (-16.2-9.3)	0 (0-0)	-8.8 (-30.8-17.3)	0 (0-0)	7 (-42.5-143)	0 (0-0)	-40.9 (-45--36.6)
Taiwan (Province of China)	0 (0-0)	-0.1 (-0.6-0)	0 (0-0)	-0.9 (-3.4-1.8)	0 (0-0)	2.4 (-8.3-15.2)	0 (0-0)	-17.9 (-35.9-7.2)	0 (0-0)	-5.1 (-46.9-69.4)	0 (0-0)	-39.1 (-44.4--33.4)
Oceania	0 (0-0)	0.3 (-10.1-1.7)	0 (0-0)	-1.6 (-12.9-1.8)	0 (0-0)	-5.5 (-21-5.2)	0 (0-0)	-21.3 (-37.7--6.2)	0 (0-0)	-14.3 (-35.6-12.1)	0 (0-0)	-10.6 (-22.6--6.2)
American Samoa	0 (0-0)	0 (-0.3-0.3)	0 (0-0)	0.2 (-2.9-2.9)	0 (0-0)	-4 (-15.3-8.5)	0 (0-0)	13.1 (-13.1-47.7)	0 (0-0)	-1.7 (-47.5-101)	0 (0-0)	-27.2 (-32.6--21.5)
Cook Islands	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (-2.1-2.6)	0 (0-0)	-2.9 (-14-9.2)	0 (0-0)	-0.2 (-20.9-27.7)	0 (0-0)	-2.4 (-51.2-82.4)	0 (0-0)	-28.6 (-34.1--22.8)
Fiji	0 (0-0)	0 (0-0)	0 (0-0)	-0.8 (-4.3-2.7)	0 (0-0)	1.5 (-12.1-16.1)	0 (0-0)	-13.5 (-35.2-12.7)	0 (0-0)	-17.3 (-53.4-61.5)	0 (0-0)	-11.6 (-17.8--6)
Guam	0 (0-0)	0 (0-0)	0 (0-0)	0.2 (-2.5-2.8)	0 (0-0)	-0.6 (-11.2-10.5)	0 (0-0)	8 (-12.7-36.3)	0 (0-0)	-12.4 (-54.6-60)	0 (0-0)	-15.5 (-20.8--10)
Kiribati	0 (0-0)	0 (0-0)	0 (0-0)	-0.5 (-4.4-3.9)	0 (0-0)	0.2 (-14.5-15.7)	0 (0-0)	-10.7 (-34.3-19.9)	0 (0-0)	2.5 (-46.4-92)	0 (0-0)	-12.6 (-18--7.2)
Marshall Islands	0 (0-0)	0.1 (0-0)	0 (0-0)	-0.8 (-4.9-3.2)	0 (0-0)	0.6 (-13.5-18.1)	0 (0-0)	-21.5 (-43.5-5.5)	0 (0-0)	-6.5 (-52.9-85.5)	0 (0-0)	-23.5 (-29--17.7)
Micronesia (Federated States of)	0 (0-0)	0 (0-0)	0 (0-0)	-0.1 (-3.5-4.3)	0 (0-0)	-1.9 (-13.9-14.9)	0 (0-0)	-10.7 (-34.5-20.8)	0 (0-0)	14 (-49.4-129)	0 (0-0)	-29 (-33.7--23.3)
Nauru	0 (0-0)	0 (0-0)	0 (0-0)	-2 (-5.7-1.8)	0 (0-0)	-2.4 (-16-13.3)	0 (0-0)	1.1 (-26.4-35.3)	0 (0-0)	-3.2 (-54.2-89.2)	0 (0-0)	-17.4 (-22.4--12.2)
Niue	0 (0-0)	-5.3 (-44.9-0)	0 (0-0)	-6 (-47.1-2.7)	0 (0-0)	-7.5 (-55.4-13.7)	0 (0-0)	-12.3 (-61.3-24.5)	0 (0-0)	-9.5 (-84-122)	0 (0-0)	-25.7 (-60.6--15)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Northern Mariana Islands	0 (0-0)	0 (0-0)	0 (0-0)	-3 (-5.5--0.7)	0 (0-0)	-6.6 (-17.8-5)	0 (0-0)	37.6 (4.6-90.9)	0 (0-0)	2.2 (-46-100)	0 (0-0)	-43.6 (-49.4--36.9)
Palau	0 (0-0)	0 (0-0)	0 (0-0)	-1.5 (-5.3-1.8)	0 (0-0)	-5 (-16.5-8.9)	0 (0-0)	-4.4 (-27.9-23.8)	0 (0-0)	-3 (-48.1-84.6)	0 (0-0)	-38.4 (-43.1--33.2)
Papua New Guinea	0 (0-0)	0 (0-0)	0 (0-0)	-0.5 (-4.3-3.1)	0 (0-0)	1.4 (-12.6-19.2)	0 (0-0)	-8.8 (-34.4-28)	0 (0-0)	11.3 (-47.7-109)	0 (0-0)	-8.4 (-13.8--3.1)
Samoa	0 (0-0)	0 (0-0)	0 (0-0)	1.4 (-2.3-5.9)	0 (0-0)	-4.4 (-17.1-9.5)	0 (0-0)	3.2 (-21.4-35.4)	0 (0-0)	10.7 (-41.4-111)	0 (0-0)	-8.7 (-15.1--1.4)
Solomon Islands	0 (0-0)	-0.1 (0-0)	0 (0-0)	-1.5 (-5.1-2.4)	0 (0-0)	-0.9 (-16.1-16.8)	0 (0-0)	-11.6 (-34.4-23.8)	0 (0-0)	12.8 (-43.8-172)	0 (0-0)	-16.8 (-21.8--10)
Tokelau	0 (0-0)	0 (0-0)	0 (0-0)	-0.2 (-2.6-2.2)	0 (0-0)	2.3 (-7.9-17.7)	0 (0-0)	-11.1 (-30-15.4)	0 (0-0)	4.7 (-41.7-84.3)	0 (0-0)	-16.4 (-21.1--10.6)
Tonga	0 (0-0)	0 (0-0)	0 (0-0)	-0.8 (-4-2.5)	0 (0-0)	-0.9 (-13.2-11.9)	0 (0-0)	-8 (-29.2-15.9)	0 (0-0)	1.8 (-43.4-77)	0 (0-0)	-12.1 (-18.2--6.5)
Tuvalu	0 (0-0)	0 (0-0)	0 (0-0)	0.5 (-3.6-4.6)	0 (0-0)	-5 (-17.9-11.3)	0 (0-0)	6.5 (-19.6-50.9)	0 (0-0)	-10.8 (-53.2-83.2)	0 (0-0)	-23 (-28--17.4)
Vanuatu	0 (0-0)	0 (0-0)	0 (0-0)	-1 (-5-2.9)	0 (0-0)	-0.9 (-15.6-14.3)	0 (0-0)	-8.1 (-36.1-28)	0 (0-0)	-10.4 (-65-122)	0 (0-0)	-17.9 (-23.9--11.7)
Southeast Asia	0.2 (0.2-0.3)	2 (-2-9.8)	0.1 (0.1-0.2)	1.3 (-2.8-9.2)	0 (0-0)	-0.8 (-6.5-7.9)	0 (0-0)	-15.6 (-23.4--6.8)	0 (0-0)	5.4 (-21.2-44.8)	0 (0-0)	-26.1 (-29.2--19.8)
Cambodia	0.2 (0.2-0.4)	3 (-8.9-63)	0.1 (0.1-0.2)	2.7 (-10.1-65.1)	0 (0-0)	3.9 (-16.7-60)	0 (0-0)	-22.1 (-45.2-17.2)	0 (0-0)	-2.4 (-49.2-89.7)	0 (0-0)	-24.1 (-34.2-23.4)
Indonesia	0.2 (0.2-0.3)	3.5 (-1.2-21.3)	0.1 (0.1-0.2)	1.5 (-3.3-17.3)	0 (0-0)	-1.6 (-8.5-14)	0 (0-0)	-13.8 (-24-2)	0 (0-0)	4.8 (-18.5-41)	0 (0-0)	-28.3 (-32.4--17.6)
Aceh	0.2 (0.1-0.3)	2.2 (0-35.8)	0.1 (0.1-0.2)	0.7 (-7-30.4)	0 (0-0)	0.9 (-17.9-31.1)	0 (0-0)	-14.5 (-39.1-24.1)	0 (0-0)	8.9 (-45-115)	0 (0-0)	-25.2 (-33.1--4.4)
Bali	0.2 (0.1-0.3)	1.5 (0-36.2)	0.1 (0.1-0.2)	0.1 (-5.4-32.2)	0 (0-0)	-2.9 (-20.6-29.5)	0 (0-0)	-5.4 (-33.6-37.2)	0 (0-0)	6.3 (-50.4-114)	0 (0-0)	-32.2 (-39.4--9.7)
Bangka-Belitung Islands	0.2 (0.2-0.3)	2 (-16.1-38.9)	0.1 (0.1-0.2)	0.2 (-16.4-37.4)	0 (0-0)	0 (-18.7-35.5)	0 (0-0)	-27.2 (-48.9-5)	0 (0-0)	1.4 (-53.9-111)	0 (0-0)	-31.3 (-41.8--9.4)
Banten	0.2 (0.2-0.4)	3.3 (0-53.2)	0.1 (0.1-0.2)	1.6 (-6.5-48.1)	0 (0-0)	-0.1 (-19.5-35.4)	0 (0-0)	-17.1 (-43-21.8)	0 (0-0)	4.3 (-51.4-139)	0 (0-0)	-24.7 (-32.8-6.8)
Bengkulu	0.2 (0.2-0.4)	3 (0-54.5)	0.1 (0.1-0.2)	1.5 (-6.6-50)	0 (0-0)	1.5 (-17.8-45.6)	0 (0-0)	-17.3 (-40.9-25.3)	0 (0-0)	-2.1 (-56.5-150)	0 (0-0)	-28.2 (-35.7-5.2)
Gorontalo	0.2 (0.2-0.4)	2.5 (0-44.6)	0.1 (0.1-0.2)	2 (-6.9-42)	0 (0-0)	-5.1 (-25.6-30.9)	0 (0-0)	10.5 (-25.2-82.4)	0 (0-0)	15.8 (-50.1-176)	0 (0-0)	-30.3 (-38.9--4.2)
Jakarta	0.2 (0.1-0.3)	2.1 (-14.8-53)	0.1 (0.1-0.2)	0.1 (-17.3-49.4)	0 (0-0)	2.8 (-16.9-48.2)	0 (0-0)	-24.8 (-46.6-12.2)	0 (0-0)	-5.5 (-51.4-71.2)	0 (0-0)	-26.1 (-37.6-7.7)
Jambi	0.2 (0.1-0.3)	3.1 (0-51.4)	0.1 (0.1-0.2)	1.6 (-4.9-46.3)	0 (0-0)	-1.6 (-16.7-39.6)	0 (0-0)	-15.7 (-38.2-26.7)	0 (0-0)	-5.5 (-54.9-125)	0 (0-0)	-29.2 (-35.6-1.9)
West Java	0.2 (0.2-0.4)	4.7 (0-63.8)	0.1 (0.1-0.2)	3.1 (-6.1-56.5)	0 (0-0)	0.5 (-19.3-54.6)	0 (0-0)	-10.7 (-37.4-47.2)	0 (0-0)	13.7 (-39.2-156)	0 (0-0)	-29.2 (-37.6-6.8)
Central Java	0.2 (0.1-0.3)	1.7 (-14.5-53.5)	0.1 (0.1-0.2)	0.7 (-15.3-48.6)	0 (0-0)	-2 (-21.1-35.4)	0 (0-0)	-11.2 (-37.1-28)	0 (0-0)	6.9 (-43.8-122)	0 (0-0)	-32.6 (-43.7--4.2)
East Java	0.2 (0.1-0.3)	1.7 (0-40)	0.1 (0.1-0.2)	0.6 (-6.6-35)	0 (0-0)	-1.9 (-20.1-25.9)	0 (0-0)	-7.1 (-33.5-34.6)	0 (0-0)	9.5 (-44.1-116)	0 (0-0)	-31.1 (-38.9--9.5)
West Kalimantan	0.2 (0.2-0.4)	4.5 (0-74.2)	0.1 (0.1-0.2)	2.7 (-6.5-71.1)	0 (0-0)	1.5 (-18.4-55.7)	0 (0-0)	-13.9 (-41.6-31.7)	0 (0-0)	-7.4 (-62.8-107)	0 (0-0)	-27.1 (-35.6-18.6)
South Kalimantan	0.2 (0.2-0.4)	3 (0-47.2)	0.1 (0.1-0.2)	1.1 (-6.4-41.6)	0 (0-0)	-2.2 (-22.2-36.6)	0 (0-0)	-14.5 (-40.8-30.3)	0 (0-0)	2.4 (-48-101)	0 (0-0)	-32.1 (-39.4--7.3)
Central Kalimantan	0.2 (0.1-0.3)	2.5 (0-47.8)	0.1 (0.1-0.2)	0.7 (-6.3-47.1)	0 (0-0)	-0.2 (-18.6-34.4)	0 (0-0)	-17.2 (-40.3-20.5)	0 (0-0)	2.3 (-48.6-130)	0 (0-0)	-29.8 (-37.3-0.3)
East Kalimantan	0.2 (0.1-0.3)	2.9 (0-45.7)	0.1 (0.1-0.2)	0.8 (-5.9-43.1)	0 (0-0)	0.9 (-17.4-37.3)	0 (0-0)	-14.1 (-38.9-23.8)	0 (0-0)	-3.9 (-54.4-97.9)	0 (0-0)	-23 (-30.3-7.9)
North Kalimantan	0.2 (0.1-0.3)	1.6 (0-37.4)	0.1 (0.1-0.2)	-0.2 (-6.8-31)	0 (0-0)	-2.3 (-21.1-28.7)	0 (0-0)	-13.3 (-38.2-25)	0 (0-0)	1 (-42.9-88.8)	0 (0-0)	-33.7 (-40.9--15.2)
Riau Islands	0.2 (0.1-0.3)	3.3 (0-46.3)	0.1 (0.1-0.2)	-0.5 (-9-40.1)	0 (0-0)	7.1 (-11.8-50.1)	0 (0-0)	-38.3 (-56.4--6.9)	0 (0-0)	9.5 (-52.5-141)	0 (0-0)	-15.1 (-25-15.5)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Lampung	0.2 (0.1-0.3)	3.5 (0-55.6)	0.1 (0.1-0.2)	2.1 (-6.2-48.8)	0 (0-0)	0 (-17.3-38.6)	0 (0-0)	-14.3 (-38.7-28.4)	0 (0-0)	7.3 (-49.1-111)	0 (0-0)	-32.3 (-39.6--1.7)
Maluku	0.3 (0.2-0.4)	3.2 (0-61.1)	0.1 (0.1-0.2)	1.1 (-7.7-56.9)	0 (0-0)	-0.3 (-22.1-49.3)	0 (0-0)	0.8 (-33.3-60.1)	0 (0-0)	8.7 (-56.9-152)	0 (0-0)	-25.2 (-33.9-14.6)
North Maluku	0.3 (0.2-0.4)	2.4 (0-41.9)	0.1 (0.1-0.2)	0.4 (-8.6-38.6)	0 (0-0)	-4.4 (-22.9-33.1)	0 (0-0)	-13 (-42.5-33)	0 (0-0)	1.1 (-60.5-140)	0 (0-0)	-31.6 (-39.5--5.5)
West Nusa Tenggara	0.2 (0.2-0.4)	3.5 (0-59.1)	0.1 (0.1-0.2)	2.1 (-6.2-58)	0 (0-0)	2.2 (-17.5-46.2)	0 (0-0)	-14.6 (-40.1-31.9)	0 (0-0)	-3.5 (-59-120)	0 (0-0)	-26 (-34.1-13.6)
East Nusa Tenggara	0.2 (0.2-0.4)	2.9 (0-46.2)	0.1 (0.1-0.2)	1.4 (-6.4-39.5)	0 (0-0)	-2.8 (-21.6-35.3)	0 (0-0)	5.1 (-27.7-61.1)	0 (0-0)	0 (-52.2-125)	0 (0-0)	-26.3 (-34.4-1.7)
Papua	0.3 (0.2-0.4)	2.7 (0-45.2)	0.1 (0.1-0.2)	0.5 (-7.7-38.2)	0 (0-0)	-0.3 (-19.3-34)	0 (0-0)	-3.5 (-32.5-41.3)	0 (0-0)	-1.2 (-55.9-131)	0 (0-0)	-24.3 (-32-3.6)
West Papua	0.2 (0.2-0.3)	3.3 (0-55.6)	0.1 (0.1-0.2)	1.6 (-6.4-53.6)	0 (0-0)	0.2 (-18.2-47.4)	0 (0-0)	-23.1 (-47.9-23.9)	0 (0-0)	-18.3 (-67.9-93.7)	0 (0-0)	-24.1 (-32.3-13.1)
Riau	0.2 (0.1-0.3)	3 (0-49.7)	0.1 (0.1-0.2)	1.2 (-5.8-42.2)	0 (0-0)	1.4 (-14.6-39.5)	0 (0-0)	-13.6 (-35.4-26.4)	0 (0-0)	10.8 (-42.9-143)	0 (0-0)	-23.6 (-30.6-5)
West Sulawesi	0.3 (0.2-0.4)	2.2 (0-31.4)	0.1 (0.1-0.2)	0.6 (-5.8-30.3)	0 (0-0)	-3.1 (-19.7-28.1)	0 (0-0)	-2.7 (-31-46)	0 (0-0)	1.3 (-51.9-139)	0 (0-0)	-31.5 (-37.5--11.6)
South Sulawesi	0.2 (0.1-0.3)	3.3 (0-47.5)	0.1 (0.1-0.2)	2 (-6-42.3)	0 (0-0)	-1.8 (-21.5-33.8)	0 (0-0)	-8.5 (-38.1-38.3)	0 (0-0)	0.2 (-52.5-110)	0 (0-0)	-30.9 (-38.7--5.2)
Central Sulawesi	0.2 (0.2-0.4)	2.9 (0-47.8)	0.1 (0.1-0.2)	1 (-7.6-45.7)	0 (0-0)	-3.3 (-22.3-34.7)	0 (0-0)	-7 (-36.5-39.7)	0 (0-0)	-5.5 (-57.9-109)	0 (0-0)	-32 (-39.6--2.2)
Southeast Sulawesi	0.2 (0.2-0.4)	2.6 (0-41.9)	0.1 (0.1-0.2)	0.9 (-7.1-38.7)	0 (0-0)	-0.1 (-19.2-36.3)	0 (0-0)	-10 (-37.7-34)	0 (0-0)	-1.4 (-54-122)	0 (0-0)	-27.3 (-35.5--1.8)
North Sulawesi	0.2 (0.1-0.3)	1.6 (-7.5-31.5)	0.1 (0.1-0.2)	0.5 (-7-26.9)	0 (0-0)	-3.7 (-22.8-23.2)	0 (0-0)	-6.8 (-35.8-33.9)	0 (0-0)	-3 (-56.1-93)	0 (0-0)	-36.2 (-43.5--19.4)
West Sumatra	0.2 (0.1-0.3)	0.9 (-22.4-41.1)	0.1 (0.1-0.2)	-0.2 (-24.7-37.4)	0 (0-0)	-1.9 (-25.7-36)	0 (0-0)	-8.1 (-38.7-37.4)	0 (0-0)	0.2 (-48.3-101)	0 (0-0)	-30.2 (-47.3--4.8)
South Sumatra	0.2 (0.2-0.4)	2.8 (-10.2-46.3)	0.1 (0.1-0.2)	1.2 (-10.9-40.9)	0 (0-0)	1.9 (-19.1-40.3)	0 (0-0)	-19.2 (-43.5-17.6)	0 (0-0)	2.1 (-46.7-103)	0 (0-0)	-29.2 (-37.9--3.7)
North Sumatra	0.2 (0.2-0.3)	2.8 (-5.7-46.5)	0.1 (0.1-0.2)	1.4 (-8.8-43.2)	0 (0-0)	0.7 (-18.6-44.1)	0 (0-0)	-11.8 (-39.3-30.4)	0 (0-0)	8 (-48.1-120)	0 (0-0)	-27.1 (-36.7-1.8)
Yogyakarta	0.2 (0.1-0.3)	1.8 (0-35.1)	0.1 (0.1-0.2)	1.2 (-4-34.9)	0 (0-0.1)	1.2 (-14.8-25.7)	0 (0-0)	-15.2 (-37.5-16.9)	0 (0-0)	10.2 (-42.4-127)	0 (0-0)	-26.3 (-33.8--6.9)
Lao People's Democratic Republic	0.2 (0.2-0.4)	1.6 (-0.1-44.7)	0.1 (0.1-0.2)	1.3 (-6-41.5)	0 (0-0)	0.4 (-18.8-36.5)	0 (0-0)	-18.9 (-42.3-23.7)	0 (0-0)	5.6 (-46.5-119)	0 (0-0)	-26.6 (-33.3-1.9)
Malaysia	0.2 (0.1-0.3)	1.3 (-15.3-55.7)	0.1 (0.1-0.2)	2.2 (-14.1-54.3)	0 (0-0.1)	-0.6 (-15.2-40.6)	0 (0-0)	-10.9 (-32.2-23.8)	0 (0-0)	-15 (-51.1-44.2)	0 (0-0)	-26.5 (-36.8-7.8)
Maldives	0.2 (0.1-0.3)	1.1 (-7.6-39.3)	0.1 (0.1-0.2)	1.6 (-5.2-35.6)	0 (0-0)	7.8 (-11.5-36.9)	0 (0-0)	-41.1 (-59.5--18.3)	0 (0-0)	28.9 (-34.7-141)	0 (0-0)	-42 (-48.2--24)
Mauritius	0.2 (0.1-0.3)	1.5 (-14.2-39.6)	0.1 (0.1-0.2)	2.1 (-11.8-39.2)	0 (0-0.1)	-4.4 (-19.9-24.5)	0 (0-0)	-6.4 (-30.3-27.1)	0 (0-0)	-11.9 (-51.5-61.5)	0 (0-0)	-37.7 (-46.4--18.4)
Myanmar	0.2 (0.2-0.4)	1.6 (0-40.2)	0.1 (0.1-0.2)	1 (-5-37.3)	0 (0-0)	1 (-16.2-32.9)	0 (0-0)	-10.8 (-36.6-27.1)	0 (0-0)	1.2 (-48.1-100)	0 (0-0)	-23.7 (-30-2)
Philippines	0.2 (0.1-0.3)	1.5 (-0.5-10)	0.1 (0.1-0.2)	1.4 (-0.8-10)	0 (0-0)	1.4 (-2.8-10.2)	0 (0-0)	-7.3 (-13.7-1.1)	0 (0-0)	-1.5 (-13.9-11.5)	0 (0-0)	-17.5 (-19.7--10.5)
Abra	0.2 (0.1-0.3)	1.5 (-4.2-42)	0.1 (0.1-0.2)	0.2 (-7.1-37.5)	0 (0-0.1)	2.4 (-14.5-35.1)	0 (0-0)	-8.8 (-32.7-29)	0 (0-0)	-7 (-49.6-76.1)	0 (0-0)	-20.7 (-28.9-6.2)
Agusan Del Norte	0.2 (0.1-0.3)	2.2 (0-45.7)	0.1 (0.1-0.2)	1.7 (-6.2-42.9)	0 (0-0)	2.3 (-17.1-37)	0 (0-0)	-8 (-36.7-35.5)	0 (0-0)	-3.6 (-51.6-88.2)	0 (0-0)	-16.5 (-25.2-14.4)
Agusan Del Sur	0.2 (0.1-0.3)	1.2 (-15.1-45.7)	0.1 (0.1-0.2)	-0.4 (-15.3-42.9)	0 (0-0)	2.9 (-16.5-45.6)	0 (0-0)	-8.3 (-35.7-36.2)	0 (0-0)	-4.8 (-51.7-103)	0 (0-0)	-20.4 (-30.3-13.6)
Akian	0.2 (0.1-0.3)	2.2 (0-40.8)	0.1 (0.1-0.2)	2.1 (-4.4-41.1)	0 (0-0)	5.3 (-13.6-40.2)	0 (0-0)	-11.9 (-36.7-25.4)	0 (0-0)	-1.2 (-42.4-95.8)	0 (0-0)	-12.7 (-21.6-19.3)
Albay	0.2 (0.1-0.3)	0.8 (0-18.4)	0.1 (0.1-0.2)	0.8 (-4.2-18.5)	0 (0-0)	-0.1 (-16.4-21.8)	0 (0-0)	-6.5 (-35.8-28.6)	0 (0-0)	-10.1 (-53.3-76.6)	0 (0-0)	-18.8 (-25.2--6.1)
Antique	0.2 (0.1-0.3)	1.9 (0-45.7)	0.1 (0.1-0.2)	1.4 (-5.2-44.5)	0 (0-0)	5 (-14.3-45.6)	0 (0-0)	-6.9 (-34.9-30.9)	0 (0-0)	-5 (-54.9-86.2)	0 (0-0)	-15.6 (-23.8-19.9)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Apayao	0.2 (0.1-0.3)	1 (-14.1-45.7)	0.1 (0.1-0.2)	-1 (-16.4-40)	0 (0-0)	1.4 (-18.6-35.5)	0 (0-0)	-12.1 (-38.2-21.4)	0 (0-0)	-7.2 (-54.5-82.8)	0 (0-0)	-27.4 (-38.5-1.9)
Aurora	0.2 (0.1-0.3)	1.9 (0-46.4)	0.1 (0.1-0.2)	1.1 (-5.3-40.5)	0 (0-0)	2.8 (-15.6-41)	0 (0-0)	-7.2 (-35-35.8)	0 (0-0)	-5.8 (-49.4-93)	0 (0-0)	-19.2 (-26.3-12.4)
Basilan	0.2 (0.1-0.3)	1.3 (0-26.4)	0.1 (0.1-0.2)	1 (-5.2-25.9)	0 (0-0)	-0.6 (-17.5-25.4)	0 (0-0)	-6 (-30.3-26.6)	0 (0-0)	2.5 (-47.6-111)	0 (0-0)	-14 (-22.1-6.9)
Bataan	0.2 (0.1-0.3)	1.5 (0-43.9)	0.1 (0.1-0.2)	1 (-5.7-40.2)	0 (0-0)	2 (-16-37.1)	0 (0-0)	-6.8 (-31.9-36.4)	0 (0-0)	-7.4 (-51.5-84.3)	0 (0-0)	-20 (-27.6-10)
Batanes	0.2 (0.1-0.3)	0.9 (0-9.3)	0.1 (0.1-0.2)	-0.3 (-6.4-8.2)	0 (0-0)	0.9 (-14.6-22.5)	0 (0-0)	-15.1 (-35.7-14.3)	0 (0-0)	4.6 (-47.7-117)	0 (0-0)	-25.9 (-31.8--17.4)
Batangas	0.2 (0.1-0.3)	1 (-13.5-35.2)	0.1 (0.1-0.2)	1.4 (-12.3-32.1)	0 (0-0.1)	2 (-15.7-30.9)	0 (0-0)	-13.7 (-37.1-23.4)	0 (0-0)	-3.1 (-51.1-83.4)	0 (0-0)	-15.1 (-27-9.7)
Benguet	0.2 (0.1-0.3)	1.1 (-9.6-37.4)	0.1 (0.1-0.2)	0.8 (-10.4-34.2)	0 (0-0)	0.7 (-19-28.3)	0 (0-0)	-9.6 (-35-25.9)	0 (0-0)	-11.1 (-56-71.4)	0 (0-0)	-14.8 (-24.9-10.2)
Biliran	0.2 (0.1-0.3)	1.2 (0-13.9)	0.1 (0.1-0.2)	0.9 (-3.7-14.3)	0 (0-0.1)	3.7 (-12.1-26.2)	0 (0-0)	-5.7 (-29.1-29.5)	0 (0-0)	-4.3 (-48.6-65.5)	0 (0-0)	-15.6 (-22.2--5.3)
Bohol	0.2 (0.1-0.3)	1.8 (0-44.8)	0.1 (0.1-0.2)	0.7 (-5-41.2)	0 (0-0)	1.2 (-15.9-33)	0 (0-0)	-7.7 (-34-29.8)	0 (0-0)	-1.8 (-48.2-85.6)	0 (0-0)	-25.1 (-31.9-3.3)
Bukidnon	0.2 (0.1-0.3)	3 (-12-52.3)	0.1 (0.1-0.2)	1.1 (-10.9-45.6)	0 (0-0)	2.7 (-16.2-46.1)	0 (0-0)	-10 (-36-31.4)	0 (0-0)	-9.7 (-52.7-62.9)	0 (0-0)	-23.3 (-32.9-9.8)
Bulacan	0.2 (0.1-0.3)	1.3 (0-30.6)	0.1 (0.1-0.2)	1.5 (-3.3-26.9)	0 (0-0)	-0.9 (-17.1-23)	0 (0-0)	-3.2 (-27.7-34.3)	0 (0-0)	-8.5 (-49.7-66)	0 (0-0)	-21.9 (-28.3--4.1)
Cagayan	0.2 (0.1-0.3)	1.2 (-14.6-41.6)	0.1 (0.1-0.2)	0.8 (-13.3-41.5)	0 (0-0)	-0.2 (-19.8-37.7)	0 (0-0)	-14.7 (-39.5-21.5)	0 (0-0)	-8 (-54.2-77)	0 (0-0)	-21.4 (-31.5-5.6)
Camarines Norte	0.2 (0.1-0.3)	1.4 (0-35.2)	0.1 (0.1-0.2)	0.8 (-6.3-33)	0 (0-0)	0.7 (-17.9-28.2)	0 (0-0)	-5.3 (-33-39.5)	0 (0-0)	-8.6 (-53.5-76.9)	0 (0-0)	-17.2 (-25.7-6.5)
Camarines Sur	0.2 (0.1-0.3)	1.1 (0-31.1)	0.1 (0.1-0.2)	0.7 (-5.8-29.1)	0 (0-0)	1.2 (-15.9-25.5)	0 (0-0)	-1.7 (-28.8-36.1)	0 (0-0)	-3 (-46.5-103)	0 (0-0)	-16.3 (-23.2-5.2)
Camiguin	0.2 (0.1-0.3)	1.6 (-12.4-49.9)	0.1 (0.1-0.2)	1.6 (-12.2-49.4)	0 (0-0)	1.7 (-16.1-39.1)	0 (0-0)	-10 (-35-25.4)	0 (0-0)	-5.6 (-50.7-87.6)	0 (0-0)	-13.4 (-25.9-24.4)
Capiz	0.2 (0.1-0.3)	3 (-0.1-45.7)	0.1 (0.1-0.2)	3.3 (-7.2-44.2)	0 (0-0)	7.9 (-15-47)	0 (0-0)	-11.4 (-37.1-31.6)	0 (0-0)	-9.3 (-55.9-67)	0 (0-0)	-17.6 (-28.2-12.8)
Catanduanes	0.2 (0.1-0.3)	2.5 (-10.3-44)	0.1 (0.1-0.2)	0.4 (-10.9-42.7)	0 (0-0)	3 (-15.5-44.7)	0 (0-0)	-7.3 (-36.1-40.2)	0 (0-0)	7.7 (-43.8-110)	0 (0-0)	-19.3 (-28.9-13.2)
Cavite	0.2 (0.1-0.3)	2.3 (-3.4-51.7)	0.1 (0.1-0.2)	2.6 (-4.4-49.5)	0 (0-0)	-0.2 (-16.9-37.2)	0 (0-0)	-4.5 (-29.4-37.3)	0 (0-0)	-6.5 (-49.5-74.5)	0 (0-0)	-18.4 (-26-17.4)
Cebu	0.2 (0.1-0.3)	1.5 (0-45)	0.1 (0.1-0.2)	1.3 (-4.5-42.5)	0 (0-0)	0.7 (-19.1-35.3)	0 (0-0)	-8.5 (-34.1-34.1)	0 (0-0)	-1 (-45.4-82.9)	0 (0-0)	-10.6 (-19.6-22.7)
Cotabato (North Cotabato)	0.2 (0.1-0.3)	1.6 (-0.9-46.4)	0.1 (0.1-0.2)	1.3 (-7-44.6)	0 (0-0)	3.8 (-15.2-38.7)	0 (0-0)	-10 (-33-26.3)	0 (0-0)	-3.5 (-48-81.1)	0 (0-0)	-12.5 (-22.6-20.1)
Davao de Oro	0.2 (0.1-0.3)	0.7 (-4.9-21)	0.1 (0.1-0.2)	-1.1 (-7.6-18.1)	0 (0-0)	0.7 (-17.3-22.8)	0 (0-0)	-10.1 (-35-23.3)	0 (0-0)	-3.7 (-48.8-75)	0 (0-0)	-21.4 (-28.9--7.4)
Davao Del Norte	0.2 (0.1-0.3)	2.2 (0-40.8)	0.1 (0.1-0.2)	0.5 (-4.8-36.9)	0 (0-0)	2.6 (-13.5-31.4)	0 (0-0)	-12.8 (-38.2-24.7)	0 (0-0)	-9.1 (-50.5-73)	0 (0-0)	-25 (-30.9--0.5)
Davao Del Sur	0.2 (0.1-0.3)	1.2 (0-41.1)	0.1 (0.1-0.2)	1.2 (-4.1-40.6)	0 (0-0)	3.1 (-15.6-34.6)	0 (0-0)	-12.8 (-40.7-29.4)	0 (0-0)	-18.8 (-61.8-52.4)	0 (0-0)	-16.3 (-23.3-15)
Davao Occidental	0.2 (0.1-0.3)	1.9 (0-42.1)	0.1 (0.1-0.2)	-0.4 (-7-36.1)	0 (0-0)	-7.2 (-24.8-26.7)	0 (0-0)	10.6 (-24.2-56.2)	0 (0-0)	16.9 (-37-130)	0 (0-0)	-22.5 (-30-8)
Davao Oriental	0.2 (0.1-0.3)	1.7 (0-32.7)	0.1 (0.1-0.2)	0.6 (-6.4-29.8)	0 (0-0)	1.1 (-17.7-33.4)	0 (0-0)	-6.3 (-32.4-37.1)	0 (0-0)	0.8 (-47.3-97.6)	0 (0-0)	-26.7 (-33.6--4.8)
Dinagat Islands	0.2 (0.1-0.3)	1.6 (-0.2-41.3)	0.1 (0.1-0.2)	-0.4 (-7.9-36.7)	0 (0-0)	0.2 (-17.9-30.6)	0 (0-0)	-7.4 (-33-28.2)	0 (0-0)	-12.8 (-57-79.1)	0 (0-0)	-24.7 (-32.2-1.1)
Eastern Samar	0.2 (0.1-0.3)	2.1 (0-42)	0.1 (0.1-0.2)	1.8 (-5.9-41)	0 (0-0)	2.2 (-16.2-44.4)	0 (0-0)	-2.8 (-31.4-46.9)	0 (0-0)	5.4 (-45.3-108)	0 (0-0)	-18.3 (-26-13.9)
Guimaras	0.2 (0.1-0.3)	1.3 (-3.8-39.1)	0.1 (0.1-0.2)	0.2 (-6.1-36.6)	0 (0-0)	4.1 (-16.7-31.1)	0 (0-0)	-19.4 (-42.3-10)	0 (0-0)	-3.5 (-54.2-74.7)	0 (0-0)	-18.6 (-26.9-5.7)
Ifugao	0.2 (0.1-0.3)	1.9 (0-42)	0.1 (0.1-0.2)	1.4 (-5-39.7)	0 (0-0)	4.3 (-17.3-41.4)	0 (0-0)	-15.7 (-41.3-20.4)	0 (0-0)	-3.1 (-51.8-88.9)	0 (0-0)	-11.2 (-19.5-21.4)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Ilocos Norte	0.2 (0.1-0.3)	1.7 (0-40.7)	0.1 (0.1-0.2)	1.4 (-5.1-39.5)	0 (0-0)	3.7 (-13.4-38.3)	0 (0-0)	-11.5 (-34.4-23.6)	0 (0-0)	0.2 (-45.7-90.9)	0 (0-0)	-13.3 (-21.9-16.1)
Ilocos Sur	0.2 (0.1-0.3)	1.4 (0-36.2)	0.1 (0.1-0.2)	0.8 (-4.7-34.1)	0 (0-0)	3.4 (-13.4-28.6)	0 (0-0)	-12.1 (-36.3-22.7)	0 (0-0)	0.6 (-47.1-92)	0 (0-0)	-15.5 (-22.9-9.3)
Iloilo	0.2 (0.1-0.3)	2.1 (0-39.5)	0.1 (0.1-0.2)	1.9 (-4.6-39.7)	0 (0-0)	4.5 (-12-38.4)	0 (0-0)	-11.4 (-36-30.1)	0 (0-0)	-1.5 (-52.9-91.5)	0 (0-0)	-10.9 (-18.6-18.8)
Isabela	0.2 (0.1-0.3)	1 (0-18.5)	0.1 (0.1-0.2)	0.8 (-4.4-15.7)	0 (0-0)	3.4 (-13.3-23.6)	0 (0-0)	-13.5 (-37.9-19.4)	0 (0-0)	-8.8 (-52.2-62.6)	0 (0-0)	-14.8 (-22--4)
Kalinga	0.2 (0.1-0.3)	1.5 (0-37.4)	0.1 (0.1-0.2)	0 (-4.8-34.2)	0 (0-0.1)	4 (-11.9-29.7)	0 (0-0)	-10.1 (-32.3-23.2)	0 (0-0)	-0.4 (-47.4-90.4)	0 (0-0)	-19.6 (-25.8-8.2)
La Union	0.2 (0.1-0.3)	1.2 (0-19.7)	0.1 (0.1-0.2)	0.9 (-4.2-19.5)	0 (0-0)	2.2 (-14-21.8)	0 (0-0)	-14.3 (-37-16.1)	0 (0-0)	-3.8 (-48.9-79.2)	0 (0-0)	-17.1 (-23.4--2.2)
Laguna	0.2 (0.1-0.3)	2.3 (0-47.9)	0.1 (0.1-0.2)	2.1 (-3.7-46.4)	0 (0-0)	4 (-14.1-45.5)	0 (0-0)	-9.5 (-36-33.8)	0 (0-0)	-4.6 (-52.3-82.8)	0 (0-0)	-12.4 (-19.8-27.2)
Lanao Del Norte	0.2 (0.1-0.3)	1.6 (0-35.7)	0.1 (0.1-0.2)	0.7 (-5.8-33.9)	0 (0-0)	0.9 (-16.2-29.4)	0 (0-0)	-4.3 (-30-37.6)	0 (0-0)	-3 (-50.2-84.9)	0 (0-0)	-12.4 (-20.5-14.1)
Lanao Del Sur	0.2 (0.1-0.3)	0.9 (-6.2-26)	0.1 (0.1-0.2)	0.1 (-7.2-26.1)	0 (0-0)	1.6 (-13.6-30.8)	0 (0-0)	-14 (-36.8-17.3)	0 (0-0)	9.9 (-43-113)	0 (0-0)	-10.9 (-18.5-12.8)
Leyte	0.2 (0.1-0.3)	1.4 (0-40.1)	0.1 (0.1-0.2)	1.7 (-6.2-41.8)	0 (0-0)	1.7 (-15.7-35)	0 (0-0)	-8 (-35.2-35)	0 (0-0)	-4.3 (-49.2-87.7)	0 (0-0)	-17.6 (-25-11.7)
Maguindanao	0.2 (0.1-0.3)	1.6 (0-32.7)	0.1 (0.1-0.2)	-0.5 (-6.4-28.6)	0 (0-0)	2.2 (-15.2-30.5)	0 (0-0)	-8.2 (-32.2-30.8)	0 (0-0)	1.2 (-49.9-97)	0 (0-0)	-14.3 (-21.1-9.8)
Marinduque	0.2 (0.1-0.3)	0.9 (0-31.2)	0.1 (0.1-0.2)	-0.1 (-5.5-28.5)	0 (0-0)	-0.7 (-18-25.5)	0 (0-0)	-7.8 (-36-32.9)	0 (0-0)	-13.5 (-54.3-80.9)	0 (0-0)	-27.5 (-34.1--7)
Masbate	0.2 (0.1-0.3)	2.6 (0-51.5)	0.1 (0.1-0.2)	1.8 (-5.8-46.1)	0 (0-0)	1.6 (-17-42.1)	0 (0-0)	4.1 (-25.3-57.2)	0 (0-0)	0.6 (-48-111)	0 (0-0)	-13.1 (-21.5-23.1)
Misamis Occidental	0.2 (0.1-0.3)	2.8 (0-47.7)	0.1 (0.1-0.2)	2.5 (-5.3-48.1)	0 (0-0)	5.1 (-13.4-49.2)	0 (0-0)	-2.2 (-28.1-42.3)	0 (0-0)	2 (-47.2-103)	0 (0-0)	-12.4 (-20.3-26.5)
Misamis Oriental	0.2 (0.1-0.3)	2.5 (0-46.4)	0.1 (0.1-0.2)	2.4 (-4-43.8)	0 (0-0)	4.8 (-12.5-44)	0 (0-0)	-6.9 (-30.6-32.1)	0 (0-0)	-3.4 (-48.6-95.7)	0 (0-0)	-10.6 (-18.1-23.7)
Mountain Province	0.2 (0.1-0.3)	1 (0-35.6)	0.1 (0.1-0.2)	-0.1 (-7.6-31.4)	0 (0-0)	4.7 (-14.5-33.7)	0 (0-0)	-10.7 (-37.6-37.7)	0 (0-0)	6.7 (-49.5-134)	0 (0-0)	-14.8 (-23.5-10.4)
National Capital Region	0.2 (0.1-0.3)	2 (0-47.8)	0.1 (0.1-0.2)	1.7 (-4.4-42.2)	0 (0-0)	-1.6 (-19.2-40.3)	0 (0-0)	-6.8 (-33.4-37.8)	0 (0-0)	-11.6 (-55.8-73.5)	0 (0-0)	-23.4 (-30.5-3.9)
Negros Occidental	0.2 (0.1-0.3)	1.2 (0-28.8)	0.1 (0.1-0.2)	1.5 (-5-31.9)	0 (0-0)	2.8 (-16.3-29.8)	0 (0-0)	-9.8 (-35.5-27.8)	0 (0-0)	-7.8 (-48.7-74.5)	0 (0-0)	-17.6 (-25-6.4)
Negros Oriental	0.2 (0.1-0.3)	1.8 (0-42.3)	0.1 (0.1-0.2)	1.3 (-6.2-41.5)	0 (0-0)	1.9 (-17.1-34.6)	0 (0-0)	-8.4 (-34.3-28.4)	0 (0-0)	-6.7 (-52.1-84)	0 (0-0)	-19.4 (-27.5-11)
Northern Samar	0.2 (0.1-0.3)	2.7 (-5.5-46.4)	0.1 (0.1-0.2)	2.4 (-6.9-45.5)	0 (0-0)	1.2 (-20.5-47)	0 (0-0)	2.1 (-30.6-56.7)	0 (0-0)	-1 (-50.3-93.3)	0 (0-0)	-16.9 (-26.2-19.1)
Nueva Ecija	0.2 (0.1-0.3)	2.4 (0-44.6)	0.1 (0.1-0.2)	2 (-4.1-44)	0 (0-0)	0.3 (-15.1-32)	0 (0-0)	-8.9 (-34.5-30.6)	0 (0-0)	-0.2 (-47.2-96.8)	0 (0-0)	-14.6 (-21.7-16.4)
Nueva Vizcaya	0.2 (0.1-0.3)	1.1 (0-19.9)	0.1 (0.1-0.2)	0.8 (-5.3-18.1)	0 (0-0)	3.2 (-11.3-24.2)	0 (0-0)	-10.7 (-33.6-20)	0 (0-0)	-8.8 (-52.1-67.1)	0 (0-0)	-16 (-22.2--2.7)
Occidental Mindoro	0.2 (0.1-0.3)	1.7 (-12.3-46.4)	0.1 (0.1-0.2)	0.1 (-13.7-42.2)	0 (0-0)	1.1 (-17.6-38.1)	0 (0-0)	-9.5 (-36.7-24.5)	0 (0-0)	-9.4 (-53.2-77.3)	0 (0-0)	-20.5 (-30.7-12.7)
Oriental Mindoro	0.2 (0.1-0.3)	2.4 (0-44.9)	0.1 (0.1-0.2)	1.5 (-7.2-42.6)	0 (0-0)	1.6 (-17.9-37.8)	0 (0-0)	-9.3 (-38.8-28.9)	0 (0-0)	-7.7 (-54.3-79.6)	0 (0-0)	-23.7 (-32.4-6.2)
Palawan	0.2 (0.1-0.3)	2.2 (-0.6-42)	0.1 (0.1-0.2)	1.5 (-6.5-40.1)	0 (0-0)	2.6 (-15.5-41.7)	0 (0-0)	-5.7 (-29.4-34.6)	0 (0-0)	-12.3 (-54-69.9)	0 (0-0)	-18.4 (-26.4-10.7)
Pampanga	0.2 (0.1-0.3)	2.1 (0-49.9)	0.1 (0.1-0.2)	2.4 (-3.5-45.8)	0 (0-0)	2.3 (-14.6-40.1)	0 (0-0)	-8.1 (-31.1-30.9)	0 (0-0)	-6.8 (-48.9-69.4)	0 (0-0)	-17.1 (-24.4-16.2)
Pangasinan	0.2 (0.1-0.3)	1.4 (0-35.6)	0.1 (0.1-0.2)	1.1 (-4.8-27.6)	0 (0-0)	3 (-14.4-29.2)	0 (0-0)	-10.3 (-36-25.9)	0 (0-0)	-7.1 (-51.8-70.6)	0 (0-0)	-14.7 (-22.1-8)
Quezon	0.2 (0.1-0.3)	1.6 (0-39.1)	0.1 (0.1-0.2)	1.5 (-4.4-37.2)	0 (0-0)	1.6 (-16.8-29.3)	0 (0-0)	-4 (-34.3-35.7)	0 (0-0)	-1.5 (-58.5-95.7)	0 (0-0)	-17.4 (-24.6-9.6)
Quirino	0.2 (0.1-0.3)	1.9 (0-46.4)	0.1 (0.1-0.2)	0.3 (-6.6-41.8)	0 (0-0)	2.9 (-14.6-35.4)	0 (0-0)	-13.3 (-39.1-21.2)	0 (0-0)	-9.7 (-49.8-74)	0 (0-0)	-24.1 (-31.3-4.8)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Rizal	0.2 (0.1-0.3)	1.4 (0-35.2)	0.1 (0.1-0.2)	1.3 (-5-30.9)	0 (0-0)	-1.4 (-18.8-23.5)	0 (0-0)	-1.7 (-30.5-39.9)	0 (0-0)	-14.9 (-55.3-67.8)	0 (0-0)	-14.9 (-22.9-8.7)
Romblon	0.2 (0.1-0.3)	2 (-8.9-46.4)	0.1 (0.1-0.2)	0.7 (-10.4-42)	0 (0-0)	1.9 (-20.3-42.3)	0 (0-0)	-7.3 (-36.4-40.2)	0 (0-0)	-7.1 (-55.4-90.8)	0 (0-0)	-20.9 (-31.1-10.4)
Samar (Western Samar)	0.2 (0.1-0.3)	3.5 (0-55.5)	0.1 (0.1-0.2)	3.5 (-4.8-54.5)	0 (0-0)	-0.9 (-17.9-44.1)	0 (0-0)	-1.2 (-29.3-54.7)	0 (0-0)	5.3 (-46.9-115)	0 (0-0)	-19.3 (-27.1-20.6)
Sarangani	0.2 (0.1-0.3)	2.1 (0-47.7)	0.1 (0.1-0.2)	2.4 (-4-45.8)	0 (0-0)	0.8 (-16.8-40.8)	0 (0-0)	-9.8 (-33.7-30.2)	0 (0-0)	-5.8 (-46.2-82.2)	0 (0-0)	-19.1 (-26.6-13.6)
Siquijor	0.2 (0.1-0.3)	1.3 (-6.9-43.7)	0.1 (0.1-0.2)	0.9 (-5.9-42.1)	0 (0-0)	4.8 (-13.7-37.8)	0 (0-0)	-11.9 (-37.4-24.6)	0 (0-0)	-3.1 (-55.1-83.8)	0 (0-0)	-19.4 (-27.2-12.5)
Sorsogon	0.2 (0.1-0.3)	1.6 (0-35.1)	0.1 (0.1-0.2)	1.9 (-4.1-32.6)	0 (0-0)	-0.2 (-18.6-28.3)	0 (0-0)	-3 (-29.5-45.4)	0 (0-0)	0.2 (-50.5-100)	0 (0-0)	-18.3 (-25.4-4.1)
South Cotabato	0.2 (0.1-0.3)	1.4 (0-37.7)	0.1 (0.1-0.2)	1.1 (-4.9-36.9)	0 (0-0)	0.9 (-17.8-30.8)	0 (0-0)	-13.1 (-36.8-18.6)	0 (0-0)	-6.8 (-49.6-88.3)	0 (0-0)	-17.8 (-25.4-7.8)
Southern Leyte	0.2 (0.1-0.3)	1 (-20-43.7)	0.1 (0.1-0.2)	1.1 (-18.8-40.1)	0 (0-0)	2.2 (-21.6-34.1)	0 (0-0)	-7.9 (-33.1-35.9)	0 (0-0)	0.3 (-47.1-94.2)	0 (0-0)	-18.7 (-34.4-11.1)
Sultan Kudarat	0.2 (0.1-0.3)	1.5 (0-37.3)	0.1 (0.1-0.2)	-0.4 (-6.1-32.8)	0 (0-0)	2.2 (-14.5-32.3)	0 (0-0)	-9.9 (-32.8-24.9)	0 (0-0)	-4.4 (-50.1-80.6)	0 (0-0)	-21.3 (-28.1-5)
Sulu	0.2 (0.1-0.3)	1.6 (0-38.4)	0.1 (0.1-0.2)	-0.8 (-7.7-35.9)	0 (0-0)	-2.7 (-19.7-33.2)	0 (0-0)	-3.7 (-32.9-41)	0 (0-0)	-1 (-53-100)	0 (0-0)	-19.3 (-26.6-8.8)
Surigao Del Norte	0.2 (0.1-0.3)	1.7 (0-42)	0.1 (0.1-0.2)	2 (-5.6-40.4)	0 (0-0)	3.6 (-14.9-35.5)	0 (0-0)	-10.5 (-36.2-25.9)	0 (0-0)	-8.8 (-52.8-78.9)	0 (0-0)	-15.2 (-23.7-16)
Surigao Del Sur	0.2 (0.1-0.3)	2.2 (-10.3-53.2)	0.1 (0.1-0.2)	2.2 (-11-49.3)	0 (0-0)	1.8 (-16.6-37.9)	0 (0-0)	-11.8 (-37.7-26.2)	0 (0-0)	-14.4 (-56.6-67.8)	0 (0-0)	-18.7 (-29-17.7)
Tarlac	0.2 (0.1-0.3)	1.3 (0-30.8)	0.1 (0.1-0.2)	0.8 (-4.7-30.4)	0 (0-0)	0.6 (-16.1-30.1)	0 (0-0)	-10 (-34-32.6)	0 (0-0)	-7 (-49.7-76.8)	0 (0-0)	-20.4 (-27.1-2.4)
Tawi-Tawi	0.2 (0.1-0.3)	2.1 (-4.2-40.8)	0.1 (0.1-0.2)	1.4 (-5.7-37.3)	0 (0-0)	1.4 (-17-34.1)	0 (0-0)	-9.1 (-34.3-35.4)	0 (0-0)	-17.2 (-55.6-60.6)	0 (0-0)	-13.5 (-22.5-13.8)
Zambales	0.2 (0.1-0.3)	1 (0-26.6)	0.1 (0.1-0.2)	1 (-5-22.9)	0 (0-0)	1.6 (-15.1-26.4)	0 (0-0)	-5.1 (-30.7-32.7)	0 (0-0)	-14.9 (-56.6-69)	0 (0-0)	-15 (-22.3-2.1)
Zamboanga Del Norte	0.2 (0.1-0.3)	1.2 (0-37.6)	0.1 (0.1-0.2)	0.4 (-5.7-34.7)	0 (0-0)	0.4 (-19.1-35.5)	0 (0-0)	-5.2 (-31.8-40.3)	0 (0-0)	-12.9 (-52.9-72.9)	0 (0-0)	-18 (-25.4-10)
Zamboanga Del Sur	0.2 (0.1-0.3)	1.1 (0-21.2)	0.1 (0.1-0.2)	1.2 (-4.3-20.3)	0 (0-0)	0.9 (-16.8-25.7)	0 (0-0)	-6 (-32.7-32.9)	0 (0-0)	-6.4 (-48.8-72.5)	0 (0-0)	-16.9 (-24.1--0.5)
Zamboanga Sibugay	0.2 (0.1-0.3)	1.6 (0-41.5)	0.1 (0.1-0.2)	0.9 (-5.6-40.5)	0 (0-0)	1.9 (-17.8-36.3)	0 (0-0)	-7.2 (-34.5-31.5)	0 (0-0)	-9.7 (-52.1-70.1)	0 (0-0)	-17.9 (-25.5-12.9)
Seychelles	0.2 (0.1-0.3)	-0.1 (-22.1-24.4)	0.1 (0.1-0.2)	-0.6 (-23.4-21.6)	0 (0-0.1)	1.4 (-22-21.7)	0 (0-0)	-19.2 (-41.6-11.5)	0 (0-0)	20.1 (-34.6-140)	0 (0-0)	-23.4 (-39.9--8.8)
Sri Lanka	0.2 (0.1-0.3)	1.8 (-14.3-47.8)	0.1 (0.1-0.2)	1 (-13.9-46.5)	0 (0-0.1)	-0.7 (-19.2-31.5)	0 (0-0)	-9 (-33.3-27.8)	0 (0-0)	-13.5 (-54-68.4)	0 (0-0)	-20.4 (-33.5-10.4)
Thailand	0.2 (0.1-0.3)	2.2 (-0.1-45.5)	0.1 (0.1-0.2)	1.9 (-4.4-41.1)	0 (0-0.1)	-1.1 (-17.4-34.8)	0 (0-0)	-18.2 (-38.6-17.3)	0 (0-0)	-9.8 (-54.7-84.4)	0 (0-0)	-42.3 (-48.3--21.7)
Timor-Leste	0.2 (0.2-0.4)	1.1 (-13.3-41.8)	0.1 (0.1-0.2)	0 (-16.6-38.7)	0 (0-0)	-2.9 (-25.7-29.4)	0 (0-0)	15.4 (-19.1-80.3)	0 (0-0)	-14.2 (-60.3-84.1)	0 (0-0)	-22.5 (-35.7-5.6)
Viet Nam	0.2 (0.1-0.3)	2.3 (0-45.3)	0.1 (0.1-0.2)	1.7 (-4.8-40.5)	0 (0-0)	3.4 (-14.9-36.1)	0 (0-0)	-27.1 (-45.3-0.2)	0 (0-0)	18.9 (-36.8-139)	0 (0-0)	-30.3 (-37.5--7.3)
Sub-Saharan Africa	30.3 (21.9-42.7)	2.3 (0-5)	20.1 (14.4-27.8)	0.5 (-1.7-3)	6.8 (4.7-9.4)	-4.9 (-8.6--1.5)	1.4 (1-2)	-14.6 (-19.6--10.1)	0 (0-0)	1.4 (-7.6-8.4)	5.5 (4-7.3)	-11.8 (-14.2--9.3)
Central Sub-Saharan Africa	7.8 (5.6-10.5)	0.9 (-7.4-9.9)	4.6 (3.3-6.1)	-1.9 (-9.8-6.5)	0.9 (0.6-1.3)	-0.9 (-12.7-12.9)	0.1 (0.1-0.2)	0.8 (-13.6-18.7)	0 (0-0)	13.3 (-25.3-80.6)	1 (0.7-1.3)	-15.3 (-22.7--7.7)
Angola	3.7 (2.5-5.2)	-6.7 (-15.5-2.9)	2.1 (1.5-3)	-9.2 (-17.9-0.6)	0.4 (0.2-0.6)	-6.2 (-20-11.5)	0 (0-0.1)	-4.4 (-22.9-19.8)	0 (0-0)	1.4 (-43.9-76)	0.5 (0.3-0.7)	-17.6 (-25.6--8.8)
Central African Republic	1.7 (1.1-2.5)	0.6 (-9-14.5)	1 (0.6-1.4)	-0.4 (-9.1-13.4)	0.2 (0.1-0.3)	0.6 (-14.1-18.3)	0 (0-0)	4.4 (-18.2-34.4)	0 (0-0)	10.1 (-36.2-102)	0.2 (0.1-0.3)	-9.4 (-17.7-3)
Congo	3.4 (2.2-5.3)	-8.3 (-18.1-0.6)	2.2 (1.4-3.3)	-10.5 (-19.8--2.1)	0.5 (0.3-0.8)	-7.6 (-20-6.9)	0.1 (0-0.1)	-20.5 (-36.1--2.9)	0 (0-0)	11.8 (-34.1-92.2)	0.4 (0.3-0.6)	-24.2 (-31.8--16)
Democratic Republic of the Congo	10.1 (7.2-13.6)	5.2 (-4.9-17.1)	5.9 (4.3-7.8)	2.4 (-7.2-13)	1.1 (0.7-1.6)	3.8 (-10.7-22.1)	0.1 (0.1-0.2)	2.9 (-14.1-25)	0 (0-0)	17.1 (-27.6-100)	1.2 (0.9-1.6)	-13.1 (-21.7--3.8)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Equatorial Guinea	5.4 (3.4-8.4)	-1.8 (-12.7-10.6)	3.3 (2.1-4.9)	-4.1 (-14.1-7.2)	0.7 (0.4-1)	-4 (-17.4-11.5)	0.1 (0.1-0.2)	-5.2 (-22.3-13.8)	0 (0-0)	19.3 (-31.4-102)	0.6 (0.4-0.9)	-32.3 (-40.1--24.1)
Gabon	5.9 (3.8-9)	-6.6 (-17-4.5)	3.9 (2.5-5.8)	-7.2 (-17-3.3)	1 (0.6-1.5)	-7.9 (-20.4-6.5)	0.1 (0.1-0.2)	-11.4 (-28.3-8.7)	0 (0-0)	23.7 (-25.8-106)	0.7 (0.5-1)	-27.8 (-35.1--19.8)
Eastern Sub-Saharan Africa	14.3 (9.7-20.6)	3 (-0.7-6.8)	11.6 (7.9-16.3)	-1.3 (-5.3-2.4)	6.6 (4.5-9.2)	-12.5 (-17.9--7.6)	1.7 (1.2-2.5)	-26.4 (-31.9--21)	0 (0-0)	-5.5 (-19-6.9)	4.4 (3.1-6.1)	-18.2 (-21.9--14.4)
Burundi	9.8 (6.6-14.3)	2.1 (-8.5-14.4)	7.3 (5-10.8)	1.9 (-9-12.6)	3.7 (2.5-5.2)	2.4 (-8.6-14.6)	0.9 (0.6-1.3)	-1.9 (-15.4-13)	0 (0-0)	3 (-29.6-51.7)	2.7 (1.9-3.8)	-2 (-11.8-8.3)
Comoros	5.2 (3.5-7.6)	0 (-9.8-12.3)	4.1 (2.7-6)	-0.4 (-10.3-11.6)	2.3 (1.6-3.2)	-1.3 (-11.6-11.3)	0.6 (0.4-0.8)	-11.7 (-22.7-0.8)	0 (0-0)	9.6 (-27.3-61.5)	1.2 (0.8-1.7)	-22.3 (-29.8--13.2)
Djibouti	3.2 (2.1-4.7)	0 (-11.1-10.3)	2.5 (1.7-3.7)	-1.1 (-12.4-8.6)	1.5 (1-2.1)	0.8 (-11.6-11.5)	0.3 (0.2-0.4)	-21.8 (-32.8--9.6)	0 (0-0)	-5.3 (-36.9-47.3)	0.8 (0.5-1.1)	-17.8 (-27--9.2)
Eritrea	3.9 (2.6-5.8)	-0.4 (-9.9-10.2)	3 (2-4.3)	-0.9 (-9.5-8.8)	1.6 (1-2.3)	-1.3 (-10.7-9.2)	0.4 (0.3-0.6)	-5.6 (-18.4-7.5)	0 (0-0)	0.1 (-40.9-55.3)	1 (0.7-1.4)	-15.7 (-22.8--7.6)
Ethiopia	3.9 (2.6-5.7)	-0.2 (-5.5-4.7)	3.1 (2-4.4)	-0.9 (-5.9-4.1)	1.5 (1-2.2)	-0.8 (-6.3-4.6)	0.4 (0.2-0.5)	-5.8 (-12.5-1)	0 (0-0)	3.3 (-17.3-28.7)	1 (0.7-1.5)	-11 (-15.4--6.5)
Addis Ababa	3.1 (2.1-4.5)	-0.5 (-10.6-12.1)	2.7 (1.8-3.9)	-1.5 (-11.2-10.4)	1.7 (1.1-2.4)	0.2 (-10.5-11.6)	0.3 (0.2-0.4)	-36.5 (-45.2--25.2)	0 (0-0)	-6.4 (-39.8-45.7)	0.7 (0.5-1)	-28.4 (-35.9--19.7)
Afar	4.3 (2.9-6.3)	-0.6 (-11.3-12.5)	3.3 (2.2-4.8)	-1 (-11.2-11.8)	1.5 (1-2.2)	0.4 (-10-14)	0.3 (0.2-0.5)	-5.2 (-19-11.4)	0 (0-0)	4.3 (-36.5-81.3)	1.1 (0.8-1.6)	-5.2 (-14.8-6.4)
Amhara	3.8 (2.6-5.6)	-0.3 (-11-11.1)	3 (2-4.4)	-0.6 (-10.7-10.4)	1.5 (1-2.1)	-0.3 (-11.7-12.4)	0.4 (0.2-0.5)	-7 (-20.9-9)	0 (0-0)	0.5 (-36-54.4)	1 (0.7-1.4)	-15.2 (-24--5.4)
Benishangul-Gumuz	4.6 (3-6.7)	-0.9 (-10.6-10.6)	3.5 (2.4-5.1)	-1.7 (-11.1-9.2)	1.6 (1.1-2.4)	-0.8 (-12-12)	0.3 (0.2-0.5)	-7.9 (-21.3-9.8)	0 (0-0)	5.9 (-37.1-78.8)	1.2 (0.8-1.7)	-13 (-21.5--2.9)
Dire Dawa	3.6 (2.4-5.5)	-0.8 (-11.3-11.1)	2.9 (1.9-4.2)	-1.8 (-11.6-9)	1.4 (1-2.1)	-1.1 (-11.4-9.7)	0.3 (0.2-0.5)	-14.8 (-26.8--2.4)	0 (0-0)	1.6 (-34.7-56.5)	0.8 (0.6-1.2)	-18.5 (-26.2--10.6)
Gambella	4.2 (2.8-6.2)	-0.2 (-13-10.2)	3.3 (2.1-4.8)	-1.3 (-13.6-9.5)	1.6 (1-2.2)	-1.4 (-12.4-10.4)	0.4 (0.2-0.6)	-1.8 (-15.4-14.7)	0 (0-0)	32.5 (-18-114)	1 (0.7-1.4)	-19.2 (-28.1--10.3)
Harari	3.6 (2.5-5.4)	-0.6 (-10.4-11.4)	2.9 (2-4.2)	-1.8 (-11.2-9.4)	1.5 (1-2.1)	-1.4 (-11.4-11.2)	0.3 (0.2-0.5)	-11.3 (-22.8-3)	0 (0-0)	8 (-33-66.8)	0.9 (0.6-1.2)	-18.7 (-26--9.8)
Oromia	3.9 (2.6-5.6)	0.1 (-9.6-10.3)	3 (2-4.4)	-0.7 (-10.3-10.5)	1.5 (1-2.1)	-0.9 (-12.1-11.5)	0.4 (0.3-0.6)	-2.2 (-16.6-13.9)	0 (0-0)	3.5 (-33.8-64.7)	1.1 (0.8-1.6)	-8.2 (-17.1-1.9)
Somali	3.9 (2.5-5.8)	-0.6 (-10.4-10.7)	3 (2-4.6)	-0.8 (-10.2-9.8)	1.5 (1-2.1)	1.4 (-8.9-13.8)	0.4 (0.2-0.5)	-13.8 (-25.8-0.2)	0 (0-0)	3.9 (-34.2-67.7)	1.1 (0.8-1.6)	-4.6 (-13.7-5.3)
Southern Nations, Nationalities, and Peoples	4 (2.7-5.9)	-1.7 (-13-9.4)	3.1 (2.1-4.5)	-2 (-12.6-8.7)	1.5 (1-2.2)	-1.8 (-13.8-9.5)	0.4 (0.2-0.6)	0.2 (-13.3-16.3)	0 (0-0)	7.1 (-30.8-63)	1.1 (0.8-1.6)	-12.2 (-22.1--3.2)
Tigray	3.7 (2.5-5.4)	-0.4 (-9.9-10.5)	3 (2-4.4)	-1.1 (-10.4-9.5)	1.5 (1-2.2)	-1.9 (-11.7-8.6)	0.4 (0.2-0.5)	-8.2 (-20.9-6)	0 (0-0)	3.7 (-36.3-60.6)	1 (0.7-1.4)	-17.2 (-25.1--8.7)
Kenya	83.1 (56.1-121)	17.3 (10.3-24.5)	67.3 (45.9-96)	10.7 (4-17.2)	36.6 (25.2-51.6)	-11.3 (-18.5--4.3)	8.6 (5.9-12.1)	-36.1 (-42.4--29.7)	0 (0-0)	-24 (-38.1--8.4)	21.8 (15.4-30.3)	-22.6 (-27.4--17.8)
Baringo	47.4 (31.1-69.7)	24.4 (10.2-39.3)	38.9 (25.9-56.5)	16 (3.1-29.9)	20.3 (13.9-29.3)	-9.3 (-21.7-3.8)	5.4 (3.6-7.8)	-30.9 (-42.2--19.3)	0 (0-0)	-21.3 (-49.7-16.2)	13.4 (9.4-19.1)	-18.8 (-28.2--8.9)
Bomet	47.1 (32.2-67.2)	17.1 (3.5-32)	41.3 (27.8-58.7)	11.9 (-0.8-26.3)	27.4 (18.4-38.6)	-4.5 (-16.3-7.3)	7.5 (5.1-10.6)	-31.6 (-41.1--20.7)	0 (0-0)	-12.3 (-41.7-29)	16.2 (11-22.6)	-21.6 (-30.3--12)
Bungoma	115 (77.8-169)	24 (10.8-42.4)	92.5 (61.5-131)	14.5 (2.9-30.5)	49.7 (33.5-70.8)	-9.6 (-21.3-3.6)	14.1 (9.6-20.2)	-29.4 (-39.3--17.3)	0 (0-0)	-24.9 (-48.4-7.1)	34.1 (23.8-48)	-15.7 (-25--4.4)
Busia	194 (129-284)	24.2 (9.3-42.7)	156 (104-225)	15 (1.7-31.4)	81.2 (54.3-116)	-8.9 (-20-4.7)	20.9 (14.2-29.8)	-31.5 (-42.4--20.2)	0 (0-0)	-16.8 (-42.5-19.5)	55 (37.6-76.3)	-15.8 (-25.2--4.5)
Elgeyo-Marakwet	47.7 (31.9-70)	19.3 (5.7-36)	40.7 (27.4-58.8)	12.5 (-0.1-27.5)	24.8 (16.9-35.2)	-7.3 (-18.7-5.2)	6.6 (4.5-9.3)	-32 (-41.6--20.2)	0 (0-0)	-33.2 (-56.2-0.1)	14.4 (10-20)	-24.1 (-32.8--14.2)
Embu	32.9 (22.3-47.8)	18.3 (4.6-32.2)	27.7 (18.9-39.5)	11.1 (-2.3-23.9)	16.9 (11.6-23.8)	-7.9 (-19.4-3.6)	4.1 (2.8-5.8)	-38.8 (-48.3--29.5)	0 (0-0)	-11.2 (-41.8-31.9)	8.1 (5.6-11.1)	-32.1 (-40.4--24.2)
Garissa	39 (25.7-57.1)	22.7 (6.8-41.3)	32.9 (21.8-47.4)	15.5 (1.1-34.3)	18.8 (12.9-27.4)	-7 (-19.6-6)	5.4 (3.7-7.8)	-26.3 (-38.3--13.6)	0 (0-0)	-21.3 (-48.8-20.1)	13.6 (9.5-19)	-8.5 (-19.4-4.1)
Homa Bay	287 (193-425)	25.7 (10.3-41.8)	225 (151-328)	14.6 (1-28.8)	112 (76.5-158)	-9.7 (-21-3.2)	26.8 (18.2-38.4)	-32.1 (-42.7--20.4)	0 (0-0)	-21.5 (-47.9-14)	78.3 (54.8-110)	-13.2 (-22.9--2.5)
Isiolo	43.4 (29.3-63.3)	27.3 (11.8-46.2)	34 (22.7-49.1)	16.4 (2-33.5)	16.5 (11.2-23.4)	-10 (-23.3-4.5)	3.8 (2.5-5.4)	-34 (-45.5--21.8)	0 (0-0)	-25.4 (-52.3-13.1)	10.6 (7.4-15)	-18.5 (-29--7.1)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Kajiado	34.1 (23.6-48.8)	19.1 (4.6-33.5)	28.7 (19.7-41.1)	12.1 (-0.3-25)	17.8 (12.3-25.2)	-6.7 (-17.5-5.4)	4.1 (2.8-5.8)	-38.5 (-48.2--28.1)	0 (0-0)	-5.8 (-41.1-39.1)	9.6 (6.7-13.4)	-26.3 (-33.7--17.4)
Kakamega	117 (78.8-170)	24.5 (10.1-40.8)	93.7 (64-135)	15.4 (2.8-31.2)	48.7 (33.1-68.8)	-9.5 (-21.5-4.9)	12.1 (8.2-17.1)	-36.1 (-46.8--24.7)	0 (0-0)	-9.3 (-41.5-38)	31.5 (22.3-43.9)	-21.1 (-30.2--9.9)
Kericho	53.2 (35.7-78.1)	19.2 (2.4-36.4)	44.8 (30.4-65.3)	11.9 (-3.3-27.7)	27.3 (18.8-38.8)	-7.2 (-20.4-6.6)	7 (4.8-10)	-37.1 (-46.7--26.2)	0 (0-0)	-29 (-52.9-2.8)	15.6 (10.9-21.8)	-26.1 (-35.5--16)
Kiambu	34.4 (23.7-49.7)	19.3 (5.4-33.9)	29.6 (20.2-42.2)	12.8 (-0.3-27.8)	18.3 (12.5-26.1)	-6.1 (-17.1-5.9)	3.7 (2.5-5.2)	-43 (-51.4--34.3)	0 (0-0)	-11.4 (-42.6-37.2)	8.5 (5.8-11.6)	-29.5 (-37.4--21)
Kilifi	152 (104-225)	24.8 (9.6-43.7)	122 (84.5-177)	15.4 (1.4-31.6)	65.3 (44.3-92.7)	-9 (-22.2-5)	17.3 (11.7-24.9)	-29.4 (-40.6--16.6)	0 (0-0)	-17.8 (-47.7-21.7)	41.9 (29.3-58.6)	-16.5 (-27.2--5)
Kirinyaga	33.4 (22.2-48)	20.2 (7-35.6)	28.3 (18.8-40.7)	13.2 (1-27.4)	16.8 (11.5-23.9)	-7.3 (-18.6-4.8)	3.5 (2.4-5)	-43.3 (-52--33.4)	0 (0-0)	-8.1 (-39.3-35.1)	7.2 (5.1-10.3)	-34.6 (-41.5--26.2)
Kisii	131 (88.8-194)	22.2 (7.1-41.3)	107 (73.3-156)	13.6 (-1.3-29.8)	58.8 (40.3-83.4)	-9.5 (-21.3-4.3)	15.1 (10.4-21.4)	-35.2 (-45.1--24)	0 (0-0)	-30.4 (-55.5-6)	32.8 (23.3-46)	-29.5 (-38.2--19.5)
Kisumu	156 (103-226)	24.5 (8.2-47.5)	124 (81.8-178)	14.4 (1.1-33.1)	64.9 (43.8-91.9)	-9.3 (-20.7-3.6)	15 (10.2-21.6)	-35.2 (-45.2--24.7)	0 (0-0)	-23 (-49.2-10.4)	37.8 (26.1-52.1)	-22.6 (-31.4--12.5)
Kitui	39.9 (27.1-57.4)	21.9 (5.3-40.2)	33.5 (22.9-47.5)	14.5 (-0.5-30.5)	19.5 (13.4-27.3)	-7 (-19.2-5.4)	5.3 (3.6-7.5)	-30.1 (-40.9--18)	0 (0-0)	-12.3 (-43.6-37.7)	11.9 (8.4-16.2)	-20.8 (-30.2--10.8)
Kwale	148 (98.9-218)	23.5 (9-41.6)	120 (79.8-175)	14.6 (1-30.8)	65.3 (44.2-92.5)	-9.1 (-21.5-3.7)	16.7 (11.4-23.9)	-30 (-41.9--18)	0 (0-0)	-23 (-49.9-10.4)	41.3 (28.8-57.7)	-16.8 (-27--6)
Laikipia	32.4 (22.2-47)	17.2 (2.3-30.4)	28.4 (19.6-41.1)	11.8 (-1.9-24)	18.6 (12.9-26.2)	-4.9 (-15.8-6.7)	4.7 (3.3-6.5)	-33.8 (-44.1--21.8)	0 (0-0)	-17.4 (-44.2-23.4)	9.7 (6.9-13.5)	-26.4 (-34.9--18)
Lamu	42.6 (28.6-61.4)	23.5 (9.3-41.3)	34.8 (23.6-50.2)	14.7 (1-31.3)	18.7 (12.8-27)	-9.7 (-22-4)	4.6 (3.1-6.7)	-34.8 (-45.5--23.2)	0 (0-0)	-15.1 (-45.2-25.3)	10.5 (7.3-14.8)	-23.3 (-32.2--12.9)
Machakos	34.1 (23.2-49.6)	18 (4.3-33.7)	29.2 (19.9-41.8)	11.5 (-2.1-27.2)	17.8 (12.3-25.1)	-8.1 (-19.4-5.1)	4.2 (3-6.1)	-42.3 (-51.2--32.4)	0 (0-0)	-20 (-49.2-18.3)	8.7 (6.1-12)	-33.6 (-41.1--24.7)
Makueni	37.5 (25.1-54.4)	18.5 (4.6-34.6)	32.2 (21.9-47.3)	12.3 (-0.5-26.7)	19.8 (13.6-27.9)	-7.1 (-18.9-5.8)	5.1 (3.5-7.2)	-31.6 (-41.8--21.4)	0 (0-0)	-9.6 (-42.5-38.9)	11.1 (7.8-15.5)	-24.4 (-32.6--14.9)
Mandera	37.6 (25.1-55)	23.8 (8.3-38.1)	30.9 (20.7-44.7)	16.3 (1.7-29.8)	16.3 (11.1-23.2)	-9.4 (-21.1-3.5)	5 (3.4-7.3)	-18.5 (-31.9--4.4)	0 (0-0)	-13.6 (-46.1-30.6)	12 (8.4-16.9)	-12.6 (-22.3--1.7)
Marsabit	38.8 (25.8-57.2)	23.3 (8.5-39.3)	32.3 (21.3-47.7)	16.1 (3.2-31.2)	18 (12.2-25.4)	-7.2 (-20-6.3)	4.9 (3.3-7.1)	-26.3 (-38.9--13)	0 (0-0)	-8.4 (-43.2-37.5)	12 (8.3-17.1)	-13.3 (-24.1--2)
Meru	34.9 (23.4-52.3)	20.7 (6.8-38.3)	29.1 (19.4-43.4)	13 (0.6-28.3)	17 (11.6-24.6)	-8.2 (-19.7-4.7)	4.1 (2.8-6)	-38.1 (-48.1--27.6)	0 (0-0)	-18.3 (-47.8-21.6)	8.5 (5.9-12)	-31 (-38.9--22.1)
Migori	278 (190-410)	25.8 (11.8-45.8)	215 (145-303)	14.4 (2-31.9)	104 (71.5-148)	-10.8 (-22.7-4.4)	26 (17.6-37.3)	-30.3 (-41.4--18.9)	0 (0-0)	-13.6 (-43-25.1)	78.5 (54.7-109)	-9.7 (-19.1-3.6)
Mombasa	92.7 (63-135)	20.4 (4.8-37.7)	77.9 (52.6-112)	13 (-2.3-28.7)	45.9 (31.3-65.3)	-7.1 (-20.9-7.2)	9.6 (6.6-13.7)	-40.2 (-50--29.7)	0 (0-0)	-21.8 (-49.6-16.1)	23.1 (16.2-32.7)	-20.2 (-31.2--8.6)
Murang'a	32.3 (21.9-47.3)	18.4 (5.7-33)	27.8 (18.8-39.8)	12.4 (-0.2-26.2)	17.5 (11.9-25.1)	-6.1 (-18.1-6.2)	4.1 (2.8-5.8)	-40.1 (-48.6--29)	0 (0-0)	-9.6 (-41.6-31.5)	7.5 (5.3-10.4)	-37.3 (-44.3--29)
Nairobi	35.9 (24.7-50.6)	19.6 (5.9-39.5)	30.9 (21-43.6)	13.1 (0.5-29)	18.9 (12.9-27)	-5.2 (-16.6-7.9)	3.6 (2.5-5.2)	-43 (-51.7--33.2)	0 (0-0)	-26.8 (-55.4-14.4)	8.9 (6.2-12.4)	-22.4 (-31.2--12.5)
Nakuru	34.3 (23.1-49.8)	17.2 (3.9-34.3)	29.6 (19.9-42.9)	11.1 (-0.8-26.5)	18.8 (12.8-27.1)	-6.4 (-17.8-6.5)	4.7 (3.2-6.7)	-35.6 (-45.9--25)	0 (0-0)	-17.7 (-46.4-24.3)	9.8 (6.9-13.9)	-27.8 (-36.2--18.6)
Nandi	59.8 (41.1-86.1)	17.9 (4.1-34.8)	51.6 (35.4-73.5)	12 (-0.5-27.2)	32.4 (22.3-46.1)	-6.5 (-17.2-6.3)	8.5 (5.9-12)	-32.5 (-41.9--22.9)	0 (0-0)	-15.2 (-44.5-22.4)	18.4 (13-25.7)	-23.8 (-32.2--14.1)
Narok	48.3 (33.2-73)	18.9 (5.3-36)	41.7 (28.4-62.2)	13.1 (-1.2-28.5)	25.7 (17.7-36.9)	-6.4 (-18.4-6.8)	6.5 (4.5-9.4)	-31.1 (-41.4--18.3)	0 (0-0)	3.1 (-33.6-55.9)	17.1 (12-24.8)	-16.7 (-26.9--5.2)
Nyamira	86 (58-125)	17.4 (1.5-33.7)	74.9 (50.5-109)	11.6 (-3.4-26.8)	47.9 (33.1-69.5)	-5.4 (-17.5-7.4)	11.7 (8-16.8)	-31.3 (-43.2--20.4)	0 (0-0)	-6.5 (-39.6-30.2)	26.4 (18.4-37.5)	-22 (-31.4--11.7)
Nyandarua	33.3 (23.1-48.2)	17.2 (3.7-33.7)	29.7 (20.4-43.1)	12.7 (-0.2-28.8)	19 (13.2-26.9)	-5.4 (-16.2-6.7)	4.5 (3.1-6.5)	-32.5 (-41.8--21.9)	0 (0-0)	-12.4 (-43.9-30.1)	9.6 (6.8-13.3)	-29.3 (-37.1--20.6)
Nyeri	31.1 (20.8-44.8)	17.6 (3.6-31.7)	27.2 (18-38.9)	12.1 (-0.7-25.5)	17.3 (11.8-24.3)	-5.7 (-16.7-7.3)	3.7 (2.6-5.3)	-39.9 (-49--29.7)	0 (0-0)	-8.8 (-43.3-38)	7.1 (4.9-9.8)	-36 (-43--27.8)
Samburu	39.1 (26.3-56.1)	20.2 (3.1-37.9)	33.5 (22.7-48.1)	13.8 (-1.9-29.5)	20.1 (13.8-28.3)	-6.2 (-18.1-6.6)	5.3 (3.6-7.5)	-26.8 (-38.6--14)	0 (0-0)	-9.4 (-42.9-38.8)	13.6 (9.7-19)	-14 (-25.1--2.8)
Siaya	257 (170-382)	26.7 (11.1-49.3)	199 (134-290)	15.3 (1.8-34.3)	98 (67.3-139)	-10.4 (-22-3.5)	24 (16.2-34.6)	-34.2 (-44.2--24.1)	0 (0-0)	-29.5 (-52-3.4)	63.4 (44.9-88.3)	-18.2 (-27.4--6.6)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Taita Taveta	51.5 (35.1-77)	21.3 (7.2-36.6)	42.9 (28.9-62.5)	13.6 (0.7-27.3)	24.9 (16.9-35.1)	-7.5 (-19.7-4.1)	5.5 (3.8-8)	-40.1 (-50.3--30)	0 (0-0)	-17 (-46.9-28.6)	11.7 (8.2-16.4)	-30.8 (-39.3--22.9)
Tana River	58.4 (38.9-87.2)	22.8 (9-39.6)	48 (31.3-71.1)	14.7 (1.4-31)	25.4 (17.1-36)	-9.9 (-22.6-4.2)	6.6 (4.4-9.6)	-27.1 (-39.7--14.1)	0 (0-0)	-21.4 (-49.6-16.8)	18.1 (12.4-25.5)	-9.6 (-20.4-3.3)
Tharaka Nithi	37.5 (25.3-54.4)	22 (6.2-39.6)	30.7 (20.7-45)	13.6 (-0.4-29.6)	17.6 (11.8-25.2)	-8.4 (-20.2-5.5)	4.5 (3.1-6.6)	-30.5 (-42--18.8)	0 (0-0)	9 (-31.6-73.4)	9.8 (6.7-13.8)	-21.6 (-31.3--11.1)
Trans Nzoia	70.7 (48.2-99.9)	19.3 (7.7-35.3)	59.7 (40.4-85.8)	12.4 (1.2-27.6)	35.6 (24.3-51.4)	-7.7 (-19.7-5.5)	9.7 (6.5-13.8)	-31.5 (-42.3--20.3)	0 (0-0)	-21 (-46.6-16.6)	21.1 (14.8-29.7)	-24.1 (-33.2--14)
Turkana	55 (36.8-81)	22.6 (7.1-40.3)	45.6 (30.7-66)	14.7 (0.4-30.5)	25.7 (18-36.2)	-6.4 (-18.7-7.5)	7 (4.7-10.1)	-26 (-38.6--12.4)	0 (0-0)	-31 (-55-3.5)	17.9 (12.5-25.1)	-10.9 (-21.5-0.4)
Uasin Gishu	50.3 (34.9-72)	19.5 (5.5-36.9)	42.9 (29.6-62)	12.6 (-1-28.4)	26.7 (18.6-37.7)	-6.4 (-18.1-7.5)	6.8 (4.6-9.6)	-36.5 (-46.1--24.8)	0 (0-0)	-12.7 (-42.2-31.2)	14.6 (10.3-20.4)	-25.7 (-34--15.1)
Vihiga	141 (94.5-206)	23.3 (8.4-40.7)	116 (77-169)	15.5 (1.9-31.6)	63.1 (43.7-90.2)	-8.6 (-20.5-4.5)	17.2 (11.7-24.8)	-24.3 (-35.8--11.4)	0 (0-0)	-13.4 (-43.1-26.8)	36.4 (25.6-51.4)	-20.5 (-29.4--10.3)
Wajir	39.4 (26.6-57)	24.5 (6.5-43.9)	32.2 (21.4-46.5)	15.9 (-0.4-34.6)	16.9 (11.4-23.8)	-9.3 (-23-4.6)	5 (3.4-7.1)	-21.9 (-35.1--7.6)	0 (0-0)	-22.7 (-52.2-15.4)	13.1 (9.1-18.1)	-7 (-19.6-6)
West Pokot	65.4 (44.3-96)	23.8 (8.8-42.6)	53.8 (36.8-78.1)	15.7 (1.2-32.3)	29.1 (20.1-40.7)	-8.7 (-21-5.5)	8.1 (5.6-11.7)	-24.9 (-37.1--12.9)	0 (0-0)	-18 (-45.4-21.2)	21.4 (15.2-29.7)	-11.3 (-21.4-0.9)
Madagascar	10.3 (7-15.2)	-2.2 (-11.9-8.8)	7.9 (5.2-11.4)	-2.8 (-13.1-8)	4.1 (2.7-5.9)	-3.1 (-13.4-9.2)	1 (0.7-1.5)	-4.7 (-16.9-10.9)	0 (0-0)	5.3 (-28.5-56.6)	2.7 (1.9-3.8)	-13.9 (-22.3--4.3)
Malawi	8.4 (5.6-12.2)	0.6 (-10.6-11.8)	6.2 (4.2-9.1)	-1 (-12-10)	3 (2-4.4)	-0.5 (-11-11.1)	0.8 (0.5-1.2)	2.1 (-12.9-17.9)	0 (0-0)	0 (-35-56.6)	2.1 (1.4-3)	-11.7 (-21.8--2.5)
Mozambique	9.4 (6.7-12.7)	2 (-7.6-12.9)	6.9 (5-9.3)	1 (-8-11.3)	3.3 (2.2-4.6)	1 (-9.4-12.5)	0.8 (0.5-1.2)	6.2 (-10.1-25.3)	0 (0-0)	5.3 (-35.8-73.5)	2.5 (1.8-3.4)	-1 (-10.1-9.1)
Rwanda	6.6 (4.3-9.7)	1.2 (-8.6-13.4)	4.9 (3.3-7.1)	0.7 (-8.4-11.6)	2.5 (1.7-3.6)	1.8 (-7.9-14.2)	0.6 (0.4-0.9)	-10.6 (-22.6-3.1)	0 (0-0)	-1.2 (-38.9-56.6)	1.6 (1.1-2.2)	-16.8 (-24.3--7.3)
Somalia	4.2 (2.8-6.1)	-0.7 (-11.9-11)	3.1 (2-4.4)	-1.5 (-11.3-9.8)	1.5 (1-2.1)	-0.8 (-11.3-11.3)	0.4 (0.2-0.5)	-6.3 (-20.1-8.9)	0 (0-0)	-23.1 (-54.3-22.8)	1.1 (0.8-1.6)	-3.5 (-13-6.8)
South Sudan	7 (4.7-10.2)	2.4 (-7.9-12.7)	5.1 (3.5-7.4)	2.6 (-7-13.7)	2.4 (1.6-3.4)	1.1 (-9.2-13.1)	0.6 (0.4-0.9)	6.2 (-7.8-23.1)	0 (0-0)	14.2 (-23.3-72.1)	1.8 (1.2-2.5)	-2.9 (-11.6-7.7)
Uganda	2 (1.4-2.8)	-0.1 (-11.1-10.4)	1.4 (1-2)	-1 (-10.9-8.5)	0.7 (0.5-1)	-1 (-12.3-9.2)	0.2 (0.1-0.3)	-2.2 (-16.2-14.2)	0 (0-0)	14.3 (-29.3-91.9)	0.5 (0.4-0.7)	-10.5 (-19.6--2.6)
United Republic of Tanzania	12.1 (8.1-17.5)	2.9 (-9.2-14.5)	9.2 (6.2-13.1)	2 (-9.5-13.6)	5 (3.3-7)	2.5 (-7.8-14.3)	1.3 (0.9-1.9)	-1.6 (-14.4-13.2)	0 (0-0)	14.5 (-28.6-69.3)	3.4 (2.4-4.8)	-4.4 (-13.7-5.2)
Zambia	18.9 (12.7-27.8)	2 (-9.3-16.5)	14.2 (9.7-20.7)	1.2 (-8.9-15.6)	7.4 (4.9-10.5)	0.7 (-9.6-13.9)	1.8 (1.2-2.6)	-7.7 (-19.8-7.6)	0 (0-0)	11.7 (-28.8-78.2)	5 (3.5-7)	-11.8 (-20.1--1.1)
Southern Sub-Saharan Africa	1.7 (1.2-2.5)	0.2 (-4.4-5.4)	1.2 (0.8-1.7)	-0.2 (-4.7-4.9)	0.4 (0.3-0.6)	2.7 (-2.7-8.5)	0.1 (0-0.1)	-18.8 (-24.4--11.6)	0 (0-0)	13.3 (-9.4-45.4)	0.2 (0.2-0.3)	-15.6 (-19.4--11.7)
Botswana	1.5 (1-2.2)	0.4 (-11.7-20.1)	1 (0.7-1.5)	0.1 (-11.6-21.4)	0.4 (0.2-0.6)	0.8 (-13.1-16.8)	0.1 (0-0.1)	-26.8 (-39.8--10.8)	0 (0-0)	6 (-40.8-79.4)	0.2 (0.1-0.3)	-22.5 (-31.9--10)
Eswatini	1.7 (1.1-2.6)	0.2 (-8.4-11.4)	1.2 (0.8-1.7)	-0.6 (-10-11.3)	0.4 (0.2-0.6)	-1.4 (-14.3-13.7)	0.1 (0-0.1)	-20.1 (-34.3--2.8)	0 (0-0)	-3.6 (-46.4-68.2)	0.3 (0.2-0.4)	-20.4 (-28.4--10.7)
Lesotho	1.5 (1-2.3)	0.3 (-12.2-12.5)	1 (0.7-1.6)	-0.5 (-13-11.4)	0.3 (0.2-0.5)	-0.1 (-14.3-13.7)	0 (0-0.1)	-21 (-36.2--5.1)	0 (0-0)	2.1 (-43.5-79.3)	0.2 (0.1-0.3)	-19.4 (-29.5--10.3)
Namibia	1.6 (1.1-2.5)	-2.4 (-16.5-10)	1.2 (0.7-1.7)	-2.1 (-16.2-10.5)	0.4 (0.3-0.6)	-2.9 (-14.9-10.3)	0.1 (0-0.1)	-17.5 (-30.8-1.3)	0 (0-0)	12.4 (-33.6-87.3)	0.3 (0.2-0.4)	-15.7 (-25.3--5.5)
South Africa	1.4 (1-2.1)	-1.9 (-6.5-2.7)	1 (0.7-1.5)	-1.9 (-6.3-2.6)	0.4 (0.2-0.6)	1.4 (-3.5-6.6)	0 (0-0.1)	-21.2 (-27.4--14.5)	0 (0-0)	11.7 (-13.3-47.8)	0.2 (0.1-0.3)	-19.4 (-22.7--15.6)
Eastern Cape	1.5 (1-2.2)	-0.2 (-12.2-14.4)	1 (0.7-1.5)	-0.3 (-11.8-13.8)	0.3 (0.2-0.5)	0.3 (-12.5-16.2)	0 (0-0.1)	-20.7 (-35.3-0.4)	0 (0-0)	4.8 (-42.1-99.2)	0.2 (0.1-0.3)	-22.5 (-30.7--11.3)
Free State	1.5 (1-2.2)	0.3 (-12.2-16.1)	1 (0.7-1.5)	0 (-11.5-14.7)	0.4 (0.2-0.6)	1.4 (-11.6-19.1)	0 (0-0.1)	-21.3 (-36.7--3.5)	0 (0-0)	-2 (-43.6-64.3)	0.2 (0.1-0.2)	-17.3 (-26.4--4)
Gauteng	1.3 (0.9-1.9)	0.7 (-11.9-24.7)	0.9 (0.7-1.4)	-0.3 (-12-20.1)	0.4 (0.2-0.6)	2.9 (-9.7-22.1)	0 (0-0.1)	-18.1 (-32.3-1.9)	0 (0-0)	-7.2 (-46.1-67.6)	0.2 (0.1-0.2)	-6.7 (-17.2-11.4)
KwaZulu-Natal	1.5 (1-2.3)	-1.2 (-11.8-11.1)	1.1 (0.7-1.6)	-1.2 (-11.6-12.1)	0.4 (0.2-0.6)	0.2 (-12.3-16.9)	0 (0-0.1)	-21.4 (-37.3--3)	0 (0-0)	-5.2 (-47.6-62.5)	0.2 (0.1-0.3)	-20.4 (-28.7--8.4)
Limpopo	1.6 (1.1-2.4)	0.4 (-9.2-15.5)	1.2 (0.8-1.7)	0.6 (-8.3-12.7)	0.4 (0.3-0.6)	1 (-10.2-16.2)	0.1 (0-0.1)	-23.5 (-35.3--7.5)	0 (0-0)	11.6 (-34-83.2)	0.2 (0.2-0.3)	-21.1 (-28.4--11.7)

Location	Birth Incidence rate (per 100,000 live births), 2021	Birth Incidence rate (per 100,000 live births) percent change (2000-2021)	Under-5 rate (per 100,000 population), 2021	Under-5 rate (per 100,000 population) percent change (2000-2021)	5-14 rate (per 100,000 population), 2021	5-14 rate (per 100,000 population) percent change (2000-2021)	15-49 rate (per 100,000 population), 2021	15-49 rate (per 100,000 population) percent change (2000-2021)	50plus rate (per 100,000 population), 2021	50plus rate (per 100,000 population) percent change (2000-2021)	All age rate (per 100,000 population), 2021	All age rate (per 100,000 population) percent change (2000-2021)
Mpumalanga	1.6 (1-2.5)	-1.9 (-17.5-11.7)	1.1 (0.7-1.7)	-1.7 (-16.9-11.4)	0.4 (0.3-0.6)	-0.8 (-14.4-13.5)	0.1 (0-0.1)	-22.2 (-35.9--7)	0 (0-0)	-0.2 (-36.7-73.1)	0.2 (0.1-0.3)	-20.4 (-30.9--11.2)
North-West	1.4 (0.9-2.2)	-0.7 (-13.3-18.8)	1 (0.7-1.5)	-1 (-14.1-17.7)	0.4 (0.2-0.6)	0.9 (-13.7-15.7)	0 (0-0.1)	-19.1 (-35.7--0.8)	0 (0-0)	-7.9 (-47.7-53.4)	0.2 (0.1-0.3)	-12.6 (-24.3-0.7)
Northern Cape	1.3 (0.9-2)	0 (-15.6-20.3)	1 (0.7-1.4)	0.4 (-14.1-20.8)	0.4 (0.2-0.6)	0.8 (-14.1-18)	0 (0-0.1)	-12.1 (-28.6-6.7)	0 (0-0)	-7.2 (-44.8-59)	0.2 (0.1-0.3)	-16.3 (-28.2--0.8)
Western Cape	1.1 (0.7-1.6)	0 (-18.4-19.6)	0.8 (0.6-1.2)	-0.2 (-18.2-18.4)	0.4 (0.3-0.6)	1.2 (-17.1-21.4)	0.1 (0-0.1)	-20.6 (-37-0.7)	0 (0-0)	-3.1 (-44.6-59.3)	0.1 (0.1-0.2)	-21.8 (-35.8--7)
Zimbabwe	2.4 (1.5-3.6)	0.4 (-11.4-13)	1.6 (1-2.4)	-0.4 (-11.2-10.5)	0.6 (0.4-0.8)	0.9 (-12.3-14.6)	0.1 (0-0.1)	-13.9 (-27.8-3.6)	0 (0-0)	5.4 (-37.5-67.9)	0.4 (0.3-0.6)	-8.6 (-18.6-1.5)
Western Sub-Saharan Africa	52.6 (38.2-73.3)	-3.7 (-6.3--0.9)	33.9 (24.6-46.4)	-5.1 (-7.5--2.3)	9.4 (6.4-13.2)	-6.5 (-9.8--3.1)	1.7 (1.1-2.5)	-6.1 (-9.8--2)	0 (0-0)	4.7 (-3.3-13.9)	8.7 (6.4-11.4)	-13.3 (-15.6--10.7)
Benin	11.4 (8.2-16)	0.1 (-9.7-10.1)	7.2 (5.2-9.8)	-0.8 (-10.7-8.7)	1.9 (1.2-2.8)	-2.9 (-16.2-11.9)	0.3 (0.2-0.5)	-0.6 (-16.7-19.9)	0 (0-0)	12.5 (-27-81.5)	1.9 (1.4-2.6)	-8.8 (-17.1-0.4)
Burkina Faso	40.2 (31.2-52.3)	0.8 (-8.3-11.6)	24.8 (19.2-32.9)	0 (-9.4-10.2)	6.3 (4.2-9.1)	-1.3 (-13.9-13.9)	1 (0.7-1.6)	-5.6 (-19.3-13)	0 (0-0)	11.6 (-29.4-77.2)	6.6 (5.1-8.5)	-7.1 (-16.1-3.2)
Cabo Verde	7.7 (5-11.5)	-1.8 (-12.7-11.9)	5.7 (3.7-8.3)	-2.2 (-12.7-10.5)	2.5 (1.6-3.6)	-2.4 (-13.8-9.3)	0.4 (0.3-0.6)	-25.1 (-36.6--13.9)	0 (0-0)	46.1 (-12.8-125)	1.2 (0.8-1.7)	-32 (-39.5--24.2)
Cameroon	15 (11.3-19.9)	2.9 (-5.9-13.2)	9.5 (7.1-12.5)	0.5 (-8.5-9.6)	2.7 (1.8-3.9)	-0.1 (-11.6-13.3)	0.5 (0.3-0.7)	-3.4 (-18.1-15.1)	0 (0-0)	8.5 (-31.4-72)	2.2 (1.7-3)	-14 (-22.4--6.2)
Chad	27.2 (20.6-35.8)	-3.4 (-12.2-6)	16.9 (12.9-22.3)	-4.3 (-13.1-4.7)	4.3 (3-6.2)	-5.4 (-17.3-8.7)	0.8 (0.5-1.2)	1.6 (-14.5-19.9)	0 (0-0)	8.1 (-32.9-72.6)	5 (3.9-6.5)	-5.6 (-14.1-3.4)
Côte d'Ivoire	166 (131-215)	-0.2 (-9.5-9.6)	108 (84.4-138)	-1.6 (-10.2-8.2)	31.8 (21.7-44.4)	-1.8 (-13.2-14.5)	4.9 (3.2-7.1)	-11.1 (-24-5.4)	0 (0-0)	2.4 (-30.3-55.8)	26.6 (21-33.9)	-12.5 (-20--3.2)
Gambia	25.6 (16.4-39.6)	-1.9 (-12.5-13)	17.2 (11.2-25.9)	-3.9 (-14.5-8.8)	5.2 (3.3-7.6)	-3 (-15.6-10)	1 (0.6-1.4)	-2.1 (-16.4-14.6)	0 (0-0)	8 (-33-70.5)	4.3 (3-6)	-17.6 (-25.9--8)
Ghana	21.5 (16-28.2)	0.1 (-8.7-10.1)	14.4 (10.7-18.7)	-0.3 (-8.8-9.3)	4.3 (2.9-6)	-1.5 (-13.2-11.6)	0.7 (0.4-1)	-5.8 (-21.2-11.7)	0 (0-0)	6.1 (-36-69.3)	3.1 (2.4-4)	-17.9 (-25--10.3)
Guinea	6.7 (4.7-9.6)	-0.5 (-11.4-11.1)	4.1 (2.8-5.9)	-2 (-11.9-8.9)	1 (0.7-1.5)	-3 (-15.5-12.4)	0.2 (0.1-0.3)	-0.7 (-17.4-20.8)	0 (0-0)	9.8 (-31.9-86.8)	1 (0.8-1.4)	-7 (-16.4-3.7)
Guinea-Bissau	18.2 (11.5-28)	-2.1 (-12.3-9.6)	11.6 (7.5-17.2)	-3.6 (-13.7-8)	3.1 (2-4.6)	-3.2 (-16-11.6)	0.5 (0.3-0.7)	-11.1 (-24.9-6.1)	0 (0-0)	3.9 (-36.6-78.6)	2.8 (1.9-4)	-16.1 (-24--6.6)
Liberia	193 (148-249)	0.4 (-9-10.3)	117 (91.1-151)	-2.1 (-11.1-7.8)	30.7 (20.7-43.7)	-3.9 (-15.7-9.6)	5.1 (3.4-7.4)	-11 (-23.4-3.7)	0 (0-0)	27.9 (-14.2-87.4)	25 (19.3-32)	-23 (-30.3--15.4)
Mali	23.9 (18-32.2)	1.9 (-9.1-11.7)	14.8 (11.3-19.8)	0.9 (-9.6-10.8)	3.7 (2.5-5.2)	-0.2 (-13.8-15.2)	0.7 (0.4-1)	7.7 (-8.6-28.8)	0 (0-0)	10.7 (-29.8-79.1)	4.1 (3.1-5.3)	-2.9 (-12.2-6.6)
Mauritania	15.4 (9.8-23.4)	-2.4 (-13.1-10.3)	10.6 (6.8-15.8)	-3.7 (-13.7-8)	3.5 (2.2-5.2)	-4.9 (-16.3-8.4)	0.7 (0.4-1)	-0.4 (-14.6-15.7)	0 (0-0)	2.6 (-30-66.1)	2.6 (1.8-3.7)	-18.7 (-26.7--9.4)
Niger	102 (81-134)	-4.4 (-12.7-5.2)	62.8 (49.6-81.8)	-5.8 (-14.4-3.5)	15.4 (10.4-22.2)	-6.9 (-18.9-8.2)	3 (1.9-4.3)	5.6 (-10.6-25.2)	0 (0-0)	-11.7 (-41.2-37)	18.9 (14.9-24.1)	-7 (-15-2.6)
Nigeria	55.5 (35.6-85.4)	-1.8 (-4.4-0.8)	36.8 (24.2-54.7)	-4.7 (-6.8--2.2)	10.4 (6.9-15)	-8.5 (-11.5--5.7)	2 (1.3-3)	-0.4 (-3.7-3.1)	0 (0-0)	4.8 (-4.3-14.9)	9.4 (6.5-13.2)	-12.6 (-15.1--9.9)
Sao Tome and Principe	32 (20.3-49.3)	-0.6 (-12.7-13.3)	21.8 (13.7-32.3)	-2.1 (-13.8-10.2)	7 (4.6-10.2)	-3.4 (-14.7-10.2)	1.3 (0.8-1.9)	-16.9 (-28.7--3.3)	0 (0-0)	37.2 (-9.2-105)	4.7 (3.2-6.7)	-26.7 (-35.1--18.2)
Senegal	20.3 (15.2-27.4)	1 (-6.4-10.4)	13.4 (9.9-17.9)	-0.2 (-8.2-9.4)	3.8 (2.5-5.4)	-1.9 (-14.5-13.3)	0.7 (0.4-1)	-3.8 (-19.6-12.8)	0 (0-0)	2.4 (-31.1-59.2)	3.1 (2.4-4.1)	-12.8 (-20.3-4.5)
Sierra Leone	15 (10.5-21.6)	-2 (-12.3-9.4)	9.1 (6.4-12.8)	-4.2 (-14-5.9)	2.3 (1.5-3.2)	-4.5 (-16.5-9.8)	0.4 (0.2-0.6)	0.1 (-16.1-20.5)	0 (0-0)	10.5 (-36.6-71.2)	2.1 (1.5-2.8)	-16.4 (-24.7--8.5)
Togo	43.8 (32.5-58.3)	0.6 (-7.8-10.5)	28.4 (20.8-37.8)	-0.8 (-9.3-8.8)	8.2 (5.5-11.7)	-1.3 (-14.4-13.5)	1.3 (0.8-1.9)	-7.9 (-21.8-7.4)	0 (0-0)	5 (-32.4-63.8)	6.6 (4.9-8.5)	-17.3 (-24.7--8.8)

Table S17: Under-5 sickle cell disease mortality metrics in 2000, 2010, and 2021

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
Global	1.9 (1.2-2.7)	10.6 (7.7-14.2)	1.8 (1.2-2.6)	11.3 (8.2-15.1)	1.7 (1-2.2)	12.5 (9-16.6)	0.1 (0.1-0.2)	0.7 (0.5-0.9)	0.2 (0.1-0.2)	1 (0.7-1.4)	0.2 (0.2-0.3)	1.7 (1.1-2.3)	51	22	44	16	40	12
Central Europe, Eastern Europe, and Central Asia	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	81	134	79	136	72
Central Asia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	126	135	120	135	118
Armenia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	132	106	128	109	132	100
Azerbaijan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	119	126	113	127	107
Georgia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	108	131	108	135	100
Kazakhstan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	115	134	114	132	104
Kyrgyzstan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	114	132	115	134	111
Mongolia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	124	127	117	128	110
Tajikistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	116	125	114	129	114
Turkmenistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	121	130	117	129	113
Uzbekistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	132	113	132	113	125	111
Central Europe	0 (0-0)	0.4 (0.3-0.7)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.3 (0.2-0.5)	122	45	123	42	126	32
Albania	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	102	88	103	75	110	71
Bosnia and Herzegovina	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	123	97	125	89	127	89
Bulgaria	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	109	101	113	92	108	80
Croatia	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	118	56	117	52	113	50
Czechia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	122	105	122	94	119	83
Hungary	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	101	120	92	115	85
Montenegro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	119	95	118	86	117	71
North Macedonia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	121	99	123	77	123	64
Poland	0 (0-0)	1.3 (0.8-2)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.7 (0.5-1.1)	0 (0-0)	0.7 (0.4-1)	0 (0-0)	1 (0.6-1.6)	117	19	119	18	115	13
Romania	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	123	92	124	80	124	70
Serbia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	130	115	131	96	131	92
Slovakia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	120	82	121	75	124	70
Slovenia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	82	129	72	125	63
Eastern Europe	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	132	115	131	107	130	91
Belarus	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	106	136	101	135	84
Estonia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	104	132	95	132	82

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
Latvia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	109	133	96	135	81
Lithuania	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	101	134	94	129	75
Republic of Moldova	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	110	133	108	135	101
Russian Federation	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	117	134	105	133	90
Ukraine	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	122	98	121	100	119	89
High-income	0.1 (0.1-0.1)	1.2 (1-1.5)	0.1 (0.1-0.1)	1.2 (1-1.5)	0 (0-0)	1 (0.8-1.3)	0 (0-0)	0.8 (0.7-1)	0 (0-0)	1 (0.8-1.2)	0 (0-0)	1.2 (0.9-1.5)	77	21	73	17	76	17
Australasia	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.3 (0.2-0.4)	102	44	104	44	113	39
Australia	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.3 (0.2-0.4)	102	46	105	44	114	37
New Zealand	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.3 (0.2-0.4)	102	40	96	41	99	35
High-income Asia Pacific	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	109	87	108	77	110	66
Brunei Darussalam	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	101	84	98	78	94	77
Japan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	107	82	106	77	109	72
Aichi	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.3)	106	58	105	50	108	44
Akita	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	92	106	84	112	78
Aomori	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	92	104	86	106	78
Chiba	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	106	74	105	68	107	64
Ehime	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	106	94	106	87	108	81
Fukui	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	87	106	84	109	84
Fukuoka	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	108	93	107	87	109	84
Fukushima	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	108	92	107	86	110	84
Gifu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	106	90	107	86	107	80
Gunma	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	108	94	110	85	109	81
Hiroshima	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	88	105	85	105	79
Hokkaidō	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	92	105	84	109	87
Hyōgo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	106	82	104	76	107	73
Ibaraki	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	106	72	106	66	107	64
Ishikawa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	104	88	103	84	108	79
Iwate	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	90	107	90	108	77
Kagawa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	90	106	85	105	80

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
Kagoshima	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	109	95	110	90	109	83
Kanagawa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	108	87	105	81	112	74
Kōchi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	106	88	107	86	109	81
Kumamoto	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	104	95	105	90	108	84
Kyōto	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	92	108	86	110	79
Mie	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	108	94	106	86	109	80
Miyagi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	89	106	87	106	79
Miyazaki	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	109	92	107	88	112	85
Nagano	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	92	107	86	108	78
Nagasaki	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	110	94	109	88	114	83
Nara	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	102	90	103	88	104	83
Niigata	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	91	108	84	110	76
Ōita	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	108	93	107	88	109	81
Okayama	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	92	108	85	106	78
Okinawa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	110	84	108	79	114	75
Ōsaka	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	106	87	104	83	107	80
Saga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	110	95	108	86	108	81
Saitama	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	92	107	88	107	79
Shiga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	91	105	85	107	78
Shimane	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	104	90	105	84	106	78
Shizuoka	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	105	90	106	86	108	84
Tochigi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	92	108	88	108	80
Tokushima	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	93	105	89	110	83
Tōkyō	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	110	76	108	67	112	65
Tottori	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	89	110	86	109	81
Toyama	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	105	87	104	84	107	79
Wakayama	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	106	91	106	86	106	81
Yamagata	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	90	105	86	108	76
Yamaguchi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	107	94	106	86	111	84

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
Yamanashi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	104	90	102	82	104	77
Republic of Korea	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.3 (0.2-0.4)	103	81	101	66	99	39
Singapore	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	116	74	116	63	116	50
High-income North America	0.1 (0.1-0.1)	1.3 (1.1-1.6)	0.1 (0.1-0.1)	1.1 (0.9-1.3)	0.1 (0.1-0.1)	0.8 (0.6-0.9)	0.1 (0.1-0.1)	0.8 (0.7-0.9)	0.1 (0.1-0.1)	0.8 (0.7-0.9)	0.1 (0.1-0.1)	0.6 (0.5-0.8)	57	22	57	19	63	23
Canada	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.1 (0-0.1)	73	45	74	43	77	62
Greenland	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	103	63	101	58	104	48
United States of America	0.1 (0.1-0.2)	1.4 (1.2-1.7)	0.1 (0.1-0.1)	1.2 (1-1.4)	0.1 (0.1-0.1)	0.8 (0.7-1)	0.1 (0.1-0.1)	0.8 (0.7-1)	0.1 (0.1-0.1)	0.8 (0.7-1)	0.1 (0.1-0.1)	0.7 (0.5-0.9)	57	22	57	18	63	23
Alabama	0.3 (0.3-0.3)	3.6 (2.9-4.4)	0.3 (0.2-0.3)	3.1 (2.5-3.8)	0.2 (0.2-0.2)	2.1 (1.6-2.6)	0.1 (0.1-0.1)	1.6 (1.3-1.9)	0.1 (0.1-0.1)	1.6 (1.3-2)	0.1 (0.1-0.1)	1.3 (0.9-1.7)	51	14	49	15	54	18
Alaska	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.2 (0.2-0.4)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	85	55	84	53	87	56
Arizona	0.1 (0.1-0.1)	0.6 (0.5-0.7)	0.1 (0.1-0.1)	0.6 (0.5-0.7)	0.1 (0-0.1)	0.5 (0.4-0.6)	0 (0-0.1)	0.3 (0.3-0.4)	0.1 (0-0.1)	0.4 (0.3-0.5)	0 (0-0)	0.4 (0.3-0.5)	71	35	71	33	75	35
Arkansas	0.2 (0.2-0.3)	2.5 (2-3.2)	0.2 (0.2-0.2)	2.1 (1.6-2.7)	0.1 (0.1-0.2)	1 (0.8-1.4)	0.1 (0.1-0.1)	1.2 (0.9-1.5)	0.1 (0.1-0.1)	1.3 (0.9-1.6)	0.1 (0.1-0.1)	0.7 (0.4-0.9)	55	18	52	17	58	25
California	0.1 (0.1-0.1)	0.5 (0.4-0.6)	0.1 (0.1-0.1)	0.4 (0.4-0.5)	0 (0-0)	0.3 (0.3-0.4)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0 (0-0.1)	0.4 (0.3-0.5)	60	33	61	31	71	30
Colorado	0.1 (0.1-0.1)	0.5 (0.3-0.6)	0 (0-0.1)	0.4 (0.3-0.5)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.2 (0.2-0.3)	73	37	77	35	76	40
Connecticut	0.1 (0.1-0.1)	1.3 (1.1-1.7)	0.1 (0.1-0.1)	1.2 (0.9-1.4)	0 (0-0.1)	0.8 (0.6-1)	0.1 (0.1-0.1)	1 (0.8-1.2)	0.1 (0.1-0.1)	1 (0.8-1.3)	0.1 (0-0.1)	1 (0.7-1.3)	56	17	58	16	66	17
Delaware	0.2 (0.2-0.2)	3.6 (2.9-4.4)	0.1 (0.1-0.2)	3.2 (2.6-4)	0.1 (0.1-0.2)	2.7 (2.1-3.4)	0.1 (0.1-0.1)	1.7 (1.3-2.1)	0.1 (0.1-0.1)	1.8 (1.4-2.2)	0.1 (0.1-0.1)	1.7 (1.2-2.2)	52	11	53	13	56	13
District of Columbia	0.6 (0.6-0.7)	9.7 (7.5-12.1)	0.5 (0.4-0.6)	8.1 (6.1-10.3)	0.3 (0.2-0.3)	4.3 (3.2-5.6)	0.2 (0.1-0.2)	2.5 (1.9-3.1)	0.2 (0.2-0.2)	2.7 (1.9-3.5)	0.1 (0.1-0.2)	2.4 (1.5-3.3)	45	11	45	9	49	11
Florida	0.2 (0.2-0.2)	2.4 (2-2.9)	0.2 (0.2-0.2)	2 (1.7-2.4)	0.1 (0.1-0.1)	1.5 (1.2-1.8)	0.1 (0.1-0.1)	1.3 (1.1-1.5)	0.1 (0.1-0.1)	1.3 (1.1-1.5)	0.1 (0.1-0.1)	1.2 (1-1.5)	51	16	51	15	56	16
Georgia	0.3 (0.3-0.3)	2.8 (2.3-3.4)	0.2 (0.2-0.2)	2.5 (2-3)	0.2 (0.1-0.2)	1.9 (1.6-2.4)	0.1 (0.1-0.1)	1.3 (1.1-1.6)	0.1 (0.1-0.1)	1.6 (1.3-2)	0.1 (0.1-0.1)	1.3 (1-1.6)	50	16	49	13	53	16
Hawaii	0 (0-0)	0.3 (0.1-0.4)	0 (0-0)	0.2 (0.1-0.4)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	84	48	83	46	89	56
Idaho	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	86	65	87	62	86	64
Illinois	0.2 (0.2-0.2)	1.5 (1.2-1.8)	0.1 (0.1-0.2)	1.1 (0.9-1.4)	0.1 (0.1-0.1)	0.6 (0.4-0.7)	0.1 (0.1-0.1)	0.7 (0.6-0.9)	0.1 (0.1-0.1)	0.8 (0.6-0.9)	0.1 (0.1-0.1)	0.5 (0.4-0.7)	54	22	55	18	60	24
Indiana	0.1 (0.1-0.2)	1.1 (0.9-1.3)	0.1 (0.1-0.1)	0.9 (0.7-1.1)	0.1 (0.1-0.1)	0.7 (0.5-0.8)	0.1 (0.1-0.1)	0.6 (0.5-0.7)	0.1 (0.1-0.1)	0.6 (0.5-0.7)	0.1 (0.1-0.1)	0.5 (0.3-0.6)	59	25	59	27	64	31
Iowa	0.1 (0.1-0.1)	0.4 (0.3-0.6)	0 (0-0.1)	0.4 (0.3-0.5)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0.1)	0.3 (0.3-0.5)	0 (0-0)	0.3 (0.2-0.4)	70	36	69	38	75	43
Kansas	0.1 (0.1-0.2)	0.9 (0.7-1.1)	0.1 (0.1-0.1)	0.8 (0.6-1)	0.1 (0.1-0.1)	0.5 (0.3-0.6)	0.1 (0.1-0.1)	0.5 (0.4-0.7)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	57	26	61	29	67	32
Kentucky	0.1 (0.1-0.1)	0.6 (0.4-0.8)	0.1 (0.1-0.1)	0.5 (0.4-0.7)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0-0.1)	0.3 (0.2-0.4)	65	32	66	34	70	36
Louisiana	0.3 (0.3-0.4)	3.5 (2.9-4.2)	0.3 (0.2-0.3)	2.9 (2.3-3.5)	0.2 (0.2-0.2)	1.8 (1.4-2.2)	0.1 (0.1-0.2)	1.5 (1.2-1.8)	0.1 (0.1-0.2)	1.6 (1.3-2)	0.1 (0.1-0.1)	1 (0.8-1.2)	49	14	48	14	54	18
Maine	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	82	69	82	70	84	77
Maryland	0.2 (0.2-0.2)	3.4 (2.8-4.2)	0.1 (0.1-0.2)	3 (2.4-3.6)	0.1 (0.1-0.1)	2 (1.6-2.5)	0.1 (0.1-0.1)	1.9 (1.5-2.3)	0.1 (0.1-0.1)	2 (1.6-2.4)	0.1 (0.1-0.1)	1.9 (1.4-2.4)	50	11	51	11	55	12
Massachusetts	0.1 (0.1-0.1)	1.1 (0.9-1.4)	0.1 (0-0.1)	0.9 (0.7-1.2)	0 (0-0)	0.6 (0.5-0.8)	0.1 (0-0.1)	1 (0.8-1.2)	0.1 (0-0.1)	0.9 (0.8-1.2)	0 (0-0.1)	0.8 (0.6-1.1)	63	17	63	16	70	18

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
Michigan	0.1 (0.1-0.2)	1.6 (1.3-2)	0.1 (0.1-0.1)	1.3 (1.1-1.6)	0.1 (0.1-0.1)	0.9 (0.7-1.1)	0.1 (0.1-0.1)	0.9 (0.7-1.1)	0.1 (0.1-0.1)	0.9 (0.7-1.1)	0.1 (0.1-0.1)	0.7 (0.5-0.8)	54	19	55	17	59	22
Minnesota	0.1 (0.1-0.1)	0.5 (0.4-0.6)	0.1 (0-0.1)	0.4 (0.3-0.6)	0 (0-0.1)	0.3 (0.2-0.4)	0.1 (0-0.1)	0.4 (0.3-0.5)	0 (0-0.1)	0.4 (0.3-0.6)	0 (0-0.1)	0.3 (0.2-0.4)	67	33	71	31	74	38
Mississippi	0.4 (0.3-0.4)	5.3 (4.4-6.5)	0.3 (0.3-0.3)	4.3 (3.5-5.3)	0.2 (0.2-0.2)	2.8 (2.2-3.5)	0.1 (0.1-0.2)	2 (1.6-2.4)	0.1 (0.1-0.1)	2 (1.7-2.5)	0.1 (0.1-0.1)	1.6 (1.1-2.1)	48	13	50	12	53	15
Missouri	0.1 (0.1-0.2)	1.6 (1.3-2)	0.1 (0.1-0.1)	1.4 (1.1-1.7)	0.1 (0.1-0.1)	0.9 (0.7-1.1)	0.1 (0.1-0.1)	1 (0.8-1.1)	0.1 (0.1-0.1)	0.9 (0.7-1.2)	0.1 (0.1-0.1)	0.7 (0.5-0.8)	54	20	56	18	62	25
Montana	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	87	94	86	92	87	92
Nebraska	0.1 (0.1-0.1)	0.6 (0.4-0.8)	0.1 (0.1-0.1)	0.5 (0.3-0.7)	0.1 (0-0.1)	0.3 (0.2-0.4)	0 (0-0.1)	0.3 (0.2-0.5)	0.1 (0-0.1)	0.4 (0.3-0.6)	0 (0-0.1)	0.2 (0.2-0.4)	68	34	67	34	73	40
Nevada	0.1 (0.1-0.1)	1.2 (0.9-1.5)	0.1 (0.1-0.1)	1.1 (0.9-1.3)	0.1 (0-0.1)	0.7 (0.6-0.9)	0.1 (0.1-0.1)	0.7 (0.6-1)	0.1 (0.1-0.1)	0.8 (0.7-1.1)	0.1 (0-0.1)	0.7 (0.5-1)	66	23	66	21	71	24
New Hampshire	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	80	49	84	52	85	57
New Jersey	0.1 (0.1-0.2)	1.7 (1.4-2)	0.1 (0.1-0.1)	1.4 (1.1-1.7)	0.1 (0-0.1)	0.9 (0.8-1.2)	0.1 (0.1-0.1)	1.1 (0.9-1.3)	0.1 (0.1-0.1)	1.3 (1.1-1.6)	0.1 (0.1-0.1)	1.3 (1-1.7)	52	15	53	14	57	14
New Mexico	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	80	79	80	77	83	77
New York	0.2 (0.1-0.2)	1.3 (1-1.7)	0.1 (0.1-0.1)	1.1 (0.9-1.4)	0.1 (0.1-0.1)	0.8 (0.6-1)	0.1 (0.1-0.1)	0.9 (0.7-1.1)	0.1 (0.1-0.1)	0.9 (0.7-1.1)	0.1 (0.1-0.1)	0.9 (0.7-1.2)	54	22	54	16	59	18
North Carolina	0.2 (0.2-0.2)	2.2 (1.8-2.7)	0.2 (0.1-0.2)	1.9 (1.6-2.3)	0.1 (0.1-0.1)	1.4 (1.1-1.7)	0.1 (0.1-0.1)	1 (0.9-1.3)	0.1 (0.1-0.1)	1.2 (1-1.5)	0.1 (0.1-0.1)	0.9 (0.7-1.2)	52	17	52	17	58	19
North Dakota	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	76	89	78	90	82	94
Ohio	0.1 (0.1-0.2)	1.3 (1-1.5)	0.1 (0.1-0.1)	1 (0.8-1.3)	0.1 (0.1-0.1)	0.7 (0.6-0.8)	0.1 (0.1-0.1)	0.7 (0.6-0.9)	0.1 (0.1-0.1)	0.6 (0.5-0.8)	0.1 (0.1-0.1)	0.4 (0.3-0.6)	54	21	55	22	59	30
Oklahoma	0.1 (0.1-0.2)	1.1 (0.9-1.4)	0.1 (0.1-0.2)	0.9 (0.7-1.2)	0.1 (0.1-0.1)	0.5 (0.3-0.6)	0.1 (0.1-0.1)	0.5 (0.4-0.7)	0.1 (0.1-0.1)	0.5 (0.4-0.7)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	62	24	64	28	67	38
Oregon	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.3)	80	39	83	38	84	42
Pennsylvania	0.1 (0.1-0.1)	1.1 (0.9-1.4)	0.1 (0.1-0.1)	1 (0.8-1.2)	0.1 (0.1-0.1)	0.6 (0.5-0.8)	0.1 (0.1-0.1)	0.7 (0.6-0.9)	0.1 (0.1-0.1)	0.6 (0.5-0.8)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	55	21	57	21	60	27
Rhode Island	0.1 (0-0.1)	1.2 (0.8-1.6)	0.1 (0-0.1)	0.8 (0.5-1.1)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.3 (0.2-0.4)	68	19	68	23	72	33
South Carolina	0.3 (0.3-0.3)	3 (2.5-3.7)	0.2 (0.2-0.2)	2.4 (2-2.9)	0.2 (0.1-0.2)	1.5 (1.2-1.8)	0.1 (0.1-0.1)	1.4 (1.2-1.7)	0.1 (0.1-0.2)	1.5 (1.2-1.8)	0.1 (0.1-0.1)	1.1 (0.8-1.4)	51	14	48	15	52	17
South Dakota	0.1 (0-0.1)	0.1 (0-0.2)	0 (0-0.1)	0.1 (0-0.2)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	77	69	78	73	81	77
Tennessee	0.2 (0.2-0.2)	2.2 (1.8-2.6)	0.2 (0.1-0.2)	1.9 (1.5-2.3)	0.1 (0.1-0.1)	1.4 (1.1-1.7)	0.1 (0.1-0.1)	1 (0.8-1.2)	0.1 (0.1-0.1)	1.1 (0.9-1.3)	0.1 (0.1-0.1)	0.8 (0.6-1.1)	54	19	58	18	63	20
Texas	0.1 (0.1-0.2)	1 (0.8-1.2)	0.1 (0.1-0.1)	0.8 (0.7-1)	0.1 (0.1-0.1)	0.7 (0.5-0.9)	0.1 (0.1-0.1)	0.6 (0.5-0.8)	0.1 (0.1-0.1)	0.6 (0.5-0.7)	0.1 (0.1-0.1)	0.5 (0.4-0.7)	56	25	59	24	64	27
Utah	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	77	54	77	48	81	57
Vermont	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0.1 (0-0.1)	85	58	87	60	87	68
Virginia	0.2 (0.1-0.2)	2.3 (1.8-2.8)	0.1 (0.1-0.1)	1.9 (1.5-2.4)	0.1 (0.1-0.1)	1.2 (1-1.6)	0.1 (0.1-0.1)	1.3 (1.1-1.6)	0.1 (0.1-0.1)	1.2 (1-1.6)	0.1 (0.1-0.1)	1 (0.8-1.3)	52	15	53	16	58	17
Washington	0 (0-0.1)	0.4 (0.3-0.5)	0 (0-0)	0.3 (0.3-0.4)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.3)	73	35	75	36	78	40
West Virginia	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.2 (0.2-0.4)	0.1 (0-0.1)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	70	45	73	48	77	56
Wisconsin	0.1 (0.1-0.1)	0.9 (0.7-1.1)	0.1 (0.1-0.1)	0.7 (0.5-0.9)	0.1 (0.1-0.1)	0.4 (0.3-0.6)	0.1 (0.1-0.1)	0.6 (0.4-0.7)	0.1 (0.1-0.1)	0.6 (0.4-0.7)	0.1 (0-0.1)	0.4 (0.3-0.5)	61	25	61	24	70	32
Wyoming	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	80	67	82	74	84	78

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
Southern Latin America	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	127	81	131	72	130	57
Argentina	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	93	130	83	129	74
Chile	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.3 (0.2-0.4)	132	63	132	43	132	33
Uruguay	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	108	88	119	81	102	67
Western Europe	0 (0-0)	2 (1.6-2.6)	0 (0-0)	2.1 (1.6-2.6)	0 (0-0)	1.9 (1.5-2.5)	0 (0-0)	1.8 (1.4-2.2)	0 (0-0)	2.4 (1.9-3.1)	0 (0-0)	2.8 (2.1-3.6)	80	14	74	11	72	10
Andorra	0.1 (0-0.2)	1.3 (0.9-1.7)	0.1 (0-0.1)	1.3 (0.9-1.8)	0 (0-0.1)	1.3 (0.9-1.7)	0.1 (0.1-0.3)	1.9 (1.2-2.7)	0.1 (0.1-0.2)	2.6 (1.8-3.7)	0.1 (0.1-0.3)	5.6 (3.3-8.4)	55	16	57	12	56	5
Austria	0 (0-0)	0.8 (0.7-1)	0 (0-0)	0.9 (0.7-1.2)	0 (0-0)	1.2 (1-1.6)	0 (0-0)	0.8 (0.6-1)	0 (0-0)	1 (0.8-1.3)	0 (0-0)	2.4 (1.8-3)	85	21	79	15	80	11
Belgium	0 (0-0)	1 (0.7-1.4)	0 (0-0)	1 (0.7-1.4)	0 (0-0)	0.9 (0.7-1.3)	0 (0-0)	0.8 (0.6-1.2)	0 (0-0)	1.1 (0.8-1.5)	0 (0-0)	1.4 (0.9-2.1)	74	23	72	17	72	17
Cyprus	0 (0-0.1)	3.9 (2.9-5.2)	0 (0-0)	4 (3-5.2)	0 (0-0)	4 (2.9-5.3)	0 (0-0)	3 (2.2-3.8)	0 (0-0)	5.4 (4-7.1)	0 (0-0)	8.2 (5.3-11.2)	77	10	77	5	77	4
Denmark	0 (0-0)	1.5 (1.1-2)	0 (0-0)	1.5 (1.1-2)	0 (0-0)	1.5 (1.1-2)	0 (0-0)	1.4 (1-1.8)	0 (0-0)	2 (1.5-2.6)	0 (0-0)	2 (1.4-2.7)	104	14	98	12	93	9
Finland	0 (0-0)	1.3 (1-1.7)	0 (0-0)	1.3 (1-1.7)	0 (0-0)	1.2 (0.9-1.6)	0 (0-0)	1.6 (1.1-2)	0 (0-0)	2.2 (1.6-2.9)	0 (0-0)	3 (2.1-4.1)	104	14	97	12	95	10
France	0.1 (0-0.1)	4.2 (3.2-5.4)	0.1 (0-0.1)	4.3 (3.3-5.5)	0.1 (0-0.1)	3.8 (2.9-4.8)	0.1 (0-0.1)	3.8 (3-4.9)	0.1 (0.1-0.1)	5 (3.9-6.3)	0.1 (0.1-0.1)	4.9 (3.6-6.3)	68	7	63	7	61	6
Germany	0 (0-0)	0.8 (0.6-1)	0 (0-0)	0.8 (0.6-1)	0 (0-0)	0.8 (0.6-1)	0 (0-0)	0.7 (0.6-0.9)	0 (0-0)	1 (0.7-1.2)	0 (0-0)	1.2 (0.9-1.5)	86	23	75	19	76	15
Greece	0 (0-0.1)	5.9 (4.1-8)	0 (0-0.1)	5.7 (4-7.7)	0.1 (0-0.1)	5.7 (4.1-7.8)	0 (0-0)	4.8 (3.3-6.6)	0.1 (0-0.1)	6.7 (4.8-9)	0.1 (0-0.1)	6.8 (4.7-9.7)	63	4	58	4	57	4
Iceland	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.7 (0.5-1.1)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1.4 (0.9-2.1)	0 (0-0)	1.2 (0.7-2)	82	21	77	18	78	16
Ireland	0 (0-0)	1.1 (0.8-1.6)	0 (0-0)	1.1 (0.8-1.6)	0 (0-0)	1.1 (0.8-1.6)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	1.3 (0.9-1.8)	0 (0-0)	2 (1.4-2.9)	82	21	70	15	66	14
Israel	0.1 (0-0.1)	3.6 (2.4-5)	0 (0-0.1)	3.2 (2.2-4.4)	0 (0-0)	2.6 (1.8-3.6)	0 (0-0)	2.6 (1.8-3.5)	0 (0-0.1)	3.5 (2.5-4.8)	0.1 (0-0.1)	6.7 (4.5-9.7)	71	9	67	8	66	5
Italy	0 (0-0)	0.9 (0.7-1.1)	0 (0-0)	1 (0.7-1.2)	0 (0-0)	0.9 (0.7-1.2)	0 (0-0)	0.8 (0.6-1)	0 (0-0)	1.2 (1-1.6)	0 (0-0)	1.8 (1.4-2.2)	83	21	75	12	81	11
Abruzzo	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.4 (0.2-0.5)	0 (0-0)	0.4 (0.2-0.5)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.4 (0.2-0.6)	0 (0-0)	0.6 (0.4-0.9)	89	36	75	35	85	26
Basilicata	0 (0-0)	0.2 (0.1-0.4)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.4 (0.2-0.6)	0 (0-0)	0.5 (0.3-0.8)	86	47	76	34	85	29
Calabria	0 (0-0)	0.9 (0.7-1.3)	0 (0-0)	1 (0.7-1.3)	0 (0-0)	1 (0.7-1.3)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	1 (0.7-1.3)	0 (0-0)	1.2 (0.9-1.5)	76	16	68	12	79	12
Campania	0 (0-0)	0.5 (0.4-0.6)	0 (0-0)	0.6 (0.5-0.8)	0 (0-0)	0.6 (0.5-0.8)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.7 (0.5-0.8)	0 (0-0)	1 (0.7-1.4)	84	27	77	20	84	14
Emilia-Romagna	0 (0-0)	2.1 (1.7-2.7)	0 (0-0)	2.4 (1.9-3)	0 (0-0)	2.3 (1.8-2.9)	0 (0-0)	2 (1.6-2.5)	0 (0-0)	3.2 (2.5-4.1)	0 (0-0)	4.8 (3.7-6.1)	84	11	74	8	81	7
Friuli-Venezia Giulia	0 (0-0)	1.4 (1.1-1.9)	0 (0-0)	1.5 (1.1-2)	0 (0-0)	1.5 (1.1-2)	0 (0-0)	1.9 (1.4-2.7)	0 (0-0)	2.3 (1.7-3)	0 (0-0)	3.3 (2.4-4.5)	90	13	80	12	82	9
Lazio	0 (0-0)	0.6 (0.4-0.7)	0 (0-0)	0.7 (0.5-0.8)	0 (0-0)	0.6 (0.5-0.8)	0 (0-0)	0.5 (0.4-0.6)	0 (0-0)	0.8 (0.6-1)	0 (0-0)	1.5 (1.1-2)	81	27	77	19	83	13
Liguria	0 (0-0)	1.6 (1.2-2.1)	0 (0-0)	1.8 (1.4-2.4)	0 (0-0)	1.8 (1.4-2.4)	0 (0-0)	1.5 (1.1-1.9)	0 (0-0)	2.5 (1.9-3.3)	0 (0-0)	3.5 (2.6-4.5)	80	11	72	10	79	9
Lombardia	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.6 (0.4-0.7)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.6 (0.4-0.7)	0 (0-0)	0.8 (0.7-1.1)	0 (0-0)	1.2 (0.9-1.5)	86	23	79	20	85	16
Marche	0 (0-0)	1.2 (0.9-1.6)	0 (0-0)	1.3 (1-1.7)	0 (0-0)	1.3 (1-1.7)	0 (0-0)	1.2 (0.9-1.5)	0 (0-0)	2 (1.5-2.5)	0 (0-0)	2.9 (2.1-3.7)	85	19	74	11	80	9
Molise	0 (0-0)	0.6 (0.3-1)	0 (0-0)	0.6 (0.3-0.9)	0 (0-0)	0.6 (0.3-0.9)	0 (0-0)	0.5 (0.3-0.9)	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	1 (0.6-1.7)	97	25	85	23	94	17

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
Piemonte	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.9 (0.7-1.2)	0 (0-0)	0.9 (0.7-1.2)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	1.4 (1.1-1.9)	0 (0-0)	2.1 (1.5-2.6)	92	22	80	12	89	11
Provincia autonoma di Bolzano	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.7 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.7 (0.4-1)	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	1.2 (0.7-1.7)	91	24	84	19	91	16
Provincia autonoma di Trento	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	1.2 (0.8-1.7)	86	24	80	20	84	19
Puglia	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.6 (0.4-0.7)	88	35	78	33	85	25
Sardegna	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.7 (0.4-1)	88	35	78	33	89	21
Sicilia	0.1 (0.1-0.1)	2 (1.6-2.6)	0.1 (0.1-0.1)	1.9 (1.5-2.4)	0 (0-0)	1.9 (1.5-2.3)	0 (0-0.1)	1.3 (1-1.7)	0.1 (0.1-0.1)	1.9 (1.5-2.3)	0 (0-0.1)	2.3 (1.8-3.2)	64	11	60	10	68	10
Toscana	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.9 (0.6-1.2)	0 (0-0)	1.6 (1.1-2.1)	87	23	78	18	88	11
Umbria	0 (0-0.1)	1 (0.7-1.3)	0 (0-0.1)	1.1 (0.8-1.5)	0 (0-0)	1.1 (0.8-1.4)	0 (0-0)	0.9 (0.7-1.3)	0.1 (0.1-0.1)	1.6 (1.1-2.2)	0 (0-0)	2.3 (1.5-3)	68	20	63	11	73	11
Valle d'Aosta	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.4 (0.2-0.7)	0 (0-0)	0.4 (0.2-0.7)	0 (0-0)	0.4 (0.2-0.7)	0 (0-0)	0.6 (0.3-1)	0 (0-0)	1.1 (0.5-1.8)	95	32	87	33	95	25
Veneto	0 (0-0)	1.1 (0.9-1.4)	0 (0-0)	1.2 (0.9-1.5)	0 (0-0)	1.2 (0.9-1.5)	0 (0-0)	1.3 (1.1-1.7)	0 (0-0)	1.8 (1.4-2.3)	0 (0-0)	2.6 (2-3.3)	86	13	76	12	85	10
Luxembourg	0 (0-0)	4.8 (3.5-6.5)	0 (0-0)	4.8 (3.5-6.4)	0 (0-0)	4.6 (3.3-6.2)	0 (0-0)	5.7 (4.1-7.3)	0 (0-0)	8 (5.3-10.6)	0 (0-0)	6.7 (4.3-9.8)	76	6	74	4	68	5
Malta	0 (0-0)	1.8 (1.3-2.3)	0 (0-0)	1.8 (1.3-2.3)	0 (0-0)	1.8 (1.3-2.3)	0 (0-0)	1.3 (1-1.7)	0 (0-0)	1.3 (0.9-1.8)	0 (0-0)	1.7 (1.1-2.4)	84	12	75	12	72	12
Monaco	0 (0-0.1)	1.1 (0.8-1.5)	0 (0-0)	1.1 (0.8-1.5)	0 (0-0)	1.1 (0.8-1.5)	0 (0-0.1)	1.2 (0.8-1.8)	0 (0-0.1)	1.8 (1.2-2.7)	0 (0-0.1)	3.5 (2.4-5)	67	16	67	16	70	7
Netherlands	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0.1)	0.2 (0.2-0.3)	70	45	67	40	69	33
Norway	0 (0-0)	1.3 (0.7-2.2)	0 (0-0)	1.3 (0.6-2.1)	0 (0-0)	1.3 (0.7-2.1)	0 (0-0)	1.4 (0.7-2.3)	0 (0-0)	2 (1-3.2)	0 (0-0)	3.5 (1.8-5.8)	101	13	99	11	100	9
Agder	0 (0-0)	1.5 (0.7-2.5)	0 (0-0)	1.4 (0.7-2.3)	0 (0-0)	1.4 (0.7-2.3)	0 (0-0)	1.4 (0.7-2.3)	0 (0-0)	1.9 (1-3.1)	0 (0-0)	3.2 (1.5-5.5)	107	15	109	11	110	9
Innlandet	0 (0-0)	1.4 (0.7-2.4)	0 (0-0)	1.4 (0.7-2.3)	0 (0-0)	1.4 (0.7-2.4)	0 (0-0)	1.5 (0.7-2.4)	0 (0-0)	2.1 (1.1-3.5)	0 (0-0)	3.6 (1.9-6.1)	106	14	107	11	109	8
Møre og Romsdal	0 (0-0)	1.5 (0.7-2.4)	0 (0-0)	1.4 (0.7-2.4)	0 (0-0)	1.4 (0.7-2.5)	0 (0-0)	1.6 (0.8-2.7)	0 (0-0)	2.3 (1.2-3.8)	0 (0-0)	3.5 (1.6-5.7)	103	14	103	10	104	9
Nordland	0 (0-0)	1.5 (0.7-2.4)	0 (0-0)	1.4 (0.7-2.4)	0 (0-0)	1.4 (0.7-2.4)	0 (0-0)	1.6 (0.8-2.7)	0 (0-0)	1.9 (1-3)	0 (0-0)	3 (1.6-4.8)	103	12	102	12	102	9
Oslo	0 (0-0)	1.3 (0.7-2.2)	0 (0-0)	1.3 (0.7-2.1)	0 (0-0)	1.4 (0.7-2.2)	0 (0-0)	1.1 (0.6-1.7)	0 (0-0)	2 (1-3.1)	0 (0-0)	4.1 (2-7.1)	108	16	107	11	107	7
Rogaland	0 (0-0)	1.2 (0.6-2)	0 (0-0)	1.2 (0.6-2)	0 (0-0)	1.2 (0.6-2)	0 (0-0)	1.3 (0.7-2.2)	0 (0-0)	1.9 (1-3.1)	0 (0-0)	3.5 (1.7-6)	91	14	91	11	87	8
Troms og Finnmark	0 (0-0)	1.5 (0.8-2.5)	0 (0-0)	1.5 (0.7-2.5)	0 (0-0)	1.5 (0.8-2.5)	0 (0-0)	1.5 (0.7-2.4)	0 (0-0)	2.1 (1.1-3.4)	0 (0-0)	3.4 (1.7-5.8)	101	15	99	11	99	9
Trøndelag	0 (0-0)	1.3 (0.6-2.2)	0 (0-0)	1.3 (0.6-2.1)	0 (0-0)	1.3 (0.6-2.1)	0 (0-0)	1.6 (0.8-2.7)	0 (0-0)	2.2 (1.1-3.6)	0 (0-0)	3.7 (1.8-6.5)	104	13	106	11	104	8
Vestfold og Telemark	0 (0-0)	1.4 (0.7-2.2)	0 (0-0)	1.4 (0.7-2.3)	0 (0-0)	1.3 (0.7-2.2)	0 (0-0)	1.4 (0.7-2.3)	0 (0-0)	2 (1-3.3)	0 (0-0)	3.5 (1.8-5.9)	89	14	89	10	90	9
Vestland	0 (0-0)	1.2 (0.6-2)	0 (0-0)	1.2 (0.6-2)	0 (0-0)	1.2 (0.6-2.1)	0 (0-0)	1.5 (0.8-2.5)	0 (0-0)	2 (1-3.2)	0 (0-0)	3.2 (1.6-5)	107	14	100	11	100	9
Viken	0 (0-0)	1.3 (0.6-2.2)	0 (0-0)	1.3 (0.6-2.1)	0 (0-0)	1.3 (0.6-2.2)	0 (0-0)	1.4 (0.7-2.3)	0 (0-0)	2.1 (1-3.4)	0 (0-0)	3.5 (1.7-6.1)	106	13	106	10	105	9
Portugal	0.1 (0.1-0.1)	7.2 (4.8-10.2)	0.1 (0-0.1)	6.6 (4.3-9.4)	0 (0-0.1)	6.6 (4.4-9.4)	0 (0-0.1)	4.7 (3.2-6.6)	0.1 (0.1-0.1)	8.8 (6.1-12.1)	0.1 (0.1-0.1)	10.2 (6.4-14.6)	76	6	69	3	68	3
San Marino	0.1 (0-0.2)	1.1 (0.8-1.5)	0 (0-0.1)	1.1 (0.8-1.5)	0 (0-0)	1.1 (0.8-1.5)	0.1 (0-0.2)	1.2 (0.8-1.8)	0.1 (0-0.2)	2.2 (1.6-3.2)	0.1 (0-0.2)	6.5 (4.1-9.9)	63	22	63	14	62	3
Spain	0 (0-0)	1.4 (1-1.9)	0 (0-0)	1.4 (1-1.9)	0 (0-0)	1.4 (1-1.9)	0 (0-0)	1.2 (0.9-1.6)	0 (0-0)	1.8 (1.3-2.4)	0 (0-0)	2.8 (2.1-3.9)	84	16	74	13	74	10

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
Sweden	0 (0-0)	0.8 (0.5-1.1)	0 (0-0)	0.8 (0.5-1.1)	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	2.1 (1.4-3.1)	90	16	95	14	81	13
Stockholm	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.6-1.2)	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1.5 (1-2.2)	0 (0-0)	2.4 (1.4-3.5)	89	17	92	13	82	12
Sweden except Stockholm	0 (0-0)	0.8 (0.5-1.1)	0 (0-0)	0.8 (0.5-1.1)	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	1.1 (0.7-1.5)	0 (0-0)	1.3 (0.8-1.8)	0 (0-0)	2.1 (1.4-3)	91	17	95	15	82	14
Switzerland	0 (0-0)	2.6 (2.1-3.2)	0 (0-0)	2.6 (2.1-3.3)	0 (0-0)	2.7 (2.1-3.4)	0 (0-0)	2.2 (1.7-2.7)	0 (0-0)	2.9 (2.3-3.7)	0 (0-0)	4 (3-5.1)	87	12	80	7	77	8
United Kingdom	0 (0-0)	1.8 (1.3-2.4)	0 (0-0)	1.9 (1.4-2.5)	0 (0-0)	1.9 (1.4-2.6)	0 (0-0)	1.5 (1.1-2)	0 (0-0)	1.9 (1.4-2.4)	0 (0-0)	2 (1.4-2.6)	76	13	71	10	70	11
England	0 (0-0)	1.9 (1.4-2.6)	0 (0-0)	2 (1.5-2.7)	0 (0-0)	2.1 (1.5-2.7)	0 (0-0)	1.6 (1.1-2.1)	0 (0-0)	2 (1.5-2.5)	0 (0-0)	2 (1.4-2.7)	77	13	71	10	69	11
East Midlands	0 (0-0)	1.4 (1-1.9)	0 (0-0)	1.4 (1-1.9)	0 (0-0)	1.5 (1-2)	0 (0-0)	1.2 (0.8-1.6)	0 (0-0)	1.4 (1-1.9)	0 (0-0)	1.5 (1.1-2)	90	14	84	13	80	12
Derby	0 (0-0)	1.5 (1-2.1)	0 (0-0)	1.5 (1-2.2)	0.1 (0-0.1)	1.6 (1-2.2)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1.2 (0.8-1.7)	0 (0-0)	1 (0.7-1.5)	79	14	77	12	68	14
Derbyshire	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.8 (0.5-1.3)	95	17	90	17	85	19
Leicester	0 (0-0)	2.1 (1.5-2.8)	0 (0-0)	2.1 (1.5-2.9)	0 (0-0)	2.1 (1.5-2.9)	0 (0-0)	1.2 (0.8-1.7)	0 (0-0)	1.4 (1-1.9)	0 (0-0)	1.4 (1-1.9)	77	13	75	11	72	14
Leicestershire	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.9 (0.6-1.4)	0 (0-0)	0.8 (0.4-1.2)	103	17	101	16	97	20
Lincolnshire	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	1 (0.6-1.5)	104	18	100	16	98	17
Northamptonshire	0 (0-0)	2.2 (1.5-3)	0 (0-0)	2.2 (1.6-3)	0 (0-0)	2.2 (1.6-3)	0 (0-0)	1.9 (1.3-2.5)	0 (0-0)	2.1 (1.5-2.9)	0 (0-0)	5 (3.5-7.1)	79	9	74	10	71	5
Nottingham	0 (0-0)	3.9 (2.7-5.4)	0 (0-0)	3.9 (2.7-5.4)	0 (0-0)	4 (2.8-5.7)	0 (0-0)	2.1 (1.4-2.8)	0 (0-0)	2.9 (2.1-3.9)	0 (0-0)	3 (2-4.2)	89	9	82	6	80	5
Nottinghamshire	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.8 (0.5-1.3)	95	17	92	17	89	19
Rutland	0 (0-0.1)	0.8 (0.5-1.3)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.9 (0.5-1.4)	0.1 (0-0.1)	1.1 (0.6-1.7)	0.1 (0.1-0.1)	1.5 (0.9-2.2)	0 (0-0.1)	2.4 (1.3-3.6)	68	19	67	15	65	11
East of England	0 (0-0)	1.5 (1-2.1)	0 (0-0)	1.5 (1.1-2.1)	0 (0-0)	1.4 (1-2)	0 (0-0)	1.5 (1-2.1)	0 (0-0)	1.7 (1.2-2.3)	0 (0-0)	1.6 (1.1-2.1)	84	13	77	10	74	12
Bedford	0 (0-0)	3.6 (2.4-5.2)	0 (0-0)	3.7 (2.5-5.3)	0 (0-0)	2.9 (2-4.1)	0 (0-0)	2.9 (1.8-4.1)	0 (0-0)	3.2 (2.1-4.5)	0 (0-0)	2.3 (1.4-3.1)	78	7	76	6	75	11
Cambridgeshire	0 (0-0)	1 (0.7-1.4)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1.1 (0.7-1.6)	0 (0-0)	1.2 (0.8-1.7)	0 (0-0)	1.3 (0.8-1.9)	95	17	91	16	86	14
Central Bedfordshire	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	1.1 (0.6-1.6)	0 (0-0)	0.8 (0.5-1.2)	87	18	78	17	75	22
Essex	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1.4 (0.9-1.9)	0 (0-0)	1.5 (1-2.1)	0 (0-0)	1.6 (1.1-2.2)	0 (0-0)	1.6 (1.1-2.4)	84	13	79	12	71	11
Hertfordshire	0 (0-0)	1.3 (0.9-1.8)	0 (0-0)	1.3 (0.9-1.8)	0 (0-0)	1.4 (0.9-1.9)	0 (0-0)	1.5 (1-2)	0 (0-0)	1.7 (1.2-2.3)	0 (0-0)	1.6 (1.1-2.3)	83	14	73	11	70	12
Luton	0.1 (0.1-0.1)	2.4 (1.6-3.4)	0.1 (0.1-0.1)	2.4 (1.6-3.4)	0.1 (0.1-0.1)	2.4 (1.6-3.4)	0 (0-0.1)	1.3 (0.8-1.8)	0.1 (0-0.1)	1.6 (1.1-2.3)	0.1 (0-0.1)	1.6 (1-2.2)	65	14	63	10	64	12
Norfolk	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1.2 (0.8-1.6)	0 (0-0)	1.2 (0.9-1.9)	104	17	99	15	97	14
Peterborough	0 (0-0)	1.3 (0.8-1.9)	0 (0-0)	1.2 (0.8-1.8)	0 (0-0)	1.3 (0.8-1.9)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.9 (0.6-1.4)	0 (0-0)	1.2 (0.8-1.8)	102	18	95	18	92	13
Southend-on-Sea	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1.1 (0.6-1.7)	84	18	79	18	77	18
Suffolk	0 (0-0)	2.5 (1.7-3.6)	0 (0-0)	2.5 (1.7-3.6)	0 (0-0)	1.9 (1.2-2.7)	0 (0-0)	2.9 (2-4.1)	0 (0-0)	3.1 (2-4.4)	0 (0-0)	2.3 (1.5-3.1)	84	7	76	7	76	9
Thurrock	0.1 (0.1-0.1)	2.9 (1.9-4.1)	0.1 (0.1-0.1)	2.9 (1.9-4.1)	0.1 (0.1-0.1)	3 (1.9-4.2)	0.1 (0.1-0.1)	2.7 (1.8-3.8)	0.1 (0.1-0.1)	3.2 (2.2-4.6)	0.1 (0.1-0.1)	2.6 (1.7-3.5)	65	8	64	9	60	9
Greater London	0.1 (0.1-0.1)	4.7 (3.4-6.2)	0.1 (0.1-0.1)	4.7 (3.4-6.2)	0.1 (0.1-0.1)	4.6 (3.4-6)	0.1 (0.1-0.1)	3.1 (2.3-4.2)	0.1 (0.1-0.1)	4.1 (3-5.4)	0.1 (0.1-0.1)	5.2 (3.9-6.8)	58	8	57	6	58	5

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
Barking and Dagenham	0.1 (0.1-0.1)	5.6 (4.1-7.4)	0.1 (0.1-0.1)	5.7 (4.1-7.5)	0.1 (0.1-0.1)	5.4 (3.9-7.3)	0.1 (0.1-0.1)	4.5 (3.2-6)	0.1 (0.1-0.1)	5.1 (3.7-6.7)	0.1 (0.1-0.1)	5.5 (3.9-7.3)	55	7	58	5	55	5
Barnet	0.1 (0-0.1)	3.5 (2.5-4.7)	0 (0-0.1)	3.5 (2.6-4.8)	0 (0-0)	3.5 (2.5-4.8)	0.1 (0-0.1)	3.3 (2.4-4.4)	0.1 (0.1-0.1)	4.1 (2.9-5.6)	0.1 (0.1-0.1)	4.7 (3.3-6.4)	58	7	57	6	55	5
Bexley	0.1 (0-0.1)	2.4 (1.6-3.4)	0 (0-0.1)	2.4 (1.6-3.4)	0.1 (0-0.1)	2.1 (1.4-2.9)	0.1 (0-0.1)	2.5 (1.7-3.5)	0.1 (0-0.1)	2.9 (1.9-4.1)	0.1 (0-0.1)	2.2 (1.4-3.1)	66	9	62	7	61	10
Brent	0.2 (0.1-0.2)	4.4 (3.2-5.8)	0.1 (0.1-0.1)	4.4 (3.2-5.9)	0.1 (0.1-0.1)	4.5 (3.2-6.1)	0.1 (0.1-0.1)	2.1 (1.5-2.9)	0.1 (0.1-0.1)	3 (2.2-4)	0.1 (0.1-0.1)	4.2 (3-5.8)	55	10	57	8	51	6
Bromley	0 (0-0)	1.7 (1.1-2.5)	0 (0-0)	1.7 (1.1-2.5)	0 (0-0)	1.8 (1.2-2.6)	0 (0-0)	1.9 (1.3-2.7)	0 (0-0)	2.5 (1.7-3.6)	0 (0-0)	2.5 (1.6-3.6)	72	11	68	8	68	8
Camden	0.1 (0.1-0.1)	4.2 (2.9-5.8)	0.1 (0.1-0.1)	4.2 (3-5.9)	0 (0-0.1)	3.4 (2.4-4.7)	0.1 (0-0.1)	2.9 (2.1-4)	0.1 (0.1-0.1)	4.3 (3-6)	0.1 (0.1-0.1)	4.7 (3.3-6.5)	68	8	65	5	62	5
Croydon	0.1 (0.1-0.1)	4.2 (3.1-5.7)	0.1 (0.1-0.1)	4.3 (3.1-5.8)	0.1 (0.1-0.1)	4.5 (3.2-6.1)	0.1 (0.1-0.1)	2.9 (2.2-4)	0.1 (0.1-0.1)	3.8 (2.8-5.1)	0.1 (0.1-0.1)	5 (3.5-6.8)	59	8	55	5	55	5
Ealing	0.1 (0.1-0.1)	2.8 (2-3.9)	0.1 (0.1-0.1)	2.9 (2-3.9)	0.1 (0.1-0.1)	2.6 (1.9-3.5)	0.1 (0.1-0.1)	2 (1.5-2.8)	0.1 (0.1-0.1)	2.7 (1.8-3.6)	0.1 (0.1-0.1)	3.3 (2.3-4.6)	59	10	57	8	52	7
Enfield	0.1 (0.1-0.1)	8.3 (6-11.3)	0.1 (0.1-0.1)	8.4 (6.1-11.4)	0.1 (0.1-0.1)	7.9 (5.7-10.7)	0.1 (0.1-0.1)	5.9 (4.1-7.8)	0.1 (0.1-0.1)	7.1 (5.2-9.6)	0.1 (0.1-0.1)	8.7 (6.3-11.6)	53	5	53	3	52	2
Greenwich	0.1 (0.1-0.1)	4.8 (3.5-6.5)	0.1 (0.1-0.1)	4.9 (3.5-6.6)	0.1 (0.1-0.1)	4.9 (3.5-6.4)	0.1 (0.1-0.1)	3.3 (2.4-4.5)	0.1 (0.1-0.1)	4 (2.9-5.4)	0.1 (0.1-0.1)	4.3 (3.1-5.7)	63	8	59	5	57	5
Hackney	0.3 (0.3-0.3)	13.3 (9.5-17.9)	0.2 (0.2-0.2)	13.5 (9.9-18.2)	0.1 (0.1-0.1)	12.8 (9.3-17.2)	0.1 (0.1-0.1)	6 (4.4-8)	0.1 (0.1-0.1)	8.7 (6.4-11.9)	0.1 (0.1-0.2)	21.7 (15.2-30.8)	45	5	49	2	48	2
Hammersmith and Fulham	0.1 (0.1-0.2)	4.1 (2.7-5.8)	0.1 (0.1-0.1)	4.2 (2.8-6)	0.1 (0.1-0.1)	3.6 (2.4-5.3)	0.1 (0.1-0.1)	2.6 (1.8-3.7)	0.1 (0.1-0.1)	3.9 (2.6-5.5)	0.1 (0.1-0.1)	4.2 (2.8-5.9)	55	9	59	6	51	6
Haringey	0.3 (0.2-0.3)	13.9 (10.2-19)	0.2 (0.1-0.2)	14 (9.9-18.7)	0.1 (0.1-0.1)	13.4 (9.9-18.2)	0.1 (0.1-0.1)	6.6 (4.5-9.3)	0.1 (0.1-0.1)	10 (6.9-13.4)	0.1 (0.1-0.1)	14.7 (10.3-20.5)	48	3	52	2	52	2
Harrow	0.1 (0-0.1)	1.1 (0.7-1.6)	0.1 (0-0.1)	1.1 (0.7-1.6)	0 (0-0.1)	1.1 (0.7-1.6)	0 (0-0)	0.7 (0.5-1.1)	0 (0-0)	0.8 (0.5-1.1)	0 (0-0.1)	1 (0.6-1.5)	65	21	63	21	61	18
Havering	0 (0-0)	1.4 (0.9-2)	0 (0-0)	1.4 (0.9-2)	0 (0-0)	1.4 (0.9-2.1)	0 (0-0)	1.4 (0.9-2.1)	0 (0-0)	1.6 (1-2.4)	0 (0-0)	2 (1.2-3)	82	12	78	13	75	11
Hillingdon	0 (0-0)	1.5 (1-2.2)	0 (0-0)	1.5 (1-2.2)	0 (0-0)	1.5 (1-2.3)	0 (0-0)	1.3 (0.8-2)	0 (0-0)	1.4 (1-2.2)	0 (0-0)	1.8 (1.1-2.7)	94	13	92	13	83	11
Hounslow	0 (0-0)	2.8 (1.9-4)	0 (0-0)	2.8 (1.9-4)	0 (0-0)	2.8 (1.9-3.9)	0 (0-0)	1.9 (1.3-2.8)	0 (0-0)	2.2 (1.4-3.2)	0 (0-0)	2.5 (1.7-3.6)	76	10	74	10	66	8
Islington	0.1 (0.1-0.1)	2.5 (1.7-3.5)	0.1 (0.1-0.1)	2.6 (1.7-3.6)	0 (0-0.1)	2.6 (1.7-3.7)	0.1 (0.1-0.1)	1.6 (1.1-2.2)	0.1 (0.1-0.1)	2.4 (1.6-3.4)	0.1 (0.1-0.1)	3.9 (2.5-5.3)	65	13	60	9	59	6
Kensington and Chelsea	0.1 (0.1-0.1)	1 (0.6-1.4)	0.1 (0-0.1)	1 (0.6-1.5)	0.1 (0.1-0.1)	1 (0.6-1.4)	0.1 (0.1-0.1)	0.8 (0.5-1.3)	0.1 (0.1-0.1)	1.1 (0.6-1.7)	0.1 (0.1-0.1)	1.3 (0.8-2)	67	24	62	20	60	16
Kingston upon Thames	0 (0-0)	1.6 (1.1-2.2)	0 (0-0)	1.6 (1.1-2.2)	0 (0-0)	1.6 (1.1-2.2)	0 (0-0)	1.8 (1.2-2.8)	0 (0-0)	2 (1.3-2.8)	0 (0-0)	1.9 (1.4-2.6)	93	12	90	12	83	12
Lambeth	0.2 (0.2-0.3)	9.9 (7.3-13.2)	0.2 (0.1-0.2)	10 (7.3-13.2)	0.1 (0.1-0.1)	9.2 (6.8-12.4)	0.1 (0.1-0.1)	4.8 (3.5-6.5)	0.1 (0.1-0.1)	6.7 (4.8-8.8)	0.1 (0.1-0.1)	9.4 (6.7-12.4)	47	7	51	3	51	2
Lewisham	0.2 (0.1-0.2)	7 (5.2-9.3)	0.1 (0.1-0.1)	7.1 (5.1-9.4)	0.1 (0.1-0.1)	6.8 (4.9-9.2)	0.1 (0.1-0.1)	4 (2.9-5.4)	0.1 (0.1-0.1)	5.6 (4-7.1)	0.1 (0.1-0.1)	6.5 (4.8-8.7)	53	7	52	5	52	3
Merton	0 (0-0)	3.2 (2.2-4.5)	0 (0-0)	3.2 (2.2-4.6)	0 (0-0)	3.3 (2.2-4.6)	0 (0-0)	2.9 (2-4)	0 (0-0)	3.1 (2.2-4.5)	0 (0-0)	4.3 (3-6)	74	8	67	8	66	6
Newham	0.3 (0.3-0.3)	6.4 (4.7-8.6)	0.2 (0.2-0.2)	6.5 (4.9-8.5)	0.2 (0.1-0.2)	6.7 (4.9-8.8)	0.1 (0.1-0.1)	3.1 (2.3-4.1)	0.1 (0.1-0.1)	4 (3-5.3)	0.1 (0.1-0.2)	6.4 (4.8-8.4)	48	9	50	6	49	3
Redbridge	0.1 (0.1-0.1)	2.2 (1.5-3.2)	0.1 (0-0.1)	2.3 (1.5-3.2)	0 (0-0.1)	2.3 (1.6-3.2)	0 (0-0.1)	1.8 (1.1-2.4)	0.1 (0-0.1)	2.2 (1.5-3.1)	0.1 (0-0.1)	2.9 (1.9-4)	66	12	64	10	62	7
Richmond upon Thames	0 (0-0)	1.5 (1-2.2)	0 (0-0)	1.5 (1-2.2)	0 (0-0)	1.6 (1-2.3)	0 (0-0)	1.7 (1.1-2.5)	0 (0-0)	2.2 (1.4-3.2)	0 (0-0)	2.5 (1.6-3.8)	93	13	87	10	85	8
Southwark	0.3 (0.2-0.3)	9.1 (6.5-12.4)	0.2 (0.1-0.2)	9.2 (6.6-12.3)	0.1 (0.1-0.1)	9.4 (6.8-12.9)	0.1 (0.1-0.1)	4.2 (3-5.7)	0.1 (0.1-0.1)	6.4 (4.7-8.4)	0.1 (0.1-0.1)	11.2 (7.9-15.5)	45	7	50	3	48	2
Sutton	0 (0-0)	1.3 (0.8-1.8)	0 (0-0)	1.3 (0.9-1.8)	0 (0-0)	1.3 (0.9-1.8)	0 (0-0)	1.3 (0.8-1.9)	0 (0-0)	1.4 (1-2)	0 (0-0)	1.4 (1-2)	81	15	78	14	73	14
Tower Hamlets	0.1 (0.1-0.1)	3.1 (2.2-4.2)	0.1 (0.1-0.1)	3.1 (2.2-4.3)	0 (0-0.1)	2.6 (1.9-3.6)	0 (0-0.1)	1.8 (1.2-2.4)	0.1 (0-0.1)	2.4 (1.7-3.3)	0.1 (0-0.1)	2.8 (2-3.9)	72	12	65	9	63	6

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
Waltham Forest	0.2 (0.2-0.2)	5.9 (4.2-7.9)	0.1 (0.1-0.2)	6 (4.3-8.1)	0.1 (0.1-0.1)	5.8 (4.2-8.1)	0.1 (0.1-0.1)	3.2 (2.3-4.4)	0.1 (0.1-0.1)	4.3 (3.1-5.9)	0.1 (0.1-0.1)	6.1 (4.3-8.4)	46	8	52	5	51	5
Wandsworth	0.1 (0.1-0.1)	2.7 (1.9-3.7)	0.1 (0.1-0.1)	2.7 (1.9-3.7)	0.1 (0-0.1)	2.8 (1.9-3.8)	0.1 (0.1-0.1)	1.8 (1.3-2.4)	0.1 (0.1-0.1)	2.6 (1.9-3.6)	0.1 (0.1-0.1)	4.2 (2.9-5.7)	57	11	55	7	53	5
Westminster	0.1 (0.1-0.1)	2.2 (1.5-3.2)	0.1 (0.1-0.1)	2.2 (1.5-3.2)	0.1 (0-0.1)	1.8 (1.2-2.6)	0.1 (0.1-0.1)	1.3 (0.8-1.9)	0.1 (0.1-0.1)	2.4 (1.5-3.4)	0.1 (0.1-0.1)	2.7 (1.8-4)	65	15	61	10	57	9
North East England	0 (0-0)	1.3 (0.9-1.8)	0 (0-0)	1.3 (0.9-1.8)	0 (0-0)	1.3 (0.9-1.8)	0 (0-0)	1.1 (0.7-1.5)	0 (0-0)	1.4 (1-2)	0 (0-0)	1.5 (1-2.1)	107	15	104	13	101	14
County Durham	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.9 (0.6-1.4)	0 (0-0)	0.9 (0.5-1.4)	103	19	103	16	101	19
Darlington	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	0.8 (0.4-1.3)	0 (0-0)	1 (0.6-1.6)	0 (0-0)	1 (0.6-1.5)	103	21	101	16	96	16
Gateshead	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1.1 (0.7-1.6)	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1.4 (0.9-2.1)	104	14	104	14	96	13
Hartlepool	0 (0-0)	1 (0.6-1.6)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1 (0.6-1.6)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	1.1 (0.6-1.6)	0 (0-0)	1.3 (0.8-1.9)	104	18	102	19	98	17
Middlesbrough	0 (0-0)	2.5 (1.7-3.6)	0 (0-0)	2.6 (1.7-3.6)	0 (0-0)	2.6 (1.8-3.8)	0 (0-0)	1.7 (1.1-2.4)	0 (0-0)	2.3 (1.5-3.1)	0 (0-0)	2.4 (1.5-3.3)	99	12	97	10	95	11
Newcastle upon Tyne	0 (0-0)	2.3 (1.5-3.2)	0 (0-0)	2.3 (1.5-3.2)	0 (0-0)	2.4 (1.5-3.3)	0 (0-0)	1.9 (1.2-2.8)	0 (0-0)	2.5 (1.6-3.6)	0 (0-0)	2.5 (1.6-3.5)	103	12	98	9	101	10
North Tyneside	0 (0-0)	1.9 (1.3-2.8)	0 (0-0)	1.9 (1.3-2.7)	0 (0-0)	2 (1.3-2.9)	0 (0-0)	1.8 (1.1-2.5)	0 (0-0)	2.5 (1.6-3.5)	0 (0-0)	2.6 (1.7-3.6)	98	10	97	9	99	9
Northumberland	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.4-1.2)	0 (0-0)	1 (0.6-1.6)	0 (0-0)	1 (0.6-1.6)	109	17	104	16	104	18
Redcar and Cleveland	0 (0-0)	0.9 (0.6-1.4)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	1.1 (0.6-1.6)	0 (0-0)	1.2 (0.7-1.9)	101	18	97	17	94	16
South Tyneside	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	1.2 (0.6-1.7)	0 (0-0)	1 (0.6-1.5)	101	18	101	16	100	17
Stockton-on-Tees	0 (0-0)	1.2 (0.8-1.8)	0 (0-0)	1.2 (0.8-1.8)	0 (0-0)	1.2 (0.8-1.7)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1.2 (0.8-1.7)	104	15	103	14	100	14
Sunderland	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1.1 (0.6-1.6)	0 (0-0)	1.1 (0.6-1.6)	103	18	101	17	100	16
North West England	0 (0-0)	1.7 (1.2-2.2)	0 (0-0)	1.8 (1.3-2.4)	0 (0-0)	1.9 (1.4-2.5)	0 (0-0)	1.3 (0.9-1.7)	0 (0-0)	1.6 (1.1-2.1)	0 (0-0)	1.5 (1.1-2)	88	13	78	11	73	12
Blackburn with Darwen	0.1 (0.1-0.1)	2.2 (1.5-3.1)	0.1 (0.1-0.1)	2.2 (1.5-3.1)	0.1 (0.1-0.1)	2.2 (1.5-3.2)	0 (0-0)	1.1 (0.8-1.6)	0 (0-0.1)	1.4 (0.9-1.9)	0 (0-0.1)	1.4 (1-2)	73	16	67	12	67	13
Blackpool	0 (0-0)	2 (1.4-2.8)	0 (0-0)	2.1 (1.4-2.9)	0 (0-0)	2.1 (1.4-3)	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1.4 (0.9-2)	0 (0-0)	1.3 (0.9-1.8)	88	14	80	13	77	14
Bolton	0 (0-0)	2.4 (1.6-3.4)	0 (0-0)	2.5 (1.7-3.5)	0 (0-0)	2.5 (1.7-3.6)	0 (0-0)	1.7 (1.2-2.4)	0 (0-0)	2 (1.4-2.7)	0 (0-0)	1.8 (1.2-2.5)	100	12	94	11	91	11
Bury	0 (0-0)	1.3 (0.8-1.9)	0 (0-0)	1.3 (0.8-1.9)	0.1 (0-0.1)	1.3 (0.9-2)	0 (0-0)	1.2 (0.8-1.7)	0 (0-0)	1.4 (0.9-1.9)	0 (0-0)	1 (0.7-1.5)	77	14	68	13	68	19
Cheshire East	0 (0-0)	0.9 (0.6-1.4)	0 (0-0)	0.9 (0.6-1.4)	0 (0-0)	0.9 (0.6-1.4)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1.1 (0.7-1.6)	0 (0-0)	1 (0.6-1.5)	96	16	91	16	86	18
Cheshire West and Chester	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.4)	102	18	97	21	95	20
Cumbria	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1.2 (0.8-1.8)	0 (0-0)	1.1 (0.8-1.7)	106	16	103	15	96	16
Halton	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1 (0.6-1.4)	0 (0-0)	1 (0.6-1.5)	104	22	98	20	98	20
Knowsley	0 (0-0)	1 (0.6-1.4)	0 (0-0)	1 (0.6-1.4)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	0.8 (0.5-1.1)	0 (0-0)	1 (0.6-1.6)	0 (0-0)	0.8 (0.5-1.3)	100	20	98	20	94	22
Lancashire	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1 (0.6-1.4)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.4)	96	18	89	18	83	20
Liverpool	0 (0-0)	2.5 (1.7-3.4)	0 (0-0)	2.5 (1.7-3.5)	0 (0-0)	2.6 (1.8-3.5)	0 (0-0)	1.8 (1.2-2.4)	0 (0-0)	2 (1.4-2.7)	0 (0-0)	1.8 (1.2-2.5)	73	11	67	10	68	12
Manchester	0.1 (0.1-0.1)	5.2 (3.8-7.1)	0.1 (0.1-0.1)	5.3 (3.8-7.1)	0.1 (0.1-0.1)	5.4 (4-7.3)	0 (0-0.1)	2.6 (1.9-3.6)	0.1 (0-0.1)	3.6 (2.7-4.9)	0 (0-0.1)	3.6 (2.6-5.1)	66	8	64	6	62	6

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
Oldham	0 (0-0)	1.2 (0.8-1.8)	0 (0-0.1)	1.2 (0.8-1.8)	0.1 (0-0.1)	1.2 (0.8-1.8)	0 (0-0)	0.7 (0.5-1.1)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.7 (0.4-1)	74	19	68	18	70	22
Rochdale	0 (0-0)	1 (0.6-1.6)	0 (0-0)	1 (0.6-1.6)	0 (0-0)	1 (0.6-1.6)	0 (0-0)	0.7 (0.4-1)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.7 (0.4-1.1)	101	20	98	18	93	23
Salford	0 (0-0)	4.2 (3-5.6)	0 (0-0)	4.2 (3-5.6)	0 (0-0.1)	4.3 (3-5.9)	0 (0-0)	2.9 (2-4)	0 (0-0)	3.4 (2.5-4.6)	0 (0-0)	3 (2.1-4.1)	85	8	76	8	69	7
Sefton	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.9 (0.6-1.4)	0 (0-0)	0.8 (0.5-1.2)	85	18	83	18	77	22
St Helens	0 (0-0)	0.9 (0.6-1.4)	0 (0-0)	1 (0.6-1.4)	0 (0-0)	0.9 (0.6-1.4)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1 (0.6-1.5)	99	20	97	19	93	19
Stockport	0 (0-0)	1.2 (0.8-1.8)	0 (0-0)	1.2 (0.8-1.8)	0 (0-0)	1.2 (0.8-1.8)	0 (0-0)	1.1 (0.8-1.7)	0 (0-0)	1.3 (0.8-1.9)	0 (0-0)	1.1 (0.7-1.6)	88	13	83	13	76	17
Tameside	0 (0-0)	2.6 (1.8-3.7)	0 (0-0)	2.7 (1.8-3.7)	0 (0-0)	2.7 (1.9-3.9)	0 (0-0)	2.2 (1.5-3.1)	0 (0-0)	2.6 (1.7-3.7)	0 (0-0)	2.7 (1.8-3.7)	99	8	99	8	95	9
Trafford	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	1.1 (0.7-1.7)	0 (0-0)	1.1 (0.7-1.7)	86	19	81	15	77	15
Warrington	0 (0-0)	0.9 (0.6-1.4)	0 (0-0)	0.9 (0.6-1.4)	0 (0-0)	0.9 (0.6-1.4)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	1 (0.6-1.4)	0 (0-0)	1 (0.6-1.5)	86	17	77	16	75	18
Wigan	0 (0-0)	1.4 (0.9-1.9)	0 (0-0)	1.4 (0.9-2)	0 (0-0)	1.4 (0.9-2)	0 (0-0)	1.1 (0.8-1.6)	0 (0-0)	1.5 (1-2.1)	0 (0-0)	1.3 (0.8-1.8)	99	15	96	14	91	16
Wirral	0 (0-0)	1.1 (0.7-1.6)	0 (0-0)	1.1 (0.7-1.6)	0 (0-0)	1.1 (0.7-1.6)	0 (0-0)	0.9 (0.6-1.4)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	0.9 (0.6-1.4)	82	17	74	16	70	20
South East England	0 (0-0)	1.2 (0.9-1.7)	0 (0-0)	1.3 (0.9-1.7)	0 (0-0)	1.3 (0.9-1.8)	0 (0-0)	1.3 (0.9-1.8)	0 (0-0)	1.6 (1.1-2)	0 (0-0)	1.5 (1-2)	86	14	79	12	79	12
Bracknell Forest	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1.2 (0.7-1.9)	0 (0-0)	1.8 (1-2.8)	76	19	74	17	74	12
Brighton and Hove	0 (0-0)	1.2 (0.8-1.7)	0 (0-0)	1.2 (0.8-1.8)	0 (0-0)	1.2 (0.8-1.8)	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	1.1 (0.8-1.6)	0 (0-0)	1.7 (1.1-2.5)	90	18	86	15	79	11
Buckinghamshire	0 (0-0)	1.5 (1-2.1)	0 (0-0)	1.5 (1-2.1)	0 (0-0)	1.5 (1-2.2)	0 (0-0)	1.5 (1-2.2)	0 (0-0)	1.7 (1.1-2.3)	0 (0-0)	1.4 (0.9-2)	94	13	90	10	84	13
East Sussex	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	1 (0.6-1.4)	0 (0-0)	1 (0.6-1.6)	91	18	82	17	78	17
Hampshire	0 (0-0)	1.1 (0.7-1.6)	0 (0-0)	1.1 (0.7-1.5)	0 (0-0)	1.1 (0.7-1.5)	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1.5 (1-2.1)	0 (0-0)	1.1 (0.8-1.7)	98	14	95	13	88	14
Isle of Wight	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	1.1 (0.6-1.6)	0 (0-0)	1.4 (0.8-2.1)	0 (0-0)	1.4 (0.9-2.3)	102	17	104	15	97	12
Kent	0 (0-0)	1.4 (1-2)	0 (0-0)	1.4 (1-1.9)	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1.6 (1-2.2)	0 (0-0)	1.8 (1.2-2.5)	0 (0-0)	1.4 (1-2)	86	13	80	11	77	13
Medway	0 (0-0)	1.5 (1-2)	0 (0-0)	1.5 (1-2.1)	0 (0-0)	1.5 (1-2.1)	0 (0-0)	1.3 (0.9-1.7)	0 (0-0)	1.7 (1.1-2.3)	0 (0-0)	1.7 (1.1-2.4)	91	15	82	13	77	14
Milton Keynes	0 (0-0)	3.6 (2.6-4.8)	0 (0-0)	3.6 (2.6-4.9)	0 (0-0)	3.6 (2.6-4.9)	0 (0-0)	2.5 (1.9-3.5)	0 (0-0)	3.2 (2.3-4.5)	0 (0-0)	3.6 (2.4-4.8)	80	8	76	7	75	6
Oxfordshire	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1.4 (0.9-1.9)	0 (0-0)	1.4 (0.9-1.9)	0 (0-0)	1.4 (1-2.1)	0 (0-0)	1.6 (1.1-2.2)	0 (0-0)	1.9 (1.3-2.7)	80	14	78	12	76	12
Portsmouth	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1.2 (0.7-1.8)	0 (0-0)	1.4 (0.8-2.1)	103	19	97	14	91	14
Reading	0.1 (0-0.1)	0.9 (0.6-1.4)	0 (0-0.1)	0.9 (0.6-1.4)	0 (0-0.1)	1 (0.6-1.5)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.9 (0.5-1.4)	74	25	71	19	72	18
Slough	0.1 (0.1-0.1)	2.8 (1.8-4)	0.1 (0.1-0.1)	2.8 (1.8-4)	0.1 (0.1-0.1)	2.9 (1.9-4.1)	0.1 (0.1-0.1)	1.9 (1.2-2.8)	0.1 (0.1-0.1)	2.2 (1.5-3.2)	0.1 (0.1-0.1)	2 (1.4-2.9)	64	11	61	10	61	10
Southampton	0 (0-0)	1.6 (1-2.3)	0 (0-0)	1.6 (1.1-2.3)	0 (0-0)	1.7 (1.1-2.4)	0 (0-0)	1.3 (0.8-1.9)	0 (0-0)	1.6 (1.1-2.3)	0 (0-0)	1.8 (1.1-2.6)	88	14	82	10	78	12
Surrey	0 (0-0)	1 (0.7-1.4)	0 (0-0)	1 (0.7-1.4)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1.3 (0.8-1.8)	0 (0-0)	1.5 (1-2.1)	0 (0-0)	1.4 (0.9-2)	91	14	83	11	78	14
West Berkshire	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	1.1 (0.7-1.7)	0 (0-0)	1.1 (0.6-1.6)	102	18	102	15	98	18
West Sussex	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	1 (0.7-1.6)	0 (0-0)	1.1 (0.7-1.6)	0 (0-0)	1 (0.7-1.5)	77	17	74	16	71	17

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
Windsor and Maidenhead	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	1.2 (0.7-1.9)	0 (0-0)	1.2 (0.7-1.8)	78	21	75	16	72	17
Wokingham	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1.1 (0.6-1.7)	0 (0-0)	1 (0.6-1.5)	81	16	77	16	73	17
South West England	0 (0-0)	1.1 (0.7-1.5)	0 (0-0)	1.1 (0.8-1.5)	0 (0-0)	1.1 (0.8-1.5)	0 (0-0)	1.1 (0.7-1.5)	0 (0-0)	1.3 (0.9-1.8)	0 (0-0)	1.5 (1-2)	93	17	90	13	88	12
Bath and North East Somerset	0 (0-0)	1.5 (1-2.2)	0 (0-0)	1.5 (1-2.2)	0 (0-0)	1.6 (1-2.3)	0 (0-0)	1.8 (1.1-2.5)	0 (0-0)	2.6 (1.6-3.6)	0 (0-0)	2.4 (1.5-3.3)	84	12	80	10	77	12
Bournemouth	0 (0-0)	2 (1.4-2.8)	0 (0-0)	1.9 (1.3-2.7)	0 (0-0)	1.5 (1.1-2.2)	0 (0-0)	1.8 (1.2-2.5)	0 (0-0)	2.3 (1.5-3.2)	0 (0-0)	5.7 (3.5-8.3)	102	11	98	10	92	5
Bristol, City of	0 (0-0)	2.8 (2-3.9)	0 (0-0)	2.8 (2-3.8)	0 (0-0)	2.6 (1.9-3.6)	0 (0-0)	2.3 (1.6-3)	0 (0-0)	3.1 (2.2-4.2)	0 (0-0)	3.6 (2.4-4.7)	78	8	70	7	68	7
Cornwall	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.4)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.9 (0.6-1.4)	106	17	106	18	103	17
Devon	0 (0-0)	0.8 (0.4-1.2)	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	1 (0.6-1.4)	93	17	88	16	88	16
Dorset	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1.2 (0.8-1.9)	104	18	103	16	99	13
Gloucestershire	0 (0-0)	1 (0.6-1.4)	0 (0-0)	1 (0.6-1.4)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1 (0.7-1.4)	0 (0-0)	1.2 (0.8-1.7)	0 (0-0)	1.2 (0.8-1.7)	81	17	75	14	75	15
North Somerset	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	1 (0.6-1.6)	0 (0-0)	1.2 (0.7-1.9)	102	19	97	18	93	15
Plymouth	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	1.2 (0.7-1.7)	103	20	98	20	96	15
Poole	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	1.1 (0.7-1.7)	0 (0-0)	3.4 (1.8-5)	79	21	75	18	77	9
Somerset	0 (0-0)	0.8 (0.4-1.2)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.6-1.4)	93	17	89	16	88	18
South Gloucestershire	0 (0-0)	1.2 (0.8-1.8)	0 (0-0)	1.2 (0.8-1.8)	0 (0-0)	1.3 (0.8-1.9)	0 (0-0)	1.4 (0.9-1.9)	0 (0-0)	1.9 (1.3-2.7)	0 (0-0)	1.7 (1.1-2.4)	101	13	94	11	92	12
Swindon	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.8 (0.5-1.1)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1.3 (0.7-1.9)	106	18	104	17	97	14
Torbay	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	1.4 (0.8-2)	103	20	102	20	99	15
Wiltshire	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	1 (0.6-1.4)	0 (0-0)	0.8 (0.5-1.3)	108	18	103	18	99	21
West Midlands	0 (0-0)	1.7 (1.2-2.3)	0 (0-0)	1.8 (1.3-2.4)	0 (0-0)	1.8 (1.3-2.4)	0 (0-0)	1.2 (0.9-1.6)	0 (0-0)	1.4 (1-1.8)	0 (0-0)	1.2 (0.9-1.7)	75	14	69	11	68	14
Birmingham	0.1 (0.1-0.1)	3.1 (2.3-4)	0.1 (0.1-0.1)	3.1 (2.3-4.1)	0.1 (0.1-0.1)	3.3 (2.4-4.4)	0 (0-0.1)	1.5 (1.1-2)	0 (0-0.1)	1.8 (1.3-2.4)	0 (0-0)	1.8 (1.3-2.4)	66	13	62	11	57	10
Coventry	0 (0-0)	2.4 (1.6-3.4)	0 (0-0)	2.4 (1.6-3.4)	0 (0-0)	2.5 (1.6-3.6)	0 (0-0)	1.5 (1.1-2.2)	0 (0-0)	2 (1.4-2.9)	0 (0-0)	2.1 (1.3-3)	73	13	72	10	71	10
Dudley	0 (0-0)	1.8 (1.2-2.4)	0 (0-0)	1.8 (1.2-2.4)	0 (0-0)	1.5 (1.1-2.1)	0 (0-0)	1.4 (1-1.9)	0 (0-0)	1.7 (1.2-2.2)	0 (0-0)	1.4 (0.9-1.9)	82	14	72	11	72	14
Herefordshire, County of	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	1.1 (0.6-1.8)	0 (0-0)	1.1 (0.7-1.7)	0 (0-0)	0.9 (0.5-1.4)	102	16	97	15	95	22
Sandwell	0.1 (0.1-0.1)	3.1 (2.1-4.2)	0.1 (0.1-0.1)	3.1 (2.1-4.3)	0.1 (0.1-0.1)	2.7 (1.8-3.7)	0 (0-0.1)	1.8 (1.2-2.4)	0 (0-0)	1.9 (1.3-2.6)	0 (0-0.1)	1.6 (1.1-2.3)	64	11	63	11	58	12
Shropshire	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	1.1 (0.7-1.7)	0 (0-0)	0.9 (0.6-1.5)	104	20	98	14	96	19
Solihull	0 (0-0)	1.2 (0.8-1.7)	0 (0-0)	1.2 (0.8-1.7)	0 (0-0)	1.2 (0.8-1.7)	0 (0-0)	1.2 (0.8-1.8)	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1 (0.6-1.5)	86	14	79	14	79	17
Staffordshire	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.6 (0.4-1)	85	17	78	18	75	23
Stoke-on-Trent	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1 (0.6-1.6)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.5 (0.3-0.7)	104	21	102	23	102	26
Telford and Wrekin	0 (0-0)	2.9 (2-4)	0 (0-0)	2.9 (2-4.1)	0 (0-0)	3 (2-4.2)	0 (0-0)	2.2 (1.5-3)	0 (0-0)	2.5 (1.8-3.5)	0 (0-0)	2.5 (1.7-3.6)	97	9	94	9	91	8

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
Walsall	0 (0-0)	1 (0.6-1.6)	0 (0-0.1)	1 (0.6-1.6)	0 (0-0)	1 (0.6-1.6)	0 (0-0)	0.7 (0.4-1)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-1)	81	20	73	24	74	25
Warwickshire	0 (0-0)	0.8 (0.4-1.2)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.4-1.3)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.7 (0.4-1)	93	18	89	18	82	23
Wolverhampton	0.1 (0.1-0.1)	1.4 (1-2)	0.1 (0.1-0.1)	1.4 (1-2)	0.1 (0.1-0.1)	1.4 (1-2)	0.1 (0-0.1)	0.8 (0.6-1.1)	0.1 (0.1-0.1)	1 (0.7-1.4)	0.1 (0-0.1)	1 (0.7-1.5)	63	16	58	16	58	17
Worcestershire	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.7 (0.5-1.2)	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	0.7 (0.5-1.2)	96	20	87	19	84	22
Yorkshire and the Humber	0 (0-0)	1.2 (0.8-1.7)	0 (0-0)	1.2 (0.8-1.7)	0 (0-0)	1.2 (0.8-1.7)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	1 (0.7-1.4)	0 (0-0)	1.1 (0.8-1.6)	90	17	81	16	77	17
Bamsley	0 (0-0)	0.9 (0.6-1.4)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.6-1.4)	0 (0-0)	0.7 (0.5-1.1)	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	0.9 (0.5-1.3)	102	20	97	19	95	20
Bradford	0 (0-0)	1.6 (1.1-2.2)	0 (0-0)	1.6 (1.1-2.3)	0 (0-0)	1.6 (1.1-2.3)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.9 (0.6-1.2)	0 (0-0)	1 (0.7-1.5)	84	20	75	16	71	18
Calderdale	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1 (0.6-1.6)	0 (0-0)	1 (0.6-1.6)	0 (0-0)	0.6 (0.4-1)	0 (0-0)	0.8 (0.4-1.1)	0 (0-0)	1 (0.6-1.5)	101	21	97	19	93	17
Doncaster	0 (0-0)	1 (0.6-1.4)	0 (0-0)	1 (0.6-1.4)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.1)	103	20	100	20	98	21
East Riding of Yorkshire	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	1.1 (0.6-1.6)	0 (0-0)	1.1 (0.6-1.7)	107	19	107	17	102	18
Kingston upon Hull, City of	0 (0-0)	1.9 (1.2-2.7)	0 (0-0)	1.9 (1.2-2.7)	0 (0-0)	2 (1.3-2.9)	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1.6 (1.1-2.4)	0 (0-0)	1.8 (1.1-2.6)	86	15	77	12	76	12
Kirklees	0 (0-0)	1 (0.6-1.6)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	0.6 (0.4-1)	0 (0-0)	0.7 (0.5-1.1)	0 (0-0)	0.8 (0.5-1.1)	84	20	73	20	71	20
Leeds	0 (0-0)	1.8 (1.2-2.4)	0 (0-0)	1.8 (1.2-2.4)	0 (0-0)	1.8 (1.3-2.4)	0 (0-0)	1.3 (0.9-1.7)	0 (0-0)	1.6 (1.2-2.2)	0 (0-0)	1.7 (1.2-2.5)	78	13	69	11	69	11
North East Lincolnshire	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	1 (0.6-1.5)	100	19	96	19	95	19
North Lincolnshire	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1.2 (0.7-1.9)	105	21	102	17	97	16
North Yorkshire	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	1 (0.6-1.6)	0 (0-0)	1.1 (0.7-1.8)	94	18	86	16	85	15
Rotherham	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.6-1.4)	0 (0-0)	0.9 (0.6-1.4)	0 (0-0)	0.7 (0.4-1)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	1 (0.6-1.4)	88	21	80	19	80	18
Sheffield	0 (0-0)	1.2 (0.8-1.8)	0 (0-0)	1.2 (0.8-1.8)	0 (0-0)	1.2 (0.8-1.8)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	1.1 (0.8-1.6)	0 (0-0)	1.4 (0.9-2)	77	17	68	16	69	16
Wakefield	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.7 (0.4-1)	0 (0-0)	0.8 (0.5-1.2)	0 (0-0)	0.8 (0.5-1.3)	90	19	83	20	79	22
York	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.9 (0.5-1.4)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1 (0.6-1.5)	0 (0-0)	1.3 (0.8-2.1)	105	22	99	17	97	15
Northern Ireland	0 (0-0)	1.2 (0.9-1.7)	0 (0-0)	1.2 (0.9-1.7)	0 (0-0)	1.2 (0.9-1.7)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1.1 (0.8-1.5)	0 (0-0)	1.9 (1.3-2.6)	71	14	65	14	63	10
Scotland	0 (0-0)	1.2 (0.9-1.6)	0 (0-0)	1.2 (0.9-1.7)	0 (0-0)	1.2 (0.9-1.6)	0 (0-0)	1 (0.7-1.4)	0 (0-0)	1.4 (1-2.1)	0 (0-0)	1.7 (1.2-2.4)	70	15	67	13	64	12
Wales	0 (0-0)	1.2 (0.9-1.7)	0 (0-0)	1.2 (0.9-1.7)	0 (0-0)	1.2 (0.9-1.7)	0 (0-0)	1.1 (0.8-1.4)	0 (0-0)	1.3 (1-1.8)	0 (0-0)	1.5 (1.1-2.1)	71	13	66	12	64	10
Latin America and Caribbean	0.5 (0.4-0.7)	2.1 (1.7-2.5)	0.5 (0.3-0.7)	2.2 (1.7-2.7)	0.4 (0.2-0.6)	2.6 (2.1-3.3)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	0.1 (0.1-0.2)	0.7 (0.5-0.9)	67	35	62	28	59	21
Andean Latin America	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	124	97	124	85	128	74
Bolivia (Plurinational State of)	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	124	99	123	89	123	77
Ecuador	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	129	93	126	84	114	67
Peru	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	122	95	124	81	129	74
Caribbean	3.6 (1.8-5.6)	22.5 (18-27.1)	3.4 (1.5-5.4)	24 (18.9-29.2)	3.1 (1.3-5.2)	28.3 (22-35)	0.3 (0.2-0.5)	2.1 (1.7-2.6)	0.1 (0.1-0.2)	0.9 (0.7-1.1)	0.4 (0.2-0.6)	3.2 (2.3-4)	33	12	31	12	31	9

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
Antigua and Barbuda	2.1 (1.6-2.7)	5.8 (3.8-8.3)	1.6 (1.2-2.1)	5.6 (3.7-8.3)	1.5 (1.1-2)	8.4 (5.1-12.6)	0.8 (0.7-0.8)	2.1 (1.3-3.1)	0.8 (0.7-0.8)	2.6 (1.8-3.8)	1 (0.9-1.1)	5.7 (3.1-8.4)	18	11	17	9	16	5
Bahamas	1 (0.8-1.2)	6.5 (4.6-8.8)	1 (0.8-1.3)	6.6 (4.5-8.9)	0.9 (0.6-1.4)	12 (8-17.2)	0.4 (0.4-0.5)	3 (2-3.9)	0.4 (0.4-0.5)	2.8 (1.8-3.9)	0.5 (0.4-0.5)	6.3 (3.6-8.9)	24	8	27	9	28	8
Barbados	0.9 (0.7-1.1)	6.4 (4.1-9.2)	0.7 (0.5-0.8)	6.2 (4.1-8.7)	0.5 (0.3-0.6)	9.3 (5.7-14.3)	0.3 (0.3-0.3)	2.1 (1.3-2.9)	0.2 (0.2-0.3)	2.2 (1.4-3.3)	0.2 (0.2-0.2)	4.4 (2.4-6.5)	32	10	36	10	38	7
Belize	1.1 (0.9-1.2)	17.9 (11.5-26.5)	0.6 (0.5-0.8)	17.3 (11.2-24.7)	0.5 (0.4-0.7)	23.6 (15.2-35.7)	0.2 (0.1-0.2)	2.8 (1.7-4)	0.2 (0.1-0.2)	4.3 (2.8-6)	0.2 (0.2-0.2)	8.1 (5-12.1)	47	8	46	6	43	4
Bermuda	0.7 (0.5-1)	2.2 (1.5-3)	0.6 (0.5-0.8)	2.2 (1.5-3)	0.6 (0.4-0.8)	3.3 (2-5)	0.6 (0.5-0.7)	2 (1.3-2.8)	0.7 (0.5-0.8)	2.2 (1.4-3.2)	0.8 (0.7-1.1)	5 (3-7.5)	24	12	23	10	21	5
Cuba	0.3 (0.3-0.4)	3.6 (2.7-4.6)	0.2 (0.2-0.3)	3.9 (2.9-5)	0.2 (0.2-0.3)	6.3 (4.3-8.8)	0.2 (0.2-0.2)	2.1 (1.6-2.7)	0.2 (0.2-0.2)	3.2 (2.4-4)	0.2 (0.2-0.3)	6.8 (4.3-9.8)	42	10	43	8	40	5
Dominica	1.4 (0.9-2)	8 (5.2-11.1)	1.8 (1.3-2.3)	7.7 (5.1-10.9)	1.8 (1.2-2.8)	10.7 (6.9-15.9)	0.4 (0.3-0.6)	2.4 (1.5-3.3)	0.4 (0.3-0.6)	1.8 (1.1-2.6)	0.4 (0.3-0.6)	2.6 (1.4-3.8)	28	10	28	12	27	8
Dominican Republic	2.9 (2.2-3.8)	26.3 (19.4-34.2)	1.9 (1.3-2.4)	26.1 (19.1-34.1)	1.2 (0.7-1.9)	30.6 (23.1-39.3)	0.4 (0.3-0.4)	3.3 (2.2-4.3)	0.3 (0.2-0.4)	4.1 (2.9-5.5)	0.2 (0.1-0.3)	6.2 (4.5-8.1)	30	7	28	7	29	5
Grenada	2.6 (2.1-3.3)	10.3 (6.7-14.7)	2.2 (1.7-3)	10.3 (6.8-15.1)	1.9 (1.4-2.4)	13.9 (8.8-20.9)	0.6 (0.6-0.7)	2.4 (1.4-3.2)	0.6 (0.6-0.7)	2.9 (1.7-4.3)	0.7 (0.6-0.8)	5.1 (3-7.3)	19	7	20	7	19	7
Guyana	2.4 (1.9-3)	9.9 (6.6-14.3)	2.3 (1.8-2.8)	10 (6.7-14.5)	1.6 (1.2-2.1)	12.8 (8-18.5)	0.3 (0.2-0.3)	1.2 (0.7-1.6)	0.3 (0.3-0.4)	1.4 (1-2.1)	0.3 (0.3-0.4)	2.9 (1.7-4.1)	26	12	26	13	27	8
Haiti	8.3 (2.5-14.5)	35.6 (27.9-42.9)	7.2 (2.4-12.6)	35.2 (27.4-42.5)	6.4 (2-11.4)	36.9 (29.6-45.2)	0.3 (0.1-0.6)	1.5 (1.1-1.8)	0.1 (0-0.2)	0.5 (0.4-0.6)	0.4 (0.1-0.7)	2.2 (1.6-2.8)	33	14	31	14	30	11
Jamaica	1.9 (1.5-2.4)	43.8 (37.9-49.2)	1.3 (1-1.6)	44.8 (38.8-50.5)	0.9 (0.6-1.2)	46.3 (35.6-58.2)	0.4 (0.4-0.5)	10.2 (7.7-13.1)	0.4 (0.3-0.4)	12 (9.6-14.4)	0.3 (0.3-0.4)	17.1 (11.7-23.7)	20	3	25	2	25	2
Puerto Rico	0.1 (0.1-0.1)	2.5 (1.7-3.5)	0.1 (0.1-0.1)	2.4 (1.6-3.5)	0.1 (0.1-0.1)	3.6 (2.4-5.3)	0.1 (0-0.1)	1.1 (0.8-1.6)	0.1 (0-0.1)	1.5 (1-2)	0.1 (0.1-0.1)	4.1 (2.5-5.7)	65	13	63	12	56	6
Saint Kitts and Nevis	1.8 (1.5-2.1)	7.3 (4.9-10.7)	1.1 (0.9-1.5)	7.3 (4.9-10.6)	1 (0.7-1.4)	9.8 (6.3-15)	0.4 (0.4-0.5)	1.7 (1.1-2.4)	0.4 (0.4-0.5)	2.7 (1.7-3.8)	0.5 (0.4-0.5)	4.5 (2.5-6.6)	23	11	25	7	26	6
Saint Lucia	1.8 (1.4-2.4)	9.6 (6.2-14.1)	1.3 (1-1.6)	9.4 (6.1-13.8)	1.1 (0.7-1.6)	13.4 (8.7-19.7)	0.5 (0.5-0.6)	2.9 (1.7-4.4)	0.4 (0.3-0.4)	2.8 (1.7-3.8)	0.4 (0.3-0.4)	4.8 (2.7-7.5)	18	8	23	9	24	6
Saint Vincent and the Grenadines	1.8 (1.4-2.3)	9.5 (6.4-13.8)	1.4 (1.1-1.8)	9.4 (6.1-13.7)	1.1 (0.8-1.5)	12.7 (7.9-19.4)	0.4 (0.4-0.4)	2 (1.4-2.9)	0.3 (0.3-0.4)	2.4 (1.6-3.7)	0.4 (0.4-0.5)	5.4 (3.1-8.1)	24	11	28	9	26	6
Suriname	1.5 (1-1.9)	11.5 (7.6-16.3)	1.3 (1-1.8)	11.7 (7.7-17.3)	1.2 (0.8-1.7)	14.6 (9.6-21.1)	0.2 (0.1-0.2)	1.4 (0.9-2)	0.2 (0.2-0.3)	1.8 (1.2-2.6)	0.2 (0.1-0.3)	2.7 (1.7-3.9)	38	13	36	10	39	9
Trinidad and Tobago	1.5 (1.3-1.8)	8.7 (5.8-12.4)	1 (0.8-1.2)	8.7 (5.7-12.5)	0.7 (0.5-0.9)	11.7 (7.5-17.3)	0.3 (0.2-0.3)	1.7 (1.1-2.4)	0.3 (0.2-0.3)	2.4 (1.4-3.4)	0.3 (0.2-0.3)	4.6 (2.6-6.5)	31	12	33	10	32	7
United States Virgin Islands	0.4 (0.2-0.5)	3.8 (2.6-5.3)	0.2 (0.1-0.3)	3.7 (2.5-5.3)	0.1 (0.1-0.2)	5.2 (3.3-7.4)	0.1 (0.1-0.2)	1.6 (1-2.1)	0.1 (0.1-0.2)	2.7 (1.7-3.7)	0.2 (0.1-0.2)	7.7 (4.3-11)	46	14	51	11	53	4
Central Latin America	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0-0.1)	0.4 (0.3-0.5)	0.1 (0-0.1)	0.4 (0.3-0.5)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	102	71	96	60	95	52
Colombia	0.1 (0.1-0.2)	1 (0.7-1.3)	0.1 (0.1-0.1)	1 (0.7-1.3)	0.1 (0.1-0.1)	1 (0.7-1.4)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0.1)	0.5 (0.3-0.8)	87	38	86	35	75	27
Costa Rica	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	77	105	77	99	75	90
El Salvador	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	121	84	117	73	121	67
Guatemala	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	88	126	82	123	75
Honduras	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	116	124	113	126	95
Mexico	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	112	109	110	99	103	91
Aguascalientes	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	120	116	117	106	113	102
Baja California	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	110	105	111	101	104	93
Baja California Sur	0 (0-0.1)	0 (0-0.1)	0 (0-0.1)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	97	97	97	97	94	85

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
Campeche	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	103	100	102	96	94	84
Chiapas	0.1 (0.1-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	109	112	106	99	100	95
Chihuahua	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	115	116	110	107	111	107
Coahuila	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	106	113	97	108	91
Colima	0.1 (0-0.1)	0 (0-0.1)	0 (0-0.1)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	104	116	104	109	101	94
Durango	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	118	114	116	107	113	99
Guanajuato	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	115	104	114	98	110	91
Guerrero	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	105	108	99	98	95	89
Hidalgo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	119	113	116	106	109	95
Jalisco	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	110	109	110	101	106	98
México	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	110	112	104	105	93
Mexico City	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	116	94	112	93	106	87
Michoacán de Ocampo	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	117	114	115	109	112	99
Morelos	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	111	106	112	104	106	91
Nayarit	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	111	114	101	109	95
Nuevo León	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	109	108	102	107	95
Oaxaca	0.1 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	105	100	102	94	98	85
Puebla	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	116	117	112	108	109	98
Querétaro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	112	114	106	105	102
Quintana Roo	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	106	100	100	94	99	90
San Luis Potosí	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	113	111	112	103	104	93
Sinaloa	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	119	109	114	96	113	91
Sonora	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	115	109	115	106	111	94
Tabasco	0.1 (0.1-0.1)	0.2 (0.1-0.3)	0.1 (0.1-0.1)	0.2 (0.1-0.3)	0.1 (0.1-0.1)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	91	86	96	84	90	66
Tamaulipas	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	111	90	108	90	101	84
Tlaxcala	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	117	109	113	106	105	97
Veracruz de Ignacio de la Llave	0.1 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	101	103	97	94	91	83
Yucatán	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	105	97	103	92	100	84
Zacatecas	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	117	115	116	111	112	106

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
Nicaragua	0.1 (0-0.1)	0.2 (0.1-0.2)	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	105	88	105	78	109	60
Panama	0.6 (0.5-0.7)	0.1 (0.1-0.2)	0.5 (0.4-0.5)	0.1 (0.1-0.2)	0.3 (0.2-0.4)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0-0.1)	49	85	52	81	57	68
Venezuela (Bolivarian Republic of)	0.1 (0.1-0.2)	1.6 (1.2-2)	0.1 (0.1-0.1)	1.5 (1.1-2)	0.2 (0.2-0.3)	1.5 (1.1-2)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.2 (0.1-0.3)	85	22	81	19	76	34
Tropical Latin America	0.6 (0.5-0.6)	0.3 (0.2-0.3)	0.6 (0.5-0.7)	0.3 (0.2-0.3)	0.4 (0.3-0.5)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	60	77	54	75	54	60
Brazil	0.6 (0.5-0.7)	0.2 (0.2-0.3)	0.6 (0.5-0.7)	0.2 (0.2-0.3)	0.4 (0.3-0.5)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	59	79	53	77	52	59
Acre	0.7 (0.6-1)	0.2 (0.1-0.3)	0.9 (0.7-1.1)	0.2 (0.1-0.3)	0.6 (0.4-0.9)	0.3 (0.2-0.4)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0.1 (0-0.1)	69	90	59	88	58	77
Alagoas	0.8 (0.6-1)	0.1 (0.1-0.1)	0.7 (0.6-0.9)	0.1 (0.1-0.1)	0.4 (0.3-0.6)	0.1 (0.1-0.1)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	72	109	62	99	56	84
Amapá	0.3 (0.2-0.4)	0.1 (0-0.1)	0.4 (0.3-0.5)	0.1 (0-0.1)	0.6 (0.4-0.7)	0.1 (0-0.1)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	69	96	60	89	53	90
Amazonas	0.2 (0.1-0.3)	0.1 (0.1-0.1)	0.3 (0.2-0.3)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	80	93	68	87	64	85
Bahia	1.4 (1.1-1.7)	0.2 (0.2-0.3)	1.5 (1.1-1.9)	0.2 (0.2-0.3)	0.8 (0.6-1.1)	0.4 (0.3-0.5)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0.1)	0.3 (0.2-0.3)	0.1 (0.1-0.2)	46	84	36	80	40	55
Ceará	0.4 (0.3-0.4)	0.1 (0-0.1)	0.3 (0.2-0.5)	0.1 (0-0.1)	0.2 (0.1-0.3)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	72	105	64	92	62	78
Distrito Federal	0.7 (0.6-0.8)	0.6 (0.5-0.8)	0.5 (0.4-0.6)	0.6 (0.5-0.8)	0.4 (0.4-0.6)	0.6 (0.4-0.8)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.2 (0.1-0.2)	0.2 (0.1-0.3)	0.2 (0.2-0.2)	0.2 (0.2-0.3)	43	45	39	34	39	32
Espírito Santo	0.5 (0.4-0.6)	0.3 (0.2-0.4)	0.7 (0.6-0.9)	0.3 (0.2-0.5)	0.5 (0.4-0.7)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.2 (0.1-0.2)	0.1 (0-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	54	64	43	69	45	53
Goiás	0.6 (0.5-0.8)	0.2 (0.2-0.3)	0.6 (0.5-0.8)	0.2 (0.2-0.3)	0.5 (0.4-0.7)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.2)	0.1 (0-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	54	76	47	71	45	58
Maranhão	1.6 (1-2.7)	0.2 (0.1-0.2)	1.2 (0.9-1.5)	0.2 (0.1-0.2)	0.6 (0.4-0.8)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.3)	0.1 (0-0.1)	51	100	47	93	43	75
Mato Grosso	0.5 (0.4-0.6)	0.1 (0.1-0.2)	0.5 (0.4-0.7)	0.1 (0.1-0.2)	0.6 (0.5-0.8)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0.1)	57	91	53	86	51	78
Mato Grosso do Sul	0.2 (0.2-0.3)	0.1 (0.1-0.2)	0.3 (0.2-0.4)	0.1 (0.1-0.2)	0.3 (0.2-0.3)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0-0.1)	74	86	68	84	64	75
Minas Gerais	0.6 (0.5-0.8)	0.3 (0.2-0.4)	0.7 (0.6-0.9)	0.3 (0.2-0.4)	0.5 (0.4-0.7)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	48	65	46	63	44	51
Pará	0.5 (0.4-0.7)	0.1 (0.1-0.2)	0.7 (0.5-0.9)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0.1-0.2)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0.1)	71	96	55	94	58	80
Paraíba	0.5 (0.4-0.6)	0.2 (0.1-0.3)	0.4 (0.3-0.6)	0.2 (0.1-0.3)	0.2 (0.1-0.3)	0.3 (0.2-0.4)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	69	80	63	77	61	52
Paraná	0.2 (0.1-0.2)	0.1 (0-0.1)	0.2 (0.2-0.3)	0.1 (0-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	72	90	66	89	64	76
Pernambuco	0.6 (0.4-0.7)	0.1 (0-0.1)	0.5 (0.4-0.7)	0.1 (0-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	66	107	61	94	58	78
Piauí	1.2 (0.8-1.5)	0.3 (0.2-0.4)	1.1 (0.8-1.5)	0.3 (0.2-0.4)	0.6 (0.4-0.8)	0.4 (0.3-0.5)	0.1 (0.1-0.2)	0 (0-0.1)	0.2 (0.1-0.2)	0.1 (0-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.2)	46	79	36	70	39	48
Rio de Janeiro	0.5 (0.4-0.6)	0.6 (0.5-0.8)	0.5 (0.4-0.6)	0.6 (0.5-0.8)	0.6 (0.5-0.7)	0.7 (0.5-0.9)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.2 (0.1-0.2)	0.2 (0.2-0.2)	0.2 (0.2-0.3)	52	46	47	44	47	40
Rio Grande do Norte	0.5 (0.3-0.6)	0.1 (0.1-0.1)	0.4 (0.3-0.6)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0.1)	72	107	65	93	61	77
Rio Grande do Sul	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0.1)	71	84	63	79	60	73
Rondônia	0.3 (0.3-0.5)	0.2 (0.1-0.3)	0.5 (0.4-0.6)	0.2 (0.1-0.3)	0.3 (0.2-0.4)	0.2 (0.2-0.3)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	71	82	63	80	59	66
Roraima	0.1 (0.1-0.2)	0.3 (0.2-0.4)	0.3 (0.2-0.4)	0.2 (0.1-0.3)	0.4 (0.3-0.5)	0.2 (0.2-0.4)	0 (0-0)	0.1 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	76	64	71	79	66	74
Santa Catarina	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0.1)	0.1 (0.1-0.2)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	78	93	72	86	68	82

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
São Paulo	0.3 (0.2-0.3)	0.4 (0.3-0.5)	0.3 (0.2-0.4)	0.4 (0.3-0.5)	0.4 (0.3-0.4)	0.5 (0.4-0.7)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	65	55	58	52	54	44
Sergipe	0.9 (0.6-1.1)	0.2 (0.1-0.3)	0.8 (0.6-1)	0.2 (0.2-0.3)	0.7 (0.5-0.9)	0.3 (0.2-0.3)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0.1 (0-0.1)	55	80	48	76	47	69
Tocantins	0.9 (0.7-1.2)	0.4 (0.3-0.6)	0.9 (0.6-1.2)	0.4 (0.3-0.6)	0.7 (0.5-1.1)	0.6 (0.4-0.7)	0.1 (0.1-0.1)	0 (0-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.2 (0.1-0.3)	51	76	44	59	42	49
Paraguay	0.1 (0.1-0.1)	0.6 (0.4-0.7)	0.1 (0.1-0.2)	0.6 (0.4-0.7)	0.1 (0-0.1)	0.6 (0.4-0.7)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	90	51	91	54	93	48
North Africa and Middle East	0.4 (0.2-0.6)	5.5 (4.1-7.4)	0.3 (0.2-0.5)	5.3 (4-7.2)	0.2 (0.1-0.3)	5 (3.6-6.8)	0 (0-0)	0.5 (0.3-0.6)	0 (0-0.1)	0.6 (0.5-0.8)	0 (0-0.1)	1.1 (0.8-1.4)	82	29	84	24	86	16
North Africa and Middle East	0.4 (0.2-0.6)	5.5 (4.1-7.4)	0.3 (0.2-0.5)	5.3 (4-7.2)	0.2 (0.1-0.3)	5 (3.6-6.8)	0 (0-0)	0.5 (0.3-0.6)	0 (0-0.1)	0.6 (0.5-0.8)	0 (0-0.1)	1.1 (0.8-1.4)	82	29	84	24	86	16
Afghanistan	0.8 (0.3-1.6)	5.1 (3.5-7.6)	0.6 (0.3-1.2)	5.2 (3.5-7.7)	0.4 (0.2-0.7)	5.1 (3.4-7.7)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0.1)	0.4 (0.3-0.6)	78	44	77	37	79	31
Algeria	0.2 (0.1-0.3)	1.5 (1-2)	0.1 (0.1-0.2)	1.5 (1-2.1)	0.1 (0-0.1)	1.5 (1-2.1)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.4 (0.3-0.5)	83	39	80	36	85	28
Bahrain	1.4 (0.9-2)	15.6 (11.2-21.7)	1.4 (0.9-2)	14.6 (10.1-20.3)	1.6 (1.1-2.3)	14.5 (10-20.8)	0.6 (0.4-0.9)	7.1 (5-10.2)	0.6 (0.4-0.9)	6.7 (4.7-9.1)	0.7 (0.5-0.9)	6.2 (4.3-8.7)	26	4	24	5	27	4
Egypt	0.1 (0.1-0.2)	3.2 (2.5-4.1)	0.2 (0.1-0.3)	3.2 (2.5-4.1)	0.1 (0.1-0.2)	3.2 (2.5-4.1)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.5 (0.3-0.6)	0 (0-0)	0.9 (0.7-1.2)	80	33	76	26	79	14
Iran (Islamic Republic of)	0.2 (0.1-0.3)	2.8 (2-3.9)	0.1 (0.1-0.2)	2.8 (2-3.9)	0 (0-0)	2.4 (1.7-3.4)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	3.8 (2.7-5.2)	80	27	87	25	85	7
Alborz	0 (0-0.1)	2 (1.5-2.8)	0 (0-0)	2 (1.4-2.8)	0 (0-0)	1.7 (1.2-2.4)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.9 (0.6-1.2)	0 (0-0)	28.5 (16.2-46.4)	88	22	90	18	94	2
Ardebil	0.1 (0.1-0.3)	2.8 (2-3.8)	0.1 (0-0.1)	2.8 (2-3.9)	0 (0-0)	2.4 (1.7-3.3)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	2.9 (2-3.9)	84	34	88	24	92	7
Bushehr	0.3 (0.1-0.5)	3.6 (2.5-5.2)	0.2 (0.1-0.3)	3.5 (2.5-5)	0 (0-0.1)	3.1 (2.1-4.6)	0 (0-0.1)	0.6 (0.4-0.9)	0 (0-0.1)	0.7 (0.5-1.1)	0 (0-0.1)	4.7 (3.1-7)	64	22	68	21	73	6
Chahar Mahaal and Bakhtiari	0.2 (0.1-0.4)	3.7 (2.6-5.4)	0.1 (0.1-0.2)	3.8 (2.7-5.3)	0 (0-0)	3.3 (2.3-4.8)	0 (0-0.1)	0.7 (0.5-1)	0 (0-0.1)	0.9 (0.7-1.3)	0 (0-0.1)	7.5 (4.8-11)	68	21	71	16	76	4
East Azarbaijejan	0.1 (0.1-0.2)	2.8 (2-3.9)	0 (0-0.1)	2.9 (2-3.9)	0 (0-0)	2.4 (1.7-3.3)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	5 (3.4-7.3)	86	30	95	24	95	6
Fars	0.3 (0.1-0.5)	3.6 (2.6-5.1)	0.2 (0.1-0.3)	3.5 (2.5-5)	0 (0-0.1)	3.1 (2.1-4.5)	0 (0-0.1)	0.6 (0.4-0.8)	0 (0-0.1)	0.7 (0.5-0.9)	0 (0-0.1)	4.3 (3-6.1)	64	21	72	21	78	5
Gilan	0.1 (0-0.2)	2 (1.4-2.7)	0 (0-0.1)	2 (1.4-2.7)	0 (0-0)	1.6 (1.2-2.3)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.8 (0.5-1.1)	0 (0-0)	14.1 (7.9-24.1)	74	22	77	18	78	3
Golestan	0.2 (0.1-0.4)	2.8 (2-3.8)	0.1 (0.1-0.2)	2.8 (2-3.8)	0 (0-0)	2.3 (1.6-3.3)	0 (0-0.1)	0.4 (0.2-0.5)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0.1)	3 (2.1-4.1)	73	31	81	23	83	7
Hamadan	0.1 (0.1-0.2)	3 (2.1-4.2)	0.1 (0-0.1)	3.1 (2.2-4.3)	0 (0-0)	2.6 (1.9-3.8)	0 (0-0)	0.4 (0.2-0.5)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	3 (2.2-4.1)	81	26	88	22	90	8
Hormozgan	0.4 (0.1-0.7)	2.9 (2-4)	0.2 (0.1-0.4)	2.9 (2.1-4)	0 (0-0.1)	2.5 (1.8-3.5)	0 (0-0.1)	0.4 (0.3-0.5)	0 (0-0.1)	0.5 (0.4-0.8)	0 (0-0.1)	3.2 (2.4-4.6)	66	31	74	25	74	7
Ilam	0.2 (0.1-0.4)	3 (2.1-4.2)	0.1 (0.1-0.2)	3 (2.1-4.2)	0 (0-0.1)	2.6 (1.8-3.7)	0 (0-0.1)	0.4 (0.3-0.6)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	3 (1.8-4.6)	72	25	79	22	81	7
Isfahan	0.1 (0.1-0.2)	3.1 (2.2-4.4)	0.1 (0-0.1)	3.1 (2.1-4.5)	0 (0-0)	2.7 (1.9-3.9)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	3.6 (2.5-5.1)	76	23	82	23	87	7
Kerman	0.2 (0.1-0.3)	2.6 (1.9-3.6)	0.1 (0.1-0.2)	2.7 (1.9-3.6)	0 (0-0)	2.2 (1.6-3.2)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	2.4 (1.7-3.4)	73	25	84	26	83	8
Kermanshah	0.1 (0.1-0.2)	2.9 (2.1-4.1)	0.1 (0-0.1)	3 (2.1-4.1)	0 (0-0)	2.5 (1.8-3.6)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	3.4 (2.4-4.7)	82	28	84	26	89	6
Khorasan-e-Razavi	0.1 (0.1-0.2)	2.9 (2.1-4)	0.1 (0-0.1)	2.9 (2.1-4)	0 (0-0)	2.4 (1.7-3.4)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	3.7 (2.4-5.3)	85	31	91	26	90	7
Khuzestan	0.3 (0.1-0.6)	3.8 (2.7-5.4)	0.2 (0.1-0.4)	3.8 (2.7-5.4)	0 (0-0.1)	3.4 (2.3-4.9)	0 (0-0.1)	0.6 (0.4-0.8)	0 (0-0.1)	0.7 (0.5-1)	0 (0-0.1)	4.3 (3-6)	64	23	65	23	72	5
Kohgiluyeh and Boyer-Ahmad	0.4 (0.2-0.7)	4.4 (3.1-6.3)	0.2 (0.1-0.3)	4.5 (3.1-6.5)	0 (0-0.1)	4 (2.7-6)	0.1 (0-0.1)	0.6 (0.4-0.9)	0 (0-0.1)	1 (0.7-1.4)	0 (0-0.1)	7.4 (4.8-11.1)	66	22	66	18	71	4
Kurdistan	0.1 (0.1-0.2)	3.2 (2.3-4.4)	0.1 (0-0.1)	3.2 (2.3-4.4)	0 (0-0)	2.7 (1.9-3.8)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	3.3 (2.3-4.6)	85	30	93	25	94	6

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
Lorestan	0.2 (0.1-0.3)	3 (2.1-4.3)	0.1 (0-0.2)	3.1 (2.2-4.3)	0 (0-0)	2.6 (1.8-3.7)	0 (0-0.1)	0.5 (0.3-0.7)	0 (0-0)	0.8 (0.6-1.2)	0 (0-0.1)	7.6 (5.3-10.3)	76	26	79	16	79	4
Markazi	0.1 (0-0.1)	2.6 (1.9-3.7)	0 (0-0.1)	2.7 (1.9-3.8)	0 (0-0)	2.2 (1.6-3.3)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	3.8 (2.6-5.5)	81	23	91	21	92	8
Mazandaran	0.1 (0-0.2)	2 (1.4-2.8)	0.1 (0-0.1)	2 (1.5-2.8)	0 (0-0)	1.7 (1.2-2.4)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0.1)	6.2 (4.1-9.4)	74	25	79	22	78	6
North Khorasan	0.1 (0-0.1)	3 (2.1-4.1)	0 (0-0.1)	3 (2.2-4.1)	0 (0-0)	2.5 (1.8-3.5)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	3.3 (2.4-4.7)	89	32	96	23	97	8
Qazvin	0.1 (0.1-0.1)	2.6 (1.9-3.6)	0 (0-0.1)	2.7 (1.9-3.7)	0 (0-0)	2.2 (1.6-3.2)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	5 (3.4-7.3)	82	29	88	23	92	6
Qom	0.1 (0-0.1)	2.5 (1.8-3.4)	0 (0-0.1)	2.5 (1.8-3.4)	0 (0-0)	2.1 (1.5-3)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	5 (3.3-7.2)	87	24	90	19	95	6
Semnan	0.1 (0-0.2)	2.2 (1.6-3)	0.1 (0-0.1)	2.2 (1.6-3.1)	0 (0-0)	1.9 (1.3-2.6)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	4 (2.4-6.4)	77	25	83	23	84	8
Sistan and Baluchistan	0.5 (0.2-0.8)	3.3 (2.3-4.5)	0.3 (0.1-0.5)	3.2 (2.4-4.5)	0.1 (0-0.1)	2.7 (2-3.9)	0 (0-0.1)	0.3 (0.2-0.4)	0 (0-0.1)	0.4 (0.3-0.5)	0 (0-0.1)	1.9 (1.4-2.6)	71	31	79	31	82	10
South Khorasan	0.1 (0-0.1)	2.9 (2.1-4)	0 (0-0.1)	2.9 (2.1-3.9)	0 (0-0)	2.4 (1.7-3.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.5 (0.3-0.6)	0 (0-0)	2.8 (2-3.9)	90	34	92	25	96	8
Tehran	0.1 (0-0.2)	1.7 (1.2-2.4)	0.1 (0-0.1)	1.7 (1.2-2.3)	0 (0-0)	1.4 (1-2.1)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	6.5 (3.1-13.1)	78	24	80	20	82	5
West Azarbajejan	0.1 (0.1-0.2)	2.9 (2.1-3.9)	0.1 (0-0.1)	2.9 (2.1-4)	0 (0-0)	2.4 (1.7-3.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	3.4 (2.4-4.7)	83	31	92	29	92	6
Yazd	0.1 (0-0.1)	2.5 (1.8-3.5)	0 (0-0.1)	2.5 (1.8-3.5)	0 (0-0)	2.1 (1.5-3.1)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	2.7 (1.9-3.8)	80	23	86	24	88	8
Zanjan	0.1 (0.1-0.2)	2.8 (2-3.9)	0 (0-0.1)	2.8 (2.1-3.9)	0 (0-0)	2.4 (1.7-3.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	3.1 (2.2-4.6)	83	31	92	23	96	8
Iraq	0.4 (0.3-0.6)	13.1 (9.2-18.9)	0.3 (0.2-0.5)	13.2 (9.1-19.3)	0.2 (0.1-0.3)	13.1 (8.9-18.8)	0.1 (0-0.1)	1.8 (1.3-2.6)	0.1 (0-0.1)	2.3 (1.6-3.3)	0.1 (0-0.1)	5.1 (3.2-7.1)	64	9	64	9	62	7
Jordan	0.2 (0.1-0.3)	3.1 (2-5)	0.1 (0.1-0.2)	3.2 (2-5)	0.1 (0-0.1)	3.1 (2-5)	0 (0-0)	0.6 (0.3-0.9)	0 (0-0.1)	0.9 (0.5-1.3)	0 (0-0.1)	1.5 (0.9-2.4)	71	25	70	15	75	11
Kuwait	0.1 (0.1-0.1)	3.3 (1.9-5.4)	0.1 (0.1-0.1)	3.4 (2-5.7)	0 (0-0.1)	3.4 (1.9-5.5)	0 (0-0)	1.5 (0.9-2.4)	0 (0-0)	1.4 (0.7-2.1)	0 (0-0)	2.8 (1.6-4.7)	67	11	72	14	74	8
Lebanon	0.1 (0-0.1)	1.5 (1-2.2)	0 (0-0.1)	1.5 (1-2.3)	0 (0-0)	1.6 (1.1-2.3)	0 (0-0)	0.4 (0.2-0.5)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	1.7 (1-2.9)	86	31	84	20	89	13
Libya	0.8 (0.5-1.1)	82.7 (52.8-127)	1 (0.6-1.4)	83.4 (52-130)	1.3 (0.8-1.8)	83.6 (53.3-126)	0.1 (0.1-0.2)	15.5 (10.2-23.2)	0.2 (0.1-0.2)	14.2 (8.9-21.1)	0.2 (0.1-0.2)	11.4 (7-17.6)	53	2	51	2	49	3
Morocco	0.2 (0.1-0.3)	2.2 (1.5-3)	0.1 (0.1-0.3)	2.2 (1.5-3)	0.1 (0-0.2)	2.2 (1.5-3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.6 (0.5-0.9)	82	38	86	34	88	19
Oman	0.7 (0.5-1.1)	22.7 (15-32.7)	0.6 (0.4-0.8)	22.7 (15-32)	0.3 (0.2-0.4)	22.8 (15-32.1)	0.2 (0.2-0.3)	7.4 (4.7-10.7)	0.2 (0.2-0.3)	9.4 (6.1-13.7)	0.2 (0.1-0.3)	15.7 (10.4-23.1)	34	5	35	4	40	2
Palestine	0.1 (0.1-0.2)	3.1 (2-4.8)	0.1 (0.1-0.2)	3.1 (2-4.8)	0.1 (0-0.1)	3.1 (2-4.8)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	0.8 (0.5-1.1)	0 (0-0)	1.5 (0.9-2.4)	76	22	78	19	84	11
Qatar	0.1 (0-0.1)	3.5 (2.1-5.8)	0.1 (0-0.1)	3.5 (2.1-5.7)	0 (0-0)	3.6 (2.1-6)	0 (0-0.1)	1.5 (0.9-2.5)	0 (0-0.1)	2.3 (1.3-3.9)	0 (0-0.1)	4.8 (2.8-8.3)	73	15	77	9	74	5
Saudi Arabia	0.4 (0.2-0.6)	7.6 (5.8-9.7)	0.1 (0.1-0.2)	6.4 (4.9-8.3)	0.1 (0-0.2)	4.2 (3-5.5)	0.1 (0.1-0.1)	1.7 (1.2-2.2)	0.1 (0-0.1)	2.8 (2.1-3.5)	0.1 (0.1-0.2)	4.4 (2.9-6.1)	59	9	64	8	61	6
Sudan	1.3 (0.5-2.2)	10.7 (8.4-13.9)	1 (0.4-1.7)	10.7 (8.4-13.7)	0.5 (0.3-0.8)	9.1 (7.2-11.8)	0.1 (0-0.1)	0.5 (0.4-0.6)	0.1 (0-0.1)	0.7 (0.6-0.9)	0.1 (0-0.1)	1.2 (0.9-1.6)	68	26	70	24	70	15
Syrian Arab Republic	0.1 (0.1-0.2)	2.9 (2-4)	0.1 (0.1-0.2)	2.9 (2-3.9)	0.2 (0.1-0.3)	2.9 (2-4)	0 (0-0.1)	0.8 (0.6-1.2)	0 (0-0.1)	1 (0.7-1.4)	0 (0-0.1)	0.7 (0.4-0.9)	73	23	75	18	77	25
Tunisia	0.1 (0.1-0.2)	3.2 (2.2-4.6)	0.1 (0.1-0.1)	3.2 (2.2-4.6)	0 (0-0.1)	3.2 (2.1-4.5)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.8 (0.5-1.1)	0 (0-0)	1.5 (1-2.2)	78	26	79	16	82	13
Türkiye	0.2 (0.1-0.5)	1.8 (1.3-2.5)	0.2 (0.1-0.3)	1.8 (1.3-2.4)	0.1 (0-0.1)	1.8 (1.3-2.5)	0 (0-0.1)	0.2 (0.2-0.3)	0 (0-0.1)	0.3 (0.2-0.5)	0 (0-0)	0.7 (0.5-1)	79	40	83	37	90	23
United Arab Emirates	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.7 (0.5-1)	105	40	109	29	112	22
Yemen	0.3 (0.1-0.5)	2.4 (1.7-3.2)	0.2 (0.1-0.4)	2.4 (1.7-3.2)	0.1 (0.1-0.3)	2.3 (1.7-3.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.3 (0.2-0.4)	84	47	84	40	88	38

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
South Asia	0.4 (0.2-0.5)	10.5 (6.8-15.5)	0.3 (0.2-0.3)	10.4 (6.7-15.3)	0.1 (0.1-0.2)	9.7 (6.3-14.1)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	1.3 (0.8-2)	83	22	86	18	95	13
South Asia	0.4 (0.2-0.5)	10.5 (6.8-15.5)	0.3 (0.2-0.3)	10.4 (6.7-15.3)	0.1 (0.1-0.2)	9.7 (6.3-14.1)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	1.3 (0.8-2)	83	22	86	18	95	13
Bangladesh	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	130	87	132	82	130	67
Bhutan	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	120	100	119	93	119	85
India	0.5 (0.3-0.7)	14.4 (9.2-21.1)	0.3 (0.2-0.5)	14.3 (9.3-21.2)	0.2 (0.1-0.3)	13.6 (8.8-19.8)	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	1.2 (0.8-1.8)	0 (0-0)	2 (1.3-3.2)	75	19	77	16	80	10
Nepal	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	126	90	124	82	124	72
Pakistan	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	97	117	100	126	102
Azad Jammu & Kashmir	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	99	119	100	128	100
Balochistan	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	116	97	119	102	127	107
Gilgit-Baltistan	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	117	100	121	100	128	97
Islamabad Capital Territory	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	118	89	123	87	130	80
Khyber Pakhtunkhwa	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	118	95	120	98	128	98
Punjab	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	113	95	115	100	125	103
Sindh	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	111	98	116	99	126	97
Southeast Asia, East Asia, and Oceania	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	126	136	116	137	111
East Asia	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	134	121	135	105	136	87
China	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	134	121	133	104	134	87
Democratic People's Republic of Korea	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	132	115	132	115	132	106
Taiwan (Province of China)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	112	92	124	84	127	80
Oceania	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	139	127	137	122	141	124
American Samoa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	131	121	131	114	132	106
Cook Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	132	110	129	102	131	93
Fiji	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	116	129	115	133	114
Guam	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	114	132	114	137	111
Kiribati	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	131	121	131	120	131	119
Marshall Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	117	135	117	135	112
Micronesia (Federated States of)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	113	135	112	135	107
Nauru	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	119	136	119	135	114
Niue	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	114	136	112	136	111

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
Northern Mariana Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	117	135	113	137	116
Palau	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	110	130	110	131	109
Papua New Guinea	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	124	136	119	139	121
Samoa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	115	135	112	136	108
Solomon Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	118	137	118	137	116
Tokelau	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	115	135	108	135	103
Tonga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	118	135	116	135	115
Tuvalu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	118	135	115	135	111
Vanuatu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	117	135	115	137	113
Southeast Asia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	132	123	133	117	136	113
Cambodia	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	138	123	137	117	138	107
Indonesia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	122	129	112	130	109
Aceh	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	121	128	110	130	106
Bali	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	106	127	104	133	103
Bangka-Belitung Islands	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	112	127	106	129	110
Banten	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	118	125	109	129	106
Bengkulu	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	120	125	118	129	109
Gorontalo	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	123	117	122	116	125	109
Jakarta	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	117	126	111	129	108
Jambi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	130	119	130	112	132	107
West Java	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	116	125	105	128	103
Central Java	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	115	127	108	129	102
East Java	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	113	126	104	129	102
West Kalimantan	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	122	128	119	131	114
South Kalimantan	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	120	127	115	131	107
Central Kalimantan	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	116	125	115	129	111
East Kalimantan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	130	115	130	111	131	108
North Kalimantan	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	118	126	114	128	111
Riau Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	116	127	109	128	108

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
Lampung	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	113	127	109	129	110
Maluku	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	124	129	113	130	110
North Maluku	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	121	129	113	129	115
West Nusa Tenggara	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	131	117	131	105	131	101
East Nusa Tenggara	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	116	125	113	128	111
Papua	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	122	128	121	131	122
West Papua	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	117	130	117	131	115
Riau	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	122	128	117	132	106
West Sulawesi	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	119	127	118	129	114
South Sulawesi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	131	114	131	106	133	101
Central Sulawesi	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	119	127	116	131	115
Southeast Sulawesi	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	117	125	116	128	116
North Sulawesi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	108	128	108	128	114
West Sumatra	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	123	117	123	110	128	105
South Sumatra	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	117	125	105	127	106
North Sumatra	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	123	113	123	108	126	112
Yogyakarta	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	103	129	98	130	99
Lao People's Democratic Republic	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	121	135	114	136	110
Malaysia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	98	136	93	135	93
Maldives	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	132	102	131	90	132	84
Mauritius	0.2 (0.2-0.3)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	49	89	69	91	73	87
Myanmar	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	123	136	121	137	115
Philippines	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	115	129	114	131	112
Abra	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	130	105	129	100	132	96
Agusan Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	118	126	115	127	107
Agusan Del Sur	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	130	118	130	117	133	118
Aklan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	111	125	110	128	111
Albay	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	108	124	110	128	100
Antique	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	114	127	107	128	103

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
Apayao	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	117	122	112	127	109
Aurora	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	119	124	105	127	100
Basilan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	105	127	96	130	93
Bataan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	111	127	104	129	111
Batanes	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	106	124	101	127	97
Batangas	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	109	125	109	129	98
Benguet	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	113	126	109	130	94
Biliran	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	123	105	125	99	130	95
Bohol	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	130	111	128	112	131	111
Bukidnon	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	115	126	114	130	118
Bulacan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	107	128	106	132	103
Cagayan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	117	124	115	127	112
Camarines Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	105	128	110	127	110
Camarines Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	116	126	113	128	114
Camiguin	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	107	124	94	127	91
Capiz	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	113	126	112	130	112
Catanduanes	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	117	126	117	125	117
Cavite	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	107	126	99	130	99
Cebu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	116	127	108	129	101
Cotabato (North Cotabato)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	114	123	113	129	112
Davao de Oro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	112	130	108	131	112
Davao Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	112	126	111	132	108
Davao Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	129	118	127	112	129	85
Davao Occidental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	116	126	114	128	111
Davao Oriental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	113	127	113	130	117
Dinagat Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	111	128	107	131	105
Eastern Samar	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	113	129	111	132	114
Guimaras	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	105	130	97	133	93
Ifugao	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	114	126	113	131	108

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
Ilocos Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	113	125	110	128	100
Ilocos Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	109	127	103	129	101
Iloilo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	109	129	106	131	99
Isabela	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	113	124	109	125	98
Kalinga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	122	104	119	98	123	94
La Union	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	122	114	123	110	126	103
Laguna	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	109	128	103	130	101
Lanao Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	114	126	114	126	95
Lanao Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	120	127	110	130	113
Leyte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	113	124	111	128	107
Maguindanao	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	119	129	116	133	118
Marinduque	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	110	126	111	129	112
Masbate	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	114	126	118	127	117
Misamis Occidental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	118	126	116	130	113
Misamis Oriental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	119	126	115	129	98
Mountain Province	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	108	126	98	130	102
National Capital Region	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	112	128	112	132	99
Negros Occidental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	111	122	115	125	111
Negros Oriental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	113	125	115	128	116
Northern Samar	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	117	127	110	128	104
Nueva Ecija	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	107	127	102	130	99
Nueva Vizcaya	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	112	124	106	127	101
Occidental Mindoro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	116	129	111	129	109
Oriental Mindoro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	118	129	112	132	110
Palawan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	116	126	113	128	109
Pampanga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	105	127	105	129	105
Pangasinan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	109	123	105	127	103
Quezon	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	116	126	109	127	99
Quirino	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	112	121	109	126	103

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
Rizal	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	130	110	131	108	131	107
Romblon	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	116	124	108	127	107
Samar (Western Samar)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	122	126	120	129	121
Sarangani	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	131	114	128	112	133	113
Siquijor	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	111	126	99	129	96
Sorsogon	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	111	128	104	129	99
South Cotabato	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	116	125	114	127	108
Southern Leyte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	116	126	113	130	107
Sultan Kudarat	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	112	129	113	133	114
Sulu	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	118	127	113	130	116
Surigao Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	117	128	110	128	107
Surigao Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	119	127	115	130	114
Tarlac	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	109	125	107	128	111
Tawi-Tawi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	107	128	99	130	103
Zambales	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	112	128	109	129	96
Zamboanga Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	126	113	126	111	128	108
Zamboanga Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	114	128	112	131	97
Zamboanga Sibugay	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	115	129	111	131	110
Seychelles	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	118	93	122	93	121	93
Sri Lanka	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	106	130	95	131	86
Thailand	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	106	139	100	141	93
Timor-Leste	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	120	130	110	133	109
Viet Nam	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	106	134	102	136	93
Sub-Saharan Africa	9.1 (5.8-13.4)	36.7 (26.8-48.6)	7.5 (4.9-10.9)	34.9 (25.6-46.4)	6 (3.7-8.2)	35.6 (25.8-47.5)	0.3 (0.2-0.4)	1 (0.8-1.4)	0.3 (0.2-0.4)	1.4 (1-1.9)	0.4 (0.3-0.5)	2.2 (1.5-3)	32	17	30	14	26	11
Central Sub-Saharan Africa	6.1 (1.2-12.2)	49.5 (34.4-67.5)	5.1 (1.2-10.5)	49.5 (33.8-68.5)	3.5 (1-9.1)	51.4 (34.8-72)	0.2 (0-0.3)	1.4 (1-1.9)	0.2 (0.1-0.4)	2.1 (1.4-2.9)	0.3 (0.1-0.6)	3.7 (2.3-5.1)	35	15	32	11	31	8
Angola	4.3 (0.9-10)	40.9 (27.5-59.3)	3.5 (1-7)	40.2 (25.7-59.4)	2.5 (0.6-4.5)	41.3 (26.9-61.2)	0.1 (0-0.3)	1 (0.7-1.4)	0.2 (0-0.3)	1.8 (1.1-2.7)	0.2 (0-0.3)	2.9 (1.9-4.2)	44	19	43	16	39	10
Central African Republic	4.2 (0.6-12.2)	29.9 (19.9-43)	4.4 (0.8-15.6)	30 (19.1-42.4)	4.2 (0.9-16.3)	30.8 (20.4-43.9)	0.1 (0-0.3)	0.7 (0.5-1.1)	0.1 (0-0.4)	0.8 (0.5-1.1)	0.1 (0-0.6)	1.1 (0.7-1.5)	44	24	42	23	40	19
Congo	4.5 (1.1-10.4)	19.7 (14-26.3)	3.2 (1-5.6)	19.4 (13.7-26.2)	1.6 (0.6-3.1)	19.1 (13.6-25.6)	0.2 (0-0.4)	0.9 (0.6-1.2)	0.2 (0.1-0.4)	1.4 (1-1.9)	0.2 (0.1-0.4)	2.5 (1.6-3.3)	33	22	34	19	36	10
Democratic Republic of the Congo	6.9 (1.1-14.8)	54.8 (37.8-75.4)	5.9 (1.1-13.4)	55.5 (38.1-76.9)	4 (0.9-12.2)	58 (39.5-80.9)	0.2 (0-0.4)	1.6 (1.1-2.1)	0.2 (0-0.6)	2.3 (1.5-3.3)	0.3 (0.1-0.9)	4.5 (2.8-6.2)	35	14	30	9	27	7

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
Equatorial Guinea	3.8 (0.3-7.9)	83.6 (61-112)	2.6 (0.3-4.7)	83.6 (60.5-112)	1.8 (0.1-3.1)	83.9 (60.5-113)	0.2 (0-0.3)	3.4 (2.3-4.4)	0.2 (0-0.3)	5.8 (3.9-7.8)	0.2 (0-0.3)	8.4 (4.8-12)	34	6	33	6	35	5
Gabon	2.7 (0.1-5.3)	31.4 (22.4-42.1)	2.9 (0.2-4.7)	30.7 (22.3-40.9)	1.9 (0.2-4.4)	30.1 (21.8-40.1)	0.2 (0-0.3)	2.1 (1.5-2.9)	0.2 (0-0.4)	2.3 (1.6-3.1)	0.3 (0-0.5)	4.2 (2.5-6.3)	32	12	31	12	31	6
Eastern Sub-Saharan Africa	1.2 (0.4-2)	12.9 (8.8-17.8)	1.1 (0.5-1.8)	13.1 (8.9-18.3)	0.7 (0.3-1.1)	13.2 (8.9-18.2)	0 (0-0.1)	0.4 (0.3-0.6)	0.1 (0-0.1)	0.7 (0.4-0.9)	0.1 (0-0.1)	1 (0.7-1.4)	77	25	68	22	71	18
Burundi	0.8 (0.2-1.7)	3.4 (2.4-4.7)	0.8 (0.3-1.5)	3.1 (2.2-4.3)	0.3 (0.2-0.6)	3.1 (2.2-4.3)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.3)	83	47	76	46	77	28
Comoros	0.2 (0-0.4)	0.5 (0.3-0.7)	0.1 (0-0.2)	0.5 (0.3-0.7)	0.1 (0-0.2)	0.5 (0.3-0.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	104	83	104	78	103	74
Djibouti	0.2 (0.1-0.5)	0.9 (0.6-1.2)	0.2 (0.1-0.4)	0.9 (0.6-1.2)	0.1 (0.1-0.2)	0.9 (0.6-1.2)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	101	74	103	67	102	56
Eritrea	0.3 (0.1-0.8)	1.2 (0.8-1.7)	0.3 (0.1-0.6)	1.2 (0.8-1.7)	0.3 (0.1-0.6)	1.2 (0.8-1.6)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	100	66	100	58	98	60
Ethiopia	0.1 (0-0.2)	0.4 (0.2-0.6)	0 (0-0.1)	0.4 (0.2-0.6)	0 (0-0.1)	0.4 (0.2-0.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	122	99	121	87	123	80
Addis Ababa	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	121	85	118	69	122	68
Afar	0.1 (0-0.2)	0.4 (0.3-0.7)	0.1 (0-0.2)	0.4 (0.3-0.7)	0.1 (0-0.1)	0.4 (0.3-0.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	120	98	121	95	122	85
Amhara	0.1 (0-0.2)	0.4 (0.2-0.6)	0 (0-0.1)	0.4 (0.2-0.6)	0 (0-0.1)	0.4 (0.2-0.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	122	100	122	81	124	77
Benishangul-Gumuz	0.1 (0-0.3)	0.5 (0.3-0.7)	0.1 (0-0.2)	0.5 (0.3-0.8)	0.1 (0-0.1)	0.5 (0.3-0.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	122	101	117	89	121	83
Dire Dawa	0.1 (0-0.2)	0.4 (0.2-0.6)	0 (0-0.1)	0.3 (0.2-0.5)	0 (0-0.1)	0.4 (0.2-0.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	118	104	118	79	123	74
Gambella	0.1 (0-0.2)	0.4 (0.3-0.7)	0.1 (0-0.1)	0.4 (0.3-0.7)	0 (0-0.1)	0.4 (0.3-0.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	120	97	118	82	124	76
Harari	0.1 (0-0.1)	0.3 (0.2-0.5)	0 (0-0.1)	0.3 (0.2-0.5)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	119	93	118	76	123	74
Oromia	0.1 (0-0.2)	0.4 (0.2-0.6)	0 (0-0.1)	0.4 (0.2-0.6)	0 (0-0.1)	0.4 (0.2-0.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	121	97	119	83	122	78
Somali	0.1 (0-0.2)	0.4 (0.2-0.6)	0.1 (0-0.2)	0.4 (0.2-0.6)	0.1 (0-0.1)	0.4 (0.2-0.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	120	98	119	93	122	87
Southern Nations, Nationalities, and Peoples	0.1 (0-0.3)	0.4 (0.3-0.7)	0.1 (0-0.1)	0.4 (0.3-0.6)	0 (0-0.1)	0.4 (0.3-0.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	122	103	120	87	122	79
Tigray	0.1 (0-0.2)	0.3 (0.2-0.5)	0 (0-0.1)	0.3 (0.2-0.5)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	122	98	121	78	125	75
Kenya	1.3 (0.6-2.1)	41.3 (26-61.3)	1.3 (0.7-2)	42 (26.6-62.6)	0.6 (0.3-1)	45.9 (29.6-67.3)	0.1 (0-0.1)	2.1 (1.3-3.3)	0.1 (0.1-0.2)	3.4 (2.1-5)	0.1 (0.1-0.1)	7.1 (4.4-10.7)	47	13	45	9	51	7
Baringo	1.2 (0.6-2.2)	38.9 (24-59.6)	1 (0.6-1.6)	39.7 (24.1-62)	0.6 (0.4-0.9)	42.1 (25.8-66.1)	0.1 (0-0.1)	1.8 (1.2-3)	0.1 (0-0.1)	2.9 (1.7-4.5)	0.1 (0-0.1)	5 (2.9-8.3)	56	14	54	8	59	7
Bomet	0.2 (0.1-0.3)	24.9 (15.3-36.1)	0.3 (0.2-0.4)	25.3 (15.4-38.3)	0.1 (0.1-0.2)	26.9 (17.2-39.7)	0 (0-0)	2.6 (1.5-4)	0 (0-0.1)	3.2 (1.9-4.8)	0 (0-0.1)	10.5 (6.3-16.3)	58	11	55	8	56	5
Bungoma	2 (0.7-3.7)	46.4 (29.4-69.4)	2.1 (0.9-3.6)	47.7 (29.5-73.4)	1.4 (0.8-2.3)	53 (33.1-79.4)	0.1 (0-0.2)	2 (1.3-3)	0.1 (0.1-0.2)	3.4 (2.1-5.2)	0.1 (0.1-0.2)	4.2 (2.5-6.7)	46	13	43	9	46	7
Busia	3.3 (1.1-6.2)	65.3 (40.3-98.2)	3.3 (1.1-6.1)	65.5 (40.6-99.9)	1.2 (0.4-2.1)	74.2 (47-113)	0.1 (0-0.2)	2.2 (1.4-3.3)	0.2 (0.1-0.3)	3.7 (2.1-5.5)	0.1 (0-0.2)	8.4 (5.1-13.2)	41	14	39	8	41	4
Elgeyo-Marakwet	0.4 (0.3-0.6)	29.1 (17.2-43.4)	0.4 (0.2-0.6)	30.4 (19.1-45.4)	0.5 (0.3-0.9)	31.9 (19.9-47.7)	0 (0-0)	2.2 (1.3-3.5)	0.1 (0-0.1)	4.7 (2.9-7.4)	0.1 (0-0.1)	4.5 (2.6-7.3)	58	11	55	7	55	9
Embu	0.4 (0.3-0.7)	27.3 (16.6-42.2)	0.8 (0.5-1.2)	27.4 (16.9-40.9)	0.5 (0.3-0.7)	29 (18.5-44.4)	0 (0-0.1)	2.2 (1.3-3.5)	0.1 (0-0.1)	2.8 (1.6-4)	0.1 (0-0.1)	4.2 (2.5-7)	59	11	55	8	57	8
Garissa	0.7 (0.4-1.3)	32.8 (19.4-50.2)	0.5 (0.3-0.8)	33.6 (20.3-51.5)	0.2 (0.1-0.4)	35.1 (21.2-55)	0 (0-0.1)	1.9 (1.1-3.3)	0.1 (0-0.1)	3.3 (2-5.3)	0 (0-0.1)	7.4 (4.4-11.7)	56	15	56	8	60	6
Homa Bay	4.3 (1-8.2)	85.6 (53.8-129)	4.1 (0.8-7.8)	86.7 (54.3-130)	2.3 (0.5-4.1)	99.9 (64.2-147)	0.1 (0-0.2)	1.8 (1.1-2.7)	0.2 (0-0.3)	3.8 (2.5-6.2)	0.2 (0.1-0.4)	10.1 (6.2-15.2)	39	13	38	8	37	2
Isiolo	1.6 (0.6-3.1)	44.7 (26.4-68.5)	1.6 (0.7-2.6)	45.7 (27.2-71)	1.2 (0.7-2)	48.5 (28.8-75.4)	0 (0-0.1)	1.2 (0.7-1.9)	0.1 (0-0.1)	1.6 (0.9-2.5)	0.1 (0-0.1)	2 (1.2-3.4)	57	18	55	13	63	13

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
Kajiado	0.7 (0.4-1.1)	28.3 (17-43.7)	0.7 (0.4-1.1)	28.9 (17.2-43.7)	0.5 (0.2-1.2)	30.4 (18.7-46)	0 (0-0.1)	2 (1.2-3.2)	0.1 (0-0.1)	2.9 (1.7-4.5)	0.1 (0-0.1)	4.1 (2.3-7)	52	12	53	8	52	8
Kakamega	2.4 (0.9-4.7)	52.3 (31.2-80.4)	2.6 (1-4.5)	52.6 (33.1-79.5)	0.7 (0.3-1.2)	58.3 (37-84.9)	0.1 (0-0.2)	2 (1.2-2.9)	0.2 (0.1-0.3)	3.3 (2.1-4.8)	0.1 (0.1-0.2)	10.8 (6.5-17.3)	45	14	45	9	46	2
Kericho	0.3 (0.2-0.5)	29.9 (18.4-44.4)	0.6 (0.4-0.9)	30.6 (18.8-46.6)	1.1 (0.7-1.9)	33.2 (20.5-50.4)	0 (0-0)	2.5 (1.6-3.9)	0.1 (0-0.1)	3.3 (2-5.1)	0.1 (0-0.1)	2.1 (1.2-3.4)	56	10	53	8	54	11
Kiambu	0.5 (0.3-0.7)	27.1 (16.7-40.6)	0.7 (0.5-1)	27.8 (17-43)	0.5 (0.1-1)	29.2 (17.8-44.9)	0 (0-0.1)	2.3 (1.5-3.5)	0.1 (0.1-0.1)	3 (1.9-4.6)	0.1 (0-0.1)	4.2 (2.4-6.9)	55	12	52	8	55	7
Kilifi	1.7 (0.7-3)	40.8 (27.2-57.5)	2.2 (0.9-3.8)	41.7 (27.3-59.6)	1.2 (0.5-2.2)	50.2 (34.4-70.2)	0.1 (0-0.1)	1.5 (1-2.1)	0.1 (0.1-0.2)	2.5 (1.7-3.6)	0.1 (0.1-0.2)	5.6 (3.7-8.2)	46	14	44	10	44	7
Kirinyaga	0.5 (0.3-0.9)	28.7 (17.2-43.7)	0.8 (0.5-1.3)	29.6 (17.8-45.2)	0.5 (0.1-0.9)	31.2 (18.8-48)	0 (0-0.1)	2.3 (1.4-3.3)	0.1 (0.1-0.1)	2.8 (1.7-4.2)	0.1 (0-0.1)	4.3 (2.5-7)	56	12	53	8	60	8
Kisii	2 (0.8-3.6)	49.3 (31.3-72.7)	1.8 (0.8-3)	50.3 (30.4-75.5)	1 (0.5-1.8)	55.6 (35.1-81.2)	0.1 (0-0.2)	2.2 (1.5-3.3)	0.2 (0.1-0.2)	4.5 (2.7-6.8)	0.1 (0.1-0.2)	7.7 (4.5-11.7)	45	13	42	7	43	6
Kisumu	2 (0.9-3.5)	116 (73.3-173)	2.2 (1-3.7)	119 (76.4-173)	1.4 (0.7-2.2)	124 (83.1-180)	0.1 (0-0.1)	3.7 (2.4-5.8)	0.1 (0.1-0.2)	7.7 (4.8-11.9)	0.1 (0.1-0.2)	12.9 (8.2-19.4)	45	9	41	7	41	2
Kitui	0.5 (0.3-0.8)	31.4 (19.4-47)	0.5 (0.4-0.8)	32 (19.5-49.4)	0.3 (0.2-0.5)	33.9 (20.9-50.8)	0 (0-0.1)	2.1 (1.3-3.3)	0.1 (0-0.1)	3.4 (2.1-5.4)	0.1 (0-0.1)	6.5 (3.7-10.8)	58	12	56	8	59	6
Kwale	1.7 (0.7-3.3)	53.7 (33.4-83.2)	2 (0.9-3.3)	54.3 (34-80.5)	1.2 (0.6-2.1)	60.1 (37-90.4)	0.1 (0-0.1)	2.4 (1.6-3.5)	0.1 (0.1-0.2)	3.1 (1.9-4.8)	0.1 (0.1-0.2)	5.7 (3.4-8.9)	43	12	39	9	43	6
Laikipia	0.3 (0.2-0.5)	23.8 (14.3-35.9)	0.3 (0.1-0.5)	24.1 (14.7-35.8)	0.2 (0.1-0.5)	25.7 (15.9-38.6)	0 (0-0)	2.4 (1.4-3.7)	0 (0-0.1)	4.2 (2.5-6.4)	0.1 (0-0.1)	7.9 (4.4-12.7)	59	11	54	8	59	5
Lamu	1.1 (0.4-1.8)	36.3 (21.6-57.3)	1.4 (0.7-2.3)	36.9 (21.9-57.1)	0.7 (0.4-1.1)	38.9 (23.1-60.3)	0 (0-0.1)	1.5 (0.9-2.5)	0.1 (0-0.1)	2.1 (1.3-3.4)	0.1 (0-0.1)	3.7 (2.2-5.9)	55	14	52	10	61	10
Machakos	0.4 (0.2-0.6)	27.6 (16.4-42.5)	0.5 (0.3-0.7)	28.3 (16.8-43.8)	0.4 (0.2-0.7)	29.8 (18.2-45.5)	0 (0-0)	2.2 (1.3-3.5)	0.1 (0-0.1)	3.4 (2-5.2)	0.1 (0-0.1)	4 (2.2-6.7)	58	10	55	8	56	8
Makueni	0.2 (0.1-0.4)	29.2 (18.3-43.7)	0.2 (0.2-0.4)	29.4 (17.9-44.7)	0.1 (0-0.2)	31 (19.3-47)	0 (0-0)	2.5 (1.6-3.8)	0 (0-0)	4.2 (2.6-6.5)	0 (0-0.1)	14.9 (8.8-23.8)	61	10	58	8	58	1
Mandera	1 (0.4-1.7)	39.6 (23.7-61.8)	1.1 (0.5-1.7)	39.7 (24.3-61.5)	0.2 (0.1-0.4)	40.8 (24.7-61.6)	0 (0-0.1)	1.9 (1.1-3.2)	0.1 (0-0.1)	2.2 (1.3-3.4)	0.1 (0-0.1)	10 (6-16)	58	15	56	13	59	4
Marsabit	0.6 (0.3-1)	34.6 (20.5-53.7)	0.8 (0.4-1.3)	34.8 (21-52.9)	0.5 (0.3-0.8)	36.2 (21.9-55.5)	0 (0-0.1)	2 (1.2-3.1)	0.1 (0-0.1)	2.2 (1.4-3.2)	0 (0-0.1)	3.3 (2-5.4)	59	12	56	9	64	7
Meru	0.4 (0.2-0.6)	30.8 (18.6-46.8)	1.1 (0.7-1.8)	31.4 (18.5-48.1)	0.8 (0.4-1.2)	33.2 (19.9-50.7)	0 (0-0)	2.3 (1.5-3.5)	0.1 (0-0.1)	2.2 (1.4-3.5)	0.1 (0-0.1)	3.6 (2.1-5.7)	59	11	51	11	57	9
Migori	5.3 (1-10.6)	87.1 (55.2-131)	4.3 (0.9-8.3)	88.6 (55.4-134)	2.4 (0.5-4.4)	103 (66.5-154)	0.1 (0-0.2)	1.8 (1.1-2.7)	0.2 (0-0.4)	3.6 (2.2-5.5)	0.2 (0-0.4)	8.6 (5.7-13.6)	38	14	34	9	36	5
Mombasa	0.5 (0.3-0.8)	38.2 (24.2-56.9)	0.7 (0.5-1.1)	38.5 (24.7-56.8)	0.3 (0.1-0.5)	42.6 (26.8-61.9)	0 (0-0.1)	2.4 (1.5-3.5)	0.1 (0-0.1)	4 (2.4-6)	0.1 (0-0.1)	11.1 (6.8-17.4)	51	10	46	9	49	3
Murang'a	0.3 (0.2-0.5)	25.8 (15.3-39.7)	0.8 (0.5-1)	26.1 (15.9-40.6)	0.3 (0.1-0.7)	27.2 (16.5-40.7)	0 (0-0.1)	2.6 (1.6-4.2)	0.1 (0.1-0.1)	2.7 (1.7-4.3)	0.1 (0-0.1)	5.2 (3-8)	57	12	53	8	56	7
Nairobi	0.6 (0.4-0.9)	28 (16.9-41.9)	0.5 (0.3-0.7)	28.5 (17.5-43)	0.1 (0-0.3)	30.7 (19-45.7)	0 (0-0.1)	2.1 (1.2-3.2)	0.1 (0-0.1)	4.4 (2.6-7)	0.1 (0-0.1)	14.5 (7.6-24.7)	56	11	55	8	61	1
Nakuru	0.3 (0.2-0.5)	25.9 (15.9-39.1)	0.6 (0.4-0.8)	25.8 (15.7-38.5)	0.4 (0.2-0.7)	27.5 (16.9-40.5)	0 (0-0.1)	2.7 (1.7-4.2)	0.1 (0.1-0.1)	3.5 (2-5.3)	0.1 (0-0.1)	4.8 (2.7-7.9)	55	10	53	8	56	8
Nandi	0.3 (0.2-0.5)	29.2 (17.7-44.6)	0.5 (0.3-0.8)	29.6 (18.4-45.5)	0.4 (0.2-0.7)	31.6 (19.5-46.7)	0 (0-0)	2.8 (1.7-4.6)	0.1 (0-0.1)	4 (2.6-6.1)	0.1 (0-0.1)	6.1 (3.8-9.5)	54	10	52	9	54	7
Narok	0.3 (0.1-0.5)	30.9 (19-47.4)	0.3 (0.2-0.5)	30.8 (18.7-46.4)	0.1 (0.1-0.2)	32.8 (20.1-49.8)	0 (0-0)	3 (1.8-4.9)	0 (0-0.1)	4.2 (2.6-6.6)	0.1 (0-0.1)	12.1 (7.3-19.5)	60	12	57	9	59	3
Nyamira	0.4 (0.2-0.6)	32.5 (19.8-48.6)	0.6 (0.4-1.1)	32.7 (20.8-50)	0.3 (0.2-0.6)	35 (21.8-50.9)	0 (0-0.1)	3 (1.9-4.5)	0.1 (0.1-0.1)	4.5 (2.8-6.9)	0.1 (0-0.1)	9.3 (5.7-13.5)	50	10	47	7	50	5
Nyandarua	0.3 (0.1-0.4)	24.7 (14.9-37.6)	0.5 (0.4-0.9)	25 (15.4-37.8)	0.2 (0.1-0.4)	26.4 (16.1-41.2)	0 (0-0)	3 (1.8-4.9)	0.1 (0-0.1)	3 (1.8-4.6)	0.1 (0-0.1)	7.1 (4.1-11.6)	58	11	56	8	62	6
Nyeri	0.2 (0.1-0.4)	25.2 (15.4-38.2)	0.5 (0.3-0.7)	25.5 (15.2-39)	0.3 (0.1-0.5)	26.7 (16.1-41.1)	0 (0-0)	2.9 (1.7-4.6)	0.1 (0-0.1)	3.7 (2.2-5.7)	0.1 (0-0.1)	6.4 (3.7-10.4)	61	10	55	8	59	7
Samburu	0.4 (0.2-0.6)	29 (17.4-43.1)	0.5 (0.3-0.8)	29.5 (17.7-44.6)	0.4 (0.2-0.6)	31 (18.9-47)	0 (0-0)	1.8 (1.1-2.7)	0 (0-0.1)	2.2 (1.3-3.3)	0 (0-0.1)	3.3 (1.9-5.4)	65	16	61	11	65	8
Siaya	5.7 (1.3-11.6)	82.5 (52.5-124)	4.8 (1.2-8.8)	82.9 (51.8-125)	2.5 (0.5-4.9)	95.1 (61.8-140)	0.1 (0-0.3)	1.8 (1.1-2.7)	0.2 (0-0.4)	3.5 (2.1-5.3)	0.2 (0-0.4)	7.5 (4.6-11.4)	37	14	35	8	40	6

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
Taita Taveta	0.7 (0.5-1.1)	34.7 (21.1-52.2)	1.1 (0.7-1.6)	35.3 (20.7-53.6)	0.6 (0.3-1.1)	37.5 (22.4-56.9)	0 (0-0.1)	1.9 (1.3-3)	0.1 (0.1-0.1)	3 (1.7-4.3)	0.1 (0-0.1)	5.7 (3.4-9.7)	52	11	50	9	56	6
Tana River	1 (0.5-1.6)	42.3 (26.2-63.9)	1.1 (0.6-1.8)	43.3 (26.4-66.3)	0.7 (0.4-1.1)	45.8 (28.5-70.6)	0 (0-0.1)	1.8 (1.1-2.8)	0.1 (0-0.1)	2.4 (1.5-3.7)	0.1 (0-0.1)	4.1 (2.3-6.3)	55	15	54	10	55	8
Tharaka Nithi	0.9 (0.4-1.5)	33.5 (20.4-51.3)	0.8 (0.5-1.1)	33.9 (20.1-51.3)	1 (0.5-1.8)	35.7 (21.4-54.3)	0.1 (0-0.1)	2 (1.2-3.3)	0.1 (0.1-0.1)	3.4 (2.1-5.2)	0.1 (0-0.1)	2.5 (1.5-4.1)	56	15	55	7	57	11
Trans Nzoia	0.4 (0.3-0.7)	34.5 (21.2-53.3)	0.8 (0.5-1.1)	34.7 (21.3-52.8)	0.4 (0.2-0.7)	37.7 (23.6-56.9)	0 (0-0.1)	2.9 (1.7-4.3)	0.1 (0.1-0.1)	4.4 (2.7-6.6)	0.1 (0.1-0.1)	8.7 (5.2-13.2)	47	10	50	7	52	3
Turkana	0.4 (0.2-0.6)	37 (22.7-56.6)	0.4 (0.3-0.7)	37.9 (22.6-57)	0.1 (0.1-0.2)	40.4 (25.6-60.3)	0 (0-0)	2 (1.2-3.1)	0 (0-0.1)	3.1 (1.9-4.8)	0 (0-0.1)	9.4 (5.7-14.6)	61	13	62	9	62	4
Uasin Gishu	0.4 (0.2-0.5)	29.3 (18.5-44.4)	0.7 (0.5-1)	29.5 (18.1-44.7)	0.6 (0.4-0.9)	31.8 (20-46.8)	0 (0-0)	2.6 (1.7-4)	0.1 (0.1-0.1)	3.4 (2-5.2)	0.1 (0.1-0.1)	4.7 (2.8-7.3)	54	10	53	8	54	7
Vihiga	1.6 (0.7-2.8)	51.2 (31.4-77.9)	2.2 (1-3.9)	51.9 (32.2-78.8)	0.6 (0.3-1)	56.9 (36.3-84.3)	0.1 (0-0.1)	2.5 (1.5-3.7)	0.2 (0.1-0.3)	3.8 (2.4-5.9)	0.1 (0.1-0.2)	12.1 (7.7-19.6)	41	11	40	9	40	2
Wajir	1.1 (0.5-2.1)	38.4 (23.2-59.9)	0.8 (0.4-1.4)	39.4 (23.4-61.6)	0.4 (0.2-0.6)	40.5 (25.1-63.7)	0 (0-0.1)	1.3 (0.8-2.3)	0 (0-0.1)	2 (1.2-3.1)	0 (0-0)	3.4 (2.1-5.7)	61	15	58	12	66	8
West Pokot	0.8 (0.4-1.6)	39.7 (23.8-62.1)	0.8 (0.4-1.2)	40 (25.1-62)	0.3 (0.2-0.5)	43.1 (26.2-66.1)	0 (0-0.1)	2.2 (1.3-3.2)	0.1 (0-0.1)	3.1 (1.9-4.7)	0.1 (0-0.1)	7 (4.2-11.3)	53	14	52	8	56	6
Madagascar	1.6 (0.5-3.2)	15 (10.2-20.8)	1.4 (0.4-2.5)	15 (10.1-20.6)	0.9 (0.4-1.7)	15 (10-20.4)	0.1 (0-0.1)	0.6 (0.4-0.8)	0.1 (0-0.1)	0.7 (0.5-1)	0.1 (0-0.1)	1.2 (0.7-1.6)	52	20	51	19	57	17
Malawi	1 (0.3-2.1)	3.5 (2.5-4.7)	0.7 (0.3-1.4)	3.6 (2.6-4.8)	0.4 (0.2-0.7)	3.6 (2.5-4.8)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0.1)	0.3 (0.2-0.4)	81	50	79	41	80	32
Mozambique	0.4 (0.1-0.8)	1.3 (1-1.8)	0.3 (0.1-0.6)	1.3 (1-1.8)	0.2 (0.1-0.3)	1.3 (1-1.8)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	96	75	90	66	96	54
Rwanda	0.5 (0.1-1)	1.3 (0.9-1.8)	0.3 (0.1-0.7)	1.3 (0.9-1.8)	0.2 (0.1-0.4)	1.3 (0.9-1.8)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	100	77	96	64	92	47
Somalia	0.1 (0-0.3)	0.5 (0.3-0.7)	0.2 (0-0.4)	0.5 (0.3-0.7)	0.1 (0-0.2)	0.5 (0.3-0.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	116	101	119	104	121	94
South Sudan	0.4 (0.1-0.8)	1.7 (1.2-2.4)	0.3 (0.1-0.7)	1.7 (1.2-2.4)	0.6 (0.2-1.2)	1.7 (1.2-2.4)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	101	64	102	59	103	77
Uganda	1.8 (0.5-3.2)	23 (15.3-32.2)	1.7 (0.7-3.1)	23.4 (15-33.4)	1.1 (0.5-1.9)	23.4 (14.5-33.3)	0.1 (0-0.1)	0.7 (0.5-1)	0.1 (0-0.1)	1.1 (0.7-1.6)	0.1 (0-0.1)	1.8 (1.1-2.7)	52	19	52	19	52	13
United Republic of Tanzania	3.2 (0.8-7)	22 (14-30.1)	3.3 (1-8.3)	22.5 (15.2-31.4)	2.1 (0.7-5.4)	22.9 (15.7-31.8)	0.1 (0-0.2)	0.8 (0.5-1)	0.2 (0.1-0.5)	1.3 (0.8-1.7)	0.2 (0.1-0.6)	2.2 (1.4-3.2)	46	19	45	18	45	12
Zambia	3.6 (1-7)	28.8 (19.3-39.7)	3.1 (1-6)	29 (19.8-39.6)	1.8 (0.6-3.1)	29.5 (20.5-40.7)	0.1 (0-0.2)	0.9 (0.6-1.2)	0.1 (0-0.3)	1.4 (0.9-1.9)	0.2 (0.1-0.3)	3 (1.8-4)	45	19	44	19	45	11
Southern Sub-Saharan Africa	0 (0-0)	0.4 (0.3-0.5)	0.1 (0-0.1)	0.3 (0.3-0.5)	0.1 (0-0.1)	0.4 (0.3-0.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	109	63	107	70	109	73
Botswana	0.1 (0.1-0.1)	1.3 (0.9-1.7)	0.1 (0.1-0.2)	1.3 (0.9-1.7)	0.1 (0-0.2)	1.3 (1-1.7)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	93	38	92	43	98	42
Eswatini	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	117	75	115	76	120	77
Lesotho	0 (0-0)	0.2 (0.2-0.4)	0 (0-0)	0.2 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	67	115	73	118	76
Namibia	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.2 (0.2-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	117	66	119	76	120	69
South Africa	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	122	79	120	79	121	81
Eastern Cape	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	120	85	122	80	128	80
Free State	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	113	77	116	86	117	83
Gauteng	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	78	115	81	118	80
KwaZulu-Natal	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	120	71	119	72	123	78
Limpopo	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	116	72	115	77	119	87

Location	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-5 total SCD mortality rate (per 100,000 population), 2000	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-5 total SCD mortality rate (per 100,000 population), 2010	Under-5 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-5 total SCD mortality rate (per 100,000 population), 2021	Under-5 cause-specific mortality cause fraction, 2000	Under-5 total SCD mortality cause fraction, 2000	Under-5 cause-specific mortality cause fraction, 2010	Under-5 total SCD mortality cause fraction, 2010	Under-5 cause-specific mortality cause fraction, 2021	Under-5 total SCD mortality cause fraction, 2021	Under-5 cause-specific mortality rank 2000	Under-5 total SCD mortality rank 2000	Under-5 cause-specific mortality rank 2010	Under-5 total SCD mortality rank 2010	Under-5 cause-specific mortality rank 2021	Under-5 total SCD mortality rank 2021
Mpumalanga	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	115	74	118	79	117	79
North-West	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	79	115	80	118	77
Northern Cape	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	117	83	117	89	118	80
Western Cape	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	120	87	119	81	122	78
Zimbabwe	0.1 (0.1-0.1)	0.8 (0.6-1)	0.2 (0.1-0.2)	0.7 (0.5-1)	0.2 (0.1-0.3)	0.7 (0.5-1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	87	48	86	52	90	62
Western Sub-Saharan Africa	19.3 (11.4-28.4)	62.1 (46-83.3)	14.9 (9.1-22)	54.9 (40.8-72.3)	12 (6.8-17.1)	54.6 (39.8-72.2)	0.5 (0.3-0.7)	1.5 (1.1-2)	0.5 (0.3-0.7)	1.9 (1.4-2.4)	0.6 (0.4-0.8)	2.7 (1.9-3.6)	22	14	21	12	21	8
Benin	51.1 (16.5-92.1)	93.5 (68.1-127)	37.7 (14.1-66.2)	92.5 (67.9-123)	29.4 (12.6-53.2)	74.2 (53.3-101)	1.6 (0.5-2.8)	2.9 (2.1-3.9)	1.5 (0.5-2.6)	3.6 (2.6-4.7)	1.7 (0.8-2.8)	4.3 (2.9-6.2)	13	9	13	8	11	7
Burkina Faso	55.5 (3.1-246)	87.2 (66.5-115)	37 (1.9-199)	77.7 (58.6-103)	32.1 (1.6-177)	68.2 (50.7-89.8)	1.3 (0.1-5.6)	2 (1.5-2.7)	1.1 (0.1-5.8)	2.4 (1.7-3.1)	1.5 (0.1-8.5)	3.3 (2.3-4.4)	14	12	13	11	13	9
Cabo Verde	1.2 (0.5-2.4)	2.7 (2.1-3.6)	0.5 (0.3-0.8)	2.7 (2.1-3.6)	0.3 (0.1-0.6)	2.7 (2.1-3.5)	0.1 (0.1-0.2)	0.3 (0.2-0.3)	0.1 (0.1-0.2)	0.5 (0.4-0.7)	0.1 (0.1-0.2)	1.2 (0.8-1.6)	46	35	47	24	52	16
Cameroon	10 (1.8-19.6)	23.5 (15.8-32.2)	9.2 (2.1-18.6)	23.8 (16.1-33.6)	6.6 (1.6-12.2)	24.5 (16.8-33.9)	0.3 (0.1-0.7)	0.8 (0.6-1.1)	0.4 (0.1-0.8)	1 (0.7-1.4)	0.4 (0.1-0.7)	1.4 (1-2.1)	28	21	25	18	26	12
Chad	5.8 (1.9-11.5)	9.6 (7.3-12.3)	4.8 (1.2-9.3)	9.6 (7.2-12.2)	3.8 (1.4-6.7)	9.6 (7.1-12.3)	0.1 (0-0.3)	0.2 (0.2-0.3)	0.1 (0-0.3)	0.3 (0.2-0.4)	0.1 (0-0.2)	0.3 (0.2-0.5)	37	34	38	31	36	26
Côte d'Ivoire	6 (3.4-9.8)	36.1 (29-44.3)	4.5 (2.5-7)	36 (29.1-44.4)	3.8 (2.4-5.5)	36 (29.1-44.6)	0.2 (0.1-0.3)	1.2 (0.9-1.5)	0.2 (0.1-0.3)	1.5 (1.2-1.8)	0.2 (0.2-0.3)	2.3 (1.8-3.1)	34	15	35	12	34	10
Gambia	13.6 (2.3-59.6)	19.2 (14.3-25)	9.9 (1.8-49.5)	18.6 (13.9-24.1)	7.8 (1.7-38.8)	18.8 (13.8-24.3)	0.6 (0.1-2.6)	0.8 (0.6-1)	0.6 (0.1-3.3)	1.2 (0.9-1.6)	0.8 (0.2-4.1)	1.8 (1.2-2.4)	21	19	22	15	22	14
Ghana	24.2 (14.9-34.2)	43.7 (34.6-54.6)	17.8 (9.5-26)	43.8 (34.5-55.2)	15.9 (6.6-27.8)	44.1 (34.2-56.6)	1.1 (0.7-1.6)	2 (1.6-2.5)	1.1 (0.6-1.6)	2.7 (2.1-3.3)	1.5 (0.7-2.5)	4.3 (3-6.4)	16	11	15	8	14	6
Guinea	23.8 (2.7-45.3)	59.6 (40.5-81.8)	20.3 (3.2-40.8)	59.4 (40.8-80.5)	13.1 (2.6-23.6)	60.4 (42.1-82.7)	0.5 (0.1-1)	1.4 (0.9-1.9)	0.6 (0.1-1.2)	1.9 (1.3-2.7)	0.7 (0.1-1.2)	3 (2-4.2)	20	13	21	13	21	9
Guinea-Bissau	7.2 (1-32.1)	4 (2.8-5.6)	5.2 (0.8-27.7)	3.9 (2.8-5.8)	2.8 (0.4-15.3)	3.8 (2.8-5.5)	0.2 (0-0.9)	0.1 (0.1-0.1)	0.2 (0-1.1)	0.2 (0.1-0.2)	0.2 (0-1)	0.2 (0.2-0.3)	37	48	39	43	41	38
Liberia	9.4 (2.4-22)	36.8 (28.8-47)	5.2 (1.8-16.5)	36.7 (28.5-47.7)	3.9 (1.2-14.7)	36.8 (29.2-47.6)	0.2 (0.1-0.5)	0.8 (0.6-1)	0.2 (0.1-0.7)	1.7 (1.2-2.2)	0.2 (0.1-0.9)	2.3 (1.6-3.1)	34	19	33	15	32	12
Mali	18.6 (6.1-36.7)	23.9 (18.4-30.6)	13.2 (4.5-23.8)	23.9 (18.2-30.7)	8.9 (3.8-17.4)	24 (18.4-31.2)	0.4 (0.1-0.7)	0.5 (0.4-0.6)	0.4 (0.1-0.7)	0.7 (0.5-0.8)	0.4 (0.2-0.7)	1 (0.7-1.2)	23	20	22	19	25	17
Mauritania	3.4 (1.5-5.8)	6.4 (4.7-8.5)	2.3 (1.1-3.9)	6.3 (4.7-8.4)	1.5 (0.8-2.5)	6.4 (4.7-8.4)	0.2 (0.1-0.3)	0.4 (0.2-0.5)	0.2 (0.1-0.3)	0.5 (0.3-0.6)	0.2 (0.1-0.3)	0.8 (0.5-1.1)	36	28	37	25	40	21
Niger	14.7 (4.2-29.4)	55.9 (43.8-71.9)	7.4 (2.8-12.9)	48.6 (37.7-61.4)	6.6 (2.8-10.2)	48.2 (38.1-61.2)	0.3 (0.1-0.5)	1 (0.8-1.4)	0.3 (0.1-0.4)	1.7 (1.3-2.2)	0.3 (0.1-0.5)	2.2 (1.6-2.9)	27	15	25	13	25	13
Nigeria	17.7 (3.1-33.2)	82.8 (56.8-118)	15.1 (3.5-28.8)	69.1 (48.1-96.6)	12.2 (3-21.3)	70.6 (49.2-98)	0.4 (0.1-0.7)	1.9 (1.3-2.6)	0.4 (0.1-0.8)	2.1 (1.4-2.9)	0.5 (0.2-0.9)	3.1 (2-4.6)	23	11	22	8	21	8
Sao Tome and Principe	6.1 (1.1-10)	27.6 (19.1-38.7)	6.5 (1.2-12.3)	28 (19.6-39.4)	2.8 (0.7-6.1)	27.9 (19.2-38.5)	0.3 (0.1-0.6)	1.6 (1-2.2)	0.7 (0.2-1.2)	3.2 (2.2-4.6)	0.7 (0.2-1.6)	7.3 (4.5-10.7)	28	11	21	9	24	5
Senegal	9 (3-18)	17 (12.5-21.9)	7.3 (2.5-16)	17.1 (12.5-22.5)	4.2 (1.6-11)	17.3 (12.8-22.9)	0.3 (0.1-0.6)	0.6 (0.5-0.8)	0.4 (0.1-1)	1 (0.7-1.4)	0.5 (0.2-1.2)	1.9 (1.4-2.5)	28	19	26	17	29	11
Sierra Leone	27.8 (2.8-56.1)	82.4 (56.3-113)	16.4 (2-32.6)	82.2 (54.8-115)	12.3 (1.9-21.5)	83.5 (55.5-114)	0.5 (0-0.9)	1.4 (0.9-1.8)	0.4 (0.1-0.9)	2.3 (1.5-3.1)	0.5 (0.1-0.9)	3.7 (2.3-5.5)	21	15	20	11	21	8
Togo	38.3 (16.5-63.3)	64.3 (49-82.4)	27.8 (12.1-49.3)	63.4 (47.9-81.5)	20.8 (10.1-39.6)	63.5 (48.1-82.5)	1.4 (0.7-2.3)	2.3 (1.7-3)	1.3 (0.6-2.4)	3 (2.2-3.9)	1.6 (0.8-3.1)	5.1 (3.5-6.8)	14	9	14	9	10	7

Table S18: 5-14 sickle cell disease mortality metrics in 2000, 2010, and 2021

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
Global	0.4 (0.3-0.5)	8.7 (6.1-12.2)	0.4 (0.3-0.5)	10.2 (7.3-14.2)	0.4 (0.3-0.5)	11.2 (8-15.6)	0.4 (0.3-0.5)	9.3 (6.4-13.1)	0.5 (0.4-0.7)	13 (9.3-18)	0.7 (0.5-1)	21.3 (15.3-29.8)	49	1	39	1	32	1
Central Europe, Eastern Europe, and Central Asia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	146	89	146	90	148	80
Central Asia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	153	137	150	133	149	130
Armenia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	152	118	142	119	148	112
Azerbaijan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	139	136	142	132	141	130
Georgia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	154	115	152	119	155	108
Kazakhstan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	155	132	155	126	149	114
Kyrgyzstan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	157	126	153	124	155	122
Mongolia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	144	131	141	131	143	127
Tajikistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	141	125	140	121	140	119
Turkmenistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	155	138	150	131	147	126
Uzbekistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	157	125	156	124	148	122
Central Europe	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.4 (0.2-0.5)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.6 (0.4-0.8)	127	44	128	42	128	33
Albania	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	111	103	111	97	120	79
Bosnia and Herzegovina	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	129	104	132	98	131	97
Bulgaria	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	113	109	110	108	111	98
Croatia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.5)	118	64	119	54	116	47
Czechia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	124	115	124	109	127	106
Hungary	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	124	109	123	103	123	90
Montenegro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	124	99	126	91	126	83
North Macedonia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	123	99	124	95	127	92
Poland	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	1.5 (1-2.3)	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	2 (1.4-2.9)	117	19	118	19	117	14
Romania	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	127	98	124	84	123	81
Serbia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	122	139	116	137	114
Slovakia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	122	92	122	88	126	78
Slovenia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	131	87	130	76	133	62
Eastern Europe	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	150	125	149	115	143	112
Belarus	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	153	109	153	109	152	104
Estonia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	151	110	148	102	147	95

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
Latvia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	150	112	149	109	149	97
Lithuania	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	148	102	147	100	144	96
Republic of Moldova	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	151	115	149	114	146	110
Russian Federation	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	150	122	150	115	142	111
Ukraine	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	138	109	137	108	136	105
High-income	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.6)	0.1 (0.1-0.1)	2.6 (2-3.4)	0.2 (0.2-0.2)	3.7 (2.8-4.8)	0.1 (0.1-0.2)	4.1 (3.1-5.3)	73	10	73	8	74	5
Australasia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.5)	105	59	110	51	115	44
Australia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.3 (0.2-0.4)	104	66	110	64	115	50
New Zealand	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.5 (0.3-0.6)	0 (0-0)	0.6 (0.4-0.9)	121	43	116	40	113	32
High-income Asia Pacific	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	117	105	121	97	120	89
Brunei Darussalam	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	119	107	120	99	111	89
Japan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	115	96	117	89	120	89
Aichi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	112	69	114	67	118	62
Akita	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	119	104	117	104	117	100
Aomori	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	110	104	113	101	115	101
Chiba	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	113	87	115	80	119	79
Ehime	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	113	107	113	102	118	103
Fukui	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	115	108	117	98	116	105
Fukuoka	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	117	107	118	101	121	99
Fukushima	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	115	108	116	103	121	103
Gifu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	114	109	115	104	117	96
Gunma	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	117	103	118	100	120	101
Hiroshima	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	113	108	114	100	119	98
Hokkaidō	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	114	105	116	98	118	94
Hyōgo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	115	96	115	89	120	92
Ibaraki	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	116	88	117	79	116	83
Ishikawa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	106	114	97	121	99
Iwate	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	102	116	101	119	99
Kagawa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	115	107	112	94	122	86

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
Kagoshima	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	116	106	119	105	119	106
Kanagawa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	115	100	113	89	120	96
Kōchi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	116	111	116	103	123	105
Kumamoto	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	118	105	118	96	122	97
Kyōto	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	115	107	115	97	119	103
Mie	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	115	103	113	96	118	98
Miyagi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	117	110	115	97	119	98
Miyazaki	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.2)	120	111	119	108	123	71
Nagano	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	116	108	115	95	117	97
Nagasaki	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	119	108	119	98	123	100
Nara	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	106	113	104	117	103
Niigata	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	115	103	117	99	120	97
Ōita	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	118	104	117	99	120	90
Okayama	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	112	107	114	105	118	103
Okinawa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	120	95	121	91	123	91
Ōsaka	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	114	102	116	93	120	94
Saga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	115	105	120	105	121	101
Saitama	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	107	114	100	118	100
Shiga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	113	105	116	96	119	105
Shimane	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	117	111	117	105	117	102
Shizuoka	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	115	107	115	100	120	98
Tochigi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	113	107	116	101	120	98
Tokushima	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	116	108	115	106	122	98
Tōkyō	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	118	90	118	86	120	84
Tottori	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	117	104	119	104	121	96
Toyama	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	113	107	116	100	117	87
Wakayama	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	106	115	105	122	100
Yamagata	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	104	113	96	117	103
Yamaguchi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	115	105	118	99	122	100

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
Yamanashi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	103	115	98	118	95
Republic of Korea	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	114	99	113	92	113	74
Singapore	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	120	84	120	85	126	78
High-income North America	0.1 (0-0.1)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0.3 (0.3-0.3)	1 (0.8-1.2)	0.3 (0.3-0.3)	1.3 (1-1.6)	0.2 (0.2-0.2)	1.1 (0.9-1.4)	52	26	54	22	59	25
Canada	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	80	86	83	84	85	87
Greenland	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	116	83	120	78	121	76
United States of America	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0.3 (0.3-0.3)	1 (0.8-1.3)	0.3 (0.3-0.3)	1.4 (1.1-1.7)	0.2 (0.2-0.2)	1.2 (0.9-1.5)	50	24	53	21	59	24
Alabama	0.1 (0.1-0.1)	0.5 (0.3-0.6)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.5 (0.4-0.5)	1.9 (1.5-2.4)	0.5 (0.4-0.5)	2.1 (1.7-2.7)	0.3 (0.3-0.4)	2.1 (1.6-2.7)	43	16	46	15	44	13
Alaska	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0.1)	0.4 (0.2-0.5)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.3 (0.2-0.4)	88	46	91	49	93	53
Arizona	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.5 (0.4-0.6)	0.1 (0.1-0.2)	0.7 (0.5-0.8)	0.1 (0.1-0.1)	0.6 (0.5-0.8)	68	42	68	35	77	33
Arkansas	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.3 (0.2-0.3)	0.1 (0-0.1)	0.2 (0.2-0.3)	0.4 (0.3-0.4)	1.1 (0.9-1.5)	0.4 (0.3-0.4)	1.5 (1.1-2)	0.3 (0.2-0.3)	1.2 (0.9-1.5)	48	23	51	20	52	25
California	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.5 (0.4-0.6)	0.2 (0.2-0.3)	0.7 (0.5-0.9)	0.2 (0.1-0.2)	0.6 (0.4-0.7)	55	42	64	35	68	35
Colorado	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	74	52	76	47	84	43
Connecticut	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0.3 (0.2-0.4)	1.4 (1.1-1.7)	0.3 (0.2-0.4)	1.9 (1.5-2.5)	0.3 (0.2-0.3)	1.7 (1.4-2.2)	50	21	60	17	64	18
Delaware	0.1 (0.1-0.1)	0.4 (0.3-0.6)	0.1 (0-0.1)	0.4 (0.3-0.5)	0 (0-0)	0.4 (0.3-0.5)	0.4 (0.3-0.4)	2.4 (1.9-3)	0.3 (0.3-0.4)	3 (2.4-3.8)	0.3 (0.2-0.3)	4 (3.1-5.2)	46	11	49	10	56	7
District of Columbia	0.2 (0.1-0.2)	0.8 (0.6-1.1)	0.1 (0.1-0.1)	0.8 (0.6-1)	0.1 (0.1-0.2)	0.7 (0.5-0.9)	0.8 (0.6-0.9)	4 (3-5.3)	0.7 (0.6-0.9)	5.3 (3.9-7.1)	0.6 (0.5-0.8)	3.2 (2.4-4.2)	33	9	39	3	38	9
Florida	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0-0.1)	0.3 (0.3-0.4)	0 (0-0.1)	0.3 (0.3-0.4)	0.4 (0.4-0.5)	2.1 (1.6-2.6)	0.4 (0.3-0.5)	2.7 (2.1-3.4)	0.3 (0.2-0.3)	2.1 (1.6-2.7)	45	15	48	11	51	15
Georgia	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.5 (0.4-0.6)	2 (1.5-2.5)	0.5 (0.4-0.5)	2.6 (2-3.2)	0.4 (0.3-0.5)	2.1 (1.6-2.7)	41	14	46	12	42	15
Hawaii	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0.2 (0.1-0.3)	0.1 (0.1-0.1)	0.2 (0.1-0.3)	0.1 (0-0.1)	0.1 (0.1-0.3)	82	57	84	59	90	65
Idaho	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	86	75	89	66	93	62
Illinois	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0.1)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0.9 (0.7-1.1)	0.4 (0.3-0.4)	1 (0.8-1.3)	0.3 (0.3-0.4)	0.8 (0.6-1.1)	47	27	50	25	52	32
Indiana	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0.2 (0.2-0.3)	0.8 (0.6-1)	0.3 (0.2-0.3)	1 (0.8-1.2)	0.2 (0.2-0.2)	0.8 (0.6-1)	52	30	59	28	60	33
Iowa	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	0.1 (0.1-0.2)	0.6 (0.5-0.8)	0.1 (0.1-0.1)	0.5 (0.4-0.7)	69	43	70	40	78	43
Kansas	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.6 (0.4-0.8)	0.2 (0.2-0.3)	0.6 (0.5-0.8)	0.2 (0.1-0.2)	0.6 (0.4-0.7)	51	37	58	39	61	37
Kentucky	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0.2 (0.2-0.2)	0.4 (0.3-0.4)	0.2 (0.2-0.2)	0.4 (0.3-0.5)	0.1 (0.1-0.2)	0.4 (0.3-0.5)	59	49	63	45	68	45
Louisiana	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.5 (0.4-0.5)	1.5 (1.1-1.9)	0.5 (0.4-0.5)	1.8 (1.4-2.3)	0.4 (0.3-0.4)	1.4 (1.1-1.8)	42	20	48	19	46	21
Maine	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	0.1 (0-0.1)	0.1 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	82	82	84	83	89	86
Maryland	0.1 (0.1-0.1)	0.4 (0.3-0.6)	0.1 (0-0.1)	0.4 (0.3-0.5)	0 (0-0)	0.4 (0.3-0.5)	0.5 (0.4-0.6)	2.5 (2-3.2)	0.5 (0.4-0.5)	3.4 (2.7-4.3)	0.3 (0.3-0.4)	3.9 (3-5.2)	44	13	47	8	49	8
Massachusetts	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0.2 (0.2-0.3)	1.1 (0.9-1.4)	0.2 (0.2-0.3)	1.5 (1.2-1.9)	0.2 (0.1-0.2)	2 (1.5-2.6)	60	23	65	20	68	15

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
Michigan	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0.3 (0.3-0.4)	1.1 (0.9-1.4)	0.3 (0.3-0.4)	1.4 (1.1-1.8)	0.2 (0.2-0.3)	1.2 (1-1.5)	49	24	51	23	57	25
Minnesota	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0.1 (0.1-0.2)	0.4 (0.3-0.5)	0.1 (0.1-0.2)	0.5 (0.4-0.7)	0.1 (0.1-0.1)	0.5 (0.4-0.7)	69	47	71	44	77	40
Mississippi	0.1 (0.1-0.2)	0.6 (0.5-0.8)	0.1 (0.1-0.1)	0.5 (0.4-0.7)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	0.5 (0.4-0.5)	2.1 (1.7-2.7)	0.5 (0.4-0.5)	2.8 (2.2-3.5)	0.3 (0.3-0.4)	2 (1.5-2.6)	40	14	45	10	43	19
Missouri	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.2)	0.3 (0.2-0.3)	1 (0.7-1.2)	0.3 (0.3-0.4)	1.4 (1.1-1.8)	0.2 (0.2-0.2)	1 (0.8-1.3)	51	26	53	20	56	25
Montana	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	90	97	91	101	91	97
Nebraska	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0.2 (0.1-0.2)	0.3 (0.2-0.5)	0.2 (0.1-0.2)	0.4 (0.3-0.6)	0.1 (0.1-0.2)	0.3 (0.2-0.4)	64	50	67	47	71	51
Nevada	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0.2 (0.2-0.2)	0.9 (0.7-1.2)	0.2 (0.2-0.2)	1.1 (0.8-1.4)	0.1 (0.1-0.2)	1 (0.8-1.3)	60	24	62	23	68	25
New Hampshire	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.3)	0 (0-0.1)	0.2 (0.2-0.3)	83	64	84	66	88	60
New Jersey	0.1 (0-0.1)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0.4 (0.4-0.5)	1.8 (1.4-2.3)	0.4 (0.4-0.5)	2.4 (1.8-3)	0.3 (0.2-0.4)	2.8 (2.3-3.6)	46	20	48	14	54	13
New Mexico	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0 (0-0.1)	0.1 (0.1-0.2)	84	71	85	70	89	76
New York	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0 (0-0.1)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0.4 (0.4-0.5)	1.8 (1.3-2.3)	0.4 (0.4-0.5)	2.1 (1.6-2.8)	0.3 (0.3-0.4)	2.1 (1.6-2.7)	44	19	47	16	48	16
North Carolina	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0-0.1)	0.3 (0.2-0.4)	0 (0-0.1)	0.3 (0.2-0.3)	0.4 (0.4-0.5)	1.5 (1.2-2)	0.4 (0.4-0.5)	2.3 (1.8-2.9)	0.3 (0.2-0.3)	1.7 (1.3-2.2)	46	20	49	13	50	18
North Dakota	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	83	96	84	99	87	102
Ohio	0.1 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0.3 (0.3-0.4)	0.8 (0.6-1.1)	0.3 (0.3-0.4)	1.1 (0.9-1.4)	0.2 (0.2-0.3)	0.9 (0.7-1.1)	51	30	54	27	56	30
Oklahoma	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.5 (0.4-0.7)	0.2 (0.2-0.3)	0.6 (0.4-0.7)	0.2 (0.2-0.2)	0.4 (0.3-0.5)	54	40	62	39	62	43
Oregon	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0 (0-0.1)	0.3 (0.2-0.4)	82	54	83	52	90	52
Pennsylvania	0.1 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0.3 (0.3-0.4)	0.8 (0.7-1)	0.3 (0.2-0.3)	1.1 (0.9-1.4)	0.2 (0.2-0.3)	0.9 (0.7-1.1)	51	29	57	26	62	29
Rhode Island	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.9 (0.7-1.2)	0.2 (0.1-0.2)	1.2 (0.9-1.6)	0.1 (0.1-0.2)	1 (0.7-1.4)	67	27	67	23	76	31
South Carolina	0.1 (0.1-0.2)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.6 (0.5-0.7)	1.9 (1.4-2.4)	0.6 (0.5-0.7)	2.3 (1.8-2.9)	0.4 (0.4-0.5)	1.9 (1.5-2.4)	36	16	38	16	42	16
South Dakota	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0-0.1)	0.1 (0-0.1)	80	85	83	84	86	81
Tennessee	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0 (0-0.1)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0.3 (0.3-0.4)	1 (0.8-1.2)	0.3 (0.3-0.4)	1.5 (1.2-1.9)	0.2 (0.2-0.3)	1.3 (1-1.7)	49	25	52	20	55	20
Texas	0.1 (0-0.1)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0.3 (0.2-0.3)	0.9 (0.7-1.1)	0.3 (0.2-0.3)	1.3 (1-1.6)	0.2 (0.2-0.2)	1.1 (0.8-1.4)	51	27	56	21	59	24
Utah	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0-0.1)	0.2 (0.1-0.3)	82	67	86	66	87	61
Vermont	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	0.2 (0.1-0.3)	0 (0-0.1)	0.2 (0.1-0.4)	0 (0-0)	0.2 (0.1-0.4)	85	66	88	61	92	60
Virginia	0.1 (0.1-0.1)	0.3 (0.2-0.3)	0 (0-0.1)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0.4 (0.3-0.5)	1.6 (1.3-2.1)	0.4 (0.3-0.5)	2.2 (1.7-2.8)	0.3 (0.2-0.3)	1.8 (1.3-2.2)	47	20	49	15	50	19
Washington	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.5 (0.4-0.7)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	78	45	77	42	80	37
West Virginia	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.2 (0.1-0.3)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	69	68	68	62	74	64
Wisconsin	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.7 (0.5-0.8)	0.2 (0.2-0.3)	0.9 (0.7-1.1)	0.2 (0.1-0.2)	0.8 (0.6-0.9)	56	36	59	32	64	33
Wyoming	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0.1 (0-0.2)	0.1 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0-0.2)	83	77	84	69	90	72

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
Southern Latin America	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	147	96	151	90	143	84
Argentina	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	143	115	149	108	144	98
Chile	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.3)	149	82	151	69	150	66
Uruguay	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	120	100	136	100	120	97
Western Europe	0 (0-0)	1 (0.7-1.4)	0 (0-0)	1 (0.8-1.4)	0 (0-0)	1 (0.7-1.3)	0.1 (0.1-0.1)	7.3 (5.5-9.7)	0.1 (0.1-0.2)	10.8 (8.1-14.3)	0.2 (0.1-0.2)	12.6 (9.5-16.6)	84	3	75	1	76	1
Andorra	0 (0-0.1)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0.3 (0.1-0.6)	5.3 (3.7-7.8)	0.3 (0.1-0.5)	6.8 (4.8-9.9)	0.2 (0.1-0.4)	8.9 (5.9-12.8)	39	6	43	4	48	2
Austria	0 (0-0)	0.6 (0.5-0.7)	0 (0-0)	0.6 (0.5-0.8)	0 (0-0)	0.9 (0.7-1.1)	0 (0-0.1)	4.3 (3.5-5.4)	0.1 (0.1-0.1)	6.7 (5.5-8.1)	0.1 (0.1-0.1)	15.3 (12.2-19)	90	7	80	3	81	1
Belgium	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0.1 (0.1-0.1)	3.5 (2.4-5)	0.2 (0.1-0.2)	4.9 (3.4-7.1)	0.2 (0.1-0.2)	5 (3.6-7.1)	74	7	69	4	65	4
Cyprus	0.1 (0-0.1)	1.1 (0.8-1.5)	0 (0-0.1)	1.1 (0.8-1.5)	0 (0-0)	1.2 (0.8-1.6)	0.4 (0.1-0.6)	5.5 (4-7.3)	0.3 (0.2-0.5)	10.3 (7.4-13.7)	0.3 (0.1-0.6)	15.8 (11.2-21.7)	49	5	49	2	52	1
Denmark	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	5.1 (3.5-7.2)	0 (0-0)	9.4 (6.6-13.5)	0 (0-0)	9.9 (6.9-14)	109	6	102	2	106	2
Finland	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	5.2 (3.6-7.2)	0 (0-0)	7.2 (4.9-10.5)	0 (0-0)	7.7 (5.5-10.7)	102	5	99	3	96	2
France	0 (0-0)	1.9 (1.4-2.6)	0 (0-0)	1.9 (1.4-2.6)	0 (0-0)	1.7 (1.2-2.3)	0.2 (0.1-0.2)	13.7 (10.2-18.3)	0.3 (0.2-0.3)	21 (15.6-27.9)	0.3 (0.2-0.4)	23.2 (17.1-30.9)	67	1	54	1	52	1
Germany	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0.1)	3.3 (2.5-4.3)	0.1 (0.1-0.1)	4.6 (3.4-6)	0.1 (0.1-0.1)	5.8 (4.4-7.6)	90	10	79	5	76	3
Greece	0 (0-0)	3 (2.1-4.2)	0 (0-0)	2.9 (2-4)	0 (0-0)	2.9 (2-4)	0.1 (0.1-0.1)	23 (16.6-31.7)	0.2 (0.1-0.2)	25.1 (17.8-34.8)	0.2 (0.1-0.3)	35.6 (25.5-46.9)	64	1	60	1	57	1
Iceland	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0.1 (0-0.1)	5.1 (3.2-8)	0.1 (0.1-0.1)	5.4 (3.7-8.4)	0.2 (0.1-0.2)	6.7 (4.2-10.1)	82	4	75	3	59	2
Ireland	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0.1 (0-0.1)	3.8 (2.6-5.6)	0.1 (0.1-0.1)	6.8 (4.6-10.2)	0.1 (0.1-0.2)	12.3 (8.2-17.8)	84	10	72	2	67	2
Israel	0 (0-0)	1.7 (1.2-2.5)	0 (0-0)	1.5 (1.1-2.2)	0 (0-0)	1.3 (0.9-1.9)	0.1 (0.1-0.1)	11.3 (8-16.2)	0.2 (0.1-0.2)	13.4 (9.4-19.3)	0.2 (0.1-0.2)	14.3 (10.2-21.1)	73	1	66	1	65	2
Italy	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.8 (0.6-1.1)	0.1 (0-0.1)	5.4 (4.1-7.1)	0.1 (0.1-0.1)	8.7 (6.7-11.3)	0.1 (0.1-0.1)	12 (9.2-15.3)	86	5	79	2	84	1
Abruzzo	0 (0-0)	0.4 (0.2-0.6)	0 (0-0)	0.4 (0.3-0.7)	0 (0-0)	0.4 (0.3-0.7)	0 (0-0.1)	2.6 (1.6-4.1)	0.1 (0.1-0.1)	4 (2.4-6.5)	0.1 (0-0.1)	6.1 (3.8-9.5)	86	10	75	8	87	4
Basilicata	0 (0-0)	0.2 (0.1-0.4)	0 (0-0)	0.3 (0.2-0.6)	0 (0-0)	0.3 (0.2-0.6)	0 (0-0)	1.6 (0.9-2.9)	0.1 (0.1-0.1)	2.8 (1.5-4.8)	0 (0-0.1)	26.8 (14.9-50)	94	17	79	9	92	1
Calabria	0 (0-0)	0.9 (0.7-1.2)	0 (0-0)	0.9 (0.7-1.3)	0 (0-0)	0.9 (0.7-1.3)	0.1 (0-0.1)	6.1 (4.3-8)	0.1 (0.1-0.2)	8 (5.8-10.7)	0.1 (0.1-0.1)	17 (12.9-22.7)	83	4	74	3	80	1
Campania	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0.1)	2.4 (1.8-3.2)	0.1 (0.1-0.1)	3.6 (2.8-4.8)	0 (0-0.1)	5.9 (4.4-7.9)	93	11	79	8	89	4
Emilia-Romagna	0 (0-0)	2 (1.5-2.6)	0 (0-0)	2.2 (1.7-2.8)	0 (0-0)	2.2 (1.7-2.8)	0.1 (0-0.1)	14.1 (10.7-18.5)	0.1 (0.1-0.1)	21.7 (17.2-27.2)	0.1 (0-0.1)	29.4 (23-37.6)	87	1	75	1	80	1
Friuli-Venezia Giulia	0 (0-0)	1.6 (1.1-2.2)	0 (0-0)	1.6 (1.2-2.2)	0 (0-0)	1.6 (1.2-2.2)	0 (0-0.1)	13.4 (9.7-17.9)	0.1 (0.1-0.1)	18.4 (13.4-24.6)	0.1 (0-0.1)	21.7 (15.8-28.5)	87	1	78	1	83	1
Lazio	0 (0-0)	0.5 (0.4-0.6)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0.1)	3.4 (2.5-4.4)	0.1 (0.1-0.1)	6.3 (4.7-8.4)	0.1 (0-0.1)	8.2 (6.1-10.6)	88	9	78	3	88	3
Liguria	0 (0-0)	1.2 (0.9-1.6)	0 (0-0)	1.3 (1-1.7)	0 (0-0)	1.3 (1-1.7)	0.1 (0.1-0.1)	8.4 (6.3-11.2)	0.1 (0.1-0.2)	16.4 (12.4-21.6)	0.1 (0-0.1)	23.3 (18.1-30.3)	81	1	75	1	79	1
Lombardia	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	4.1 (2.9-5.4)	0.1 (0.1-0.1)	6.6 (4.8-8.6)	0 (0-0.1)	9.1 (6.6-12)	90	5	80	3	90	2
Marche	0 (0-0)	1.2 (0.8-1.6)	0 (0-0)	1.3 (0.9-1.7)	0 (0-0)	1.3 (0.9-1.7)	0.1 (0-0.1)	9.6 (6.8-13.5)	0.1 (0.1-0.1)	15.4 (11-20.6)	0.1 (0.1-0.1)	18.2 (13.7-24.3)	81	2	72	1	81	1
Molise	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	2.8 (1.5-4.7)	0.1 (0-0.1)	6.1 (3.4-10.9)	0 (0-0.1)	7.9 (4.3-13.7)	94	10	84	4	86	4

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
Piemonte	0 (0-0)	1 (0.7-1.3)	0 (0-0)	1.1 (0.8-1.4)	0 (0-0)	1.1 (0.8-1.4)	0 (0-0)	6.8 (5.1-8.9)	0.1 (0.1-0.1)	10.5 (8.2-13.6)	0 (0-0.1)	16.9 (12.9-21.3)	93	5	84	1	92	1
Provincia autonoma di Bolzano	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	4.5 (2.6-7.1)	0.1 (0-0.1)	5.3 (3.2-8.5)	0 (0-0)	12.8 (7.4-20.6)	94	6	89	5	92	1
Provincia autonoma di Trento	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0.1)	6.7 (4.1-10.4)	0.1 (0-0.1)	6.2 (3.9-9.8)	0 (0-0.1)	6.4 (4-9.7)	90	5	83	3	90	3
Puglia	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	2.5 (1.6-3.5)	0.1 (0.1-0.1)	3.8 (2.6-5.3)	0 (0-0.1)	4.9 (3.4-7)	94	11	79	7	93	5
Sardegna	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.4 (0.2-0.6)	0 (0-0)	0.4 (0.2-0.6)	0 (0-0)	2.2 (1.3-3.5)	0.1 (0-0.1)	3.5 (2-5.6)	0 (0-0)	5.2 (3.2-8.3)	94	14	88	10	94	4
Sicilia	0 (0-0)	1.1 (0.9-1.4)	0 (0-0)	1 (0.8-1.4)	0 (0-0)	1 (0.8-1.3)	0.1 (0.1-0.1)	7.2 (5.6-9.5)	0.2 (0.2-0.3)	10.8 (8.5-13.6)	0.2 (0.1-0.2)	13.1 (10-16.9)	73	4	62	1	72	1
Toscana	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0.1)	5.6 (3.9-7.9)	0.1 (0.1-0.1)	8.4 (6-11.7)	0.1 (0-0.1)	8.9 (6.3-11.9)	88	5	79	2	89	2
Umbria	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	1 (0.7-1.4)	0 (0-0)	1 (0.7-1.4)	0.1 (0.1-0.1)	6.4 (4.6-9.1)	0.2 (0.2-0.2)	10.6 (7.5-14.8)	0.1 (0.1-0.2)	7.9 (5.3-10.8)	75	5	62	2	70	3
Valle d'Aosta	0 (0-0)	0.5 (0.3-1)	0 (0-0)	0.5 (0.2-0.9)	0 (0-0)	0.5 (0.2-0.9)	0 (0-0)	2.4 (1.2-4.4)	0.1 (0-0.1)	3.8 (1.9-7.2)	0 (0-0)	5.9 (3.1-11.1)	98	7	89	8	94	4
Veneto	0 (0-0)	0.9 (0.7-1.2)	0 (0-0)	1 (0.8-1.3)	0 (0-0)	1 (0.8-1.3)	0 (0-0.1)	8.1 (6.1-10.4)	0.1 (0.1-0.1)	12 (9.3-15.4)	0 (0-0.1)	12.2 (9.7-15.4)	89	3	77	1	91	1
Luxembourg	0 (0-0)	1.3 (1-1.8)	0 (0-0)	1.3 (1-1.8)	0 (0-0)	1.3 (0.9-1.7)	0.1 (0-0.1)	13.7 (10.3-18.2)	0.1 (0.1-0.1)	22.7 (16.8-31.3)	0.1 (0.1-0.2)	21.8 (15.9-28.6)	79	1	73	1	68	1
Malta	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0.1)	5.5 (3.9-7.5)	0.1 (0.1-0.1)	6.8 (4.8-9.5)	0.1 (0-0.1)	4 (2.7-5.5)	84	4	80	3	84	7
Monaco	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0.2 (0-0.3)	4.9 (3.3-7.3)	0.1 (0.1-0.2)	6.3 (4.4-9.4)	0.1 (0-0.2)	7.7 (4.7-10.9)	58	7	59	5	64	3
Netherlands	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.6 (0.4-0.8)	0.2 (0.2-0.3)	0.9 (0.6-1.2)	0.2 (0.2-0.3)	1 (0.7-1.4)	68	38	62	29	63	26
Norway	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	5.9 (3.4-9.6)	0 (0-0)	7.2 (4.1-12)	0 (0-0)	9.7 (5.7-15.4)	105	3	104	2	108	3
Agder	0 (0-0)	0.8 (0.4-1.4)	0 (0-0)	0.7 (0.4-1.3)	0 (0-0)	0.8 (0.4-1.2)	0 (0-0)	5.7 (3.2-9.8)	0 (0-0)	7 (4-11.6)	0 (0-0)	9.9 (5.7-16.5)	119	3	119	2	123	2
Innlandet	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	5.2 (3.1-8.3)	0 (0-0)	7 (4-11.7)	0 (0-0)	9.2 (5.3-15.4)	113	6	112	3	117	3
Møre og Romsdal	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	6.2 (3.5-9.8)	0 (0-0)	7.4 (4.3-12)	0 (0-0)	8.9 (5-14.8)	113	3	113	2	114	2
Nordland	0 (0-0)	0.8 (0.4-1.3)	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	6.4 (3.6-10.6)	0 (0-0)	5.9 (3.5-10)	0 (0-0)	7.8 (4.5-13.1)	109	3	108	4	113	3
Oslo	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	5.3 (3-8.5)	0 (0-0)	8.4 (4.9-13.1)	0 (0-0)	12.7 (7.1-21.2)	116	4	119	2	119	1
Rogaland	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	5.9 (3.3-9.7)	0 (0-0)	6.8 (4-11.2)	0 (0-0)	9.9 (5.7-15.8)	89	3	88	3	91	3
Troms og Finnmark	0 (0-0)	0.8 (0.4-1.3)	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	5.7 (3.3-9.2)	0 (0-0)	6.6 (3.8-10.9)	0 (0-0)	7.4 (4.1-11.8)	106	3	110	3	112	3
Trøndelag	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	6.5 (3.8-10.9)	0 (0-0)	7.7 (4.3-13.1)	0 (0-0)	10.9 (6.1-17.9)	112	3	116	2	118	2
Vestfold og Telemark	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	5.3 (3-8.7)	0 (0-0)	6.6 (3.8-10.8)	0 (0-0)	10.2 (6-16.8)	92	7	88	4	93	3
Vestland	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	6.6 (3.8-10.7)	0 (0-0)	7.4 (4.2-12.3)	0 (0-0)	8.4 (4.4-13.3)	112	3	111	2	115	3
Viken	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	6 (3.4-9.9)	0 (0-0)	7.3 (4.1-12.1)	0 (0-0)	10.1 (5.8-16.1)	112	3	112	3	119	3
Portugal	0 (0-0)	3.2 (2.2-4.6)	0 (0-0)	3.1 (2-4.4)	0 (0-0)	3.1 (2-4.4)	0.1 (0.1-0.2)	14 (9.5-19.7)	0.2 (0.2-0.3)	25.6 (17-35.7)	0.3 (0.2-0.3)	31.3 (21.3-43.6)	70	2	62	1	59	1
San Marino	0 (0-0.1)	0.5 (0.4-0.8)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	0.5 (0.4-0.8)	0.3 (0.1-0.6)	4.6 (3.1-6.8)	0.3 (0.1-0.5)	6.7 (4.6-9.8)	0.3 (0.1-0.6)	8 (5.3-11.9)	47	6	50	3	49	3
Spain	0 (0-0)	1 (0.7-1.4)	0 (0-0)	1 (0.8-1.4)	0 (0-0)	1 (0.8-1.4)	0.1 (0-0.1)	6.6 (4.8-8.6)	0.1 (0.1-0.1)	10.7 (7.9-14)	0.1 (0.1-0.2)	13.1 (9.6-17.8)	88	5	78	1	74	2

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
Sweden	0 (0-0)	0.7 (0.4-1)	0 (0-0)	0.7 (0.4-1)	0 (0-0)	0.7 (0.5-1.1)	0 (0-0)	5.9 (3.8-8.6)	0 (0-0)	7.9 (5.1-11.7)	0 (0-0.1)	11.6 (7.9-16.7)	98	4	97	2	84	2
Stockholm	0 (0-0)	0.7 (0.4-1)	0 (0-0)	0.7 (0.4-1)	0 (0-0)	0.7 (0.5-1.1)	0 (0-0)	5.2 (3.3-7.8)	0 (0-0)	7.8 (4.9-11.5)	0.1 (0-0.1)	12.2 (8.2-17.5)	95	4	94	2	82	2
Sweden except Stockholm	0 (0-0)	0.7 (0.4-1)	0 (0-0)	0.7 (0.4-1)	0 (0-0)	0.7 (0.5-1.1)	0 (0-0)	6.1 (4-8.9)	0 (0-0)	7.9 (5.2-11.8)	0 (0-0.1)	11.5 (7.6-16.8)	97	4	98	2	84	2
Switzerland	0 (0-0)	0.9 (0.7-1.3)	0 (0-0)	0.9 (0.7-1.3)	0 (0-0)	1 (0.7-1.3)	0 (0-0)	7 (5.2-9.4)	0.1 (0.1-0.1)	11.2 (8.4-14.8)	0.1 (0.1-0.1)	13.4 (10-17.6)	90	1	80	1	78	1
United Kingdom	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0.1 (0.1-0.1)	5.6 (4.1-7.7)	0.2 (0.2-0.2)	7.8 (5.6-10.5)	0.1 (0.1-0.2)	8.2 (6-11.1)	67	3	66	2	68	2
England	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.8 (0.6-1)	0.1 (0.1-0.1)	5.9 (4.3-8)	0.2 (0.2-0.2)	8.1 (5.8-10.8)	0.1 (0.1-0.2)	8.5 (6.2-11.4)	70	3	67	2	68	2
East Midlands	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.7 (0.5-1)	0.1 (0.1-0.1)	5.3 (3.7-7.5)	0.1 (0.1-0.1)	6.3 (4.5-8.8)	0.1 (0-0.1)	7.3 (5.1-10.3)	86	5	82	3	80	3
Derby	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0.1 (0.1-0.1)	4.2 (2.9-5.9)	0.1 (0.1-0.1)	6.5 (4.6-9.3)	0.1 (0.1-0.1)	10.9 (7.3-15.1)	71	7	70	3	78	1
Derbyshire	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0.1)	5.6 (3.5-8.6)	0.1 (0-0.1)	4.9 (3.2-7.5)	0 (0-0.1)	4 (2.5-6)	89	4	83	4	84	7
Leicester	0 (0-0)	0.9 (0.7-1.3)	0 (0-0)	0.9 (0.7-1.3)	0 (0-0)	0.9 (0.7-1.3)	0.1 (0.1-0.1)	6.3 (4.4-8.6)	0.1 (0.1-0.1)	5.6 (4.1-7.7)	0.2 (0.1-0.2)	7.7 (5.4-10.8)	74	2	76	3	66	1
Leicestershire	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	4.9 (3.2-7.7)	0 (0-0)	4.7 (3-7)	0 (0-0)	3.9 (2.5-5.8)	102	5	94	5	93	6
Lincolnshire	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	3.5 (2.2-5.7)	0 (0-0)	5.2 (3.4-8)	0 (0-0)	3.7 (2.1-6.1)	105	9	99	4	95	7
Northamptonshire	0 (0-0)	0.9 (0.6-1.2)	0 (0-0)	0.9 (0.6-1.2)	0 (0-0)	0.9 (0.6-1.2)	0.1 (0.1-0.1)	6.6 (4.7-9)	0.1 (0.1-0.2)	10.3 (7.2-14)	0.1 (0-0.1)	33.8 (18.5-54.9)	73	4	69	2	72	1
Nottingham	0 (0-0)	1.3 (0.9-1.8)	0 (0-0)	1.2 (0.9-1.8)	0 (0-0)	1.3 (0.9-1.8)	0.1 (0-0.1)	6.8 (4.8-9.4)	0.1 (0.1-0.1)	9.8 (7.1-13.8)	0.1 (0.1-0.1)	16.3 (11.4-23.6)	86	2	85	1	77	1
Nottinghamshire	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	5 (3.2-7.8)	0 (0-0.1)	5.8 (3.8-8.6)	0 (0-0.1)	10.1 (6.2-15.3)	91	5	90	3	87	1
Rutland	0 (0-0)	0.4 (0.3-0.7)	0 (0-0)	0.4 (0.3-0.7)	0 (0-0)	0.4 (0.3-0.7)	0.2 (0.1-0.2)	5.3 (3.4-8.1)	0.4 (0.3-0.5)	7 (4.4-10.6)	0.1 (0.1-0.2)	2.2 (1.4-3.4)	55	4	46	3	65	14
East of England	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0.1 (0.1-0.1)	6.7 (4.7-9.4)	0.1 (0.1-0.1)	8 (5.7-10.9)	0.1 (0.1-0.2)	8.2 (5.7-11.8)	74	3	71	2	68	2
Bedford	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	0.9 (0.6-1.3)	0.1 (0.1-0.1)	6.4 (4.4-8.9)	0.1 (0.1-0.2)	11.3 (7.9-15.9)	0.1 (0.1-0.1)	42 (24.4-60.4)	81	3	66	2	69	1
Cambridgeshire	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0.1 (0-0.1)	5.9 (3.9-9)	0.1 (0.1-0.1)	8.4 (5.7-12.1)	0.1 (0-0.1)	9.6 (3.6-18.2)	82	5	74	2	75	2
Central Bedfordshire	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0.1 (0.1-0.1)	5.3 (3.5-8.2)	0.1 (0.1-0.1)	5.5 (3.6-8.3)	0.1 (0-0.1)	26.1 (15.4-40.6)	79	5	79	3	79	1
Essex	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0.1 (0.1-0.1)	6.7 (4.6-9.3)	0.1 (0.1-0.1)	8.4 (5.7-12)	0.1 (0.1-0.2)	5.3 (3.6-7.4)	72	3	71	2	68	5
Hertfordshire	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0.1 (0.1-0.2)	8.3 (5.7-12.1)	0.1 (0.1-0.2)	7.7 (5.4-10.5)	0.2 (0.1-0.2)	18.5 (12.8-26.3)	68	2	66	2	63	1
Luton	0 (0-0)	0.8 (0.6-1.2)	0 (0-0.1)	0.8 (0.6-1.2)	0.1 (0.1-0.1)	0.8 (0.6-1.2)	0.2 (0.2-0.3)	5.2 (3.6-7)	0.3 (0.3-0.4)	6.4 (4.4-9)	0.3 (0.2-0.3)	3.7 (2.6-5.2)	58	4	53	3	52	8
Norfolk	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	5.2 (3.6-7.4)	0 (0-0)	6.9 (4.6-9.9)	0 (0-0)	14.1 (9-20.5)	102	5	98	2	96	1
Peterborough	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	3.9 (2.8-5.7)	0 (0-0)	4.4 (3-6.4)	0.1 (0-0.1)	5.8 (3.9-8.7)	95	9	93	5	77	4
Southend-on-Sea	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.8)	0.1 (0.1-0.1)	5.1 (3.3-8)	0.2 (0.1-0.2)	5.7 (3.8-8.4)	0.1 (0-0.1)	17 (9.4-27.9)	70	4	67	4	75	2
Suffolk	0 (0-0)	1 (0.7-1.4)	0 (0-0)	0.9 (0.7-1.4)	0 (0-0)	0.8 (0.5-1.1)	0.1 (0.1-0.1)	9.5 (6.5-13.3)	0.1 (0.1-0.1)	12.3 (8.8-17.4)	0.1 (0.1-0.1)	9 (6.5-12.7)	77	1	73	1	73	2
Thurrock	0 (0-0)	1 (0.7-1.4)	0 (0-0)	1 (0.7-1.4)	0.1 (0-0.1)	1 (0.7-1.4)	0.3 (0.2-0.4)	10.4 (7.5-14.9)	0.3 (0.2-0.4)	7.5 (5.3-10.7)	0.3 (0.2-0.5)	5.4 (3.8-7.6)	48	1	56	3	46	4
Greater London	0.1 (0-0.1)	1.4 (1-1.9)	0 (0-0)	1.4 (1-1.9)	0 (0-0)	1.4 (1-1.9)	0.4 (0.4-0.4)	10.7 (7.8-14.5)	0.4 (0.4-0.4)	14.5 (10.9-19.7)	0.3 (0.3-0.4)	15.7 (11.9-20.9)	44	1	44	1	47	1

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
Barking and Dagenham	0.1 (0-0.1)	1.7 (1.3-2.4)	0.1 (0-0.1)	1.7 (1.2-2.4)	0 (0-0)	1.6 (1.2-2.2)	0.4 (0.3-0.4)	11.5 (8.3-15.4)	0.5 (0.4-0.5)	14.5 (10.6-20.3)	0.3 (0.2-0.5)	19 (13.6-27.5)	44	1	44	1	44	2
Barnet	0 (0-0)	1.2 (0.9-1.7)	0 (0-0)	1.2 (0.9-1.7)	0 (0-0)	1.2 (0.9-1.6)	0.3 (0.2-0.3)	12.9 (9.4-17.9)	0.3 (0.3-0.4)	15 (11-20.4)	0.3 (0.2-0.3)	29.1 (20.9-39.6)	48	1	50	1	51	1
Bexley	0 (0-0)	0.9 (0.7-1.3)	0 (0-0)	0.9 (0.7-1.3)	0 (0-0)	0.9 (0.6-1.2)	0.3 (0.2-0.3)	10 (6.8-13.8)	0.3 (0.2-0.3)	11.2 (8-15.7)	0.2 (0.2-0.3)	51.2 (35.9-71.9)	53	1	59	2	59	1
Brent	0 (0-0.1)	1.2 (0.9-1.6)	0.1 (0-0.1)	1.2 (0.9-1.7)	0 (0-0)	1.2 (0.9-1.6)	0.4 (0.3-0.4)	9.5 (7-12.6)	0.4 (0.4-0.5)	10.8 (8.1-14.6)	0.4 (0.3-0.5)	13.2 (9.8-18)	44	1	43	1	43	1
Bromley	0 (0-0)	0.7 (0.5-1.1)	0 (0-0)	0.7 (0.5-1.1)	0 (0-0)	0.8 (0.5-1.1)	0.2 (0.1-0.2)	7.2 (5-10.1)	0.2 (0.2-0.2)	10.5 (7.2-14.9)	0.2 (0.2-0.3)	8 (5.5-11.4)	63	3	63	2	57	2
Camden	0 (0-0)	1.4 (1-1.9)	0 (0-0)	1.4 (1-1.9)	0.2 (0-0.3)	1.1 (0.8-1.6)	0.2 (0.2-0.3)	11.2 (8-15.8)	0.3 (0.3-0.4)	18.7 (13.7-25.8)	0.3 (0.2-0.4)	2.9 (1-28.1)	56	1	53	1	55	11
Croydon	0.1 (0-0.1)	1.4 (1-1.9)	0 (0-0.1)	1.4 (1-1.9)	0 (0-0)	1.4 (1-1.9)	0.4 (0.4-0.5)	10.7 (7.8-14.4)	0.5 (0.4-0.5)	13.7 (10.4-18.4)	0.4 (0.3-0.4)	14.4 (10.6-19.4)	45	1	44	1	48	1
Ealing	0.1 (0-0.1)	1 (0.7-1.4)	0.1 (0-0.1)	1 (0.7-1.4)	0 (0-0)	0.9 (0.7-1.3)	0.3 (0.3-0.4)	6.5 (4.7-8.9)	0.4 (0.4-0.5)	8.7 (6.4-11.8)	0.3 (0.3-0.4)	9.8 (7.1-13.5)	46	3	43	2	45	1
Enfield	0 (0-0.1)	2.6 (1.8-3.5)	0 (0-0.1)	2.6 (1.9-3.7)	0 (0-0)	2.3 (1.6-3.3)	0.4 (0.3-0.4)	19.2 (13.7-25.8)	0.5 (0.4-0.6)	27.2 (19.8-38.7)	0.5 (0.4-0.6)	109 (74.8-156)	43	1	38	1	37	1
Greenwich	0.1 (0.1-0.1)	1.6 (1.1-2.2)	0.1 (0-0.1)	1.6 (1.2-2.2)	0 (0-0)	1.5 (1.1-2.1)	0.4 (0.3-0.4)	8.9 (6.4-11.9)	0.5 (0.4-0.5)	14.1 (10.4-19.2)	0.3 (0.3-0.4)	28.4 (20.3-39.2)	43	2	43	1	51	1
Hackney	0.1 (0.1-0.2)	3.4 (2.4-4.9)	0.1 (0.1-0.1)	3.5 (2.5-4.9)	0 (0-0)	3.2 (2.3-4.6)	0.8 (0.7-0.9)	19.7 (13.8-27.8)	0.8 (0.7-0.9)	28.1 (19.8-38.9)	0.1 (0.1-0.2)	81 (36-186)	30	1	33	1	33	1
Hammersmith and Fulham	0.1 (0.1-0.1)	1.2 (0.9-1.7)	0 (0-0)	1.2 (0.9-1.8)	0 (0-0)	1.1 (0.8-1.5)	0.6 (0.5-0.7)	9.9 (7.1-14)	0.4 (0.4-0.5)	16.8 (12.1-23.7)	0.2 (0.2-0.3)	59.3 (34.7-85.7)	39	1	41	1	43	1
Haringey	0.1 (0.1-0.1)	3.4 (2.4-4.8)	0.1 (0-0.1)	3.5 (2.5-4.9)	0.1 (0.1-0.1)	3.2 (2.2-4.6)	0.6 (0.5-0.7)	24.7 (17.4-35.1)	0.6 (0.5-0.8)	41.1 (30.4-58.4)	0.6 (0.5-0.7)	30.2 (21.4-42.6)	34	1	36	1	37	1
Harrow	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	0.5 (0.4-0.8)	0.2 (0.2-0.2)	4.6 (3.2-6.7)	0.3 (0.3-0.3)	6.5 (4.5-9.4)	0.2 (0.2-0.3)	8.9 (5.8-13)	60	4	53	3	59	2
Havering	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0.1 (0.1-0.1)	6.6 (4.2-9.8)	0.1 (0.1-0.2)	8.8 (6-13)	0.1 (0.1-0.2)	3.4 (2.2-4.9)	71	3	69	2	69	11
Hillingdon	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.4-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0.1)	6.5 (4.4-9.3)	0.1 (0.1-0.1)	5.9 (4-8.6)	0.1 (0-0.1)	8.2 (5.4-11.9)	88	3	79	3	78	2
Hounslow	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	0.9 (0.7-1.3)	0 (0-0)	0.9 (0.6-1.3)	0.2 (0.1-0.2)	8 (5.7-11.3)	0.2 (0.1-0.2)	8.4 (5.8-11.7)	0.1 (0.1-0.1)	18.5 (12.8-26.8)	65	3	67	2	76	1
Islington	0 (0-0.1)	0.8 (0.6-1.2)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.8 (0.6-1.2)	0.4 (0.3-0.4)	6.3 (4.4-8.9)	0.3 (0.3-0.4)	10.8 (7.8-15.2)	0.4 (0.3-0.4)	40.7 (28.3-58.1)	47	2	55	1	43	1
Kensington and Chelsea	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0.3 (0.2-0.3)	4.7 (3-7.3)	0.3 (0.3-0.4)	7.4 (4.7-11.5)	0.3 (0.3-0.4)	13.7 (8.4-20.5)	51	4	50	2	49	1
Kingston upon Thames	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	7.5 (5.2-10.6)	0.1 (0-0.1)	10.3 (6.9-15)	0.1 (0-0.1)	6.3 (4.4-8.9)	94	3	82	2	76	4
Lambeth	0.1 (0.1-0.1)	2.7 (2-3.8)	0.1 (0.1-0.1)	2.7 (2-3.8)	0.1 (0-0.1)	2.5 (1.8-3.4)	0.7 (0.6-0.7)	19.3 (13.7-27.2)	0.6 (0.6-0.7)	22.4 (16.2-31)	0.6 (0.5-0.7)	25.9 (18.9-35.8)	34	1	39	1	34	1
Lewisham	0.1 (0.1-0.1)	2.1 (1.5-2.8)	0.1 (0.1-0.1)	2.1 (1.5-2.9)	0 (0-0)	2 (1.4-2.7)	0.6 (0.5-0.6)	10.5 (7.7-14.5)	0.7 (0.7-0.8)	18.5 (14-24.9)	0.6 (0.5-0.6)	63.6 (45.9-86.9)	38	1	37	1	38	1
Merton	0 (0-0)	1.1 (0.8-1.5)	0 (0-0)	1.1 (0.8-1.5)	0 (0-0)	1.1 (0.8-1.6)	0.2 (0.1-0.2)	10.8 (7.8-14.6)	0.2 (0.2-0.3)	8.2 (5.8-11.5)	0.1 (0.1-0.2)	35.9 (23.5-49.6)	62	1	61	2	63	1
Newham	0.1 (0.1-0.2)	1.7 (1.2-2.3)	0.1 (0.1-0.1)	1.7 (1.3-2.3)	0.1 (0.1-0.2)	1.7 (1.3-2.4)	0.8 (0.7-0.9)	9.3 (6.8-12.8)	0.8 (0.6-0.9)	15.6 (11.5-20.8)	0.8 (0.6-1)	10.1 (7.6-13.8)	32	1	35	1	32	1
Redbridge	0 (0-0)	0.8 (0.6-1.2)	0 (0-0)	0.8 (0.6-1.2)	0 (0-0)	0.9 (0.6-1.2)	0.2 (0.2-0.3)	6.3 (4.5-8.7)	0.3 (0.2-0.3)	9.2 (6.4-12.6)	0.2 (0.2-0.2)	16.3 (11.1-22.5)	59	4	58	2	60	1
Richmond upon Thames	0 (0-0)	0.7 (0.4-0.9)	0 (0-0)	0.7 (0.4-0.9)	0 (0-0)	0.7 (0.4-1)	0 (0-0.1)	7.7 (5.3-10.9)	0.1 (0.1-0.1)	11.6 (7.9-16.6)	0.1 (0-0.1)	9.3 (6-13.1)	85	2	76	2	81	2
Southwark	0.1 (0.1-0.1)	2.5 (1.8-3.5)	0.1 (0.1-0.1)	2.5 (1.8-3.5)	0.1 (0.1-0.1)	2.5 (1.8-3.5)	0.7 (0.6-0.8)	15 (10.8-20.5)	0.7 (0.6-0.8)	20.8 (15-29.5)	0.6 (0.4-0.8)	19 (13.6-26.9)	32	1	36	1	34	2
Sutton	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.9)	0.1 (0.1-0.1)	5.9 (4.1-8.6)	0.1 (0.1-0.2)	7.3 (5.2-10.1)	0 (0-0.1)	7.2 (4.7-10.4)	71	3	72	2	81	3
Tower Hamlets	0 (0-0)	0.9 (0.6-1.2)	0 (0-0)	0.9 (0.7-1.3)	0 (0-0)	0.8 (0.6-1.1)	0.3 (0.2-0.3)	6.6 (4.6-9.1)	0.3 (0.2-0.3)	7.6 (5.6-10.5)	0.2 (0.2-0.3)	21.1 (13.9-28.8)	56	2	59	2	54	1

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
Waltham Forest	0.1 (0.1-0.1)	1.6 (1.2-2.3)	0.1 (0.1-0.1)	1.7 (1.2-2.3)	0 (0-0)	1.6 (1.1-2.2)	0.5 (0.5-0.6)	11.1 (8-15.5)	0.6 (0.5-0.7)	17.5 (12.9-24.9)	0.5 (0.4-0.7)	34.3 (24-48.1)	38	1	38	1	35	1
Wandsworth	0 (0-0.1)	0.9 (0.7-1.3)	0 (0-0)	0.9 (0.7-1.3)	0 (0-0)	0.9 (0.7-1.3)	0.4 (0.4-0.5)	8.4 (6-11.5)	0.4 (0.4-0.5)	13.7 (9.8-18.9)	0.4 (0.3-0.5)	15.4 (11-20.9)	40	1	44	1	44	1
Westminster	0 (0-0)	0.8 (0.5-1.1)	0 (0-0)	0.7 (0.5-1.1)	0 (0-0)	0.7 (0.4-1)	0.3 (0.2-0.4)	6.1 (4.4-8.7)	0.3 (0.3-0.4)	7.2 (5-10)	0.3 (0.2-0.4)	7.4 (5-11.1)	52	4	52	2	49	1
North East England	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	4.4 (3.1-6.1)	0 (0-0)	6.5 (4.4-9.1)	0 (0-0)	6 (3.8-9.2)	103	7	99	2	99	3
County Durham	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	3.7 (2.4-5.5)	0 (0-0)	5.3 (3.4-8)	0 (0-0)	4.9 (2.5-8.9)	106	9	99	4	100	5
Darlington	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	4.2 (2.6-6.5)	0 (0-0)	6.2 (3.8-9)	0 (0-0)	5.6 (2.1-18.7)	99	7	94	5	95	3
Gateshead	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	5.5 (3.6-7.4)	0 (0-0)	7.7 (5.3-11)	0 (0-0)	34.8 (24.2-48.8)	103	3	96	2	95	1
Hartlepool	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	3.9 (2.6-5.8)	0 (0-0)	5.8 (3.7-8.9)	0 (0-0)	2 (0.9-4.7)	103	8	98	4	96	15
Middlesbrough	0 (0-0)	0.8 (0.5-1.1)	0 (0-0)	0.8 (0.5-1.1)	0 (0-0)	0.8 (0.5-1.1)	0 (0-0)	5.3 (3.6-7.2)	0 (0-0)	8.7 (6.2-11.8)	0 (0-0)	6.7 (4.5-9.3)	96	5	94	1	105	2
Newcastle upon Tyne	0 (0-0)	0.9 (0.6-1.2)	0 (0-0)	0.9 (0.6-1.2)	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	5.2 (3.6-7.3)	0 (0-0)	9.4 (6.4-12.9)	0 (0-0)	7 (4.9-9.8)	101	4	97	1	93	2
North Tyneside	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	5.2 (3.5-7.3)	0 (0-0)	7.5 (5.1-10.5)	0 (0-0)	39 (26.8-56.6)	98	4	92	2	92	1
Northumberland	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	4.7 (3.2-7)	0 (0-0)	4.4 (2.8-6.6)	0 (0-0)	29.9 (20.6-45.1)	107	5	107	5	101	1
Redcar and Cleveland	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	4.6 (3-6.8)	0 (0-0)	6.6 (4.2-10.3)	0 (0-0)	1.1 (0.7-1.6)	96	6	92	2	86	27
South Tyneside	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	4.5 (2.9-7)	0 (0-0)	6.7 (4.2-10.3)	0 (0-0)	5.6 (3.8-8.8)	98	6	96	2	100	5
Stockton-on-Tees	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	3.6 (2.4-5)	0 (0-0)	7.5 (5.1-10.7)	0 (0-0)	9.8 (7-15.1)	102	9	95	2	102	1
Sunderland	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	3.5 (2.3-5.3)	0 (0-0)	5.5 (3.5-8.5)	0 (0-0)	9.5 (6.2-14.8)	98	10	96	4	97	1
North West England	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0.1 (0.1-0.1)	5.1 (3.6-7)	0.1 (0.1-0.1)	6.6 (4.7-9.2)	0.1 (0.1-0.1)	6.8 (4.8-9.1)	80	5	74	2	75	2
Blackburn with Darwen	0 (0-0)	0.7 (0.5-1.1)	0 (0-0)	0.7 (0.5-1.1)	0 (0-0)	0.7 (0.5-1)	0.1 (0.1-0.2)	4.4 (3-6.3)	0.2 (0.1-0.2)	5.8 (4.1-8.3)	0.2 (0.1-0.3)	9 (6.1-12.5)	69	6	65	3	66	1
Blackpool	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.7 (0.5-1)	0.1 (0-0.1)	4.9 (3.4-6.7)	0.1 (0.1-0.1)	6 (4.2-8.4)	0.1 (0.1-0.2)	4.6 (3.3-6.5)	84	6	81	3	67	5
Bolton	0 (0-0)	0.8 (0.6-1.2)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.8 (0.6-1.2)	0 (0-0)	5.4 (3.8-7.6)	0 (0-0)	7.4 (5.2-10.4)	0 (0-0)	12.7 (8.9-17.9)	97	4	92	2	97	1
Bury	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0.2 (0.1-0.2)	4.4 (3-6.2)	0.2 (0.1-0.2)	7 (4.7-10.4)	0.2 (0.1-0.3)	7.6 (5.2-10.8)	62	6	64	2	62	2
Cheshire East	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	5.1 (3.4-7.8)	0 (0-0.1)	5.7 (3.8-8.4)	0 (0-0)	10.7 (7.2-15.9)	92	5	85	3	93	2
Cheshire West and Chester	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	4.9 (3.1-7.4)	0 (0-0)	4.1 (2.7-6.3)	0 (0-0)	6.5 (4.3-9.7)	100	6	94	6	102	2
Cumbria	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	4.6 (3-6.8)	0 (0-0)	5.6 (3.7-8.3)	0 (0-0.1)	5.5 (3.6-8.3)	103	5	94	2	89	2
Halton	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	4.1 (2.7-6.1)	0 (0-0)	5.6 (3.7-8.6)	0 (0-0.1)	3 (1.5-4.8)	103	7	96	3	87	10
Knowsley	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	3 (1.9-4.5)	0 (0-0)	2.9 (1.9-4.4)	0 (0-0)	8.2 (5.2-12.9)	98	11	93	15	94	2
Lancashire	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0.1)	4.9 (3.3-7.3)	0.1 (0-0.1)	6.2 (4-9.2)	0.1 (0-0.1)	5 (3.3-7.6)	89	6	82	2	85	4
Liverpool	0 (0-0)	0.9 (0.7-1.3)	0 (0-0)	0.9 (0.7-1.3)	0 (0-0)	1 (0.7-1.4)	0.1 (0.1-0.2)	4.4 (3.2-6.1)	0.2 (0.1-0.2)	7.3 (5.2-10.1)	0.1 (0.1-0.2)	7.5 (5.3-10.6)	72	5	66	2	72	1
Manchester	0 (0-0.1)	1.5 (1.1-2.1)	0 (0-0.1)	1.6 (1.1-2.1)	0 (0-0.1)	1.6 (1.1-2.1)	0.3 (0.2-0.3)	9.7 (7-13.3)	0.4 (0.3-0.5)	12.6 (9.2-17.2)	0.3 (0.2-0.4)	10.3 (7.5-14.7)	50	2	48	1	54	1

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
Oldham	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.9)	0.1 (0.1-0.1)	2.8 (1.9-4.2)	0.2 (0.1-0.2)	4.7 (3.2-6.6)	0.2 (0.1-0.2)	4.2 (2.8-6.1)	72	12	70	4	65	7
Rochdale	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	4 (2.6-6.2)	0 (0-0)	3.4 (2.2-4.9)	0 (0-0)	3.1 (2.1-4.6)	101	8	96	11	94	11
Salford	0 (0-0)	1.4 (1-1.9)	0 (0-0)	1.4 (1-2)	0 (0-0)	1.4 (1-2)	0.1 (0.1-0.1)	8.6 (6.2-11.6)	0.1 (0.1-0.2)	9.5 (7.1-12.9)	0.1 (0-0.1)	34.1 (23.6-48.5)	80	2	66	1	82	1
Sefton	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.8)	0.1 (0.1-0.1)	4 (2.6-6.2)	0.1 (0.1-0.1)	5.5 (3.6-8.3)	0.1 (0.1-0.1)	4.6 (3-6.9)	72	9	78	5	73	6
St Helens	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	4.2 (2.8-6.2)	0 (0-0)	6 (4-9.1)	0 (0-0.1)	8.2 (5.3-12.4)	102	7	92	3	81	1
Stockport	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0.1 (0-0.1)	5.1 (3.4-7.5)	0.1 (0.1-0.1)	7.1 (4.9-10)	0.1 (0-0.1)	13.3 (4.9-23.2)	83	4	81	2	74	2
Tameside	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	8.2 (5.7-11.5)	0 (0-0)	10.7 (7.5-14.8)	0 (0-0)	3.2 (2.3-4.3)	94	1	93	1	86	8
Trafford	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0.1 (0.1-0.1)	3.5 (2.3-5.4)	0.1 (0.1-0.1)	4.7 (3.1-7.1)	0.1 (0-0.1)	7.3 (5-10.8)	75	8	77	4	80	2
Warrington	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0.1 (0-0.1)	3.9 (2.5-5.8)	0.1 (0.1-0.1)	5.5 (3.7-8.3)	0.1 (0-0.1)	18.5 (11.8-27.3)	82	7	74	2	78	1
Wigan	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	5.2 (3.6-7.6)	0 (0-0)	8.4 (5.8-12.1)	0 (0-0)	6.1 (4.3-8.5)	99	5	95	2	96	2
Wirral	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0.1 (0.1-0.1)	4.4 (3.1-6.5)	0.2 (0.1-0.2)	6.8 (4.6-9.6)	0.2 (0.1-0.2)	4.2 (2.8-6)	74	7	69	3	66	6
South East England	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0.1 (0.1-0.1)	5.3 (3.6-7.7)	0.1 (0.1-0.1)	7.4 (5.2-10.2)	0.1 (0.1-0.1)	7.7 (5.4-11)	82	5	74	2	78	2
Bracknell Forest	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0.1 (0.1-0.1)	5.2 (3.4-8)	0.1 (0.1-0.2)	6.6 (4.2-10.5)	0.1 (0-0.1)	5.3 (3.5-8)	66	6	68	2	80	3
Brighton and Hove	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.9)	0.1 (0-0.1)	4 (2.8-6.1)	0.1 (0.1-0.1)	6.6 (4.6-9.1)	0.1 (0.1-0.1)	34.2 (22.3-50.5)	83	7	73	3	69	1
Buckinghamshire	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0.1)	6 (4.2-8.4)	0.1 (0-0.1)	7.1 (4.9-9.5)	0.1 (0-0.1)	7.2 (5.1-10.2)	90	4	84	2	87	2
East Sussex	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0.1 (0-0.1)	3.7 (2.4-5.7)	0.1 (0.1-0.1)	4.9 (3.1-7.3)	0.1 (0.1-0.1)	7.5 (5.1-11.2)	85	8	76	4	76	2
Hampshire	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	5.6 (3.8-8.1)	0.1 (0-0.1)	11.3 (7.8-16.2)	0 (0-0.1)	24.1 (16.2-35.5)	91	5	85	2	85	1
Isle of Wight	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	4.9 (3.2-7.1)	0 (0-0)	6.6 (4.3-10.2)	0 (0-0)	2.7 (1.7-4.1)	105	4	100	2	101	11
Kent	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0.1 (0.1-0.1)	6.1 (4.1-8.7)	0.1 (0.1-0.1)	9.1 (6.2-12.9)	0.1 (0.1-0.1)	6.1 (4.1-8.8)	83	4	74	2	72	2
Medway	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0.1)	4 (2.7-5.6)	0.1 (0.1-0.1)	6.4 (4.4-8.8)	0.1 (0.1-0.1)	8.5 (5.9-12)	86	7	80	2	74	2
Milton Keynes	0 (0-0)	1.2 (0.9-1.6)	0 (0-0)	1.2 (0.9-1.6)	0 (0-0)	1.2 (0.8-1.6)	0.1 (0.1-0.1)	9.5 (6.7-12.8)	0.2 (0.1-0.2)	12.9 (9.5-17.5)	0 (0-0.1)	37.4 (25.5-51.7)	68	1	64	1	81	1
Oxfordshire	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.7 (0.4-0.9)	0.1 (0.1-0.1)	4.9 (3.4-7)	0.1 (0.1-0.1)	9.1 (6.3-12.5)	0.1 (0.1-0.1)	6.2 (4.3-8.7)	77	5	75	2	76	2
Portsmouth	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	3.9 (2.5-5.9)	0 (0-0.1)	6 (4-9.2)	0 (0-0)	3.4 (2.1-5.2)	96	8	91	3	92	7
Reading	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0.2 (0.1-0.2)	4 (2.6-5.9)	0.2 (0.2-0.2)	5.3 (3.5-7.8)	0.1 (0.1-0.2)	8 (5-12.4)	59	7	62	3	62	2
Slough	0.1 (0-0.1)	0.9 (0.6-1.3)	0.1 (0.1-0.1)	0.9 (0.6-1.3)	0 (0-0)	0.9 (0.6-1.3)	0.3 (0.3-0.4)	6 (4.1-8.8)	0.4 (0.3-0.4)	6.1 (4.1-8.6)	0.3 (0.2-0.3)	12.3 (8.2-17.4)	44	3	44	2	58	1
Southampton	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.7 (0.4-1)	0.1 (0.1-0.1)	5.5 (3.6-7.7)	0.1 (0.1-0.1)	5 (3.4-7.1)	0 (0-0.1)	8.6 (5.8-12.5)	76	4	76	3	82	3
Surrey	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0.1 (0.1-0.1)	6.2 (4.2-9.4)	0.1 (0.1-0.1)	6.7 (4.4-9.6)	0.1 (0.1-0.1)	11.4 (7.7-16.7)	79	4	75	2	75	2
West Berkshire	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	5 (3.1-7.8)	0 (0-0)	4 (2.6-5.8)	0 (0-0)	46.2 (25.8-76.8)	105	5	100	7	99	1
West Sussex	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0.1 (0.1-0.1)	4.1 (2.7-6.2)	0.2 (0.1-0.2)	5.2 (3.4-7.7)	0.1 (0.1-0.2)	9.9 (6.4-15.5)	67	6	65	3	67	2

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
Windsor and Maidenhead	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.4 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0.1 (0.1-0.1)	4.8 (3.1-7.3)	0.1 (0.1-0.1)	6.5 (4.1-10.3)	0.1 (0.1-0.2)	3.4 (2.2-5.1)	65	6	72	2	72	9
Wokingham	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.4 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0.1 (0.1-0.1)	5.7 (3.7-8.7)	0.1 (0.1-0.2)	6.8 (4.3-10.1)	0.1 (0-0.1)	0.8 (0.5-1.2)	68	5	67	2	78	32
South West England	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	4.7 (3.2-6.8)	0.1 (0.1-0.1)	6.1 (4.1-8.8)	0.1 (0-0.1)	7.2 (5.2-10.1)	87	5	82	2	81	3
Bath and North East Somerset	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.9)	0.1 (0.1-0.1)	7.2 (4.8-10.2)	0.1 (0.1-0.1)	9.9 (6.8-14)	0.1 (0.1-0.2)	5.7 (3.7-8.3)	78	3	74	2	67	4
Boumemouth	0 (0-0)	0.8 (0.6-1.2)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	8.2 (6-11.3)	0 (0-0)	11.5 (8.3-15.7)	0 (0-0)	12.9 (6.6-27.6)	99	2	94	1	98	3
Bristol, City of	0 (0-0)	1 (0.7-1.3)	0 (0-0)	1 (0.7-1.4)	0 (0-0)	0.9 (0.7-1.3)	0.1 (0.1-0.2)	8.9 (6.4-12.2)	0.2 (0.1-0.2)	8 (5.7-10.8)	0.1 (0.1-0.2)	56.2 (40.4-75.8)	69	1	66	2	70	1
Cornwall	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	4.1 (2.7-6.5)	0 (0-0)	5 (3.3-7.6)	0 (0-0)	3 (2-4.5)	106	7	105	4	106	8
Devon	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	4 (2.6-5.9)	0.1 (0-0.1)	5.6 (3.5-8.7)	0.1 (0-0.1)	3.9 (2.5-6.2)	91	8	85	3	81	7
Dorset	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	4 (2.6-6.3)	0 (0-0)	5.7 (3.6-8.7)	0 (0-0.1)	8 (4.6-15.7)	101	8	97	3	91	3
Gloucestershire	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.6 (0.4-0.8)	0.1 (0.1-0.2)	6.6 (4.5-9.5)	0.1 (0.1-0.2)	6 (3.9-9)	0.2 (0.1-0.2)	4.9 (3.3-7.3)	66	4	71	2	63	4
North Somerset	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	3.7 (2.4-5.7)	0 (0-0)	6.3 (4.1-9.5)	0 (0-0)	29.8 (18.7-46)	98	10	95	2	90	1
Plymouth	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	3.5 (2.2-5.3)	0 (0-0)	5.7 (3.7-8.3)	0 (0-0.1)	4.5 (2.9-6.9)	102	9	98	3	86	7
Poole	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.4 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0.1 (0.1-0.1)	4.9 (3.2-7.1)	0.4 (0.3-0.5)	6.4 (4.1-10)	0 (0-0)	9.2 (4.8-18.7)	72	4	51	3	89	3
Somerset	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0.1)	3.7 (2.4-5.8)	0.1 (0-0.1)	4.8 (3.1-7.3)	0 (0-0.1)	9.8 (6.7-15.1)	85	9	83	4	86	2
South Gloucestershire	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	4 (2.7-5.7)	0 (0-0)	5.6 (3.8-7.8)	0 (0-0)	15.9 (6.2-29.2)	99	8	98	2	93	2
Swindon	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	4.7 (3.1-6.9)	0 (0-0)	6.5 (4.2-10)	0 (0-0)	7.1 (4.7-10.2)	103	7	106	2	104	3
Torbay	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	4.6 (2.9-7.1)	0 (0-0)	5.4 (3.4-8.8)	0 (0-0)	20.8 (5-39)	105	6	100	3	97	1
Wiltshire	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	4 (2.5-6)	0 (0-0)	6.2 (3.9-9.4)	0 (0-0)	20.4 (13-29.8)	104	7	104	2	98	1
West Midlands	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0.1 (0.1-0.1)	5 (3.6-7.1)	0.2 (0.2-0.2)	7.4 (5.3-10.2)	0.2 (0.1-0.2)	7.1 (5.1-9.7)	68	4	63	2	64	2
Birmingham	0 (0-0)	1 (0.7-1.4)	0 (0-0)	1 (0.7-1.4)	0 (0-0.1)	1 (0.8-1.4)	0.3 (0.2-0.3)	7.3 (5.3-9.7)	0.3 (0.3-0.4)	10.9 (7.8-15.1)	0.3 (0.2-0.4)	7.2 (5.3-9.8)	50	2	56	1	52	3
Coventry	0 (0-0)	0.9 (0.6-1.2)	0 (0-0)	0.9 (0.6-1.2)	0 (0-0)	0.9 (0.6-1.3)	0.1 (0.1-0.2)	6 (4.2-8.4)	0.2 (0.1-0.2)	6.9 (4.8-9.8)	0.1 (0.1-0.2)	8.9 (6.2-11.9)	69	3	64	3	71	1
Dudley	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.7 (0.5-1)	0.1 (0.1-0.1)	6.3 (4.5-8.5)	0.1 (0.1-0.2)	7.7 (5.4-10.7)	0.1 (0.1-0.2)	6 (4.3-8.2)	72	4	69	3	72	5
Herefordshire, County of	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	2.8 (1.9-4.5)	0 (0-0)	6.9 (4.6-11.1)	0 (0-0.1)	2.6 (1.7-3.8)	99	12	97	2	87	14
Sandwell	0 (0-0.1)	1 (0.7-1.4)	0 (0-0)	1 (0.7-1.4)	0 (0-0)	0.9 (0.7-1.3)	0.3 (0.3-0.4)	7.1 (5.2-10.1)	0.3 (0.3-0.4)	8.2 (5.8-11.6)	0.4 (0.3-0.5)	21.3 (15.3-28.2)	48	2	51	3	46	1
Shropshire	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	3.7 (2.4-5.6)	0 (0-0)	5.9 (3.9-9)	0 (0-0)	6.6 (4.2-9.9)	103	7	96	2	90	3
Solihull	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.9)	0.1 (0.1-0.1)	4.8 (3.3-7.2)	0.1 (0.1-0.2)	8.3 (5.7-12.2)	0.1 (0-0.1)	5.3 (3.7-7.5)	81	6	71	2	77	5
Staffordshire	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.8)	0.1 (0-0.1)	4.3 (2.9-6.5)	0.1 (0.1-0.1)	7.4 (4.9-11.1)	0.1 (0.1-0.1)	8.4 (5.6-12.9)	83	7	75	2	74	2
Stoke-on-Trent	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	2.9 (1.9-4.5)	0 (0-0)	3.8 (2.4-5.7)	0 (0-0.1)	4 (2.6-6.2)	102	12	97	8	89	7
Telford and Wrekin	0 (0-0)	0.9 (0.6-1.2)	0 (0-0)	0.9 (0.6-1.2)	0 (0-0)	0.9 (0.6-1.2)	0 (0-0)	6.7 (4.7-9)	0 (0-0.1)	10.4 (7.3-14.2)	0 (0-0.1)	7.8 (5.6-10.7)	95	3	86	2	84	2

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
Walsall	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0.1 (0.1-0.2)	2.9 (1.9-4.2)	0.2 (0.1-0.2)	4 (2.6-6.1)	0.1 (0.1-0.2)	7.4 (4.9-11)	68	12	68	7	68	2
Warwickshire	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0.1)	4.5 (2.8-7)	0.1 (0-0.1)	7 (4.5-10.4)	0.1 (0-0.1)	4.1 (2.6-6.3)	90	7	84	2	82	7
Wolverhampton	0.1 (0-0.1)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0.3 (0.3-0.4)	4.2 (2.9-6)	0.4 (0.3-0.5)	6.1 (4.1-8.6)	0.2 (0.2-0.3)	24.4 (16.8-36.2)	47	6	45	3	51	1
Worcestershire	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0.1)	3.3 (2.1-5)	0.1 (0.1-0.1)	4.9 (3.2-7.6)	0.1 (0-0.1)	6.7 (4.2-10.6)	90	10	80	4	81	2
Yorkshire and the Humber	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.9)	0.1 (0.1-0.1)	4.1 (2.9-6)	0.1 (0.1-0.1)	5.7 (4-8)	0.1 (0.1-0.1)	5.8 (3.8-8.4)	82	8	75	3	74	3
Bamsley	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	3.1 (2.1-4.7)	0 (0-0)	6.6 (4.3-10.1)	0 (0-0)	10.9 (7.1-16.3)	99	14	93	3	94	1
Bradford	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0.1 (0.1-0.1)	5 (3.5-7.3)	0.1 (0.1-0.2)	5.3 (3.7-7.3)	0.1 (0.1-0.2)	5.8 (3.9-8.2)	78	5	75	4	71	4
Calderdale	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	3.8 (2.4-5.8)	0 (0-0.1)	5.1 (3.4-7.6)	0 (0-0)	4.1 (2.7-6)	95	8	89	3	92	7
Doncaster	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	3.1 (2-4.6)	0 (0-0)	3.6 (2.4-5.2)	0 (0-0)	4.7 (3.1-7)	104	12	100	9	102	6
East Riding of Yorkshire	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	4.5 (2.9-7.2)	0 (0-0)	4.9 (3.2-7.5)	0 (0-0)	30.6 (8.1-56.7)	107	6	108	4	107	1
Kingston upon Hull, City of	0 (0-0)	0.7 (0.5-1.1)	0 (0-0)	0.7 (0.5-1.1)	0 (0-0)	0.8 (0.5-1.1)	0.1 (0.1-0.1)	3.7 (2.6-5.3)	0.1 (0.1-0.1)	5.4 (3.7-7.7)	0.1 (0-0.1)	15.9 (10.7-21.9)	76	9	75	4	80	1
Kirklees	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0.1 (0.1-0.2)	3 (2-4.7)	0.1 (0.1-0.2)	4.6 (3.1-6.7)	0.1 (0.1-0.2)	3.2 (1.8-5.2)	70	11	71	6	67	9
Leeds	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.8 (0.5-1.1)	0.1 (0.1-0.1)	6.1 (4.3-8.4)	0.2 (0.2-0.3)	9.3 (6.6-12.4)	0.1 (0.1-0.2)	7.5 (5.3-10.5)	69	3	63	2	71	2
North East Lincolnshire	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	3.1 (2-4.6)	0 (0-0)	5.1 (3.5-7.7)	0 (0-0)	23.9 (5.1-43)	99	12	93	4	95	1
North Lincolnshire	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	3.1 (1.9-4.6)	0 (0-0)	6.7 (4.4-10)	0 (0-0.1)	24.7 (15.8-36)	100	10	95	2	90	1
North Yorkshire	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0.1)	4.6 (2.9-6.8)	0.1 (0-0.1)	6.1 (3.9-9.4)	0.1 (0-0.2)	6.8 (4.2-12.8)	89	5	84	2	74	2
Rotherham	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.8)	0.1 (0.1-0.1)	4 (2.6-6)	0.1 (0.1-0.1)	6 (4-9.2)	0 (0-0.1)	9.1 (6-13.6)	81	7	75	2	87	2
Sheffield	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0.1 (0.1-0.1)	4.6 (3.2-6.6)	0.2 (0.1-0.2)	6 (4.1-8.6)	0.1 (0.1-0.2)	4.9 (3.3-7)	72	5	66	3	69	5
Wakefield	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.8)	0.1 (0.1-0.1)	3.7 (2.4-5.5)	0.1 (0.1-0.1)	4.7 (3.1-7)	0.1 (0-0.2)	4.7 (2.5-8.4)	82	8	77	5	74	3
York	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	3 (2.1-4.6)	0 (0-0)	6.8 (4.6-10.6)	0 (0-0)	1.6 (1.1-2.4)	103	14	96	2	99	19
Northern Ireland	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0.1 (0.1-0.2)	4.1 (2.8-6)	0.2 (0.2-0.2)	5.8 (4-8.4)	0.2 (0.1-0.2)	10.3 (6.8-15)	63	7	64	4	64	1
Scotland	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0.2 (0.1-0.2)	4.4 (3-6.4)	0.2 (0.2-0.3)	6.5 (4.3-9.6)	0.2 (0.1-0.2)	5.8 (4-8.3)	61	5	64	2	63	3
Wales	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0.1 (0.1-0.2)	4.7 (3.2-6.8)	0.2 (0.2-0.2)	6 (4.1-9)	0.2 (0.2-0.2)	6.2 (4.2-9.1)	61	5	64	3	65	3
Latin America and Caribbean	0.2 (0.2-0.2)	1.6 (1.2-2)	0.2 (0.2-0.2)	1.6 (1.2-2)	0.2 (0.1-0.2)	1.9 (1.4-2.4)	0.4 (0.4-0.5)	3.3 (2.5-4.2)	0.2 (0.2-0.3)	1.9 (1.4-2.3)	0.5 (0.4-0.6)	5.5 (4.1-7)	53	7	50	8	44	3
Andean Latin America	0.1 (0-0.1)	0.5 (0.3-0.7)	0 (0-0.1)	0.5 (0.3-0.7)	0 (0-0.1)	0.5 (0.3-0.7)	0.1 (0-0.2)	0.7 (0.5-1)	0.1 (0-0.1)	1 (0.7-1.4)	0 (0-0.1)	0.8 (0.5-1.3)	80	32	86	28	83	17
Bolivia (Plurinational State of)	0.1 (0-0.3)	0.6 (0.4-0.9)	0.1 (0-0.2)	0.6 (0.3-0.9)	0.1 (0-0.1)	0.6 (0.3-0.9)	0.1 (0.1-0.3)	0.6 (0.4-0.9)	0.2 (0.1-0.3)	0.9 (0.6-1.3)	0.1 (0-0.2)	1.2 (0.7-1.8)	72	35	71	29	76	21
Ecuador	0 (0-0)	0.5 (0.4-0.6)	0 (0-0)	0.5 (0.4-0.6)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.8 (0.6-1)	0.1 (0.1-0.1)	1.7 (1.3-2.2)	115	33	111	29	87	13
Peru	0.1 (0-0.1)	0.5 (0.3-0.7)	0 (0-0.1)	0.5 (0.3-0.8)	0 (0-0.1)	0.5 (0.3-0.7)	0.1 (0-0.2)	0.8 (0.5-1.2)	0.1 (0-0.2)	1.1 (0.7-1.6)	0 (0-0.1)	0.5 (0.3-0.9)	76	31	82	26	85	16
Caribbean	1.5 (1.1-2)	13.7 (10.2-17.3)	1.3 (1-1.7)	14.7 (11.1-18.6)	1.4 (0.9-1.8)	16.8 (12.9-21.4)	2.2 (1.6-2.9)	20.6 (15.2-26.4)	0.2 (0.2-0.3)	2.3 (1.7-2.9)	2 (1.3-2.8)	25.5 (19.8-32.9)	12	1	13	2	12	1

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
Antigua and Barbuda	1.4 (1.2-1.5)	7.5 (4.5-11.4)	1 (0.9-1.2)	7.9 (4.7-12)	0.9 (0.7-1)	9 (5.5-13.7)	4.4 (4.1-4.8)	24 (14.5-37.2)	4.3 (3.9-4.6)	33.9 (19.7-52.2)	4.7 (4.2-5.3)	49.2 (30.8-75.3)	4	1	4	1	3	1
Bahamas	1.3 (1.1-1.6)	16.8 (10.4-26)	0.8 (0.7-0.9)	18.2 (11.7-28)	0.7 (0.5-0.8)	19.7 (12.1-28.8)	3.1 (2.8-3.5)	39.4 (24.3-60.4)	3 (2.7-3.3)	67.8 (43.5-105)	2.7 (2.4-3)	78.7 (51.5-119)	8	1	10	1	9	1
Barbados	0.7 (0.6-0.9)	8.2 (5-12.7)	0.6 (0.5-0.7)	8.3 (5.3-12.6)	0.3 (0.1-0.5)	9.9 (6-15)	2.8 (2.5-3.1)	31.4 (19.8-49.2)	2.4 (2.2-2.7)	34.1 (21.2-52.4)	2.1 (1.8-2.4)	71.3 (33.6-141)	11	1	12	1	17	1
Belize	0.5 (0.4-0.6)	10.3 (6.5-15.6)	0.4 (0.3-0.4)	10.5 (6.3-16)	0.3 (0.3-0.3)	12.2 (7.5-18.6)	1 (0.8-1.1)	19.6 (12.4-28.9)	1 (0.9-1.1)	28.1 (18-40.1)	1.2 (1.1-1.4)	52.7 (34.7-77.6)	30	1	27	1	24	1
Bermuda	0.4 (0.3-0.4)	6 (3.5-9.8)	0.4 (0.3-0.4)	6.2 (3.4-9.8)	0.3 (0.2-0.4)	7.5 (4.4-11.5)	2.4 (2.1-2.7)	38.5 (23.5-62.7)	2.8 (2.5-3.2)	47.9 (28.5-78.6)	2.9 (2.4-3.5)	69.5 (41.8-111)	9	1	8	1	9	1
Cuba	0.3 (0.2-0.3)	2.7 (1.9-3.7)	0.2 (0.2-0.2)	2.8 (2-3.8)	0.2 (0.1-0.2)	4.6 (3.3-6)	1 (0.9-1.1)	9.7 (6.9-13)	1 (0.9-1.1)	14.7 (10.4-20.1)	1 (0.8-1.1)	26.5 (18.6-34.9)	24	2	28	1	24	1
Dominica	1.1 (0.7-1.6)	8.6 (5.4-12.8)	1.2 (0.8-1.7)	8.7 (5.6-13.4)	1.3 (0.9-1.9)	10.1 (6.2-15.3)	3.4 (2.2-4.9)	26.2 (15.8-39.4)	3 (2.1-4.2)	22 (14.1-33.2)	3.2 (2.1-4.6)	24 (14.6-35.3)	7	1	7	1	7	1
Dominican Republic	1.3 (0.9-1.7)	16 (10.7-21.7)	0.9 (0.7-1.3)	16.3 (11.2-21.7)	0.8 (0.5-1.1)	17.3 (11.6-23.2)	2.6 (1.9-3.4)	31.5 (21.2-42.6)	2.3 (1.7-3)	40.4 (26.9-53.3)	2 (1.4-2.9)	46.3 (30.6-61.6)	12	1	14	1	15	1
Grenada	2.1 (1.9-2.4)	8.8 (5.5-13.2)	1.6 (1.4-1.9)	9.2 (5.7-13.8)	1.5 (1.3-1.8)	10.4 (6.5-15.9)	4.2 (3.9-4.7)	17.8 (10.9-26.6)	4.5 (4-4.9)	25.4 (16.5-36.3)	4.8 (4.2-5.5)	33.7 (20.8-51.9)	3	1	4	1	3	1
Guyana	2 (1.5-2.5)	9.5 (6-14.4)	1.7 (1.4-2)	10.3 (6.5-15.6)	1.2 (0.9-1.4)	11 (7.1-16.4)	2.4 (1.9-3)	11.6 (7.1-17.5)	2.4 (2.1-2.8)	14.9 (9.6-23)	2.5 (2-2.9)	22.9 (14.6-35.1)	10	1	11	1	11	1
Haiti	3.2 (1.8-4.9)	21.9 (16.8-26.9)	2.9 (1.7-4.1)	21.8 (16.9-26.6)	2.6 (1.5-3.8)	23.3 (18-28.3)	2.2 (1.3-3.4)	15.3 (11.7-19)	0.1 (0.1-0.2)	1.1 (0.8-1.4)	2.1 (1.1-3)	18.1 (14.2-21.9)	12	1	12	2	11	1
Jamaica	1.4 (1.2-1.5)	21.6 (17.7-25.4)	1 (0.8-1.1)	22.7 (19-26.3)	0.8 (0.7-0.9)	22.9 (18-28.7)	4.8 (4.4-5.2)	75.3 (59.1-87.8)	3.9 (3.5-4.2)	93.1 (76-108)	3.5 (3.1-4)	104 (78.3-135)	4	1	4	1	6	1
Puerto Rico	0.1 (0.1-0.1)	6.5 (3.7-9.9)	0.1 (0-0.1)	6.8 (3.9-11)	0 (0-0)	8.1 (4.6-12.7)	0.5 (0.4-0.6)	37.1 (21.3-56.4)	0.5 (0.4-0.6)	58.6 (34.2-91.5)	0.7 (0.5-0.8)	140 (83.1-220)	46	1	49	1	39	1
Saint Kitts and Nevis	1.5 (1.3-1.7)	8.6 (5.3-13)	1 (0.9-1.2)	8.5 (5.2-13.1)	1 (0.9-1.2)	9.8 (6.2-14.6)	3.6 (3.1-4)	20.3 (12.9-30.5)	3.2 (2.8-3.6)	27 (17.6-41.3)	3.5 (3-4)	32.8 (21.4-49.2)	9	1	9	1	5	1
Saint Lucia	1.6 (1.4-1.8)	9.1 (5.5-13.8)	1.2 (1-1.4)	9.4 (5.8-14.2)	1.1 (1-1.4)	10.7 (6.2-16.3)	4.2 (3.9-4.6)	24.2 (14.7-36.2)	3.2 (3-3.6)	25.1 (15.5-36.7)	4.2 (3.7-4.8)	39.6 (24-57.4)	5	1	4	1	4	1
Saint Vincent and the Grenadines	1.8 (1.5-2.2)	9.3 (5.7-14.3)	1.2 (1.1-1.4)	9.8 (6-14.9)	1.7 (1.4-2)	10.7 (6.7-16)	3.4 (3-3.8)	17.6 (10.6-26.2)	3.2 (2.9-3.7)	26 (15.3-40)	4.1 (3.6-4.8)	25.8 (16.6-39.2)	7	1	6	1	2	1
Suriname	0.7 (0.5-1)	9.5 (5.9-14.1)	0.7 (0.5-1)	9.7 (6.2-14.6)	0.7 (0.4-0.9)	10.6 (6.7-15.8)	1.4 (0.9-2)	19 (12-28.1)	1.8 (1.2-2.3)	24 (15.6-35.3)	1.7 (1.1-2.3)	26.5 (17-39.5)	18	1	16	1	18	1
Trinidad and Tobago	0.9 (0.8-1.1)	9.4 (5.9-14.6)	0.6 (0.5-0.7)	9.1 (5.4-13.8)	0.6 (0.5-0.7)	10.2 (6.3-15.5)	2.4 (2.1-2.7)	24.2 (15.9-35.9)	2.2 (2-2.5)	32.6 (20.4-50.1)	2 (1.8-2.2)	37.1 (23.3-56.3)	12	1	14	1	16	1
United States Virgin Islands	0.3 (0.2-0.4)	7.7 (4.7-12)	0.2 (0.2-0.3)	7.9 (4.8-12.1)	0.1 (0.1-0.3)	9 (5.3-13.9)	1.3 (0.8-1.7)	32.3 (19.8-50.2)	1.2 (0.8-1.8)	42.2 (27-63.3)	1.1 (0.6-2.1)	70.3 (39.4-104)	19	1	22	1	22	1
Central Latin America	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.4 (0.2-0.5)	0.1 (0.1-0.1)	0.4 (0.3-0.6)	88	56	89	57	81	49
Colombia	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	0.2 (0.2-0.2)	0.2 (0.1-0.2)	0.3 (0.3-0.4)	0.2 (0.2-0.3)	58	77	65	70	53	69
Costa Rica	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	62	112	61	107	59	106
El Salvador	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	146	131	147	123	148	124
Guatemala	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	139	135	133	130	134	131
Honduras	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	144	143	146	141	149	140
Mexico	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.4 (0.3-0.6)	114	61	108	57	103	50
Aguascalientes	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	127	99	121	103	121	94
Baja California	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.3 (0.2-0.6)	0 (0-0)	0.4 (0.2-0.7)	0 (0-0)	0.5 (0.2-0.8)	111	58	107	53	101	49
Baja California Sur	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.4)	0.1 (0-0.1)	0.6 (0.3-1)	0.1 (0-0.1)	0.7 (0.3-1.2)	0.1 (0.1-0.1)	0.9 (0.4-1.6)	86	35	88	36	83	28

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
Campeche	0 (0-0)	0.3 (0.1-0.4)	0 (0-0)	0.3 (0.1-0.4)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0.1)	0.6 (0.4-1)	0 (0-0.1)	0.9 (0.5-1.4)	0.1 (0.1-0.1)	1.4 (0.9-2.3)	96	37	99	34	82	19
Chiapas	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0.1)	0.3 (0.2-0.4)	0 (0-0.1)	0.4 (0.2-0.6)	0.1 (0-0.1)	0.4 (0.3-0.7)	99	63	102	56	87	49
Chihuahua	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0.1 (0-0.3)	111	82	111	82	102	77
Coahuila	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.3 (0.2-0.5)	126	72	118	66	109	61
Colima	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0.1 (0-0.2)	0 (0-0.1)	0.2 (0.1-0.5)	0 (0-0.1)	0.3 (0.1-0.7)	0.1 (0.1-0.1)	0.3 (0.1-0.7)	94	70	96	56	85	61
Durango	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.3 (0.1-0.6)	125	82	119	66	112	59
Guanajuato	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	123	76	120	70	112	68
Guerrero	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0.1 (0-0.1)	0.7 (0.4-0.9)	0.1 (0-0.1)	0.9 (0.6-1.2)	0.1 (0.1-0.1)	1.4 (0.9-2)	101	37	94	28	86	19
Hidalgo	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0.1 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.4)	123	82	117	77	109	68
Jalisco	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.3 (0.1-0.5)	0 (0-0)	0.2 (0.1-0.4)	118	68	111	62	103	67
México	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.3)	123	87	119	84	110	72
Mexico City	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.2 (0.2-0.4)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	122	66	117	67	111	62
Michoacán de Ocampo	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.4)	0 (0-0)	0.3 (0.1-0.5)	120	74	116	66	108	59
Morelos	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0.3 (0.1-0.6)	0 (0-0)	0.3 (0.1-0.6)	0 (0-0)	0.3 (0.1-0.6)	112	63	111	59	101	59
Nayarit	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0.2 (0.1-0.4)	0 (0-0)	0.2 (0.1-0.5)	0 (0-0)	0.3 (0.1-0.6)	115	68	115	64	103	57
Nuevo León	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.4 (0.2-0.7)	0 (0-0)	0.6 (0.3-0.9)	0 (0-0)	0.4 (0.2-0.6)	110	54	106	40	102	49
Oaxaca	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0.1)	0.5 (0.3-0.7)	0 (0-0)	0.6 (0.4-0.9)	0.1 (0-0.1)	0.8 (0.5-1.1)	103	44	102	38	91	31
Puebla	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	121	83	119	77	107	70
Querétaro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	123	108	119	104	110	97
Quintana Roo	0 (0-0)	0.2 (0.1-0.4)	0 (0-0)	0.2 (0.1-0.4)	0 (0-0)	0.2 (0.1-0.4)	0 (0-0)	0.6 (0.3-1.2)	0 (0-0.1)	0.7 (0.4-1.2)	0 (0-0.1)	0.8 (0.4-1.3)	104	38	100	38	97	34
San Luis Potosí	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0.2 (0.1-0.4)	0 (0-0)	0.2 (0.1-0.5)	0 (0-0)	0.3 (0.1-0.7)	117	70	114	64	104	56
Sinaloa	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.4 (0.2-0.7)	0 (0-0)	0.5 (0.3-0.9)	122	60	123	50	115	34
Sonora	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0.3 (0.2-0.6)	0 (0-0)	0.3 (0.2-0.6)	0 (0-0)	0.3 (0.1-0.6)	120	61	119	60	107	59
Tabasco	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0.1)	0.6 (0.5-0.9)	0.1 (0.1-0.1)	1.3 (0.9-1.7)	0.1 (0.1-0.1)	1.4 (1.1-1.9)	0.1 (0.1-0.2)	1.8 (1.3-2.3)	86	19	84	18	74	18
Tamaulipas	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.7 (0.5-1.1)	0 (0-0)	1 (0.6-1.4)	0 (0-0.1)	1.7 (1-2.5)	103	32	98	26	93	14
Tlaxcala	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0.1 (0.1-0.3)	127	85	123	82	120	71
Veracruz de Ignacio de la Llave	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0.1 (0-0.1)	0.4 (0.3-0.6)	0.1 (0-0.1)	0.6 (0.4-0.8)	0.1 (0.1-0.1)	0.7 (0.4-1)	92	52	93	46	85	36
Yucatán	0 (0-0)	0.2 (0.1-0.4)	0 (0-0)	0.2 (0.1-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.9 (0.5-1.5)	0 (0-0.1)	1.1 (0.6-1.8)	107	37	105	31	100	26
Zacatecas	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	125	106	119	104	113	105

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
Nicaragua	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	145	135	144	126	145	117
Panama	0.4 (0.3-0.4)	0 (0-0)	0.3 (0.3-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	1 (0.9-1.1)	0 (0-0)	0.9 (0.8-1)	0 (0-0)	0.9 (0.8-1)	0 (0-0)	23	122	29	120	27	114
Venezuela (Bolivarian Republic of)	0.1 (0.1-0.1)	0.9 (0.6-1.2)	0.1 (0.1-0.1)	0.6 (0.4-0.8)	0.1 (0.1-0.1)	0.6 (0.4-0.8)	0.3 (0.2-0.3)	2.3 (1.6-3.1)	0.3 (0.3-0.3)	1.6 (1.1-2.3)	0.3 (0.2-0.4)	1.4 (0.9-1.9)	58	11	59	14	61	18
Tropical Latin America	0.2 (0.1-0.2)	1 (0.7-1.2)	0.2 (0.2-0.3)	0.9 (0.7-1.2)	0.1 (0.1-0.2)	1.2 (0.9-1.6)	0.4 (0.4-0.4)	2.4 (1.8-3.2)	0.6 (0.5-0.6)	2.5 (1.8-3.1)	0.6 (0.5-0.7)	5.6 (4-7.6)	53	10	41	10	38	3
Brazil	0.2 (0.1-0.2)	0.9 (0.7-1.2)	0.2 (0.2-0.3)	0.9 (0.7-1.2)	0.1 (0.1-0.2)	1.2 (0.9-1.6)	0.4 (0.4-0.4)	2.4 (1.8-3.1)	0.6 (0.5-0.6)	2.4 (1.8-3)	0.6 (0.5-0.7)	5.7 (4.1-7.6)	53	10	40	10	37	3
Acre	0.1 (0.1-0.2)	1.1 (0.8-1.5)	0.2 (0.1-0.2)	1.1 (0.7-1.5)	0.1 (0.1-0.2)	1.5 (1-2.1)	0.2 (0.2-0.3)	2.1 (1.4-3)	0.5 (0.4-0.6)	3 (2.1-4.1)	0.5 (0.4-0.6)	4.8 (3.3-6.9)	62	11	53	9	51	4
Alagoas	0.1 (0.1-0.2)	0.3 (0.2-0.4)	0.2 (0.2-0.2)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.2 (0.2-0.4)	0.3 (0.2-0.3)	0.6 (0.4-0.8)	0.4 (0.4-0.5)	0.6 (0.4-0.8)	0.5 (0.4-0.6)	1.1 (0.8-1.6)	58	42	50	38	46	25
Amapá	0.1 (0-0.1)	0.5 (0.3-0.8)	0.2 (0.1-0.2)	0.4 (0.3-0.7)	0.2 (0.1-0.2)	0.5 (0.3-0.9)	0.2 (0.1-0.2)	1.4 (0.8-2.2)	0.4 (0.3-0.5)	1.1 (0.6-1.8)	0.5 (0.4-0.5)	1.6 (0.9-2.8)	56	14	50	20	49	14
Amazonas	0.1 (0-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.3 (0.2-0.5)	0.1 (0.1-0.2)	0.7 (0.5-1)	0.3 (0.2-0.4)	0.6 (0.5-0.8)	0.3 (0.2-0.4)	1.1 (0.8-1.6)	68	30	60	38	57	20
Bahia	0.3 (0.3-0.4)	0.8 (0.6-1)	0.4 (0.3-0.5)	0.8 (0.6-1.1)	0.3 (0.2-0.3)	1.6 (1.1-2.2)	0.7 (0.6-0.8)	1.7 (1.3-2.3)	1.1 (0.9-1.2)	2.4 (1.7-3)	1.1 (0.9-1.3)	6.7 (4.6-9.2)	34	13	23	11	22	3
Ceará	0.1 (0.1-0.2)	0.2 (0.2-0.3)	0.2 (0.1-0.2)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.2 (0.2-0.3)	0.5 (0.3-0.7)	0.4 (0.3-0.5)	0.6 (0.4-0.8)	0.4 (0.3-0.5)	1.5 (1.1-2.2)	62	43	53	38	50	17
Distrito Federal	0.2 (0.2-0.3)	3.5 (2.6-4.5)	0.3 (0.3-0.4)	3.1 (2.3-4)	0.1 (0.1-0.1)	3 (2.2-4.1)	0.7 (0.5-0.7)	10.2 (7.7-13.6)	1 (0.8-1.1)	8.7 (6.6-11)	0.8 (0.6-0.9)	19.3 (13.9-26.2)	30	2	25	1	27	1
Espírito Santo	0.2 (0.1-0.2)	2.1 (1.6-2.7)	0.3 (0.3-0.4)	2.1 (1.6-2.7)	0.2 (0.1-0.2)	2.7 (1.9-3.5)	0.4 (0.4-0.5)	5.3 (4-7)	0.7 (0.6-0.8)	4.5 (3.4-5.8)	0.7 (0.6-0.8)	10.4 (7.3-13.9)	45	4	28	6	31	1
Goias	0.2 (0.2-0.3)	1.2 (0.9-1.5)	0.3 (0.3-0.4)	1.2 (0.9-1.5)	0.2 (0.1-0.2)	1.6 (1.2-2.2)	0.5 (0.4-0.6)	2.7 (2.1-3.6)	0.7 (0.6-0.8)	2.8 (2-3.6)	0.7 (0.6-0.8)	7.1 (5.1-9.5)	45	10	30	10	29	2
Maranhão	0.4 (0.2-0.5)	0.7 (0.5-1)	0.3 (0.3-0.4)	0.7 (0.5-0.9)	0.2 (0.1-0.2)	0.8 (0.6-1.2)	0.6 (0.4-0.8)	1.2 (0.9-1.6)	0.7 (0.5-0.8)	1.4 (0.9-1.9)	0.8 (0.6-0.9)	3.4 (2.5-4.8)	41	18	35	17	35	9
Mato Grosso	0.1 (0.1-0.2)	0.5 (0.4-0.7)	0.3 (0.2-0.3)	0.5 (0.4-0.7)	0.2 (0.1-0.2)	0.8 (0.5-1)	0.4 (0.3-0.4)	1.3 (0.9-1.9)	0.6 (0.5-0.7)	1.2 (0.8-1.6)	0.6 (0.5-0.7)	2.8 (2-4)	54	18	40	20	36	9
Mato Grosso do Sul	0.1 (0-0.1)	0.5 (0.4-0.7)	0.1 (0.1-0.2)	0.5 (0.3-0.7)	0.1 (0.1-0.1)	0.7 (0.5-1)	0.2 (0.1-0.3)	1.4 (1-2)	0.3 (0.2-0.4)	1.2 (0.8-1.6)	0.3 (0.2-0.4)	2.7 (1.8-3.8)	63	17	60	25	55	12
Minas Gerais	0.2 (0.1-0.2)	1.5 (1.1-1.9)	0.3 (0.2-0.4)	1.5 (1.1-1.9)	0.2 (0.1-0.2)	1.9 (1.4-2.5)	0.5 (0.4-0.6)	4.4 (3.3-5.9)	0.8 (0.7-1)	4 (3-4.9)	0.9 (0.7-1.1)	9.6 (7-12.9)	40	5	30	7	27	1
Pará	0.1 (0.1-0.1)	0.5 (0.4-0.6)	0.2 (0.2-0.3)	0.4 (0.3-0.5)	0.1 (0.1-0.2)	0.5 (0.3-0.7)	0.3 (0.2-0.3)	1.1 (0.8-1.4)	0.5 (0.4-0.6)	0.9 (0.7-1.1)	0.5 (0.4-0.6)	1.8 (1.3-2.6)	59	15	50	31	45	13
Paraíba	0.1 (0.1-0.2)	0.3 (0.3-0.5)	0.2 (0.1-0.2)	0.3 (0.2-0.5)	0.1 (0.1-0.1)	0.5 (0.3-0.7)	0.3 (0.3-0.4)	0.8 (0.6-1.1)	0.4 (0.3-0.5)	0.8 (0.6-1.1)	0.5 (0.4-0.6)	2.5 (1.8-3.4)	56	30	51	30	49	11
Paraná	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.4 (0.3-0.6)	0.2 (0.2-0.2)	0.7 (0.5-1)	0.3 (0.2-0.3)	0.6 (0.4-0.8)	0.3 (0.3-0.3)	2 (1.4-2.8)	64	33	58	36	59	14
Pernambuco	0.1 (0.1-0.2)	0.2 (0.1-0.3)	0.2 (0.2-0.3)	0.2 (0.1-0.3)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.3 (0.2-0.4)	0.4 (0.3-0.5)	0.5 (0.4-0.6)	0.4 (0.3-0.6)	0.5 (0.4-0.6)	1.6 (1.1-2.3)	60	51	48	55	50	18
Piauí	0.3 (0.2-0.4)	1.3 (1-1.7)	0.6 (0.4-0.7)	1.2 (0.9-1.6)	0.2 (0.1-0.3)	1.5 (1.1-2.1)	0.7 (0.5-0.9)	3.2 (2.4-4.5)	1.1 (0.8-1.3)	2.3 (1.7-3)	1.1 (0.6-1.3)	6.6 (4.8-8.7)	29	8	21	10	22	3
Rio de Janeiro	0.2 (0.2-0.2)	2 (1.6-2.5)	0.3 (0.2-0.3)	1.9 (1.4-2.3)	0.2 (0.1-0.2)	2.1 (1.6-2.7)	0.5 (0.5-0.6)	5.7 (4.4-7.3)	0.7 (0.6-0.8)	4.9 (3.7-5.9)	0.8 (0.7-0.9)	10.2 (7.6-12.9)	37	5	28	6	31	2
Rio Grande do Norte	0.1 (0.1-0.1)	0.3 (0.2-0.5)	0.1 (0.1-0.2)	0.3 (0.2-0.5)	0.1 (0.1-0.1)	0.5 (0.3-0.7)	0.3 (0.2-0.3)	0.8 (0.5-1.1)	0.4 (0.3-0.5)	1 (0.6-1.4)	0.5 (0.4-0.6)	2.2 (1.3-3.4)	63	33	52	26	47	13
Rio Grande do Sul	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.5 (0.4-0.7)	0.2 (0.2-0.2)	1 (0.8-1.3)	0.3 (0.3-0.4)	1.1 (0.8-1.4)	0.4 (0.3-0.4)	2.5 (1.8-3.4)	62	21	58	25	57	12
Rondônia	0.1 (0.1-0.1)	1.2 (0.9-1.6)	0.2 (0.1-0.2)	1.2 (0.9-1.7)	0.1 (0-0.1)	1.6 (1.1-2.2)	0.2 (0.1-0.2)	2.9 (2.1-3.9)	0.3 (0.3-0.4)	2.5 (1.8-3.4)	0.3 (0.2-0.4)	8.7 (6.1-12.1)	61	7	54	11	54	2
Roraima	0.1 (0.1-0.1)	1.8 (1.2-2.5)	0.2 (0.1-0.2)	1.3 (0.9-1.9)	0.1 (0.1-0.2)	1.6 (1-2.2)	0.1 (0.1-0.2)	3.2 (2.2-4.2)	0.3 (0.2-0.3)	2.4 (1.6-3.4)	0.3 (0.2-0.4)	4.2 (2.8-5.9)	62	6	60	14	56	5
Santa Catarina	0 (0-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0 (0-0.1)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.5 (0.3-0.7)	0.2 (0.2-0.3)	0.5 (0.3-0.7)	0.2 (0.2-0.3)	1.1 (0.8-1.6)	69	41	63	44	62	22

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
São Paulo	0.1 (0.1-0.1)	1.3 (0.9-1.6)	0.2 (0.1-0.2)	1.3 (0.9-1.7)	0.1 (0.1-0.1)	1.8 (1.2-2.4)	0.3 (0.3-0.4)	4 (2.9-5.1)	0.6 (0.5-0.6)	4.4 (3.2-5.7)	0.5 (0.4-0.6)	10.4 (7.3-14)	58	6	41	7	48	2
Sergipe	0.2 (0.2-0.3)	0.8 (0.6-1.1)	0.3 (0.2-0.3)	0.8 (0.6-1.1)	0.2 (0.1-0.2)	1 (0.7-1.4)	0.5 (0.4-0.6)	1.9 (1.4-2.6)	0.8 (0.6-0.9)	2.3 (1.7-3.2)	0.8 (0.6-0.9)	4.4 (3-6)	46	13	32	10	32	6
Tocantins	0.2 (0.1-0.3)	1.9 (1.3-2.5)	0.3 (0.1-0.4)	1.9 (1.4-2.5)	0.2 (0.1-0.3)	2.6 (1.8-3.4)	0.5 (0.2-0.6)	3.7 (2.7-4.9)	0.7 (0.3-0.9)	4.8 (3.5-6.5)	0.8 (0.3-1)	10 (7.1-13.8)	49	6	29	5	28	3
Paraguay	0.1 (0-0.2)	1.4 (0.9-2.2)	0.1 (0.1-0.2)	1.4 (0.9-2.1)	0.1 (0-0.1)	1.4 (0.9-2.2)	0.3 (0.1-0.4)	3.9 (2.5-5.7)	0.3 (0.2-0.5)	4.4 (2.7-6.3)	0.2 (0.1-0.4)	4.8 (3.2-7.3)	59	6	59	5	63	6
North Africa and Middle East	0.2 (0.1-0.3)	2 (1.5-2.7)	0.2 (0.1-0.2)	2 (1.5-2.6)	0.1 (0.1-0.2)	1.6 (1.2-2.2)	0.2 (0.1-0.4)	2.5 (1.8-3.3)	0.3 (0.2-0.4)	3.2 (2.4-4.3)	0.2 (0.1-0.4)	3.6 (2.8-4.9)	60	9	60	6	63	9
North Africa and Middle East	0.2 (0.1-0.3)	2 (1.5-2.7)	0.2 (0.1-0.2)	2 (1.5-2.6)	0.1 (0.1-0.2)	1.6 (1.2-2.2)	0.2 (0.1-0.4)	2.5 (1.8-3.3)	0.3 (0.2-0.4)	3.2 (2.4-4.3)	0.2 (0.1-0.4)	3.6 (2.8-4.9)	60	9	60	6	63	9
Afghanistan	0.4 (0.2-0.6)	1.5 (1.1-2.1)	0.3 (0.2-0.6)	1.5 (1-2)	0.2 (0.1-0.4)	1.5 (1.1-2.1)	0.2 (0.1-0.3)	0.8 (0.6-1.1)	0.2 (0.1-0.4)	1.1 (0.8-1.6)	0.2 (0.1-0.3)	1.2 (0.9-1.7)	56	25	61	17	65	17
Algeria	0.1 (0-0.1)	0.3 (0.2-0.4)	0 (0-0.1)	0.3 (0.2-0.4)	0 (0-0.1)	0.3 (0.2-0.4)	0.1 (0-0.2)	0.4 (0.3-0.6)	0.1 (0-0.2)	0.7 (0.5-1)	0.1 (0-0.2)	1 (0.7-1.3)	76	42	74	35	79	22
Bahrain	1.6 (1.2-2.2)	8.4 (5.8-12.1)	1 (0.7-1.4)	7.1 (4.9-10.3)	0.8 (0.5-1.1)	7.1 (4.8-10.4)	3.5 (2.5-4.7)	17.6 (12.3-24.9)	3.9 (2.6-5.3)	27 (18.4-39.4)	3.5 (2.2-5)	32.1 (21.7-46.5)	7	1	7	1	8	1
Egypt	0.1 (0-0.1)	1.3 (0.9-1.7)	0.1 (0-0.1)	1.3 (0.9-1.8)	0 (0-0.1)	1.3 (0.9-1.8)	0.1 (0-0.2)	1.7 (1.2-2.4)	0.1 (0.1-0.2)	2.3 (1.6-3.1)	0.1 (0.1-0.2)	3.9 (2.8-5.3)	76	16	65	14	69	9
Iran (Islamic Republic of)	0.2 (0.1-0.4)	1.8 (1.2-2.6)	0.1 (0.1-0.2)	1.8 (1.2-2.7)	0.1 (0-0.2)	1.3 (0.9-1.9)	0.3 (0.1-0.5)	2.3 (1.5-3.3)	0.2 (0.1-0.3)	2.7 (1.8-3.8)	0.3 (0.1-0.5)	4 (2.6-5.7)	46	11	59	9	49	8
Alborz	0.1 (0-0.1)	1.5 (1-2.3)	0.1 (0-0.1)	1.5 (1-2.3)	0 (0-0.1)	1.1 (0.8-1.6)	0.1 (0.1-0.2)	2.6 (1.8-3.6)	0.1 (0.1-0.2)	3 (1.9-4.3)	0.1 (0.1-0.3)	4.4 (3-6.3)	63	9	68	8	69	6
Ardebil	0.1 (0.1-0.2)	1.7 (1.1-2.5)	0.1 (0-0.1)	1.7 (1.1-2.5)	0 (0-0.1)	1.2 (0.8-1.8)	0.2 (0.1-0.3)	2.2 (1.4-3.2)	0.1 (0.1-0.2)	3.4 (2.3-4.9)	0.2 (0.1-0.3)	4.1 (2.5-6.1)	59	8	67	7	62	7
Bushehr	0.3 (0.1-0.5)	1.9 (1.3-2.7)	0.2 (0.1-0.3)	1.9 (1.3-2.7)	0.1 (0-0.2)	1.4 (1-2)	0.5 (0.2-0.9)	3.1 (2.1-4.4)	0.3 (0.1-0.6)	3.9 (2.7-5.6)	0.4 (0.2-0.8)	5.4 (3.7-8)	35	6	42	6	42	4
Chahar Mahaal and Bakhtiari	0.2 (0.1-0.4)	1.8 (1.2-2.6)	0.1 (0-0.1)	1.8 (1.2-2.6)	0.1 (0-0.1)	1.4 (1-2)	0.4 (0.2-0.6)	3.1 (2.2-4.2)	0.2 (0.1-0.4)	4.6 (3.1-6.6)	0.3 (0.1-0.5)	6.7 (4.8-9.6)	40	6	48	5	50	4
East Azarbaijejan	0.2 (0.1-0.3)	1.9 (1.2-2.9)	0.1 (0-0.1)	1.9 (1.3-2.9)	0 (0-0.1)	1.4 (0.9-2)	0.2 (0.1-0.3)	1.9 (1.2-2.9)	0.1 (0-0.2)	2.5 (1.7-3.6)	0.1 (0.1-0.2)	3.8 (2.5-5.7)	58	13	66	10	64	8
Fars	0.5 (0.2-0.9)	2.2 (1.4-3.2)	0.3 (0.1-0.4)	2.2 (1.4-3.2)	0.2 (0.1-0.3)	1.6 (1.1-2.3)	0.5 (0.2-0.9)	2.2 (1.4-3.3)	0.3 (0.2-0.5)	2.4 (1.6-3.5)	0.4 (0.2-0.7)	3.7 (2.5-5.2)	33	10	41	12	44	8
Gilan	0.2 (0.1-0.4)	1.5 (1-2.3)	0.1 (0.1-0.2)	1.6 (1-2.3)	0.1 (0-0.2)	1.1 (0.8-1.6)	0.3 (0.1-0.6)	2.6 (1.7-3.8)	0.2 (0.1-0.4)	3 (2-4.3)	0.3 (0.1-0.6)	4.2 (2.8-5.9)	39	10	49	9	46	6
Golestan	0.3 (0.1-0.5)	1.8 (1.2-2.7)	0.2 (0.1-0.3)	1.8 (1.2-2.8)	0.1 (0-0.2)	1.3 (0.9-2)	0.4 (0.2-0.6)	2.4 (1.6-3.6)	0.2 (0.1-0.4)	2.3 (1.5-3.4)	0.3 (0.1-0.6)	3.7 (2.4-5.5)	42	11	50	11	45	6
Hamadan	0.2 (0.1-0.3)	1.9 (1.2-2.9)	0.1 (0-0.1)	1.9 (1.3-2.8)	0.1 (0-0.1)	1.4 (1-2)	0.2 (0.1-0.3)	2.1 (1.4-3.2)	0.1 (0.1-0.2)	3.2 (2.1-4.6)	0.2 (0.1-0.3)	4.1 (2.7-5.9)	54	11	63	6	61	4
Hormozgan	0.5 (0.1-0.8)	1.8 (1.2-2.7)	0.3 (0.1-0.4)	1.8 (1.2-2.7)	0.2 (0-0.3)	1.3 (0.9-2)	0.6 (0.2-1)	2.3 (1.5-3.3)	0.4 (0.1-0.7)	3 (2-4.3)	0.6 (0.1-1)	4.2 (2.7-5.9)	33	10	38	9	36	4
Illam	0.2 (0.1-0.4)	1.8 (1.2-2.6)	0.2 (0.1-0.3)	1.8 (1.2-2.6)	0.1 (0-0.1)	1.3 (0.9-1.9)	0.3 (0.2-0.6)	2.5 (1.7-3.9)	0.2 (0.1-0.4)	2.7 (1.9-4)	0.3 (0.1-0.6)	5.4 (3.5-7.8)	39	8	50	9	51	4
Isfahan	0.2 (0.1-0.2)	1.8 (1.2-2.7)	0.1 (0-0.1)	1.8 (1.2-2.6)	0.1 (0-0.1)	1.4 (0.9-2)	0.2 (0.1-0.4)	2.7 (1.8-4)	0.2 (0.1-0.2)	3.1 (2.1-4.4)	0.2 (0.1-0.4)	4.4 (3-6.4)	49	11	61	11	56	5
Kerman	0.3 (0.1-0.5)	1.8 (1.2-2.7)	0.1 (0.1-0.2)	1.8 (1.2-2.6)	0.1 (0-0.2)	1.3 (0.9-1.9)	0.4 (0.2-0.7)	2.5 (1.6-3.7)	0.2 (0.1-0.4)	3.2 (2.1-4.6)	0.3 (0.1-0.6)	3.9 (2.6-5.7)	38	8	50	7	48	7
Kermanshah	0.2 (0.1-0.3)	1.9 (1.3-2.9)	0.1 (0.1-0.2)	1.9 (1.3-2.9)	0.1 (0-0.1)	1.4 (1-2)	0.2 (0.1-0.4)	2.4 (1.6-3.6)	0.2 (0.1-0.3)	3.1 (2.1-4.6)	0.2 (0.1-0.4)	4.2 (2.8-6)	48	10	62	7	59	6
Khorasan-e-Razavi	0.2 (0.1-0.3)	2 (1.3-2.9)	0.1 (0.1-0.2)	2 (1.3-3)	0.1 (0-0.1)	1.4 (1-2.1)	0.2 (0.1-0.3)	1.8 (1.1-2.6)	0.1 (0.1-0.2)	1.8 (1.2-2.7)	0.2 (0.1-0.3)	3.8 (2.6-5.4)	53	12	65	15	60	9
Khuzestan	0.4 (0.2-0.6)	2.1 (1.4-3.1)	0.3 (0.1-0.4)	2.1 (1.4-3)	0.2 (0.1-0.3)	1.6 (1.1-2.3)	0.5 (0.2-0.8)	3 (2-4.3)	0.4 (0.2-0.6)	2.9 (2-4.2)	0.5 (0.2-0.8)	4.3 (2.9-5.9)	33	7	40	9	40	7
Kohgiluyeh and Boyer-Ahmad	0.6 (0.3-0.9)	2.4 (1.6-3.5)	0.3 (0.2-0.5)	2.4 (1.6-3.5)	0.2 (0.1-0.4)	1.9 (1.3-2.7)	0.5 (0.3-0.8)	2.2 (1.5-3.1)	0.4 (0.2-0.6)	2.7 (1.9-3.9)	0.5 (0.2-0.9)	4.6 (3.1-6.6)	38	12	41	9	40	3
Kurdistan	0.1 (0.1-0.2)	1.8 (1.2-2.7)	0 (0-0.1)	1.9 (1.2-2.8)	0 (0-0.1)	1.4 (0.9-2)	0.1 (0.1-0.2)	2.1 (1.4-3.2)	0.1 (0-0.1)	2.7 (1.9-4)	0.1 (0.1-0.2)	4.1 (2.8-5.8)	57	10	69	9	72	5

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
Lorestan	0.2 (0.1-0.3)	1.7 (1.1-2.5)	0.1 (0-0.2)	1.7 (1.1-2.6)	0.1 (0-0.1)	1.3 (0.9-1.9)	0.3 (0.1-0.5)	2.7 (1.8-4.1)	0.3 (0.1-0.4)	4.2 (2.8-6.2)	0.3 (0.1-0.6)	6.3 (4-9.5)	43	7	52	4	48	4
Markazi	0.2 (0.1-0.3)	1.9 (1.2-2.8)	0.1 (0-0.1)	1.9 (1.2-2.8)	0 (0-0.1)	1.4 (0.9-2)	0.2 (0.1-0.3)	1.9 (1.3-2.8)	0.1 (0.1-0.2)	2.2 (1.5-3.2)	0.1 (0.1-0.3)	4.1 (2.7-6)	54	12	64	11	61	7
Mazandaran	0.2 (0.1-0.4)	1.5 (1-2.3)	0.2 (0.1-0.3)	1.6 (1-2.3)	0.1 (0-0.2)	1.1 (0.8-1.7)	0.4 (0.2-0.7)	2.5 (1.6-3.6)	0.3 (0.1-0.5)	2.8 (1.9-4.1)	0.4 (0.1-0.7)	4 (2.6-5.8)	42	10	45	9	46	8
North Khorasan	0.1 (0.1-0.2)	2 (1.3-3)	0.1 (0-0.1)	2 (1.3-3.1)	0 (0-0.1)	1.4 (1-2.2)	0.1 (0-0.2)	1.7 (1.1-2.6)	0.1 (0-0.1)	2.2 (1.5-3.2)	0.1 (0-0.2)	3.3 (2.2-4.8)	66	15	74	10	73	9
Qazvin	0.1 (0-0.1)	1.6 (1.1-2.4)	0 (0-0.1)	1.6 (1.1-2.4)	0 (0-0)	1.2 (0.8-1.7)	0.1 (0.1-0.2)	2.4 (1.5-3.5)	0.1 (0-0.1)	3.6 (2.4-5.3)	0.1 (0.1-0.2)	4.9 (3.2-7.4)	59	9	65	6	66	5
Qom	0.1 (0.1-0.2)	1.6 (1-2.4)	0.1 (0-0.1)	1.6 (1.1-2.4)	0 (0-0.1)	1.2 (0.8-1.7)	0.2 (0.1-0.3)	2.4 (1.6-3.5)	0.1 (0.1-0.2)	2.9 (2-4.3)	0.2 (0.1-0.3)	4.8 (3.1-6.7)	57	12	70	9	64	6
Semnan	0.2 (0.1-0.3)	1.5 (1-2.2)	0.1 (0-0.1)	1.5 (1-2.3)	0 (0-0.1)	1.1 (0.8-1.6)	0.3 (0.1-0.4)	2.4 (1.6-3.6)	0.2 (0.1-0.3)	3.4 (2.3-5)	0.2 (0.1-0.4)	4.6 (3-6.5)	47	10	60	5	55	4
Sistan and Baluchistan	0.5 (0.2-0.8)	2 (1.3-3)	0.3 (0.1-0.4)	2.1 (1.4-3.1)	0.2 (0.1-0.4)	1.5 (1-2.2)	0.4 (0.2-0.7)	2 (1.3-2.9)	0.3 (0.1-0.6)	2.6 (1.7-3.7)	0.4 (0.2-0.8)	3.3 (2.1-4.8)	37	12	49	7	45	6
South Khorasan	0.1 (0-0.2)	1.7 (1.1-2.6)	0.1 (0-0.1)	1.7 (1.1-2.6)	0 (0-0.1)	1.2 (0.8-1.8)	0.1 (0-0.2)	2.1 (1.4-3.1)	0.1 (0-0.1)	2.4 (1.6-3.5)	0.1 (0-0.2)	4.2 (2.8-6.1)	64	11	73	10	74	6
Tehran	0.3 (0.1-0.5)	1.4 (0.9-2.1)	0.2 (0.1-0.3)	1.4 (0.9-2)	0.1 (0-0.2)	1 (0.7-1.5)	0.5 (0.2-0.9)	2.5 (1.7-3.7)	0.3 (0.1-0.6)	3.1 (2-4.6)	0.4 (0.2-0.8)	3.4 (2.3-4.7)	43	10	52	9	49	8
West Azarbajejan	0.2 (0.1-0.3)	1.9 (1.2-2.9)	0.1 (0-0.2)	1.9 (1.3-2.9)	0.1 (0-0.1)	1.4 (0.9-2)	0.2 (0.1-0.3)	1.8 (1.1-2.6)	0.1 (0.1-0.2)	2 (1.3-2.9)	0.1 (0.1-0.3)	3.6 (2.4-5.4)	55	15	69	12	63	7
Yazd	0.1 (0.1-0.2)	1.7 (1.1-2.5)	0.1 (0-0.1)	1.7 (1.1-2.5)	0 (0-0.1)	1.3 (0.9-1.9)	0.2 (0.1-0.3)	2.5 (1.7-3.6)	0.1 (0.1-0.2)	2.4 (1.6-3.4)	0.1 (0.1-0.3)	3.7 (2.5-5.4)	55	11	66	12	64	9
Zanjan	0.1 (0-0.2)	1.6 (1.1-2.4)	0 (0-0.1)	1.6 (1.1-2.5)	0 (0-0.1)	1.2 (0.8-1.7)	0.1 (0.1-0.2)	2.1 (1.4-3.1)	0.1 (0-0.1)	3.4 (2.3-5)	0.1 (0-0.2)	4.3 (2.8-6.4)	56	9	72	6	74	4
Iraq	0.4 (0.2-0.6)	3.7 (2.6-5.1)	0.2 (0.1-0.4)	3.6 (2.6-5)	0.1 (0.1-0.2)	3.6 (2.6-5)	0.4 (0.2-0.6)	3.8 (2.7-5.3)	0.3 (0.2-0.5)	4.7 (3.3-6.7)	0.4 (0.2-0.6)	10.6 (7.7-14.8)	50	7	51	7	47	1
Jordan	0.1 (0.1-0.2)	1.1 (0.8-1.5)	0.1 (0-0.1)	1.1 (0.8-1.5)	0.1 (0-0.1)	1.1 (0.8-1.5)	0.2 (0.1-0.4)	1.9 (1.3-2.7)	0.2 (0.1-0.4)	4.2 (2.9-5.8)	0.2 (0.1-0.4)	4 (2.9-5.7)	55	13	54	7	58	9
Kuwait	0.1 (0.1-0.1)	1.1 (0.7-1.6)	0.1 (0.1-0.1)	1.1 (0.7-1.6)	0.1 (0-0.1)	1.1 (0.7-1.6)	0.3 (0.2-0.4)	3.5 (2.4-5.1)	0.3 (0.2-0.3)	4.1 (2.8-5.8)	0.3 (0.2-0.3)	5.8 (3.8-8.5)	49	8	54	6	55	5
Lebanon	0.1 (0-0.1)	0.7 (0.5-1)	0.1 (0-0.1)	0.7 (0.5-1)	0 (0-0.1)	0.8 (0.5-1)	0.2 (0.1-0.4)	2.3 (1.8-3.2)	0.2 (0.1-0.4)	3.3 (2.4-4.4)	0.2 (0.1-0.4)	4.2 (3-5.8)	55	11	55	8	62	5
Libya	0.3 (0.2-0.4)	15.7 (10.4-23)	0.3 (0.2-0.4)	15.6 (10-23.1)	0.3 (0.2-0.4)	14.9 (10.1-21.5)	0.7 (0.5-0.9)	36.8 (25.6-55.9)	0.6 (0.5-0.8)	31.6 (20-46.5)	0.7 (0.5-1)	32.9 (22.2-49)	32	1	33	1	32	1
Morocco	0.1 (0-0.1)	0.4 (0.3-0.5)	0.1 (0-0.1)	0.4 (0.3-0.5)	0 (0-0.1)	0.4 (0.3-0.5)	0.1 (0-0.2)	0.6 (0.4-0.9)	0.1 (0.1-0.2)	0.8 (0.6-1.2)	0.1 (0-0.2)	1.4 (1-2)	73	35	77	29	75	18
Oman	0.4 (0.2-0.5)	6.1 (4.5-8.2)	0.3 (0.2-0.5)	6.1 (4.4-8.1)	0.2 (0.1-0.2)	6.4 (4.7-8.7)	0.9 (0.6-1.2)	13.5 (10-18.9)	0.9 (0.6-1.4)	17.8 (13.2-23.8)	0.7 (0.4-1)	29.1 (20.8-38.6)	20	2	22	2	27	1
Palestine	0.1 (0-0.1)	1 (0.7-1.3)	0 (0-0.1)	0.9 (0.7-1.3)	0 (0-0.1)	0.9 (0.7-1.3)	0.1 (0-0.1)	1.3 (0.9-1.8)	0.1 (0.1-0.2)	2.6 (1.9-3.7)	0.1 (0.1-0.2)	3.4 (2.4-4.8)	62	14	67	14	65	10
Qatar	0.1 (0-0.1)	1.4 (1-2.1)	0 (0-0.1)	1.4 (1-2.1)	0 (0-0)	1.4 (1-2.1)	0.2 (0.1-0.3)	3.6 (2.5-5.1)	0.1 (0.1-0.2)	5.3 (3.8-7.7)	0.1 (0.1-0.3)	9.9 (6.7-14.7)	57	8	61	5	62	2
Saudi Arabia	0.3 (0.2-0.5)	6.7 (4.5-9.5)	0.1 (0.1-0.2)	5 (3.4-7.3)	0.1 (0.1-0.2)	2.1 (1.4-2.9)	0.7 (0.5-1)	15.5 (10.3-22.3)	0.5 (0.3-0.7)	19 (13.1-27.5)	0.7 (0.3-1.1)	13 (9-18)	32	1	40	1	36	1
Sudan	0.7 (0.4-1.1)	5.9 (4.1-8.6)	0.6 (0.3-0.9)	5.9 (4.1-8.4)	0.4 (0.2-0.7)	4.3 (3-6.1)	0.6 (0.3-0.8)	4.7 (3.2-7)	0.6 (0.4-0.9)	6.7 (4.6-9.7)	0.7 (0.4-1.1)	7.4 (5-10.8)	35	6	39	1	41	1
Syrian Arab Republic	0.1 (0.1-0.2)	0.6 (0.4-0.9)	0.1 (0-0.1)	0.6 (0.4-0.8)	0.1 (0-0.1)	0.5 (0.4-0.7)	0.2 (0.1-0.3)	0.9 (0.7-1.3)	0.2 (0.1-0.3)	1.3 (0.9-1.8)	0.1 (0.1-0.2)	1.2 (0.9-1.8)	61	26	64	21	68	25
Tunisia	0.1 (0-0.1)	1 (0.7-1.3)	0.1 (0-0.1)	1 (0.7-1.3)	0 (0-0.1)	1 (0.7-1.3)	0.2 (0.1-0.3)	2.2 (1.6-3.1)	0.2 (0.1-0.3)	2.9 (2.1-3.9)	0.2 (0.1-0.3)	3.9 (2.7-5.1)	62	13	64	9	67	8
Türkiye	0.1 (0-0.1)	0.4 (0.3-0.5)	0 (0-0.1)	0.4 (0.3-0.5)	0 (0-0)	0.4 (0.3-0.5)	0.1 (0.1-0.3)	0.8 (0.6-1)	0.1 (0.1-0.2)	1.2 (0.9-1.7)	0.1 (0.1-0.2)	1.6 (1.1-2.1)	72	27	78	19	81	16
United Arab Emirates	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0.1)	0.6 (0.5-0.9)	0 (0-0.1)	1 (0.8-1.4)	0 (0-0.1)	1.7 (1.2-2.3)	90	34	92	25	93	15
Yemen	0.1 (0-0.1)	0.4 (0.3-0.5)	0.1 (0-0.1)	0.4 (0.3-0.6)	0 (0-0.1)	0.4 (0.3-0.5)	0.1 (0-0.1)	0.4 (0.3-0.5)	0.1 (0-0.1)	0.5 (0.4-0.7)	0.1 (0-0.1)	0.5 (0.4-0.6)	77	40	82	37	85	35

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
South Asia	0.2 (0.1-0.3)	12.3 (7.7-19.1)	0.1 (0.1-0.2)	12.1 (7.5-18.7)	0.1 (0-0.1)	11.8 (7.4-18.3)	0.2 (0.1-0.2)	9 (5.6-13.8)	0.1 (0.1-0.2)	13.1 (8.4-20.2)	0.1 (0.1-0.2)	20.7 (13.6-32.2)	57	3	67	1	71	1
South Asia	0.2 (0.1-0.3)	12.3 (7.7-19.1)	0.1 (0.1-0.2)	12.1 (7.5-18.7)	0.1 (0-0.1)	11.8 (7.4-18.3)	0.2 (0.1-0.2)	9 (5.6-13.8)	0.1 (0.1-0.2)	13.1 (8.4-20.2)	0.1 (0.1-0.2)	20.7 (13.6-32.2)	57	3	67	1	71	1
Bangladesh	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	134	89	140	84	142	75
Bhutan	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	132	87	130	79	131	73
India	0.3 (0.2-0.4)	16.2 (10.1-25.1)	0.2 (0.1-0.2)	16.2 (10.1-25)	0.1 (0.1-0.1)	16.1 (10.1-25)	0.2 (0.1-0.3)	11.8 (7.3-17.9)	0.2 (0.1-0.3)	18.5 (11.7-28.3)	0.2 (0.1-0.3)	32.5 (21.2-52.4)	53	2	54	1	58	1
Nepal	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.3)	112	68	120	67	123	57
Pakistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	119	112	119	114	132	115
Azad Jammu & Kashmir	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	119	114	122	117	132	119
Balochistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	123	108	123	112	135	119
Gilgit-Baltistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	120	112	122	116	134	115
Islamabad Capital Territory	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	118	91	122	80	134	78
Khyber Pakhtunkhwa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	122	101	122	100	133	105
Punjab	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	114	112	118	117	132	120
Sindh	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	117	113	120	113	132	109
Southeast Asia, East Asia, and Oceania	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	137	97	140	90	142	71
East Asia	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.3 (0.2-0.5)	118	72	118	59	116	45
China	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.3 (0.2-0.5)	118	72	117	58	115	45
Democratic People's Republic of Korea	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.4)	120	71	118	67	119	55
Taiwan (Province of China)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.4 (0.2-0.6)	122	64	129	53	135	51
Oceania	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	154	136	155	137	158	141
American Samoa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	148	119	145	119	146	117
Cook Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	143	118	141	106	142	102
Fiji	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	143	132	142	124	145	127
Guam	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	148	125	145	121	152	115
Kiribati	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	144	134	143	132	144	132
Marshall Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	149	131	149	132	149	130
Micronesia (Federated States of)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	149	131	149	129	149	127
Nauru	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	149	134	148	132	149	130
Niue	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	148	128	148	124	149	119

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
Northern Mariana Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	149	119	149	121	152	115
Palau	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	143	119	143	118	144	115
Papua New Guinea	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	152	134	153	135	156	139
Samoa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	150	127	149	123	149	123
Solomon Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	151	133	153	135	153	134
Tokelau	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	148	128	148	123	149	115
Tonga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	149	127	148	124	148	118
Tuvalu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	149	132	148	128	149	124
Vanuatu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	149	132	150	130	152	129
Southeast Asia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	145	133	149	130	151	129
Cambodia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	152	137	154	133	155	127
Indonesia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	139	124	138	121	141	121
Aceh	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	124	137	121	142	119
Bali	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	130	118	131	118	142	109
Bangka-Belitung Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	138	123	139	117	144	118
Banten	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	125	135	123	139	121
Bengkulu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	128	133	124	137	123
Gorontalo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	124	134	123	139	125
Jakarta	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	122	135	118	141	111
Jambi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	121	138	121	143	117
West Java	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	123	136	121	139	119
Central Java	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	127	114	131	114	138	106
East Java	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	119	133	120	139	114
West Kalimantan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	142	125	139	122	144	113
South Kalimantan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	139	124	138	122	142	122
Central Kalimantan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	120	135	117	139	117
East Kalimantan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	123	134	119	140	114
North Kalimantan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	119	137	112	143	108
Riau Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	139	125	136	115	142	113

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
Lampung	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	122	135	121	139	120
Maluku	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	127	137	126	142	124
North Maluku	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	138	129	138	127	142	127
West Nusa Tenggara	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	125	134	121	142	121
East Nusa Tenggara	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	123	133	121	137	121
Papua	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	128	138	125	143	126
West Papua	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	124	139	124	142	119
Riau	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	126	137	122	141	112
West Sulawesi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	142	133	139	128	142	127
South Sulawesi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	140	123	140	122	145	123
Central Sulawesi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	140	126	137	122	143	124
Southeast Sulawesi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	129	136	123	141	124
North Sulawesi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	120	136	119	141	118
West Sumatra	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	139	127	138	121	143	118
South Sumatra	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	123	133	120	138	118
North Sumatra	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	122	135	120	138	120
Yogyakarta	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	138	113	139	109	143	97
Lao People's Democratic Republic	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	151	138	151	136	153	134
Malaysia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	141	121	148	107	145	100
Maldives	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	146	123	146	111	145	97
Mauritius	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.5 (0.4-0.6)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	38	96	59	93	68	88
Myanmar	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	150	138	153	140	154	134
Philippines	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	140	131	141	129	145	128
Abra	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	142	115	142	108	142	106
Agusan Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	139	135	139	136	139	122
Agusan Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	141	134	142	133	143	135
Aklan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	125	137	123	141	120
Albay	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	132	137	129	139	125
Antique	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	138	129	140	122	140	125

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
Apayao	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	132	129	133	120	134	124
Aurora	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	133	136	132	138	126
Basilan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	129	119	134	115	134	85
Bataan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	138	122	140	122	139	118
Batanes	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	111	135	111	138	110
Batangas	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	125	135	121	137	117
Benguet	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	130	123	134	117	133	102
Biliran	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	132	121	135	122	136	118
Bohol	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	140	126	139	128	142	129
Bukidnon	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	141	133	141	128	144	132
Bulacan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	121	141	119	140	121
Cagayan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	129	136	128	138	130
Camarines Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	126	140	129	138	129
Camarines Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	139	131	140	127	139	130
Camiguin	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	112	132	100	131	109
Capiz	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	133	139	130	139	127
Catanduanes	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	138	128	139	127	140	127
Cavite	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	120	139	119	137	118
Cebu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	139	134	141	124	145	123
Cotabato (North Cotabato)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	125	135	123	136	128
Davao de Oro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	140	127	142	121	142	129
Davao Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	138	125	139	124	142	127
Davao Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	141	129	141	126	141	95
Davao Occidental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	125	138	126	139	131
Davao Oriental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	140	132	143	129	143	137
Dinagat Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	119	136	118	137	132
Eastern Samar	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	128	139	126	144	133
Guimaras	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	115	136	121	140	110
Ifugao	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	123	137	117	140	122

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
Ilocos Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	132	124	133	120	136	123
Ilocos Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	120	137	120	136	116
Iloilo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	139	126	141	126	138	123
Isabela	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	125	136	124	136	120
Kalinga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	122	112	124	110	130	120
La Union	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	122	132	118	136	120
Laguna	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	138	126	140	124	139	120
Lanao Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	139	126	141	125	138	96
Lanao Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	130	139	122	136	114
Leyte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	132	140	130	140	128
Maguindanao	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	124	138	123	139	116
Marinduque	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	129	137	125	139	115
Masbate	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	138	134	139	136	143	135
Misamis Occidental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	132	136	131	141	131
Misamis Oriental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	139	135	138	130	139	122
Mountain Province	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	123	138	124	139	126
National Capital Region	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	128	136	128	136	117
Negros Occidental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	131	134	130	136	128
Negros Oriental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	131	135	128	137	132
Northern Samar	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	137	139	134	144	130
Nueva Ecija	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	120	135	119	138	119
Nueva Vizcaya	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	125	138	120	134	119
Occidental Mindoro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	129	134	125	136	128
Oriental Mindoro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	132	141	129	141	132
Palawan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	139	127	140	125	139	124
Pampanga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	131	120	135	120	134	118
Pangasinan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	125	135	121	136	123
Quezon	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	129	136	126	137	125
Quirino	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	131	121	135	120	137	125

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
Rizal	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	140	124	141	123	141	121
Romblon	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	130	135	127	138	129
Samar (Western Samar)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	138	137	140	136	143	138
Sarangani	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	139	119	141	114	142	126
Siquijor	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	125	137	115	141	116
Sorsogon	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	139	126	141	126	142	125
South Cotabato	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	139	130	141	126	138	123
Southern Leyte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	134	138	132	141	125
Sultan Kudarat	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	141	122	143	121	142	121
Sulu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	139	133	139	133	141	126
Surigao Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	140	138	143	132	145	135
Surigao Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	139	137	140	133	143	133
Tarlac	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	121	137	121	138	122
Tawi-Tawi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	118	138	112	132	104
Zambales	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	126	141	126	140	120
Zamboanga Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	139	129	141	123	142	128
Zamboanga Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	138	131	138	130	137	120
Zamboanga Sibugay	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	140	131	141	125	143	127
Seychelles	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	124	89	127	96	125	74
Sri Lanka	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	133	108	139	103	140	90
Thailand	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	153	122	155	115	157	104
Timor-Leste	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	145	132	146	129	149	129
Viet Nam	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	138	112	142	114	141	102
Sub-Saharan Africa	1.8 (1.4-2.6)	36.2 (26.8-49.1)	1.7 (1.3-2.5)	34.1 (25.3-45.8)	1.4 (1.1-2)	34.8 (25.7-47.3)	1 (0.7-1.4)	20 (14.9-27)	1.2 (0.9-1.8)	24.1 (18-32.3)	1.4 (1-2.1)	34.4 (25-49.4)	19	1	17	1	20	1
Central Sub-Saharan Africa	2.2 (0.7-5.6)	56.6 (41.1-73.5)	2.2 (0.7-6.5)	56.6 (41.8-72.6)	1.6 (0.5-5)	56.2 (40.8-72.4)	1.1 (0.3-3)	29.2 (21.4-38.1)	1.5 (0.5-4.5)	38.4 (28.6-49.2)	1.7 (0.5-5.2)	58.8 (43.3-81.3)	17	1	16	1	14	1
Angola	1.4 (0.3-2.9)	49.7 (35.2-67.4)	1.2 (0.3-2.2)	48.2 (34.8-64.8)	0.8 (0.2-1.4)	47.7 (34.1-65.8)	0.7 (0.1-1.3)	23.6 (16.7-31.8)	0.9 (0.2-1.6)	36.2 (26.1-48.6)	0.9 (0.3-1.5)	53.6 (37.9-77.7)	19	1	20	1	19	1
Central African Republic	1.8 (0.4-7.9)	36.6 (26.7-49.3)	1.9 (0.5-8.9)	36.4 (26.5-48.1)	1.6 (0.4-7.7)	36.1 (26.5-48.3)	0.7 (0.2-3.1)	14.3 (10.2-19.1)	0.8 (0.2-4)	15.9 (11.3-20.8)	0.9 (0.2-4.4)	20.7 (15-28.8)	19	1	19	1	21	1
Congo	1.9 (0.6-3.4)	22.5 (16.2-30)	1.7 (0.5-3.1)	22.3 (16.2-29.6)	1.1 (0.4-2.3)	21.1 (15.8-28)	1.1 (0.3-1.9)	13.3 (9.4-17.6)	1.5 (0.4-2.6)	19.5 (14.2-26.1)	1.4 (0.5-3)	27.1 (21-36.1)	18	1	14	1	14	1
Democratic Republic of the Congo	2.5 (0.6-7.1)	62.2 (44.5-79.6)	2.6 (0.6-8.6)	62.6 (46.2-80)	2 (0.4-6.8)	62.7 (45.2-79.6)	1.3 (0.3-3.9)	32.9 (23.8-42.5)	1.8 (0.4-5.8)	41.8 (30.8-53.9)	2.1 (0.5-7.1)	66.4 (47.4-91)	16	1	16	1	13	1

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
Equatorial Guinea	1.7 (0.1-3.1)	70.5 (52.7-95.3)	1.3 (0.1-2.3)	69.5 (51.3-92.6)	0.9 (0.1-3.1)	67.3 (48.8-89.6)	1.1 (0.1-1.9)	45.4 (33.4-65.9)	1.1 (0.1-2)	63.8 (44.7-93.8)	0.8 (0.1-1.6)	68.5 (30.1-103)	16	1	14	1	16	1
Gabon	1.5 (0.1-2.9)	32.2 (22.2-44.5)	1.4 (0.1-2.7)	31.3 (21.9-44.2)	1 (0-2.4)	30.1 (21.1-42.6)	1.5 (0.1-3)	32.2 (21.8-45.8)	1.5 (0.1-3)	34.2 (23.4-48.4)	1.5 (0.1-3.6)	45.3 (30.3-70.6)	16	1	14	1	15	1
Eastern Sub-Saharan Africa	0.5 (0.3-0.9)	14 (10-19.4)	0.5 (0.3-1.1)	14.1 (10-19.6)	0.4 (0.2-0.9)	14.1 (9.9-19.5)	0.3 (0.2-0.5)	7.6 (5.4-10.3)	0.4 (0.2-0.8)	10.7 (7.8-14.4)	0.4 (0.2-0.9)	15.2 (10.7-22)	51	5	43	1	46	1
Burundi	0.5 (0.2-0.8)	2.7 (2-3.8)	0.4 (0.2-0.7)	2.5 (1.8-3.5)	0.3 (0.2-0.5)	2.4 (1.8-3.4)	0.1 (0.1-0.2)	0.9 (0.6-1.2)	0.3 (0.2-0.5)	1.8 (1.3-2.4)	0.3 (0.2-0.5)	2.5 (1.8-3.9)	52	17	45	15	50	9
Comoros	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0.1)	0.2 (0.1-0.3)	0.1 (0-0.1)	0.3 (0.2-0.4)	95	61	94	55	92	61
Djibouti	0.2 (0.1-0.3)	0.8 (0.5-1.2)	0.1 (0.1-0.2)	0.8 (0.5-1.2)	0.1 (0-0.2)	0.8 (0.5-1.2)	0.1 (0.1-0.2)	0.6 (0.4-1)	0.1 (0.1-0.2)	0.8 (0.5-1.2)	0.1 (0.1-0.3)	1.1 (0.7-1.7)	73	27	76	25	76	23
Eritrea	0.2 (0.1-0.3)	0.9 (0.6-1.4)	0.2 (0.1-0.3)	0.9 (0.6-1.4)	0.1 (0.1-0.3)	0.9 (0.6-1.4)	0.1 (0-0.2)	0.6 (0.4-0.9)	0.1 (0.1-0.2)	0.8 (0.5-1.2)	0.2 (0.1-0.3)	1.1 (0.8-1.7)	74	26	74	23	73	21
Ethiopia	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0.1)	0.2 (0.1-0.3)	115	75	114	68	112	70
Addis Ababa	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0.1)	0.3 (0.2-0.4)	116	74	115	61	112	51
Afar	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	117	81	119	73	117	74
Amhara	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0.1)	0.2 (0.1-0.3)	116	76	114	68	111	65
Benishangul-Gumuz	0.1 (0-0.1)	0.2 (0.1-0.3)	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0.1)	0.2 (0.1-0.3)	118	76	113	70	109	70
Dire Dawa	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0.1)	0.2 (0.1-0.3)	113	80	113	67	110	65
Gambella	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	113	76	108	66	113	65
Haran	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	113	75	114	66	112	60
Oromia	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0.1)	0.2 (0.1-0.3)	115	72	113	66	110	66
Somali	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	116	72	114	67	115	71
Southern Nations, Nationalities, and Peoples	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0.1)	0.2 (0.1-0.3)	113	75	112	70	112	70
Tigray	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0.1)	0.2 (0.1-0.4)	113	74	113	67	110	63
Kenya	0.5 (0.3-0.7)	49.5 (31.1-76.8)	0.6 (0.4-0.8)	49.9 (31.6-77.8)	0.4 (0.3-0.7)	52.6 (33.3-80.7)	0.4 (0.3-0.6)	43.8 (27.4-67.6)	0.6 (0.4-0.8)	47.2 (30.3-69.1)	0.6 (0.4-1)	80.7 (53.7-124)	28	1	26	1	30	1
Baringo	0.6 (0.4-0.8)	45.9 (27.9-73)	0.6 (0.4-0.9)	46.3 (28.7-74.5)	0.4 (0.2-0.8)	48.1 (30-73.8)	0.4 (0.3-0.6)	33 (19.8-50)	0.5 (0.4-0.7)	38.8 (24.9-58.6)	0.5 (0.3-0.8)	59.9 (36.1-89.7)	35	1	32	1	34	1
Bomet	0.1 (0-0.2)	37.5 (22.5-58.8)	0.2 (0.1-0.4)	37.9 (22.4-62.5)	0.2 (0.1-0.5)	40.3 (24.3-66.9)	0.1 (0-0.3)	59.9 (36.9-100)	0.2 (0.1-0.5)	54 (33.4-91.4)	0.4 (0.2-0.9)	82.9 (47.8-130)	37	1	33	1	30	1
Bungoma	0.5 (0.3-0.9)	51.5 (32.3-80.4)	0.7 (0.4-1.2)	52.6 (32.7-82.1)	0.4 (0.2-0.7)	54.8 (34.2-87)	0.5 (0.3-0.8)	45.4 (28.9-73.2)	0.8 (0.4-1.3)	60.9 (36.4-91.2)	0.7 (0.4-1.2)	103 (60.6-167)	22	1	23	1	27	1
Busia	1 (0.4-1.7)	70.7 (45.2-112)	1.2 (0.4-2.5)	70.8 (45.5-107)	0.8 (0.3-1.6)	75.5 (46.8-116)	0.6 (0.2-1.1)	43.4 (27-71.6)	1 (0.3-1.8)	55.3 (34.6-81.2)	1.1 (0.4-2.1)	103 (66.9-160)	19	1	18	1	20	1
Elgeyo-Marakwet	0.3 (0.2-0.6)	40.6 (24.1-68.1)	0.4 (0.2-0.7)	41.3 (25-65.1)	0.3 (0.1-0.5)	43.1 (25.6-69.9)	0.3 (0.2-0.6)	46 (27.8-75.3)	0.5 (0.3-0.8)	56.2 (33.8-89.7)	0.5 (0.3-1)	91.4 (52.9-140)	34	1	29	1	35	1
Embu	0.2 (0.1-0.4)	36.7 (21.8-59.2)	0.3 (0.2-0.6)	36.6 (22.3-58.9)	0.2 (0.1-0.5)	38.3 (22.9-64.2)	0.3 (0.1-0.6)	51.2 (30-89.6)	0.4 (0.2-0.7)	47.4 (29.2-77.4)	0.5 (0.2-0.9)	79.9 (48.3-126)	36	1	35	1	39	1
Garissa	0.4 (0.2-0.6)	41.6 (25-66.3)	0.3 (0.2-0.6)	42.1 (25.6-67)	0.3 (0.1-0.5)	44.1 (27-68.6)	0.3 (0.2-0.5)	37.4 (21.9-64.2)	0.4 (0.2-0.7)	49.6 (30-71.9)	0.5 (0.2-0.9)	77.7 (48.4-120)	39	1	34	1	36	1
Homa Bay	1.5 (0.4-2.8)	95.3 (60.6-142)	1.7 (0.4-3.1)	96 (61.9-147)	1.3 (0.3-3.1)	101 (65.4-151)	0.6 (0.2-1.1)	39.5 (24.9-58.5)	0.7 (0.1-1.3)	40.6 (26.5-54.4)	1.1 (0.3-2.3)	91.6 (53.6-145)	20	1	18	1	17	1
Isiolo	0.6 (0.4-0.9)	50 (30.7-78.7)	0.7 (0.5-1.1)	50 (31.3-75.5)	0.4 (0.2-0.7)	52.1 (33.5-80.6)	0.3 (0.2-0.5)	26.4 (14.8-43.5)	0.4 (0.3-0.7)	30.2 (19.8-44.2)	0.4 (0.2-0.7)	49 (32.1-78.5)	35	1	30	1	41	1

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
Kajiado	0.2 (0.1-0.4)	38.3 (22.6-62.4)	0.3 (0.1-0.4)	38.8 (23.2-62.2)	0.1 (0-0.3)	40.1 (24-66.5)	0.2 (0.1-0.5)	47.1 (26.3-77.6)	0.3 (0.2-0.6)	51.5 (31.1-78.3)	0.3 (0.1-0.8)	96 (52.2-147)	39	1	35	1	39	1
Kakamega	0.7 (0.4-1.1)	56.6 (34.5-89.7)	0.8 (0.5-1.3)	57.3 (36.9-89.1)	0.6 (0.3-1.1)	60.2 (38.5-92.5)	0.5 (0.3-0.6)	35.9 (22.8-59.9)	0.7 (0.4-1)	48 (31.2-72.7)	0.9 (0.5-1.4)	88.1 (59.5-136)	26	1	24	1	27	1
Kericho	0.2 (0.1-0.4)	38.5 (22.7-62.5)	0.3 (0.1-0.5)	39.1 (22.8-61)	0.2 (0.1-0.4)	40.9 (25.4-64.4)	0.3 (0.1-0.5)	53.3 (28.5-84.1)	0.4 (0.2-0.7)	56.3 (35.6-88.6)	0.4 (0.2-0.8)	83.8 (53.2-122)	35	1	33	1	36	1
Kiambu	0.3 (0.2-0.5)	38.4 (23-61.3)	0.4 (0.3-0.7)	38.9 (23-61.6)	0.2 (0.1-0.5)	40.1 (24-64.1)	0.4 (0.2-0.6)	44.6 (25.3-76.2)	0.5 (0.3-0.9)	47.4 (29.4-69.8)	0.4 (0.2-0.8)	85.3 (47.6-147)	33	1	31	1	37	1
Kilifi	0.7 (0.3-1.1)	42.6 (29.2-61)	0.9 (0.4-1.6)	43.5 (29.6-63.3)	0.5 (0.2-1.1)	49.4 (33.7-72.7)	0.5 (0.2-0.9)	34.5 (23.9-50.7)	0.9 (0.4-1.6)	43.3 (28.5-60.2)	0.9 (0.4-1.8)	85.9 (55.3-142)	21	1	18	1	24	1
Kirinyaga	0.3 (0.1-0.5)	37.6 (22.5-61.4)	0.4 (0.2-0.6)	38.3 (23.4-62)	0.3 (0.1-0.5)	40.1 (24.2-66.3)	0.3 (0.2-0.6)	45.1 (27.5-73.2)	0.5 (0.3-0.7)	48 (28.9-73.3)	0.4 (0.2-0.8)	72.2 (40-131)	35	1	34	1	38	1
Kisii	1 (0.5-1.5)	58.1 (36.4-91.8)	1 (0.5-1.5)	58.9 (37.2-92.1)	0.7 (0.3-1.3)	61.1 (39-94.7)	0.8 (0.4-1.1)	44.4 (27.2-71)	1 (0.5-1.5)	60.4 (37.8-90.8)	1.2 (0.6-2)	104 (64.2-153)	19	1	18	1	21	1
Kisumu	0.8 (0.4-1.2)	107 (75-150)	0.9 (0.5-1.4)	108 (75-153)	0.6 (0.3-1.2)	110 (78.3-154)	0.4 (0.3-0.7)	60.8 (41.4-86.4)	0.6 (0.3-0.8)	68.1 (50.1-91.3)	0.8 (0.4-1.3)	141 (93-195)	24	1	24	1	23	1
Kitui	0.3 (0.1-0.5)	40.3 (24.8-64.4)	0.3 (0.1-0.5)	40.5 (24.2-64.4)	0.2 (0.1-0.4)	42.1 (25.2-68.4)	0.3 (0.1-0.5)	40.9 (23.9-68.2)	0.3 (0.2-0.6)	47 (27.5-74.6)	0.4 (0.2-0.7)	80 (48.7-139)	36	1	35	1	41	1
Kwale	0.8 (0.3-1.4)	61.5 (38.2-94.9)	0.9 (0.4-1.4)	61.8 (39.4-95)	0.6 (0.2-1.1)	64.6 (40.3-102)	0.6 (0.3-1)	48.3 (30.8-74.5)	0.9 (0.4-1.3)	56.5 (35.1-86.3)	0.9 (0.3-1.5)	99.9 (57.9-175)	20	1	21	1	25	1
Laikipia	0.2 (0.1-0.4)	35.9 (21.2-60.3)	0.2 (0.1-0.4)	35.9 (21-58.2)	0.1 (0-0.3)	38 (22.1-60.2)	0.2 (0.1-0.5)	48 (29.5-85.4)	0.3 (0.1-0.6)	56.1 (31.4-89.7)	0.3 (0.1-0.6)	96.7 (52.8-152)	38	1	34	1	42	1
Lamu	0.4 (0.3-0.7)	43.4 (26.4-68.6)	0.6 (0.3-0.9)	43.9 (27.6-71.6)	0.4 (0.1-0.7)	45.4 (27.7-71.8)	0.3 (0.2-0.5)	33.9 (20.7-58.6)	0.5 (0.3-0.7)	38.7 (25.7-59.7)	0.5 (0.2-0.8)	61.3 (36.3-109)	33	1	31	1	39	1
Machakos	0.2 (0.1-0.4)	36.6 (21.5-59.9)	0.3 (0.1-0.5)	37.2 (22-62.5)	0.2 (0.1-0.3)	38.5 (22.8-61.5)	0.3 (0.1-0.5)	50.3 (28.9-83.4)	0.4 (0.2-0.8)	54.2 (32.6-89.7)	0.4 (0.2-0.8)	90 (51.8-144)	33	1	33	1	38	1
Makueni	0.1 (0.1-0.3)	39.8 (23.9-65.4)	0.2 (0.1-0.4)	39.8 (24.2-64.4)	0.1 (0.1-0.3)	41.7 (24.6-65.8)	0.2 (0.1-0.4)	48.1 (27-78)	0.2 (0.1-0.4)	45.4 (27.5-70.4)	0.3 (0.1-0.6)	87.9 (52.2-143)	39	1	35	2	41	1
Mandera	0.4 (0.2-0.6)	45.7 (27.9-71.4)	0.4 (0.3-0.7)	45.7 (28.2-73)	0.4 (0.2-0.6)	47.6 (29.8-74.2)	0.3 (0.2-0.4)	33 (19.7-52.9)	0.3 (0.2-0.6)	38 (24.4-56.8)	0.4 (0.2-0.7)	54.9 (32.8-85.4)	42	1	36	1	37	1
Marsabit	0.3 (0.1-0.6)	43.5 (26.6-70.3)	0.4 (0.2-0.8)	43.4 (26.6-68.6)	0.3 (0.1-0.6)	45.4 (28.4-71.7)	0.3 (0.1-0.5)	41 (24.5-67.8)	0.4 (0.2-0.6)	36.6 (23.5-57.1)	0.4 (0.2-0.6)	55.9 (35.2-88.3)	40	1	33	1	39	1
Meru	0.2 (0.1-0.4)	38.4 (23.3-61.8)	0.3 (0.2-0.6)	38.7 (22.9-62.5)	0.3 (0.1-0.5)	40.4 (24-65.3)	0.2 (0.1-0.5)	53.4 (33-84)	0.4 (0.2-0.7)	44 (26.6-67.2)	0.4 (0.2-0.8)	65.5 (39.8-104)	38	1	33	1	37	1
Migori	1.6 (0.4-3.1)	91.5 (58.9-138)	2.1 (0.5-3.9)	92.4 (58.8-141)	1.5 (0.3-3)	98.2 (62.7-151)	0.7 (0.2-1.3)	42.4 (26.2-67.7)	1 (0.2-1.6)	43 (25.9-61.1)	1.3 (0.3-2.3)	89.4 (55.6-140)	18	1	16	1	17	1
Mombasa	0.3 (0.1-0.6)	49.7 (30.8-79.9)	0.5 (0.3-0.9)	49.6 (31.2-77.5)	0.3 (0.1-0.7)	52.3 (32.3-80.6)	0.3 (0.2-0.5)	45.7 (25.6-76.4)	0.5 (0.3-0.8)	49.5 (29.7-76.7)	0.6 (0.3-1.2)	102 (58.8-176)	26	1	25	1	28	1
Murang'a	0.2 (0.1-0.4)	36.2 (21.1-58.7)	0.3 (0.2-0.6)	36.5 (21.4-58.5)	0.2 (0.1-0.4)	38 (22.4-60)	0.3 (0.2-0.5)	52.6 (29.6-83.4)	0.4 (0.2-0.7)	48.3 (28.4-75.2)	0.4 (0.2-0.8)	79.6 (42.5-145)	35	1	35	1	40	1
Nairobi	0.4 (0.3-0.6)	40.5 (24.3-66.4)	0.4 (0.3-0.7)	41 (24.1-66)	0.2 (0.1-0.4)	42.7 (26.1-68.5)	0.4 (0.3-0.6)	38 (22.1-64.7)	0.5 (0.3-0.7)	44.1 (25.8-69.6)	0.4 (0.2-0.8)	99 (52-190)	34	1	31	1	36	1
Nakuru	0.2 (0.1-0.4)	36.9 (21.6-60.1)	0.3 (0.1-0.6)	36.4 (21.3-59.1)	0.3 (0.1-0.5)	38.5 (23.5-61.2)	0.3 (0.1-0.6)	49.7 (30.1-76.7)	0.4 (0.2-0.7)	46.5 (27-75)	0.5 (0.2-1)	74.6 (45.2-117)	37	1	32	1	36	1
Nandi	0.2 (0.1-0.4)	40.1 (24-66.1)	0.3 (0.1-0.5)	40.4 (24.4-65.3)	0.2 (0.1-0.4)	42.2 (25.6-68.2)	0.3 (0.1-0.5)	52 (29.6-82.6)	0.4 (0.2-0.7)	59.1 (36.2-95.4)	0.5 (0.2-1)	92 (54.2-147)	34	1	31	1	32	1
Narok	0.2 (0.1-0.4)	42.5 (26-67.5)	0.3 (0.1-0.5)	42.6 (25.3-67)	0.3 (0.1-0.6)	44.9 (26.7-70.9)	0.2 (0.1-0.5)	47.6 (27.9-77.8)	0.3 (0.2-0.6)	50.1 (29.9-82.2)	0.5 (0.2-1)	81.2 (44.1-140)	42	1	35	1	32	1
Nyamira	0.4 (0.2-0.7)	49.1 (30.4-77.5)	0.7 (0.4-1)	49.2 (29.4-80)	0.5 (0.3-0.9)	51.8 (31.1-84.9)	0.4 (0.2-0.7)	53.9 (31.7-87.1)	0.7 (0.5-1.1)	51.6 (30.2-77.3)	0.9 (0.5-1.5)	88.9 (49.3-134)	26	1	26	1	28	1
Nyandarua	0.3 (0.2-0.5)	40.6 (24.2-63.8)	0.5 (0.3-0.9)	40.5 (24-64.1)	0.3 (0.1-0.6)	43 (25.1-69.8)	0.4 (0.2-0.7)	49.8 (27.9-78.9)	0.5 (0.3-0.8)	38.6 (23.2-58)	0.5 (0.2-0.8)	60.9 (32.6-113)	36	1	34	1	37	1
Nyeri	0.2 (0.1-0.4)	38.3 (22.9-62.2)	0.4 (0.2-0.6)	38.4 (22.5-61.9)	0.2 (0.1-0.5)	40.5 (23.5-65.4)	0.3 (0.2-0.5)	48.7 (28.5-78.3)	0.4 (0.3-0.7)	45.7 (26.8-72.9)	0.4 (0.2-0.8)	76.9 (39.1-147)	33	1	31	1	40	1
Samburu	0.2 (0.1-0.5)	43 (26.3-70.4)	0.3 (0.2-0.7)	43.4 (26.3-70.1)	0.3 (0.1-0.6)	45.7 (27.3-73.6)	0.2 (0.1-0.4)	36.8 (21.7-59.5)	0.3 (0.2-0.6)	38.7 (23.2-56.5)	0.4 (0.2-0.7)	57.2 (35.5-86.8)	43	1	35	1	36	1
Siaya	1.5 (0.4-2.7)	83.9 (54.1-124)	1.4 (0.4-2.5)	84.5 (54.2-132)	1 (0.3-2.3)	88.5 (57.1-134)	0.7 (0.2-1.3)	42.4 (26.9-64.7)	0.8 (0.2-1.5)	49.6 (31.5-69.3)	1.1 (0.4-2.4)	106 (62-156)	17	1	18	1	16	1

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
Taita Taveta	0.3 (0.1-0.5)	42.7 (26.3-68.1)	0.4 (0.3-0.8)	43.2 (26.1-69.2)	0.2 (0.1-0.5)	44.9 (27.7-70.5)	0.3 (0.1-0.5)	42.4 (24.3-72.7)	0.4 (0.3-0.8)	43.8 (28.4-62.8)	0.4 (0.2-0.9)	86.4 (48.3-145)	33	1	30	1	36	1
Tana River	0.5 (0.3-0.8)	49.8 (31.3-77.4)	0.6 (0.3-0.9)	51 (32.1-79.3)	0.4 (0.1-0.7)	52.4 (32.7-79.5)	0.3 (0.2-0.5)	32.1 (19.4-52.3)	0.4 (0.3-0.6)	37 (22.8-53.3)	0.4 (0.2-0.7)	60.9 (35.6-110)	36	1	31	1	36	1
Tharaka Nithi	0.4 (0.2-0.6)	41.2 (25.1-67.3)	0.4 (0.2-0.7)	41.3 (24.7-65.8)	0.2 (0.1-0.4)	43.2 (26.3-68.3)	0.4 (0.2-0.5)	37.7 (22.4-61.5)	0.5 (0.3-0.8)	47.4 (29.4-71.6)	0.4 (0.2-0.7)	79.4 (45.9-133)	35	1	34	1	43	1
Trans Nzoia	0.2 (0.1-0.4)	43.6 (26.7-69.5)	0.3 (0.2-0.6)	43.3 (26.2-69.5)	0.2 (0.1-0.5)	45.8 (28.1-73.2)	0.3 (0.1-0.5)	51.6 (31.5-83.5)	0.4 (0.3-0.7)	53.8 (33.1-83.6)	0.5 (0.2-1)	89.1 (55.7-149)	31	1	28	1	30	1
Turkana	0.2 (0.1-0.4)	47.2 (28.9-74.6)	0.3 (0.1-0.6)	47.4 (29.7-73)	0.3 (0.1-0.6)	49.7 (30.9-77.9)	0.1 (0.1-0.3)	37.1 (20.2-57)	0.2 (0.1-0.4)	33.3 (20.5-50.5)	0.3 (0.1-0.7)	61 (37.7-94.6)	45	1	39	1	37	1
Uasin Gishu	0.2 (0.1-0.3)	38.5 (22.9-62.7)	0.3 (0.1-0.5)	38.3 (23.1-61.2)	0.2 (0.1-0.4)	40.4 (23.8-66.4)	0.2 (0.1-0.5)	56.4 (33.9-88)	0.4 (0.2-0.7)	58 (35.5-85.8)	0.5 (0.2-0.8)	89.9 (50.9-149)	33	1	31	1	33	1
Vihiga	0.7 (0.3-1.2)	59.9 (36.5-94.1)	1 (0.4-1.7)	60 (37-92.7)	0.7 (0.3-1.3)	63.5 (39.6-99)	0.5 (0.2-0.8)	46.6 (28-78.6)	0.9 (0.4-1.4)	51.2 (32.4-79.1)	1 (0.5-1.8)	91.9 (56.6-149)	20	1	19	1	19	1
Wajir	0.6 (0.3-0.8)	46.2 (29-72.9)	0.5 (0.3-0.7)	46.6 (29.2-75.6)	0.4 (0.2-0.6)	48.5 (30.7-74.9)	0.3 (0.2-0.5)	28.6 (17.3-44.5)	0.4 (0.2-0.6)	36.7 (23.3-56.9)	0.4 (0.3-0.7)	54.1 (32.2-88.2)	44	1	37	1	40	1
West Pokot	0.4 (0.3-0.6)	47.6 (29.8-75.3)	0.5 (0.4-0.8)	47.4 (29.2-75.9)	0.4 (0.2-0.7)	49.7 (30.1-79.7)	0.3 (0.2-0.5)	38.6 (24.2-58.1)	0.5 (0.3-0.7)	42.5 (26.6-63)	0.5 (0.3-0.7)	64.3 (39.3-110)	34	1	31	1	32	1
Madagascar	0.7 (0.4-1.1)	15.3 (11.4-20.1)	0.7 (0.3-1)	15.2 (11.3-20)	0.5 (0.3-0.9)	15 (11.2-19.9)	0.5 (0.2-0.7)	10.5 (8-13.3)	0.6 (0.3-0.9)	12.7 (9.5-16.3)	0.6 (0.3-0.9)	16 (11.9-21.2)	28	4	27	3	32	1
Malawi	0.5 (0.2-0.7)	3 (2.2-4)	0.4 (0.2-0.7)	3 (2.2-4)	0.3 (0.1-0.5)	2.9 (2.2-3.9)	0.2 (0.1-0.3)	1.4 (1-1.8)	0.2 (0.1-0.4)	1.8 (1.4-2.5)	0.3 (0.1-0.5)	2.9 (2.1-4)	51	13	52	12	51	10
Mozambique	0.1 (0.1-0.3)	0.6 (0.5-0.8)	0.1 (0.1-0.3)	0.6 (0.5-0.8)	0.1 (0-0.2)	0.6 (0.5-0.8)	0.1 (0-0.1)	0.3 (0.3-0.4)	0.1 (0-0.2)	0.4 (0.3-0.5)	0.1 (0-0.2)	0.5 (0.4-0.8)	73	39	72	36	78	28
Rwanda	0.2 (0.1-0.5)	0.8 (0.6-1.1)	0.2 (0.1-0.3)	0.8 (0.6-1.2)	0.1 (0-0.2)	0.8 (0.6-1.2)	0.1 (0-0.2)	0.4 (0.3-0.6)	0.1 (0.1-0.3)	0.8 (0.6-1.1)	0.2 (0.1-0.3)	1.3 (0.9-1.8)	71	39	73	25	72	19
Somalia	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	116	79	118	81	119	76
South Sudan	0.2 (0.1-0.3)	1.1 (0.8-1.6)	0.1 (0.1-0.3)	1.1 (0.8-1.6)	0.2 (0.1-0.4)	1.1 (0.8-1.6)	0.1 (0-0.2)	0.6 (0.4-0.9)	0.1 (0-0.2)	0.8 (0.5-1.1)	0.1 (0.1-0.2)	0.7 (0.4-0.9)	73	24	76	23	81	26
Uganda	0.8 (0.4-1.3)	23.4 (17.5-30.1)	0.8 (0.4-1.3)	23.5 (17.5-30.5)	0.6 (0.3-1)	23.2 (16.9-29.6)	0.4 (0.2-0.6)	11.5 (8.6-14.7)	0.6 (0.4-1)	18.5 (14-23)	0.7 (0.4-1.2)	26.7 (19.3-35.6)	32	3	26	1	29	1
United Republic of Tanzania	1.3 (0.5-4.4)	22.8 (16.5-29.1)	1.5 (0.6-6)	23 (16.9-30.2)	1.1 (0.4-4.6)	22.9 (16.4-29.7)	0.8 (0.3-2.9)	14.8 (10.8-19)	1.2 (0.5-4.7)	18.9 (14.2-24.9)	1.4 (0.5-5.3)	28.5 (20.3-38.5)	18	1	17	1	19	1
Zambia	1.2 (0.5-1.8)	29.4 (21.7-39.1)	1.2 (0.4-1.9)	29.3 (22-39.4)	0.7 (0.3-1.1)	29.3 (21.9-38.6)	0.6 (0.2-0.9)	15 (11-19.5)	0.8 (0.3-1.3)	19.5 (14.4-25.6)	0.8 (0.3-1.2)	32.2 (23.1-42.6)	22	1	22	1	23	1
Southern Sub-Saharan Africa	0 (0-0)	0.2 (0.2-0.3)	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0.1)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0.1)	0.2 (0.2-0.3)	107	53	87	50	92	51
Botswana	0.1 (0.1-0.2)	1.2 (0.9-1.6)	0.1 (0-0.2)	1.2 (0.9-1.7)	0.1 (0-0.1)	1.2 (0.9-1.7)	0.1 (0.1-0.2)	1.4 (0.9-2)	0.1 (0-0.2)	1 (0.7-1.4)	0.1 (0.1-0.2)	1.9 (1.4-2.7)	65	13	69	15	73	13
Eswatini	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	126	79	124	77	126	74
Lesotho	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	125	76	127	77	129	78
Namibia	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	122	72	123	74	124	71
South Africa	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	134	82	138	74	138	78
Eastern Cape	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	136	85	137	78	140	79
Free State	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	134	81	138	74	134	78
Gauteng	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	131	86	136	72	130	79
KwaZulu-Natal	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	132	88	138	79	141	81
Limpopo	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	131	75	135	73	139	77

Location	5-14 cause-specific SCD mortality rate (per 100,000 population), 2000	5-14 total SCD mortality rate (per 100,000 population), 2000	5-14 cause-specific SCD mortality rate (per 100,000 population), 2010	5-14 total SCD mortality rate (per 100,000 population), 2010	5-14 cause-specific SCD mortality rate (per 100,000 population), 2021	5-14 total SCD mortality rate (per 100,000 population), 2021	5-14 cause-specific mortality cause fraction, 2000	5-14 total SCD mortality cause fraction, 2000	5-14 cause-specific mortality cause fraction, 2010	5-14 total SCD mortality cause fraction, 2010	5-14 cause-specific mortality cause fraction, 2021	5-14 total SCD mortality cause fraction, 2021	5-14 cause-specific mortality rank 2000	5-14 total SCD mortality rank 2000	5-14 cause-specific mortality rank 2010	5-14 total SCD mortality rank 2010	5-14 cause-specific mortality rank 2021	5-14 total SCD mortality rank 2021
Mpumalanga	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	132	82	136	81	138	78
North-West	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	130	77	133	71	134	78
Northern Cape	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	135	80	135	74	136	74
Western Cape	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	135	84	136	67	140	72
Zimbabwe	0.1 (0-0.2)	0.6 (0.4-0.9)	0.1 (0.1-0.2)	0.5 (0.4-0.8)	0.1 (0.1-0.3)	0.5 (0.4-0.8)	0.1 (0-0.1)	0.5 (0.3-0.7)	0.1 (0-0.2)	0.3 (0.2-0.5)	0.1 (0-0.2)	0.5 (0.3-0.7)	59	16	63	28	70	34
Western Sub-Saharan Africa	3.5 (2.2-4.5)	60.3 (43.2-82.8)	3 (2-3.8)	52.1 (37.9-71.1)	2.5 (1.6-3.4)	51 (36.6-71.5)	1.9 (1.2-2.4)	32.3 (23.3-44.1)	2 (1.4-2.5)	34.6 (25.3-47.4)	2.2 (1.5-3)	45.5 (32.5-66.5)	14	1	15	1	13	1
Benin	7.1 (3.1-11.3)	73.8 (55.6-96.6)	6.1 (2.9-9.2)	73.6 (56.2-96.2)	5.3 (2.8-8.1)	59 (44-78.9)	4.3 (2-6.8)	44.9 (33.2-58.4)	4.4 (2.1-6.7)	52.9 (40.6-67.4)	5.1 (2.7-8)	56.9 (42.2-77.7)	6	1	8	1	4	1
Burkina Faso	6.9 (0.5-25.3)	70.4 (55.2-87.6)	5.3 (0.4-21.3)	62.9 (48.9-79)	4.8 (0.4-18.2)	55 (41.5-73.8)	3.2 (0.2-12)	32.9 (25.4-41.5)	3.1 (0.2-12.2)	37.2 (28.7-47.1)	3.7 (0.3-13.9)	42.7 (32.2-59)	9	1	9	1	8	1
Cabo Verde	0.2 (0.1-0.4)	2.1 (1.6-2.9)	0.2 (0.1-0.3)	2.1 (1.5-2.9)	0.2 (0.1-0.3)	2.1 (1.6-2.9)	0.4 (0.2-0.7)	3.6 (2.7-5)	0.5 (0.3-0.8)	5.8 (4.2-7.8)	0.5 (0.3-0.8)	6.4 (4.8-8.8)	37	6	42	6	43	3
Cameroon	2.2 (0.5-4.1)	23.7 (17.4-30.9)	2.2 (0.5-3.8)	23.9 (17.2-31.6)	1.5 (0.4-2.7)	23.8 (17.4-31.2)	1.4 (0.3-2.5)	14.8 (10.6-18.9)	1.5 (0.4-2.5)	16.6 (11.9-22.7)	1.4 (0.4-2.5)	22.5 (16.6-31.1)	15	1	16	1	15	1
Chad	1.2 (0.5-2.3)	6.7 (5-8.6)	1.2 (0.5-2.2)	6.6 (5-8.6)	1 (0.4-2.3)	6.5 (4.9-8.3)	0.6 (0.2-1.1)	3.1 (2.3-4)	0.7 (0.3-1.2)	3.7 (2.7-4.7)	0.6 (0.3-1.4)	4.2 (3-5.7)	29	9	28	8	29	8
Côte d'Ivoire	1.5 (0.8-2.5)	17.8 (14.3-21.7)	1.3 (0.8-1.9)	17.8 (14.5-21.7)	1 (0.7-1.5)	17.7 (14.3-21.9)	0.8 (0.5-1.3)	10.2 (8.1-12.5)	0.8 (0.5-1.2)	11.6 (9.2-14.8)	1 (0.6-1.5)	17.8 (14.1-22.6)	19	3	19	3	23	1
Gambia	2.5 (0.5-13.6)	17.1 (12.8-22.5)	2.2 (0.4-10.8)	16.8 (12.7-21.8)	1.8 (0.4-8.2)	16 (12.1-21)	2 (0.4-11.1)	13.8 (10.4-18)	2.3 (0.4-11)	17 (12.4-23.3)	2.4 (0.5-11.1)	21.4 (15.7-29.2)	14	2	14	1	15	1
Ghana	5.4 (3.9-6.8)	40.3 (32-49.6)	4.4 (2.9-6.1)	40.3 (31.9-49.3)	3.5 (2.3-5.1)	36.2 (28.6-46.1)	4.1 (3-5.3)	30.7 (24.4-37.5)	3.9 (2.6-5.3)	35.7 (26.4-44.5)	4.8 (3.1-6.9)	49.8 (38.2-63.7)	8	1	8	1	6	1
Guinea	3.6 (0.4-6.6)	58.1 (43.8-73.8)	3.8 (0.5-6.5)	58 (43.2-74.1)	2.9 (0.4-4.8)	57.8 (42.7-74.8)	1.8 (0.2-3.1)	28.1 (21.6-35.8)	2.3 (0.3-4)	35.2 (26.5-45.5)	2.3 (0.4-3.8)	46 (33.9-63.3)	15	1	11	1	12	1
Guinea-Bissau	1.3 (0.3-6.4)	1.9 (1.4-2.6)	1.1 (0.2-5.5)	1.9 (1.4-2.5)	0.7 (0.1-3.6)	1.8 (1.4-2.3)	0.6 (0.1-3.3)	0.9 (0.7-1.2)	0.7 (0.1-3.8)	1.2 (0.9-1.6)	0.6 (0.1-2.7)	1.6 (1-2.1)	26	18	26	17	30	16
Liberia	1.6 (0.5-4.6)	13.4 (10.8-16.7)	1.4 (0.5-4.8)	13.3 (10.6-16.8)	1.1 (0.4-4.1)	12.9 (10.4-16.1)	0.8 (0.3-2.2)	6.6 (5.3-8.3)	1.1 (0.4-3.7)	10.3 (8.2-13)	1.1 (0.3-3.8)	12.5 (9.8-16.5)	18	4	18	2	19	2
Mali	3.2 (1.5-5.7)	17.9 (14.4-22.7)	2.6 (1.3-4.6)	17.9 (14.1-22.5)	2 (0.8-4.1)	17.7 (13.9-22.1)	1.4 (0.7-2.6)	8.1 (6.4-9.9)	1.5 (0.7-2.7)	10.4 (8.1-12.6)	1.5 (0.6-3)	13.4 (10.4-16.3)	15	3	15	3	16	1
Mauritania	0.8 (0.4-1.4)	5.3 (3.8-7.2)	0.6 (0.3-1)	5.3 (3.8-7.1)	0.4 (0.2-0.6)	5.2 (3.7-6.9)	0.7 (0.3-1.2)	4.8 (3.3-6.8)	0.7 (0.3-1.1)	6.4 (4.7-8.9)	0.7 (0.4-1.1)	9.4 (6.8-12.6)	25	8	26	4	31	3
Niger	2.3 (0.8-4.3)	36.1 (28.7-46)	1.5 (0.6-2.4)	31.6 (25.2-40.3)	1.4 (0.6-2.1)	30.5 (24-39.3)	1 (0.3-1.8)	15.1 (11.8-19.3)	1 (0.4-1.5)	20.5 (16.3-26.1)	1.1 (0.5-1.6)	24 (18.6-30)	17	2	19	1	19	1
Nigeria	3.4 (0.8-5.6)	90.1 (60.8-133)	3.2 (0.9-5)	72.7 (49.1-105)	2.7 (1-4.3)	71.9 (48.9-105)	1.8 (0.4-2.8)	46.9 (31.9-69.9)	2 (0.6-3.2)	47 (31.6-68.2)	2.3 (1-3.6)	63.3 (44.1-95.2)	11	1	13	1	10	1
Sao Tome and Principe	1.9 (0.4-3.2)	26.7 (17.5-38.1)	1.4 (0.3-2.3)	27.1 (18.3-38.9)	0.9 (0.2-1.5)	26.3 (17.6-38.9)	1.9 (0.4-3)	26.1 (17.3-38.1)	2.4 (0.6-3.8)	45.6 (30.1-67.4)	2.2 (0.5-3.9)	69.4 (46.1-99.2)	16	1	12	1	13	1
Senegal	1.7 (0.7-4.5)	15.1 (11.1-19.8)	1.6 (0.7-4.6)	15.1 (11.3-19.5)	1.1 (0.5-3.2)	14.9 (10.9-19.4)	1.2 (0.5-3.3)	10.9 (8.2-14)	1.6 (0.7-4.7)	15.7 (11.6-20.3)	1.6 (0.7-5)	22.5 (16.7-29.9)	15	2	16	1	16	1
Sierra Leone	3.2 (0.3-5.8)	81.8 (61.8-105)	3 (0.3-5)	81.3 (60.9-102)	2.5 (0.3-4.4)	80.1 (58.7-104)	1.3 (0.1-2.4)	34.6 (25.6-44.8)	1.6 (0.2-2.7)	44.6 (33.8-56)	1.9 (0.2-3.5)	62.2 (44.7-85.2)	15	1	14	1	11	1
Togo	7.2 (3.8-11.5)	54 (42.8-68.1)	6 (2.9-10.1)	53.5 (42-66.7)	4.6 (2-8.7)	52.7 (41.7-67.1)	4.7 (2.5-7.5)	35.1 (26.8-44)	4.4 (2.2-7.7)	39.3 (31.1-50.7)	5.1 (2.4-9)	60 (43.4-79.7)	6	1	9	1	6	1

Table S19: Under-20 sickle cell disease mortality metrics in 2000, 2010, and 2021

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
Global	0.8 (0.6-1)	8.3 (6.4-10.8)	0.8 (0.6-1)	9.4 (7.4-12.1)	0.8 (0.5-1)	10.5 (8.2-13.6)	0.2 (0.1-0.2)	1.8 (1.4-2.3)	0.2 (0.2-0.3)	2.6 (2.1-3.4)	0.3 (0.2-0.4)	4.5 (3.5-5.9)	53	15	50	9	45	7
Central Europe, Eastern Europe, and Central Asia	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	191	111	190	113	190	99
Central Asia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	190	175	189	172	190	164
Armenia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	191	157	185	160	191	145
Azerbaijan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	169	180	165	178	156
Georgia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	192	159	187	161	194	148
Kazakhstan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	195	169	193	164	189	149
Kyrgyzstan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	192	164	190	164	191	154
Mongolia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	170	182	171	184	157
Tajikistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	174	149	176	148	174	145
Turkmenistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	191	170	186	168	185	162
Uzbekistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	157	187	160	180	151
Central Europe	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.3 (0.2-0.4)	168	62	172	61	174	47
Albania	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	129	112	140	105	148	84
Bosnia and Herzegovina	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	140	178	131	178	127
Bulgaria	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	138	144	142	134	139	124
Croatia	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	162	78	161	69	157	66
Czechia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	155	167	147	166	138
Hungary	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	137	172	132	165	125
Montenegro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	137	167	116	167	115
North Macedonia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	138	172	125	172	114
Poland	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.9 (0.6-1.3)	156	26	159	29	155	24
Romania	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	123	170	105	170	96
Serbia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	184	161	185	151	186	145
Slovakia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	114	166	104	175	98
Slovenia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	173	124	174	110	175	91
Eastern Europe	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	167	187	150	182	140
Belarus	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	193	144	195	142	193	127
Estonia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	189	155	189	137	185	141

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
Latvia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	153	187	146	187	127
Lithuania	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	139	185	133	182	119
Republic of Moldova	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	192	154	190	154	189	141
Russian Federation	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	185	169	189	147	181	140
Ukraine	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	184	151	183	145	184	134
High-income	0 (0-0)	0.6 (0.5-0.7)	0 (0-0)	0.6 (0.5-0.7)	0 (0-0)	0.5 (0.4-0.6)	0.1 (0.1-0.1)	1 (0.8-1.2)	0.1 (0.1-0.1)	1.3 (1.1-1.5)	0.1 (0.1-0.1)	1.5 (1.2-1.8)	88	24	85	20	87	20
Australasia	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.3)	146	68	151	60	162	53
Australia	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.3)	141	71	151	63	160	56
New Zealand	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.3 (0.2-0.4)	160	55	150	56	154	48
High-income Asia Pacific	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	147	115	148	100	153	92
Brunei Darussalam	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	142	111	139	106	127	98
Japan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	142	112	148	103	154	102
Aichi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	138	77	146	68	147	63
Akita	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	145	132	147	117	153	125
Aomori	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	130	145	123	149	115
Chiba	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	138	97	147	87	146	87
Ehime	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	132	144	123	148	124
Fukui	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	143	131	147	125	152	127
Fukuoka	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	143	136	149	124	153	118
Fukushima	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	138	133	145	123	151	128
Gifu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	136	128	146	127	148	125
Gunma	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	141	133	149	125	154	118
Hiroshima	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	132	144	121	147	115
Hokkaidō	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	132	143	122	148	118
Hyōgo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	143	113	147	100	151	100
Ibaraki	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	141	99	149	89	151	92
Ishikawa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	142	129	147	120	150	112
Iwate	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	141	130	144	121	151	117
Kagawa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	142	130	146	123	152	114

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
Kagoshima	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	141	134	150	123	150	120
Kanagawa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	145	115	149	110	153	112
Kōchi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	147	136	146	125	153	126
Kumamoto	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	142	134	146	123	148	113
Kyōto	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	144	133	146	117	153	124
Mie	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	142	135	147	121	152	115
Miyagi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	145	130	148	120	154	116
Miyazaki	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	147	136	149	121	155	123
Nagano	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	144	131	147	120	151	120
Nagasaki	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	145	131	151	126	154	116
Nara	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	140	131	144	123	148	127
Niigata	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	142	129	152	118	152	113
Ōita	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	144	136	145	120	151	114
Okayama	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	140	134	149	126	152	126
Okinawa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	147	113	153	107	159	104
Ōsaka	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	143	127	145	117	149	116
Saga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	146	133	149	122	153	126
Saitama	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	138	132	145	127	148	117
Shiga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	140	130	144	114	150	118
Shimane	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	147	138	146	122	151	122
Shizuoka	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	140	134	147	125	152	122
Tochigi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	141	130	147	121	151	119
Tokushima	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	142	131	147	127	150	119
Tōkyō	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	146	103	150	91	154	87
Tottori	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	143	128	150	122	151	122
Toyama	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	142	130	148	126	150	112
Wakayama	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	140	135	146	123	153	119
Yamagata	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	139	130	144	120	148	117
Yamaguchi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	142	130	150	125	155	128

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
Yamanashi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	139	130	142	124	148	108
Republic of Korea	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	135	107	138	90	148	74
Singapore	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	155	97	156	95	160	80
High-income North America	0.1 (0.1-0.1)	0.4 (0.4-0.5)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0 (0-0)	0.3 (0.3-0.3)	0.1 (0.1-0.1)	0.7 (0.6-0.8)	0.1 (0.1-0.1)	0.8 (0.7-0.9)	0.1 (0.1-0.1)	0.6 (0.5-0.7)	69	27	69	25	77	29
Canada	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0.1)	93	74	92	69	96	95
Greenland	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	135	76	143	74	143	64
United States of America	0.1 (0.1-0.1)	0.5 (0.4-0.6)	0.1 (0.1-0.1)	0.4 (0.4-0.5)	0.1 (0-0.1)	0.3 (0.3-0.4)	0.1 (0.1-0.1)	0.7 (0.6-0.8)	0.1 (0.1-0.1)	0.8 (0.7-0.9)	0.1 (0.1-0.1)	0.6 (0.5-0.8)	68	27	69	24	76	26
Alabama	0.2 (0.2-0.2)	1.2 (1-1.4)	0.2 (0.1-0.2)	1.1 (0.9-1.3)	0.1 (0.1-0.1)	0.8 (0.7-1)	0.2 (0.2-0.2)	1.3 (1.1-1.6)	0.2 (0.2-0.2)	1.5 (1.3-1.7)	0.2 (0.1-0.2)	1.1 (0.9-1.4)	57	19	58	18	64	23
Alaska	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	108	67	111	66	110	70
Arizona	0.1 (0-0.1)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.3 (0.2-0.3)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0-0.1)	0.3 (0.3-0.4)	78	47	83	46	89	45
Arkansas	0.1 (0.1-0.2)	0.8 (0.7-1)	0.1 (0.1-0.1)	0.7 (0.6-0.9)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.2 (0.2-0.2)	1 (0.8-1.2)	0.2 (0.2-0.2)	1.1 (0.9-1.3)	0.1 (0.1-0.1)	0.6 (0.5-0.7)	64	22	64	22	68	32
California	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	73	45	74	44	81	44
Colorado	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.3 (0.2-0.3)	0.1 (0-0.1)	0.3 (0.2-0.4)	0 (0-0)	0.2 (0.2-0.3)	90	54	91	52	98	60
Connecticut	0.1 (0.1-0.1)	0.5 (0.4-0.6)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.3 (0.3-0.4)	0.1 (0.1-0.1)	0.9 (0.8-1.1)	0.1 (0.1-0.1)	1 (0.9-1.2)	0.1 (0.1-0.1)	0.9 (0.7-1.2)	71	21	71	21	75	23
Delaware	0.1 (0.1-0.1)	1.2 (1-1.4)	0.1 (0.1-0.1)	1.1 (1-1.3)	0.1 (0.1-0.1)	1 (0.8-1.2)	0.1 (0.1-0.1)	1.6 (1.3-1.9)	0.1 (0.1-0.2)	1.8 (1.4-2)	0.1 (0.1-0.1)	1.7 (1.3-2.1)	63	17	65	17	73	18
District of Columbia	0.3 (0.3-0.3)	3 (2.5-3.6)	0.3 (0.2-0.3)	2.7 (2.1-3.4)	0.2 (0.2-0.2)	1.8 (1.4-2.3)	0.2 (0.2-0.2)	2.2 (1.8-2.6)	0.2 (0.2-0.2)	2.4 (1.9-3)	0.2 (0.2-0.2)	2.1 (1.5-2.7)	44	11	50	10	54	14
Florida	0.1 (0.1-0.1)	0.9 (0.8-1)	0.1 (0.1-0.1)	0.8 (0.7-0.9)	0.1 (0.1-0.1)	0.6 (0.5-0.7)	0.2 (0.2-0.2)	1.2 (1-1.4)	0.2 (0.2-0.2)	1.3 (1.2-1.5)	0.1 (0.1-0.1)	1.1 (0.9-1.3)	60	20	59	21	67	22
Georgia	0.2 (0.2-0.2)	1 (0.9-1.2)	0.1 (0.1-0.1)	0.9 (0.8-1.1)	0.1 (0.1-0.1)	0.7 (0.6-0.9)	0.2 (0.2-0.2)	1.2 (1-1.4)	0.2 (0.2-0.2)	1.6 (1.3-1.8)	0.2 (0.1-0.2)	1.2 (1-1.5)	57	19	58	19	61	22
Hawaii	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	101	65	102	66	105	76
Idaho	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	107	81	112	77	116	79
Illinois	0.1 (0.1-0.1)	0.5 (0.4-0.6)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.2)	0.6 (0.5-0.7)	0.2 (0.1-0.2)	0.7 (0.6-0.8)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	65	27	65	27	71	39
Indiana	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	0.1 (0-0.1)	0.3 (0.2-0.3)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	0.1 (0.1-0.1)	0.6 (0.5-0.6)	0.1 (0.1-0.1)	0.4 (0.4-0.5)	70	33	68	33	79	40
Iowa	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	0.1 (0-0.1)	0.3 (0.2-0.4)	82	50	83	51	91	54
Kansas	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.3 (0.2-0.3)	0 (0-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.4 (0.4-0.5)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	71	36	71	39	78	48
Kentucky	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0 (0-0)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	74	49	75	49	81	54
Louisiana	0.2 (0.2-0.2)	1.1 (0.9-1.3)	0.2 (0.1-0.2)	1 (0.8-1.2)	0.1 (0.1-0.1)	0.7 (0.5-0.8)	0.2 (0.2-0.2)	1.2 (1-1.4)	0.2 (0.2-0.2)	1.3 (1.1-1.6)	0.2 (0.1-0.2)	0.9 (0.7-1)	58	19	61	19	63	23
Maine	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	106	99	105	104	111	108
Maryland	0.1 (0.1-0.1)	1.2 (1-1.4)	0.1 (0.1-0.1)	1.1 (0.9-1.2)	0.1 (0.1-0.1)	0.8 (0.7-1)	0.2 (0.2-0.2)	1.7 (1.4-2)	0.2 (0.2-0.2)	1.9 (1.7-2.3)	0.1 (0.1-0.1)	1.8 (1.5-2.2)	60	18	62	13	68	17
Massachusetts	0 (0-0)	0.4 (0.3-0.4)	0 (0-0)	0.3 (0.3-0.4)	0 (0-0)	0.3 (0.2-0.3)	0.1 (0.1-0.1)	0.9 (0.7-1)	0.1 (0.1-0.1)	0.9 (0.8-1.1)	0.1 (0.1-0.1)	0.9 (0.7-1.2)	74	22	77	21	81	23

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
Michigan	0.1 (0.1-0.1)	0.6 (0.5-0.6)	0.1 (0.1-0.1)	0.5 (0.4-0.5)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0.1 (0.1-0.1)	0.8 (0.7-0.9)	0.1 (0.1-0.1)	0.8 (0.7-1)	0.1 (0.1-0.1)	0.7 (0.5-0.8)	66	26	68	24	72	27
Minnesota	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.3 (0.2-0.3)	77	48	81	48	92	54
Mississippi	0.2 (0.2-0.2)	1.7 (1.5-2)	0.2 (0.2-0.2)	1.5 (1.3-1.8)	0.1 (0.1-0.1)	1 (0.9-1.2)	0.2 (0.2-0.2)	1.7 (1.4-1.9)	0.2 (0.2-0.2)	1.8 (1.6-2.1)	0.2 (0.1-0.2)	1.3 (1.1-1.7)	52	16	58	15	62	20
Missouri	0.1 (0.1-0.1)	0.6 (0.5-0.7)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0.1 (0.1-0.1)	0.8 (0.6-0.9)	0.1 (0.1-0.2)	0.8 (0.7-1)	0.1 (0.1-0.1)	0.6 (0.5-0.7)	67	27	67	24	75	31
Montana	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	110	130	113	129	114	124
Nebraska	0.1 (0-0.1)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.3 (0.3-0.5)	0.1 (0.1-0.1)	0.2 (0.1-0.3)	77	48	76	51	86	58
Nevada	0.1 (0.1-0.1)	0.4 (0.4-0.5)	0.1 (0-0.1)	0.4 (0.3-0.5)	0 (0-0)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.6 (0.5-0.8)	0.1 (0.1-0.1)	0.7 (0.6-0.9)	0.1 (0.1-0.1)	0.6 (0.4-0.7)	74	27	77	27	83	30
New Hampshire	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	105	72	98	73	107	77
New Jersey	0.1 (0.1-0.1)	0.6 (0.5-0.7)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	0 (0-0)	0.4 (0.3-0.5)	0.2 (0.1-0.2)	1.1 (0.9-1.3)	0.2 (0.2-0.2)	1.3 (1.1-1.5)	0.1 (0.1-0.1)	1.4 (1.1-1.6)	63	20	63	20	70	21
New Mexico	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	101	97	102	96	107	96
New York	0.1 (0.1-0.1)	0.5 (0.4-0.6)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	0 (0-0.1)	0.4 (0.3-0.4)	0.2 (0.2-0.2)	0.9 (0.7-1.1)	0.2 (0.2-0.2)	1 (0.8-1.2)	0.1 (0.1-0.2)	1 (0.8-1.3)	59	25	60	22	66	23
North Carolina	0.1 (0.1-0.1)	0.8 (0.7-0.9)	0.1 (0.1-0.1)	0.7 (0.6-0.8)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	0.2 (0.1-0.2)	1 (0.8-1.1)	0.2 (0.2-0.2)	1.2 (1-1.4)	0.1 (0.1-0.1)	0.9 (0.7-1)	61	21	62	21	67	25
North Dakota	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	92	120	94	129	99	126
Ohio	0.1 (0.1-0.1)	0.4 (0.4-0.5)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0.1 (0.1-0.1)	0.3 (0.2-0.3)	0.1 (0.1-0.1)	0.6 (0.5-0.8)	0.1 (0.1-0.1)	0.6 (0.5-0.7)	0.1 (0.1-0.1)	0.4 (0.4-0.5)	68	29	66	28	73	37
Oklahoma	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	0.1 (0-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.4 (0.4-0.5)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.3 (0.2-0.3)	73	34	73	41	78	53
Oregon	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.2)	100	63	99	56	108	64
Pennsylvania	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	0 (0-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.6 (0.5-0.7)	0.1 (0.1-0.1)	0.6 (0.5-0.7)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	69	30	69	26	74	36
Rhode Island	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.7 (0.5-1)	0.1 (0.1-0.1)	0.6 (0.4-0.8)	0 (0-0.1)	0.4 (0.3-0.5)	82	25	84	30	90	40
South Carolina	0.2 (0.2-0.2)	1 (0.9-1.2)	0.2 (0.1-0.2)	0.9 (0.7-1)	0.1 (0.1-0.1)	0.6 (0.5-0.7)	0.2 (0.2-0.3)	1.2 (1.1-1.4)	0.2 (0.2-0.3)	1.4 (1.1-1.6)	0.2 (0.2-0.2)	1 (0.8-1.2)	52	19	57	19	60	23
South Dakota	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	95	92	95	96	98	92
Tennessee	0.1 (0.1-0.1)	0.7 (0.6-0.8)	0.1 (0.1-0.1)	0.7 (0.6-0.8)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	0.1 (0.1-0.1)	0.8 (0.7-1)	0.1 (0.1-0.1)	1 (0.8-1.1)	0.1 (0.1-0.1)	0.7 (0.6-0.9)	64	23	67	24	75	26
Texas	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0.1 (0-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.6 (0.5-0.7)	0.1 (0.1-0.1)	0.6 (0.5-0.7)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	69	30	69	29	75	33
Utah	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	98	73	97	70	102	78
Vermont	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	110	75	112	76	115	84
Virginia	0.1 (0.1-0.1)	0.8 (0.6-0.9)	0.1 (0.1-0.1)	0.7 (0.6-0.8)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	0.2 (0.1-0.2)	1.1 (1-1.4)	0.1 (0.1-0.2)	1.2 (1-1.4)	0.1 (0.1-0.1)	1 (0.8-1.2)	62	21	63	19	67	23
Washington	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.3 (0.2-0.3)	0.1 (0-0.1)	0.3 (0.3-0.4)	0 (0-0)	0.2 (0.2-0.3)	91	55	89	53	94	54
West Virginia	0.1 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0 (0-0.1)	0.1 (0.1-0.1)	83	70	85	69	89	76
Wisconsin	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0-0.1)	0.3 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	72	35	70	37	81	45
Wyoming	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	102	85	105	97	108	96

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
Southern Latin America	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	181	113	187	104	183	93
Argentina	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	179	130	186	124	184	113
Chile	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.2 (0.2-0.3)	187	88	189	71	188	58
Uruguay	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	156	123	173	119	155	111
Western Europe	0 (0-0)	1.1 (0.9-1.4)	0 (0-0)	1.1 (0.9-1.4)	0 (0-0)	1.1 (0.8-1.3)	0 (0-0)	2.4 (2-3)	0.1 (0.1-0.1)	3.4 (2.8-4.2)	0.1 (0.1-0.1)	4.1 (3.3-5.1)	104	12	93	7	90	5
Andorra	0.1 (0-0.1)	0.7 (0.5-0.9)	0 (0-0.1)	0.7 (0.5-0.9)	0 (0-0)	0.6 (0.5-0.8)	0.2 (0.1-0.2)	2.1 (1.5-2.9)	0.1 (0.1-0.2)	2.8 (2.1-3.8)	0.1 (0.1-0.2)	4.2 (2.9-5.9)	59	14	59	12	66	8
Austria	0 (0-0)	0.6 (0.5-0.7)	0 (0-0)	0.6 (0.5-0.7)	0 (0-0)	0.9 (0.7-1)	0 (0-0)	1.2 (1.1-1.4)	0 (0-0)	1.7 (1.5-2)	0 (0-0)	3.7 (3.2-4.4)	115	21	102	15	103	7
Belgium	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0.1)	1.1 (0.8-1.4)	0.1 (0.1-0.1)	1.5 (1.1-2)	0.1 (0.1-0.1)	1.9 (1.4-2.5)	91	26	83	20	82	14
Cyprus	0.1 (0-0.1)	1.6 (1.3-2.1)	0 (0-0.1)	1.7 (1.4-2.1)	0 (0-0)	1.9 (1.4-2.4)	0.2 (0.1-0.2)	2.9 (2.2-3.7)	0.1 (0.1-0.2)	5.3 (4.2-6.6)	0.1 (0-0.1)	9.9 (7.4-12.6)	67	10	73	5	74	2
Denmark	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.8 (0.6-1)	0 (0-0)	0.8 (0.6-1)	0 (0-0)	1.8 (1.4-2.3)	0 (0-0)	2.8 (2.1-3.7)	0 (0-0)	3 (2.4-3.9)	142	15	132	8	130	9
Finland	0 (0-0)	0.7 (0.6-1)	0 (0-0)	0.8 (0.6-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	2 (1.5-2.5)	0 (0-0)	2.6 (2-3.4)	0 (0-0)	3.1 (2.4-4.1)	141	12	131	9	130	8
France	0 (0-0)	2.2 (1.8-2.7)	0 (0-0)	2.2 (1.8-2.8)	0 (0-0)	1.9 (1.5-2.4)	0.1 (0.1-0.1)	4.7 (3.9-5.7)	0.1 (0.1-0.1)	6.6 (5.4-8.1)	0.1 (0.1-0.1)	7.3 (6-9.1)	83	7	71	4	68	2
Germany	0 (0-0)	0.4 (0.4-0.5)	0 (0-0)	0.4 (0.4-0.5)	0 (0-0)	0.5 (0.4-0.6)	0 (0-0)	1.1 (0.9-1.3)	0 (0-0)	1.5 (1.2-1.8)	0 (0-0)	1.8 (1.4-2.1)	116	25	101	18	98	14
Greece	0 (0-0)	3 (2.3-4)	0 (0-0)	3.1 (2.4-4)	0 (0-0)	3 (2.3-3.9)	0.1 (0-0.1)	6.5 (5-8.4)	0.1 (0.1-0.1)	8.5 (6.4-10.9)	0.1 (0.1-0.1)	10.1 (7.8-12.9)	81	4	78	4	73	2
Iceland	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.4 (0.9-2)	0 (0-0)	1.8 (1.3-2.7)	0 (0-0)	2 (1.4-2.9)	107	18	95	17	90	13
Ireland	0 (0-0)	0.6 (0.5-0.8)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.6 (0.5-0.9)	0 (0-0)	1.1 (0.8-1.4)	0 (0-0)	1.8 (1.3-2.4)	0.1 (0-0.1)	3.2 (2.3-4.1)	104	21	88	15	88	8
Israel	0 (0-0)	1.9 (1.5-2.6)	0 (0-0)	1.8 (1.3-2.3)	0 (0-0)	1.4 (1.1-1.9)	0 (0-0.1)	3.4 (2.6-4.5)	0.1 (0.1-0.1)	4.7 (3.6-6.1)	0.1 (0.1-0.1)	6.6 (4.9-8.9)	86	8	78	5	77	3
Italy	0 (0-0)	0.7 (0.5-0.8)	0 (0-0)	0.7 (0.6-0.9)	0 (0-0)	0.7 (0.6-0.9)	0 (0-0)	1.5 (1.2-1.8)	0.1 (0-0.1)	2.4 (2-2.9)	0 (0-0)	3.7 (3-4.4)	106	16	94	12	106	9
Abruzzo	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.6 (0.4-0.9)	0.1 (0-0.1)	0.9 (0.6-1.3)	0 (0-0)	1.6 (1.1-2.4)	109	30	96	27	108	18
Basilicata	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0.1)	0.8 (0.5-1.3)	0 (0-0)	1.4 (0.9-2.4)	112	36	97	28	113	18
Calabria	0 (0-0)	0.8 (0.6-1)	0 (0-0)	0.8 (0.6-1)	0 (0-0)	0.8 (0.6-1)	0 (0-0)	1.8 (1.4-2.2)	0.1 (0.1-0.1)	2.1 (1.7-2.7)	0 (0-0)	3 (2.4-3.6)	98	13	85	13	100	10
Campania	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.7 (0.6-0.9)	0 (0-0)	1.1 (0.9-1.4)	0 (0-0)	1.7 (1.3-2.1)	112	27	95	19	112	16
Emilia-Romagna	0 (0-0)	1.7 (1.4-2.1)	0 (0-0)	2 (1.6-2.4)	0 (0-0)	1.9 (1.6-2.3)	0 (0-0)	3.5 (2.8-4.4)	0.1 (0-0.1)	6.3 (5.4-7.7)	0 (0-0)	9.6 (7.9-11.2)	105	7	87	3	103	1
Friuli-Venezia Giulia	0 (0-0)	1.3 (1-1.7)	0 (0-0)	1.4 (1.1-1.8)	0 (0-0)	1.4 (1-1.7)	0 (0-0)	3.6 (2.7-4.6)	0 (0-0.1)	4.8 (3.7-6)	0 (0-0)	6.7 (5.3-8.4)	112	8	100	4	113	2
Lazio	0 (0-0)	0.4 (0.4-0.6)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	1 (0.8-1.2)	0 (0-0.1)	1.6 (1.3-2.1)	0 (0-0)	3 (2.4-3.6)	110	21	95	16	109	11
Liguria	0 (0-0)	1.2 (0.9-1.4)	0 (0-0)	1.3 (1-1.6)	0 (0-0)	1.2 (1-1.5)	0 (0-0)	2.5 (2-3.2)	0.1 (0.1-0.1)	4.2 (3.4-5.2)	0 (0-0.1)	6.7 (5.4-8.3)	102	10	92	6	100	3
Lombardia	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.5 (0.4-0.6)	0 (0-0)	0.5 (0.4-0.6)	0 (0-0)	1.1 (0.8-1.4)	0 (0-0)	1.7 (1.4-2.1)	0 (0-0)	2.6 (2.1-3.3)	112	21	96	17	115	13
Marche	0 (0-0)	1 (0.7-1.3)	0 (0-0)	1.1 (0.8-1.4)	0 (0-0)	1.1 (0.8-1.4)	0 (0-0)	2.3 (1.8-3)	0.1 (0.1-0.1)	3.8 (3-4.8)	0 (0-0)	6.4 (4.9-7.9)	102	11	90	7	100	4
Molise	0 (0-0)	0.5 (0.3-0.9)	0 (0-0)	0.5 (0.3-0.9)	0 (0-0)	0.5 (0.3-0.9)	0 (0-0)	1.1 (0.7-1.8)	0 (0-0)	1.7 (1-2.9)	0 (0-0)	2.4 (1.4-4)	121	22	108	16	120	13

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
Piemonte	0 (0-0)	0.7 (0.6-0.9)	0 (0-0)	0.9 (0.7-1.1)	0 (0-0)	0.9 (0.7-1)	0 (0-0)	1.7 (1.3-2.1)	0 (0-0)	3 (2.4-3.7)	0 (0-0)	4.8 (3.9-5.9)	122	15	104	9	120	4
Provincia autonoma di Bolzano	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	1.3 (0.8-2)	0 (0-0)	1.8 (1.2-2.7)	0 (0-0)	2.6 (1.7-3.9)	123	19	111	19	123	12
Provincia autonoma di Trento	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	1.5 (1-2.1)	0 (0-0)	1.8 (1.2-2.7)	0 (0-0)	2.2 (1.5-3.1)	114	18	98	17	118	15
Puglia	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.9 (0.7-1.2)	0 (0-0)	1.3 (1-1.7)	114	29	98	24	119	19
Sardegna	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.9 (0.6-1.4)	0 (0-0)	1.4 (0.9-2.2)	120	29	109	23	127	20
Sicilia	0 (0-0)	1.2 (1-1.4)	0 (0-0)	1.1 (0.9-1.3)	0 (0-0)	1.1 (0.9-1.3)	0.1 (0.1-0.1)	2.3 (1.9-2.9)	0.1 (0.1-0.1)	3 (2.6-3.7)	0.1 (0.1-0.1)	4 (3.3-5.1)	80	10	76	9	84	7
Toscana	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	1.3 (1-1.8)	0 (0-0.1)	2.2 (1.6-2.9)	0 (0-0)	3.5 (2.7-4.5)	112	17	95	12	110	11
Umbria	0 (0-0)	0.8 (0.6-1)	0 (0-0)	0.9 (0.6-1.1)	0 (0-0)	0.8 (0.6-1.1)	0.1 (0.1-0.1)	1.8 (1.3-2.3)	0.1 (0.1-0.1)	2.7 (2-3.6)	0.1 (0.1-0.1)	3.5 (2.7-4.6)	87	14	78	11	86	10
Valle d'Aosta	0 (0-0)	0.4 (0.2-0.7)	0 (0-0)	0.4 (0.2-0.6)	0 (0-0)	0.4 (0.2-0.7)	0 (0-0)	0.8 (0.4-1.2)	0 (0-0)	1.2 (0.6-2)	0 (0-0)	2.8 (1.6-4.7)	125	26	108	21	103	9
Veneto	0 (0-0)	0.8 (0.7-1)	0 (0-0)	0.9 (0.8-1.1)	0 (0-0)	0.9 (0.7-1.1)	0 (0-0)	2.1 (1.8-2.6)	0 (0-0.1)	3.3 (2.7-4)	0 (0-0)	4.8 (3.9-5.8)	113	13	95	9	112	4
Luxembourg	0 (0-0)	2.3 (1.8-3)	0 (0-0)	2.2 (1.8-2.8)	0 (0-0)	2.1 (1.7-2.8)	0 (0-0)	6.3 (4.9-7.7)	0 (0-0.1)	9.4 (7.3-12.1)	0 (0-0.1)	8.4 (6.1-11.1)	101	5	97	2	89	3
Malta	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.9 (0.7-1.2)	0 (0-0)	1.9 (1.4-2.3)	0 (0-0)	2 (1.5-2.6)	0 (0-0)	2.2 (1.6-2.9)	113	13	102	13	100	9
Monaco	0 (0-0)	0.6 (0.5-0.9)	0 (0-0)	0.6 (0.5-0.8)	0 (0-0)	0.6 (0.5-0.8)	0.1 (0-0.1)	1.6 (1.1-2.3)	0.1 (0-0.1)	2.2 (1.6-3)	0.1 (0-0.1)	3.1 (2.2-4)	77	21	85	15	89	15
Netherlands	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	84	54	76	47	74	41
Norway	0 (0-0)	0.8 (0.4-1.1)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1.8 (1-2.7)	0 (0-0)	2.4 (1.4-3.5)	0 (0-0)	3.7 (2.2-5.7)	147	16	147	13	151	8
Agder	0 (0-0)	0.8 (0.5-1.3)	0 (0-0)	0.8 (0.4-1.2)	0 (0-0)	0.8 (0.4-1.2)	0 (0-0)	1.7 (1-2.8)	0 (0-0)	2.2 (1.3-3.4)	0 (0-0)	3.7 (2.2-5.6)	165	19	167	13	166	8
Innlandet	0 (0-0)	0.8 (0.4-1.2)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1.7 (1-2.6)	0 (0-0)	2.3 (1.4-3.6)	0 (0-0)	3.7 (2.1-5.9)	160	17	162	11	162	9
Møre og Romsdal	0 (0-0)	0.8 (0.4-1.2)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1.9 (1.1-3)	0 (0-0)	2.6 (1.5-4.1)	0 (0-0)	3.4 (1.9-5.4)	159	17	161	12	160	10
Nordland	0 (0-0)	0.8 (0.4-1.2)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	2 (1.1-3.1)	0 (0-0)	2.1 (1.2-3.2)	0 (0-0)	3 (1.8-4.7)	154	15	157	16	152	10
Oslo	0 (0-0)	0.8 (0.4-1.3)	0 (0-0)	0.8 (0.4-1.2)	0 (0-0)	0.8 (0.4-1.2)	0 (0-0)	1.4 (0.8-2.1)	0 (0-0)	2.3 (1.3-3.5)	0 (0-0)	4.7 (2.6-7.6)	166	17	165	12	164	7
Rogaland	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1.7 (1-2.6)	0 (0-0)	2.2 (1.3-3.5)	0 (0-0)	3.9 (2.2-5.9)	126	17	123	13	125	8
Troms og Finnmark	0 (0-0)	0.9 (0.5-1.3)	0 (0-0)	0.8 (0.4-1.2)	0 (0-0)	0.8 (0.4-1.2)	0 (0-0)	1.8 (1-2.7)	0 (0-0)	2.2 (1.3-3.6)	0 (0-0)	3 (1.7-4.8)	154	17	159	14	156	10
Trøndelag	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	2 (1.1-3)	0 (0-0)	2.6 (1.4-4)	0 (0-0)	4 (2.2-6.2)	161	15	165	12	157	8
Vestfold og Telemark	0 (0-0)	0.8 (0.4-1.2)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1.7 (0.9-2.5)	0 (0-0)	2.2 (1.3-3.5)	0 (0-0)	3.7 (2.2-5.7)	131	20	131	15	133	9
Vestland	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	0.7 (0.4-1)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1.9 (1.1-3)	0 (0-0)	2.4 (1.4-3.7)	0 (0-0)	3.4 (1.8-5.2)	160	16	156	13	155	9
Viken	0 (0-0)	0.7 (0.4-1.2)	0 (0-0)	0.7 (0.4-1)	0 (0-0)	0.7 (0.4-1.1)	0 (0-0)	1.8 (1-2.8)	0 (0-0)	2.4 (1.4-3.6)	0 (0-0)	3.8 (2.1-5.8)	159	16	162	13	161	9
Portugal	0 (0-0.1)	3.5 (2.6-4.7)	0 (0-0)	3.4 (2.4-4.5)	0 (0-0)	3.2 (2.3-4.3)	0.1 (0.1-0.1)	5.6 (4.1-7.4)	0.1 (0.1-0.1)	11 (7.9-14.5)	0.1 (0.1-0.2)	13 (9.5-17.1)	87	5	78	2	74	1
San Marino	0 (0-0.1)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0.1 (0.1-0.2)	1.7 (1.2-2.4)	0.1 (0.1-0.2)	2.8 (2.1-4)	0.1 (0.1-0.2)	4.6 (3.2-6.4)	64	17	66	11	65	7
Spain	0 (0-0)	0.9 (0.7-1.1)	0 (0-0)	1 (0.8-1.2)	0 (0-0)	0.9 (0.7-1.2)	0 (0-0)	2 (1.6-2.5)	0.1 (0-0.1)	3.1 (2.4-3.9)	0.1 (0.1-0.1)	4.8 (3.9-6.1)	112	16	92	9	89	5

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
Sweden	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	2 (1.4-2.7)	0 (0-0)	2.2 (1.5-3)	0 (0-0)	3.6 (2.6-5.1)	131	15	138	13	113	10
Stockholm	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	1.8 (1.2-2.5)	0 (0-0)	2.3 (1.6-3.3)	0 (0-0)	4.1 (2.9-5.7)	125	18	133	13	108	9
Sweden except Stockholm	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	2 (1.4-2.8)	0 (0-0)	2.1 (1.5-3)	0 (0-0)	3.5 (2.5-4.9)	133	13	138	13	113	10
Switzerland	0 (0-0)	1.3 (1-1.6)	0 (0-0)	1.3 (1.1-1.6)	0 (0-0)	1.4 (1.1-1.7)	0 (0-0)	2.9 (2.4-3.6)	0 (0-0)	3.9 (3.3-4.7)	0 (0-0)	5.3 (4.2-6.7)	115	9	109	7	99	5
United Kingdom	0 (0-0)	0.9 (0.7-1.2)	0 (0-0)	0.9 (0.7-1.2)	0 (0-0)	1 (0.7-1.2)	0.1 (0-0.1)	2 (1.5-2.5)	0.1 (0.1-0.1)	2.4 (1.9-3.1)	0.1 (0.1-0.1)	2.8 (2.1-3.5)	89	13	85	11	84	8
England	0 (0-0)	0.9 (0.7-1.2)	0 (0-0)	1 (0.8-1.3)	0 (0-0)	1 (0.8-1.3)	0 (0-0)	2.1 (1.6-2.7)	0.1 (0.1-0.1)	2.6 (2-3.2)	0.1 (0-0.1)	2.8 (2.1-3.7)	90	12	85	9	84	8
East Midlands	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.6-1)	0 (0-0)	0.8 (0.6-1)	0 (0-0)	1.6 (1.2-2.1)	0 (0-0)	2 (1.5-2.5)	0 (0-0)	2.2 (1.7-2.9)	112	15	106	12	104	11
Derby	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0.1)	1.5 (1-2.1)	0 (0-0)	1.8 (1.3-2.5)	0 (0-0.1)	1.6 (1.1-2.2)	93	13	94	12	89	13
Derbyshire	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.2 (0.9-1.8)	0 (0-0)	1.4 (0.9-2)	0 (0-0)	1.3 (0.9-1.9)	121	18	112	18	104	20
Leicester	0 (0-0)	1.1 (0.8-1.5)	0 (0-0)	1.1 (0.9-1.5)	0 (0-0)	1.1 (0.8-1.5)	0 (0-0)	1.9 (1.4-2.5)	0 (0-0)	2.1 (1.6-2.7)	0 (0-0.1)	2.3 (1.7-3.1)	90	12	90	9	79	9
Leicestershire	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.1 (0.8-1.6)	0 (0-0)	1.4 (0.9-2)	0 (0-0)	1.2 (0.8-1.8)	138	19	133	16	124	19
Lincolnshire	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.1 (0.7-1.6)	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1.4 (1-2.1)	139	22	127	17	128	17
Northamptonshire	0 (0-0)	1.1 (0.8-1.5)	0 (0-0)	1.2 (0.9-1.5)	0 (0-0)	1.2 (0.9-1.5)	0 (0-0)	2.5 (1.9-3.2)	0.1 (0-0.1)	3.1 (2.3-4.1)	0 (0-0)	7.7 (5.4-10.4)	97	11	87	6	86	3
Nottingham	0 (0-0)	1.7 (1.2-2.3)	0 (0-0)	1.8 (1.3-2.4)	0 (0-0)	1.9 (1.4-2.5)	0 (0-0)	2.7 (2-3.5)	0 (0-0)	3.5 (2.5-4.5)	0 (0-0)	4.1 (2.9-5.4)	113	10	106	5	103	5
Nottinghamshire	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.2 (0.8-1.8)	0 (0-0)	1.4 (0.9-1.9)	0 (0-0)	1.5 (1-2.2)	126	18	116	18	117	16
Rutland	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.6)	0.1 (0.1-0.1)	1.4 (0.9-2)	0.1 (0.1-0.2)	1.8 (1.2-2.6)	0 (0-0.1)	0.9 (0.5-1.3)	82	18	70	15	102	30
East of England	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.8 (0.6-1)	0 (0-0)	2.1 (1.5-2.8)	0 (0-0)	2.4 (1.8-3.1)	0 (0-0.1)	2.4 (1.8-3.2)	103	13	92	12	87	11
Bedford	0 (0-0)	1.6 (1.1-2.2)	0 (0-0)	1.6 (1.1-2.3)	0 (0-0)	1.4 (1-1.9)	0 (0-0)	2.9 (2-4)	0 (0-0.1)	3.9 (2.7-5.4)	0 (0-0)	3.7 (2.5-4.9)	105	9	93	5	87	5
Cambridgeshire	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	1.4 (1-2)	0 (0-0)	1.8 (1.3-2.5)	0 (0-0)	1.9 (1.3-2.7)	117	17	108	13	108	12
Central Bedfordshire	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.4 (0.9-2)	0 (0-0)	1.5 (1-2.2)	0 (0-0)	1.7 (1.1-2.4)	103	19	99	17	85	13
Essex	0 (0-0)	0.8 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	2.1 (1.5-2.9)	0 (0-0.1)	2.4 (1.7-3.1)	0.1 (0-0.1)	2.3 (1.7-3.2)	100	13	92	12	87	11
Hertfordshire	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0.1)	2.2 (1.6-2.9)	0.1 (0.1-0.1)	2.4 (1.8-3.1)	0 (0-0.1)	2.8 (2-3.8)	89	11	87	12	85	7
Luton	0.1 (0-0.1)	1.1 (0.8-1.5)	0.1 (0.1-0.1)	1.2 (0.8-1.6)	0.1 (0.1-0.1)	1.2 (0.8-1.6)	0.1 (0.1-0.1)	1.8 (1.2-2.5)	0.1 (0.1-0.1)	2.1 (1.5-3)	0.1 (0.1-0.1)	2 (1.4-2.7)	75	12	71	10	71	12
Norfolk	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	1.5 (1-2)	0 (0-0)	1.7 (1.2-2.3)	0 (0-0)	2.2 (1.6-3.2)	142	17	133	15	134	11
Peterborough	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	1.2 (0.9-1.7)	0 (0-0)	1.3 (0.9-1.8)	0 (0-0)	1.7 (1.2-2.4)	129	19	123	19	110	13
Southend-on-Sea	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.3 (0.9-1.8)	0 (0-0.1)	1.4 (0.9-2)	0 (0-0)	1.6 (1.1-2.2)	97	19	95	16	100	18
Suffolk	0 (0-0)	1.2 (0.9-1.7)	0 (0-0)	1.2 (0.9-1.7)	0 (0-0)	1 (0.7-1.3)	0 (0-0)	3.4 (2.4-4.5)	0 (0-0.1)	3.9 (2.9-5.3)	0 (0-0.1)	3.1 (2.2-4.2)	104	9	95	6	92	7
Thurrock	0 (0-0.1)	1.4 (1-2)	0 (0-0.1)	1.5 (1-2.1)	0.1 (0-0.1)	1.4 (1-2)	0.1 (0.1-0.1)	3.5 (2.5-4.6)	0.1 (0.1-0.1)	3.9 (2.7-5.3)	0.1 (0.1-0.2)	3.1 (2.1-4.1)	72	9	71	5	68	10
Greater London	0.1 (0.1-0.1)	2.2 (1.7-2.8)	0.1 (0.1-0.1)	2.3 (1.8-2.9)	0 (0-0)	2.2 (1.7-2.8)	0.1 (0.1-0.1)	4 (3.1-5.1)	0.1 (0.1-0.1)	5.2 (4-6.7)	0.1 (0.1-0.1)	6.4 (4.9-8)	64	7	65	4	67	2

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
Barking and Dagenham	0.1 (0.1-0.1)	2.8 (2.1-3.5)	0.1 (0.1-0.1)	2.9 (2.2-3.8)	0 (0-0.1)	2.6 (2-3.4)	0.2 (0.1-0.2)	5.8 (4.4-7.5)	0.2 (0.1-0.2)	6.1 (4.7-7.9)	0.1 (0.1-0.2)	7.5 (5.6-9.6)	63	4	63	3	63	2
Barnet	0 (0-0)	1.8 (1.4-2.3)	0 (0-0)	1.9 (1.4-2.4)	0 (0-0)	1.7 (1.3-2.3)	0.1 (0.1-0.1)	4.6 (3.6-5.9)	0.1 (0.1-0.1)	5.5 (4.2-7.4)	0.1 (0.1-0.1)	6.8 (5.1-8.9)	67	6	68	4	66	2
Bexley	0 (0-0)	1.2 (0.9-1.7)	0 (0-0)	1.2 (0.9-1.7)	0 (0-0)	1.1 (0.8-1.5)	0.1 (0.1-0.1)	3.5 (2.5-5)	0.1 (0.1-0.1)	3.8 (2.7-5.3)	0.1 (0.1-0.1)	3.5 (2.5-4.8)	73	7	76	5	75	6
Brent	0.1 (0.1-0.1)	1.9 (1.5-2.5)	0.1 (0.1-0.1)	2 (1.6-2.6)	0.1 (0.1-0.1)	2 (1.5-2.6)	0.1 (0.1-0.1)	2.9 (2.2-3.6)	0.1 (0.1-0.1)	3.7 (2.8-4.8)	0.1 (0.1-0.2)	5.1 (3.9-6.6)	65	7	64	5	61	4
Bromley	0 (0-0)	1 (0.7-1.3)	0 (0-0)	1 (0.7-1.3)	0 (0-0)	1 (0.7-1.4)	0.1 (0.1-0.1)	2.6 (1.8-3.6)	0.1 (0.1-0.1)	3.5 (2.5-4.7)	0.1 (0.1-0.1)	3.4 (2.5-4.6)	77	10	77	5	76	7
Camden	0.1 (0-0.1)	2.1 (1.5-2.8)	0 (0-0)	2.1 (1.5-2.9)	0.1 (0-0.2)	1.7 (1.2-2.2)	0.1 (0.1-0.1)	3.6 (2.7-4.8)	0.1 (0.1-0.1)	5.4 (4.1-7.4)	0.2 (0.1-0.3)	2.5 (1.7-4.2)	76	7	74	3	69	12
Croydon	0.1 (0.1-0.1)	2.1 (1.6-2.7)	0.1 (0.1-0.1)	2.1 (1.6-2.8)	0.1 (0-0.1)	2.2 (1.7-2.8)	0.1 (0.1-0.1)	4.2 (3.3-5.3)	0.1 (0.1-0.2)	5.1 (3.9-6.8)	0.1 (0.1-0.2)	6 (4.5-7.6)	63	6	62	4	64	2
Ealing	0.1 (0.1-0.1)	1.4 (1-1.9)	0.1 (0.1-0.1)	1.5 (1.1-2)	0 (0-0)	1.3 (1-1.7)	0.1 (0.1-0.1)	2.6 (2-3.4)	0.1 (0.1-0.2)	3.3 (2.6-4.3)	0.1 (0.1-0.2)	4.3 (3.3-5.8)	65	10	65	6	64	5
Enfield	0.1 (0.1-0.1)	4 (3-5.2)	0.1 (0.1-0.1)	4.2 (3.2-5.5)	0 (0-0)	3.7 (2.8-4.8)	0.1 (0.1-0.1)	8.2 (6.3-10.5)	0.1 (0.1-0.2)	9.4 (7.3-12.1)	0.1 (0.1-0.1)	13.2 (10.2-17)	61	2	59	2	61	2
Greenwich	0.1 (0.1-0.1)	2.4 (1.8-3.1)	0.1 (0.1-0.1)	2.5 (1.9-3.3)	0 (0-0)	2.4 (1.8-3.1)	0.1 (0.1-0.1)	4.2 (3.2-5.4)	0.1 (0.1-0.1)	5.3 (4-6.9)	0.1 (0.1-0.1)	6.2 (4.7-7.8)	64	6	66	4	68	3
Hackney	0.2 (0.2-0.2)	6.4 (4.8-8.3)	0.1 (0.1-0.2)	6.6 (5.1-8.6)	0.1 (0-0.1)	6.2 (4.7-8)	0.2 (0.2-0.3)	7.6 (5.9-9.7)	0.2 (0.2-0.3)	11 (8.2-13.9)	0.2 (0.2-0.2)	22 (15-31.4)	52	2	53	2	54	2
Hammersmith and Fulham	0.1 (0.1-0.1)	2.1 (1.4-2.9)	0.1 (0.1-0.1)	2.1 (1.5-3)	0 (0-0)	1.8 (1.3-2.5)	0.1 (0.1-0.2)	3.2 (2.4-4.5)	0.1 (0.1-0.1)	4.9 (3.2-6.5)	0.1 (0.1-0.1)	6 (4.2-8)	60	8	66	4	61	3
Haringey	0.1 (0.1-0.2)	6.2 (4.7-8)	0.1 (0.1-0.1)	6.4 (4.9-8.2)	0.1 (0.1-0.1)	5.8 (4.4-7.6)	0.2 (0.2-0.2)	8.5 (6.6-11.4)	0.2 (0.2-0.2)	12.7 (9.4-16)	0.2 (0.2-0.3)	16.3 (12.3-21.1)	52	2	59	2	58	2
Harrow	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.9)	0.1 (0.1-0.1)	1.2 (0.8-1.7)	0.1 (0.1-0.1)	1.3 (0.9-1.8)	0.1 (0.1-0.1)	1.6 (1.1-2.3)	75	20	69	15	74	15
Havering	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.8 (0.5-1.1)	0 (0-0.1)	2.1 (1.4-3.1)	0.1 (0-0.1)	2.3 (1.7-3.4)	0.1 (0-0.1)	2 (1.4-2.9)	95	13	93	11	95	12
Hillingdon	0 (0-0)	0.8 (0.5-1.1)	0 (0-0)	0.8 (0.5-1.1)	0 (0-0)	0.8 (0.6-1.2)	0 (0-0)	1.9 (1.3-2.8)	0 (0-0)	1.9 (1.4-2.8)	0 (0-0)	2.7 (1.9-3.9)	115	14	106	12	99	8
Hounslow	0 (0-0)	1.4 (1-1.9)	0 (0-0)	1.4 (1-2)	0 (0-0)	1.4 (1-1.9)	0.1 (0-0.1)	2.6 (1.8-3.4)	0.1 (0-0.1)	3 (2-4.2)	0 (0-0)	4 (2.9-5.4)	83	10	82	7	82	5
Islington	0.1 (0.1-0.1)	1.2 (0.9-1.7)	0 (0-0.1)	1.2 (0.9-1.7)	0 (0-0)	1.3 (0.9-1.8)	0.1 (0.1-0.1)	2 (1.4-2.7)	0.1 (0.1-0.1)	2.9 (2-4)	0.1 (0.1-0.1)	5.2 (3.7-7)	69	11	72	7	70	5
Kensington and Chelsea	0 (0-0.1)	0.6 (0.4-0.8)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	0.5 (0.3-0.8)	0.1 (0.1-0.1)	1.1 (0.7-1.7)	0.1 (0.1-0.1)	1.5 (1-2.3)	0.1 (0.1-0.1)	1.6 (1.1-2.4)	75	22	73	15	71	17
Kingston upon Thames	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.9 (0.6-1.2)	0 (0-0)	0.9 (0.6-1.2)	0 (0-0)	2.5 (1.7-3.5)	0 (0-0)	2.8 (2-3.9)	0 (0-0)	2.5 (1.8-3.4)	121	12	108	8	99	12
Lambeth	0.1 (0.1-0.2)	4.8 (3.6-6.2)	0.1 (0.1-0.1)	5 (3.8-6.3)	0.1 (0.1-0.1)	4.4 (3.4-5.7)	0.2 (0.2-0.2)	6.4 (4.8-8.2)	0.2 (0.2-0.2)	8.2 (6-10.4)	0.2 (0.2-0.2)	11.8 (8.9-15.2)	53	2	58	2	55	2
Lewisham	0.1 (0.1-0.1)	3.4 (2.6-4.3)	0.1 (0.1-0.1)	3.6 (2.8-4.6)	0.1 (0.1-0.1)	3.3 (2.5-4.3)	0.2 (0.2-0.2)	4.9 (3.7-6.3)	0.2 (0.2-0.2)	7.2 (5.3-9)	0.1 (0.1-0.2)	8.8 (6.6-11.5)	60	4	56	2	61	2
Merton	0 (0-0)	1.6 (1.2-2.3)	0 (0-0)	1.7 (1.2-2.3)	0 (0-0)	1.7 (1.2-2.3)	0.1 (0-0.1)	3.8 (2.8-5.1)	0.1 (0.1-0.1)	3.8 (2.7-5.3)	0.1 (0.1-0.1)	5.8 (4.2-7.8)	81	7	72	5	76	3
Newham	0.2 (0.2-0.2)	2.9 (2.2-3.6)	0.1 (0.1-0.1)	3 (2.4-3.8)	0.1 (0.1-0.2)	3.1 (2.4-3.9)	0.2 (0.2-0.3)	3.9 (3.1-4.9)	0.2 (0.2-0.2)	5.2 (4-6.6)	0.3 (0.3-0.3)	6.6 (5-8.3)	51	6	56	4	53	2
Redbridge	0 (0-0)	1.1 (0.8-1.6)	0 (0-0)	1.2 (0.8-1.6)	0 (0-0)	1.2 (0.8-1.6)	0.1 (0.1-0.1)	2.5 (1.7-3.4)	0.1 (0.1-0.1)	3 (2.2-4)	0.1 (0.1-0.1)	4.3 (3.1-5.8)	72	9	72	7	73	5
Richmond upon Thames	0 (0-0)	0.9 (0.6-1.2)	0 (0-0)	0.9 (0.6-1.2)	0 (0-0)	0.8 (0.6-1.2)	0 (0-0)	2.3 (1.5-3.2)	0 (0-0)	3 (2.1-4.3)	0 (0-0)	3.5 (2.4-5)	110	9	103	6	100	6
Southwark	0.2 (0.2-0.2)	4.3 (3.2-5.6)	0.1 (0.1-0.1)	4.5 (3.4-5.9)	0.1 (0.1-0.1)	4.5 (3.5-5.9)	0.2 (0.2-0.2)	5.5 (3.9-7.2)	0.2 (0.2-0.2)	8.1 (6.1-10.4)	0.2 (0.2-0.3)	11.5 (8.5-15)	52	3	58	2	57	2
Sutton	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	1.9 (1.3-2.5)	0 (0-0.1)	2.1 (1.5-2.9)	0 (0-0)	2.4 (1.8-3.3)	96	13	92	11	83	11
Tower Hamlets	0.1 (0-0.1)	1.4 (1-1.8)	0 (0-0.1)	1.5 (1.1-1.9)	0 (0-0)	1.3 (0.9-1.7)	0.1 (0.1-0.1)	2.2 (1.6-2.8)	0.1 (0.1-0.1)	2.9 (2.1-3.8)	0.1 (0.1-0.1)	3.5 (2.5-4.6)	75	12	72	7	77	7

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
Waltham Forest	0.1 (0.1-0.1)	2.7 (2-3.5)	0.1 (0.1-0.1)	2.9 (2.2-3.8)	0.1 (0.1-0.1)	2.7 (2-3.6)	0.2 (0.2-0.2)	4.1 (3-5.4)	0.2 (0.2-0.2)	5.5 (4.2-7.2)	0.2 (0.2-0.2)	7.8 (5.7-10.3)	51	6	58	5	56	2
Wandsworth	0.1 (0.1-0.1)	1.4 (1.1-1.9)	0.1 (0-0.1)	1.5 (1.1-2)	0 (0-0.1)	1.4 (1.1-1.9)	0.1 (0.1-0.1)	2.4 (1.8-3.1)	0.1 (0.1-0.1)	3.4 (2.5-4.4)	0.2 (0.1-0.2)	5 (3.7-6.5)	61	8	64	6	63	3
Westminster	0.1 (0.1-0.1)	1.1 (0.7-1.5)	0 (0-0.1)	1.1 (0.8-1.6)	0 (0-0.1)	0.9 (0.6-1.2)	0.1 (0.1-0.1)	1.6 (1.1-2.3)	0.1 (0.1-0.1)	2.8 (1.9-3.9)	0.1 (0.1-0.2)	2.7 (2-3.9)	74	16	70	8	68	7
North East England	0 (0-0)	0.6 (0.5-0.9)	0 (0-0)	0.6 (0.5-0.9)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	1.5 (1.1-2)	0 (0-0)	1.9 (1.4-2.5)	0 (0-0)	2 (1.4-2.9)	140	17	133	15	128	13
County Durham	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.1 (0.7-1.6)	0 (0-0)	1.4 (0.9-1.9)	0 (0-0)	1.4 (0.9-2.1)	140	21	133	19	133	17
Darlington	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.1 (0.8-1.6)	0 (0-0)	1.4 (0.9-2.1)	0 (0-0)	1.4 (0.9-2.1)	130	19	124	17	120	17
Gateshead	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	1.7 (1.2-2.3)	0 (0-0)	1.9 (1.4-2.7)	0 (0-0)	2.6 (1.7-3.6)	139	15	135	13	127	9
Hartlepool	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	1.1 (0.8-1.6)	0 (0-0)	1.4 (0.9-2)	0 (0-0)	1.3 (0.8-2.3)	140	21	130	19	121	22
Middlesbrough	0 (0-0)	1 (0.7-1.4)	0 (0-0)	1.1 (0.8-1.5)	0 (0-0)	1.2 (0.8-1.6)	0 (0-0)	2 (1.5-2.7)	0 (0-0)	2.6 (1.8-3.4)	0 (0-0)	2.8 (1.9-3.8)	132	11	132	10	129	10
Newcastle upon Tyne	0 (0-0)	1.1 (0.8-1.5)	0 (0-0)	1.1 (0.7-1.5)	0 (0-0)	1.2 (0.8-1.6)	0 (0-0)	2.5 (1.8-3.4)	0 (0-0)	3.1 (2.1-4.2)	0 (0-0)	3.3 (2.3-4.4)	135	12	129	8	117	6
North Tyneside	0 (0-0)	0.9 (0.6-1.2)	0 (0-0)	0.9 (0.6-1.2)	0 (0-0)	0.9 (0.7-1.3)	0 (0-0)	2.2 (1.6-3)	0 (0-0)	2.8 (1.9-3.7)	0 (0-0)	3.9 (2.7-5.3)	131	13	127	9	125	5
Northumberland	0 (0-0)	0.5 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.2 (0.8-1.7)	0 (0-0)	1.4 (1-2)	0 (0-0)	1.8 (1.2-2.6)	143	21	141	20	140	15
Redcar and Cleveland	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.3 (0.9-1.8)	0 (0-0)	1.5 (1-2.1)	0 (0-0)	1.2 (0.7-1.8)	134	21	128	17	99	26
South Tyneside	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.3 (0.8-1.9)	0 (0-0)	1.6 (1-2.2)	0 (0-0)	1.5 (1-2.1)	131	20	130	18	128	18
Stockton-on-Tees	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.7 (0.4-0.9)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	1.5 (1.1-2)	0 (0-0)	1.9 (1.3-2.5)	0 (0-0)	2.2 (1.5-3)	138	16	136	13	123	10
Sunderland	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.1 (0.8-1.6)	0 (0-0)	1.4 (1-2)	0 (0-0)	1.7 (1.1-2.5)	136	21	133	18	132	17
North West England	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.9 (0.6-1.1)	0 (0-0)	0.9 (0.7-1.2)	0 (0-0)	1.7 (1.3-2.3)	0 (0-0)	2.1 (1.6-2.7)	0 (0-0)	2.2 (1.6-2.9)	109	14	98	12	93	10
Blackburn with Darwen	0 (0-0)	1 (0.8-1.4)	0 (0-0)	1.1 (0.7-1.4)	0 (0-0)	1 (0.7-1.4)	0.1 (0-0.1)	1.4 (1-2)	0.1 (0.1-0.1)	1.9 (1.4-2.6)	0.1 (0.1-0.1)	2.1 (1.6-2.8)	89	15	81	12	76	12
Blackpool	0 (0-0)	0.9 (0.6-1.2)	0 (0-0)	0.9 (0.7-1.2)	0 (0-0)	0.9 (0.7-1.2)	0 (0-0)	1.6 (1.1-2.1)	0 (0-0)	1.7 (1.2-2.2)	0 (0-0.1)	2 (1.4-2.6)	107	15	103	15	81	12
Bolton	0 (0-0)	1.1 (0.8-1.5)	0 (0-0)	1.1 (0.8-1.5)	0 (0-0)	1.2 (0.8-1.6)	0 (0-0)	2.1 (1.5-2.8)	0 (0-0)	2.5 (1.8-3.3)	0 (0-0)	2.8 (2-3.6)	130	12	124	8	114	8
Bury	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.7 (0.5-1)	0.1 (0.1-0.1)	1.5 (1-2.1)	0.1 (0.1-0.1)	1.8 (1.2-2.5)	0.1 (0.1-0.1)	1.4 (1-2)	88	17	82	14	80	17
Cheshire East	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	1.5 (1.1-2.1)	0 (0-0)	1.7 (1.2-2.3)	0 (0-0)	1.7 (1.2-2.4)	125	17	115	15	117	14
Cheshire West and Chester	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1.3 (0.9-1.8)	0 (0-0)	1.5 (1-2.2)	137	18	132	19	124	17
Cumbria	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	1.3 (0.9-1.7)	0 (0-0)	1.7 (1.2-2.4)	0 (0-0)	1.7 (1.2-2.4)	137	19	129	13	126	15
Halton	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1.4 (0.9-2.3)	136	25	130	18	111	19
Knowsley	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	1.1 (0.7-1.5)	0 (0-0)	1.2 (0.8-1.8)	0 (0-0)	1.4 (1-2.1)	130	24	128	23	117	16
Lancashire	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	1.2 (0.9-1.7)	0 (0-0)	1.3 (0.9-1.8)	0 (0-0)	1.4 (1-2)	117	22	109	18	106	17
Liverpool	0 (0-0)	1.1 (0.8-1.5)	0 (0-0)	1.2 (0.8-1.6)	0 (0-0)	1.3 (1-1.7)	0.1 (0-0.1)	2.2 (1.6-2.9)	0.1 (0.1-0.1)	2.7 (1.9-3.6)	0 (0-0.1)	2.5 (1.7-3.4)	92	11	84	6	84	8
Manchester	0.1 (0.1-0.1)	2.3 (1.7-3)	0.1 (0.1-0.1)	2.5 (1.9-3.2)	0.1 (0-0.1)	2.5 (1.9-3.2)	0.1 (0.1-0.1)	3.5 (2.6-4.5)	0.1 (0.1-0.1)	4.6 (3.4-5.9)	0.1 (0.1-0.1)	4.3 (3.1-5.7)	73	7	72	4	75	4

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
Oldham	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0.1)	1.1 (0.8-1.4)	0.1 (0-0.1)	1.2 (0.9-1.7)	0.1 (0-0.1)	1.1 (0.8-1.5)	89	22	86	19	78	18
Rochdale	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1.1 (0.8-1.6)	0 (0-0)	1.1 (0.8-1.6)	135	22	131	20	113	22
Salford	0 (0-0)	2 (1.5-2.6)	0 (0-0)	2.1 (1.6-2.8)	0 (0-0)	2.1 (1.6-2.8)	0 (0-0)	3.6 (2.6-4.7)	0.1 (0-0.1)	4.3 (3.3-5.8)	0 (0-0)	5 (3.9-6.5)	103	8	89	4	78	4
Sefton	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.2 (0.8-1.8)	0 (0-0)	1.4 (0.9-1.9)	0 (0-0)	1.3 (0.9-1.9)	105	21	102	17	95	17
St Helens	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	1.1 (0.7-1.5)	0 (0-0)	1.4 (1-2)	0 (0-0)	1.5 (1-2)	137	25	129	17	124	16
Stockport	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	1.6 (1.1-2.2)	0 (0-0)	1.9 (1.3-2.5)	0 (0-0)	1.7 (1.1-2.4)	108	17	106	13	106	14
Tameside	0 (0-0)	1.2 (0.9-1.7)	0 (0-0)	1.3 (0.9-1.8)	0 (0-0)	1.3 (0.9-1.8)	0 (0-0)	2.8 (2-3.8)	0 (0-0)	3.3 (2.3-4.6)	0 (0-0)	2.3 (1.7-3.1)	131	10	127	6	123	12
Trafford	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.1 (0.8-1.6)	0 (0-0.1)	1.6 (1-2.3)	0 (0-0)	1.9 (1.4-2.7)	106	22	95	16	100	13
Warrington	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.2 (0.8-1.7)	0 (0-0)	1.4 (0.9-1.9)	0 (0-0)	1.9 (1.3-2.8)	106	20	97	17	86	12
Wigan	0 (0-0)	0.8 (0.5-1.1)	0 (0-0)	0.8 (0.5-1.1)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	1.5 (1.1-2.1)	0 (0-0)	2.2 (1.6-2.9)	0 (0-0)	1.9 (1.4-2.6)	136	16	131	10	120	12
Wirral	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	1.4 (0.9-1.9)	0.1 (0-0.1)	1.7 (1.1-2.3)	0.1 (0-0.1)	1.6 (1.1-2.3)	100	18	89	13	82	14
South East England	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	1.8 (1.3-2.5)	0 (0-0)	2.2 (1.6-2.9)	0 (0-0)	2.3 (1.7-3.1)	108	14	97	12	95	11
Bracknell Forest	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0.1 (0-0.1)	1.4 (0.9-2.1)	0 (0-0.1)	1.7 (1.2-2.5)	0 (0-0.1)	1.8 (1.2-2.6)	84	19	90	14	99	15
Brighton and Hove	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1.6 (1.2-2.2)	0 (0-0)	2.8 (1.9-3.9)	104	20	98	16	101	7
Buckinghamshire	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	2 (1.5-2.8)	0 (0-0)	2.5 (1.8-3.2)	0 (0-0)	2.4 (1.7-3.2)	119	13	110	10	105	9
East Sussex	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.2 (0.8-1.9)	0 (0-0)	1.4 (1-2)	0 (0-0)	1.6 (1.1-2.3)	111	23	100	16	97	16
Hampshire	0 (0-0)	0.6 (0.5-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.6 (0.5-0.9)	0 (0-0)	1.9 (1.4-2.5)	0 (0-0)	2.5 (1.8-3.3)	0 (0-0)	2.2 (1.6-3.1)	125	15	112	11	117	9
Isle of Wight	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.5 (1-2.1)	0 (0-0)	1.9 (1.2-2.8)	0 (0-0)	1.5 (1-2.1)	139	22	136	15	130	20
Kent	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	2.1 (1.5-2.8)	0 (0-0)	2.6 (1.9-3.4)	0 (0-0)	2.2 (1.6-3)	110	13	97	11	92	12
Medway	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	1.8 (1.3-2.4)	0 (0-0)	2.4 (1.7-3.1)	0 (0-0)	2.7 (1.9-3.7)	108	14	103	12	93	8
Milton Keynes	0 (0-0)	1.7 (1.3-2.2)	0 (0-0)	1.8 (1.4-2.4)	0 (0-0)	1.7 (1.3-2.2)	0 (0-0)	3.6 (2.7-4.6)	0 (0-0)	4.4 (3.3-5.8)	0 (0-0)	4.9 (3.6-6.4)	87	8	85	5	101	5
Oxfordshire	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	1.9 (1.4-2.7)	0 (0-0)	2.4 (1.7-3.2)	0 (0-0.1)	2.8 (2-3.8)	95	14	93	11	88	9
Portsmouth	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1 (0.7-1.4)	0 (0-0)	1.5 (1-2.1)	0 (0-0)	1.6 (1.1-2.4)	130	23	125	17	116	17
Reading	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0.1 (0-0.1)	0.9 (0.6-1.3)	0.1 (0.1-0.1)	1.1 (0.8-1.6)	0.1 (0-0.1)	1.5 (1-2.2)	81	27	82	18	84	15
Slough	0.1 (0.1-0.1)	1.3 (0.9-1.8)	0.1 (0.1-0.1)	1.4 (1-2)	0 (0-0)	1.3 (0.9-1.9)	0.1 (0.1-0.1)	2.4 (1.6-3.5)	0.1 (0.1-0.1)	2.7 (2-3.7)	0.1 (0.1-0.1)	3.4 (2.2-4.5)	71	11	70	7	63	8
Southampton	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.8 (0.5-1.1)	0 (0-0)	0.8 (0.6-1.2)	0 (0-0)	1.8 (1.2-2.5)	0 (0-0.1)	2.1 (1.5-2.9)	0 (0-0)	2.3 (1.6-3.2)	105	13	90	11	101	11
Surrey	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	1.8 (1.3-2.5)	0 (0-0)	2.2 (1.5-2.9)	0 (0-0)	2.4 (1.7-3.3)	110	14	99	12	98	11
West Berkshire	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.4 (0.9-2)	0 (0-0)	1.4 (0.9-1.9)	0 (0-0)	1.8 (1.2-2.6)	136	19	133	20	128	16
West Sussex	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	1.5 (1-2.1)	0.1 (0.1-0.1)	1.7 (1.2-2.3)	0 (0-0.1)	1.8 (1.3-2.6)	92	16	83	14	88	14

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
Windsor and Maidenhead	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0.1 (0-0.1)	1.3 (0.9-1.9)	0.1 (0-0.1)	1.7 (1.1-2.6)	0.1 (0.1-0.1)	1.5 (1-2.2)	86	22	91	13	83	19
Wokingham	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	1.6 (1.1-2.2)	0.1 (0-0.1)	1.7 (1.1-2.5)	0 (0-0.1)	0.8 (0.5-1.1)	91	15	88	14	92	34
South West England	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	1.5 (1.1-2)	0 (0-0)	1.8 (1.3-2.4)	0 (0-0)	2.1 (1.6-2.9)	117	16	109	13	103	13
Bath and North East Somerset	0 (0-0)	0.7 (0.5-1)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	2.3 (1.6-3.2)	0 (0-0)	3 (2-4.1)	0 (0-0.1)	2.7 (1.8-3.7)	105	13	101	10	91	12
Bournemouth	0 (0-0)	1.1 (0.8-1.5)	0 (0-0)	1.1 (0.8-1.5)	0 (0-0)	0.9 (0.7-1.2)	0 (0-0)	2.6 (1.9-3.7)	0 (0-0)	3.2 (2.2-4.3)	0 (0-0)	5.8 (3.5-9.1)	135	9	130	7	121	4
Bristol, City of	0 (0-0)	1.4 (1-1.8)	0 (0-0)	1.4 (1.1-1.9)	0 (0-0)	1.3 (1-1.8)	0 (0-0)	3.1 (2.3-4)	0.1 (0.1-0.1)	3.8 (2.8-5)	0 (0-0)	5 (3.7-6.3)	88	7	81	6	88	3
Cornwall	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.6)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.2 (0.8-1.7)	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1.3 (0.9-1.8)	144	23	137	17	138	21
Devon	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.5 (0.3-0.6)	0 (0-0)	1.2 (0.8-1.7)	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1.5 (1-2.2)	120	21	111	17	103	16
Dorset	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.3 (0.8-1.8)	0 (0-0)	1.6 (1.1-2.2)	0 (0-0)	1.6 (1.1-2.3)	133	18	133	14	133	17
Gloucestershire	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	1.6 (1.1-2.2)	0.1 (0-0.1)	1.7 (1.2-2.4)	0.1 (0-0.1)	1.8 (1.2-2.5)	95	15	93	13	84	13
North Somerset	0 (0-0)	0.5 (0.3-0.6)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.2 (0.8-1.7)	0 (0-0)	1.5 (1-2.2)	0 (0-0)	2.2 (1.5-3.3)	132	21	126	16	121	11
Plymouth	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.1 (0.7-1.5)	0 (0-0)	1.2 (0.8-1.7)	0 (0-0)	1.8 (1.2-2.5)	135	24	127	17	113	15
Poole	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0.1)	1.3 (0.9-1.9)	0.1 (0.1-0.1)	1.6 (1-2.3)	0 (0-0)	3.7 (2.1-5.7)	93	21	81	16	99	5
Somerset	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.2 (0.8-1.8)	0 (0-0)	1.4 (1-2.1)	0 (0-0)	1.7 (1.2-2.5)	116	20	105	15	103	15
South Gloucestershire	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.7 (0.5-1)	0 (0-0)	1.8 (1.2-2.4)	0 (0-0)	2.3 (1.6-3.2)	0 (0-0)	3.1 (2.1-4.2)	130	15	128	12	99	7
Swindon	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.2 (0.8-1.7)	0 (0-0)	1.5 (1-2.1)	0 (0-0)	1.7 (1.1-2.4)	141	20	137	16	138	18
Torbay	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.2 (0.8-1.8)	0 (0-0)	1.2 (0.8-1.9)	0 (0-0)	1.7 (1.2-2.5)	139	22	134	16	136	15
Wiltshire	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1.5 (1-2.1)	0 (0-0)	1.8 (1.3-2.6)	138	18	137	16	126	14
West Midlands	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.9 (0.7-1.1)	0 (0-0)	0.9 (0.7-1.2)	0.1 (0-0.1)	1.7 (1.3-2.2)	0.1 (0.1-0.1)	2 (1.5-2.5)	0.1 (0-0.1)	1.9 (1.4-2.5)	85	14	84	11	80	11
Birmingham	0.1 (0-0.1)	1.4 (1.1-1.8)	0 (0-0.1)	1.5 (1.1-1.9)	0.1 (0-0.1)	1.5 (1.2-2)	0.1 (0.1-0.1)	2.2 (1.7-2.8)	0.1 (0.1-0.1)	2.6 (2-3.3)	0.1 (0.1-0.1)	2.5 (1.9-3.3)	72	11	73	8	70	7
Coventry	0 (0-0)	1.1 (0.8-1.5)	0 (0-0)	1.2 (0.8-1.6)	0 (0-0)	1.2 (0.9-1.7)	0 (0-0.1)	2.1 (1.6-3)	0.1 (0.1-0.1)	2.7 (1.9-3.7)	0.1 (0-0.1)	2.9 (2-4)	91	12	82	8	82	7
Dudley	0 (0-0)	1 (0.7-1.2)	0 (0-0)	0.9 (0.7-1.2)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0.1)	2.2 (1.6-2.9)	0.1 (0.1-0.1)	2.5 (1.8-3.2)	0.1 (0.1-0.1)	2 (1.4-2.7)	90	12	89	8	84	13
Herefordshire, County of	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.4 (0.9-2.1)	0 (0-0)	1.6 (1-2.3)	0 (0-0)	1.1 (0.7-1.5)	132	18	131	16	120	24
Sandwell	0.1 (0.1-0.1)	1.4 (1-1.9)	0.1 (0-0.1)	1.5 (1.1-2)	0 (0-0.1)	1.3 (0.9-1.7)	0.1 (0.1-0.1)	2.5 (1.9-3.4)	0.1 (0.1-0.1)	2.6 (1.9-3.5)	0.1 (0.1-0.1)	2.4 (1.8-3.4)	69	9	70	7	70	8
Shropshire	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.1 (0.8-1.6)	0 (0-0)	1.5 (1-2)	0 (0-0)	1.6 (1.1-2.4)	137	21	132	17	112	16
Solihull	0 (0-0)	0.6 (0.5-0.9)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	1.8 (1.3-2.6)	0 (0-0)	2 (1.5-2.9)	0 (0-0)	1.6 (1.1-2.1)	102	14	95	12	102	14
Staffordshire	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.2 (0.9-1.8)	0 (0-0)	1.4 (0.9-1.9)	0 (0-0)	1.2 (0.8-1.8)	105	20	97	17	96	16
Stoke-on-Trent	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.8 (0.5-1.1)	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	0.9 (0.6-1.3)	140	29	126	22	118	25
Telford and Wrekin	0 (0-0)	1.3 (0.9-1.7)	0 (0-0)	1.3 (0.9-1.7)	0 (0-0)	1.3 (0.9-1.8)	0 (0-0)	2.5 (1.8-3.4)	0 (0-0)	3 (2.2-4)	0 (0-0)	3.6 (2.6-5)	134	10	123	7	96	5

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
Walsall	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0.1)	0.9 (0.6-1.3)	0.1 (0-0.1)	1 (0.6-1.4)	0 (0-0)	1.1 (0.8-1.7)	88	26	84	20	82	20
Warwickshire	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.2 (0.8-1.8)	0 (0-0)	1.4 (1-2)	0 (0-0)	1.1 (0.8-1.7)	115	18	107	15	100	19
Wolverhampton	0.1 (0.1-0.1)	0.7 (0.5-1)	0.1 (0.1-0.1)	0.7 (0.5-1)	0 (0-0)	0.8 (0.5-1)	0.1 (0.1-0.1)	1.3 (1-1.8)	0.1 (0.1-0.1)	1.4 (1-1.9)	0.1 (0.1-0.1)	1.8 (1.3-2.5)	66	17	68	16	73	13
Worcestershire	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.1 (0.7-1.6)	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1.3 (0.9-2)	117	22	108	20	103	19
Yorkshire and the Humber	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	1.2 (0.9-1.6)	0 (0-0)	1.5 (1.1-2)	0 (0-0)	1.7 (1.2-2.3)	108	21	97	16	94	14
Barnsley	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1.3 (0.9-2)	0 (0-0)	1.5 (1-2.1)	133	24	127	20	125	20
Bradford	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	1.1 (0.7-1.5)	0 (0-0)	1.3 (0.9-1.8)	0 (0-0.1)	1.5 (1-2.1)	101	21	92	17	93	14
Calderdale	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	1 (0.7-1.4)	0 (0-0)	1.1 (0.7-1.5)	0 (0-0)	1.5 (1-2.1)	126	21	120	19	111	17
Doncaster	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	1 (0.7-1.4)	0 (0-0)	1.1 (0.8-1.6)	0 (0-0)	1.2 (0.8-1.7)	138	21	133	21	131	20
East Riding of Yorkshire	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.2 (0.8-1.8)	0 (0-0)	1.5 (1-2)	0 (0-0)	2.1 (1.4-3)	142	21	139	18	139	13
Kingston upon Hull, City of	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	0.9 (0.6-1.3)	0 (0-0)	1 (0.7-1.4)	0 (0-0)	1.6 (1.1-2.3)	0 (0-0)	2 (1.4-2.8)	0 (0-0)	2.6 (1.8-3.6)	100	18	96	14	93	11
Kirklees	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0)	0.5 (0.4-0.8)	0 (0-0.1)	0.9 (0.6-1.4)	0 (0-0.1)	1 (0.7-1.5)	0 (0-0.1)	1.1 (0.7-1.6)	96	22	94	20	85	17
Leeds	0 (0-0)	0.9 (0.7-1.2)	0 (0-0)	0.9 (0.7-1.2)	0 (0-0)	1 (0.7-1.3)	0 (0-0.1)	1.9 (1.4-2.5)	0.1 (0.1-0.1)	2.4 (1.7-3.1)	0 (0-0.1)	2.5 (1.8-3.5)	91	12	82	10	85	8
North East Lincolnshire	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	1.1 (0.7-1.5)	0 (0-0)	1.2 (0.8-1.7)	0 (0-0)	1.6 (1.1-2.2)	129	25	121	18	126	17
North Lincolnshire	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.1 (0.7-1.6)	0 (0-0)	1.4 (1-2)	0 (0-0)	2.4 (1.7-3.5)	133	25	127	18	119	9
North Yorkshire	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.4 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.2 (0.8-1.8)	0 (0-0)	1.5 (1-2.2)	0 (0-0)	1.9 (1.3-2.9)	120	19	109	17	96	15
Rotherham	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1.1 (0.7-1.5)	0 (0-0)	1.3 (0.9-1.9)	0 (0-0)	1.7 (1.2-2.5)	108	22	95	17	92	15
Sheffield	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0.1)	1.3 (0.9-1.8)	0.1 (0.1-0.1)	1.7 (1.2-2.4)	0.1 (0.1-0.1)	1.9 (1.4-2.6)	93	17	85	13	85	12
Wakefield	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.8)	0 (0-0)	1 (0.7-1.5)	0 (0-0)	1.1 (0.7-1.6)	0 (0-0)	1.3 (0.9-1.9)	106	23	104	23	93	15
York	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	1 (0.7-1.4)	0 (0-0)	1.4 (1-2)	0 (0-0)	1.3 (0.9-1.9)	133	24	128	15	120	23
Northern Ireland	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.7 (0.5-0.9)	0.1 (0.1-0.1)	1.4 (1-1.9)	0.1 (0.1-0.1)	1.5 (1.1-1.9)	0.1 (0.1-0.1)	2.6 (1.9-3.4)	82	18	81	17	80	8
Scotland	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.7 (0.5-0.9)	0.1 (0.1-0.1)	1.4 (1-1.9)	0.1 (0.1-0.1)	1.8 (1.4-2.4)	0.1 (0.1-0.1)	2.2 (1.6-3)	82	18	83	15	80	11
Wales	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.7 (0.5-0.9)	0.1 (0.1-0.1)	1.5 (1.1-2)	0.1 (0.1-0.1)	1.8 (1.3-2.4)	0.1 (0.1-0.1)	2.2 (1.7-2.9)	80	15	82	14	82	11
Latin America and Caribbean	0.3 (0.2-0.3)	1.5 (1.3-1.8)	0.3 (0.2-0.3)	1.6 (1.3-1.8)	0.3 (0.2-0.3)	1.9 (1.6-2.2)	0.1 (0.1-0.1)	0.7 (0.6-0.8)	0.1 (0.1-0.1)	0.7 (0.5-0.8)	0.2 (0.1-0.2)	1.4 (1.1-1.8)	75	24	69	23	62	18
Andean Latin America	0.1 (0-0.1)	0.4 (0.3-0.5)	0 (0-0.1)	0.4 (0.3-0.5)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.3 (0.2-0.4)	117	67	128	59	126	48
Bolivia (Plurinational State of)	0.1 (0.1-0.2)	0.4 (0.3-0.6)	0.1 (0-0.1)	0.4 (0.3-0.6)	0 (0-0.1)	0.4 (0.3-0.6)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	107	74	110	66	114	54
Ecuador	0 (0-0)	0.3 (0.3-0.4)	0 (0-0)	0.4 (0.3-0.4)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0.4 (0.3-0.5)	162	65	161	55	129	41
Peru	0.1 (0-0.1)	0.4 (0.2-0.5)	0 (0-0.1)	0.4 (0.2-0.5)	0 (0-0)	0.4 (0.2-0.5)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.2-0.4)	115	61	123	54	125	46
Caribbean	2 (1.4-2.8)	14.6 (12.1-17)	1.8 (1.2-2.5)	15.4 (12.9-17.9)	1.8 (1.1-2.6)	17.6 (14.8-20.6)	0.6 (0.4-0.8)	4.4 (3.7-5.1)	0.2 (0.1-0.2)	1.4 (1.1-1.6)	0.6 (0.4-0.9)	6.2 (5.1-7.5)	28	7	29	8	28	6

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
Antigua and Barbuda	1.8 (1.6-2.1)	6.6 (4.5-9)	1.3 (1.1-1.5)	6.8 (4.7-9.4)	1.3 (1.1-1.5)	8 (5.6-10.8)	1.7 (1.6-1.8)	6.3 (4.4-8.9)	1.7 (1.6-1.8)	8.8 (5.9-12.5)	2.2 (2-2.4)	13.9 (9.5-20.1)	14	5	12	2	11	2
Bahamas	1.3 (1.1-1.4)	12.7 (8.8-18)	1.1 (0.9-1.2)	13.7 (9.5-19.5)	0.9 (0.7-1.2)	15.7 (11.2-21.4)	1.3 (1.2-1.4)	13 (8.9-18.9)	1.2 (1.1-1.3)	15.1 (11.1-21.5)	1.2 (1.1-1.4)	20.9 (15.1-29.5)	17	1	18	1	18	1
Barbados	1 (0.8-1.1)	7.2 (5-10)	0.7 (0.7-0.8)	7.2 (5.1-9.8)	0.4 (0.3-0.6)	8.7 (6-11.8)	0.9 (0.8-1)	6.5 (4.5-9.2)	0.8 (0.7-0.9)	7.6 (5.3-11.1)	0.7 (0.5-0.8)	13.4 (8.5-19.5)	20	4	22	5	27	2
Belize	0.7 (0.6-0.7)	11.5 (8.3-15.2)	0.5 (0.4-0.5)	11.3 (8.2-15)	0.4 (0.3-0.5)	13.4 (9.9-17.6)	0.3 (0.3-0.3)	5.3 (3.7-7.1)	0.3 (0.3-0.4)	7.9 (5.6-10.4)	0.4 (0.4-0.5)	13.6 (10-18.6)	46	4	46	4	43	2
Bermuda	0.6 (0.5-0.7)	4.7 (3.1-7.1)	0.5 (0.4-0.6)	4.8 (3-7.1)	0.5 (0.4-0.6)	6 (3.9-8.4)	1.2 (1.1-1.3)	9.9 (6.8-15.3)	1.3 (1.2-1.4)	12 (7.8-17.8)	1.6 (1.4-1.8)	20.7 (13.4-30.5)	17	1	16	1	16	1
Cuba	0.3 (0.3-0.3)	2.7 (2.2-3.4)	0.2 (0.2-0.2)	2.8 (2.2-3.5)	0.2 (0.2-0.3)	4.4 (3.5-5.4)	0.4 (0.4-0.5)	4 (3.2-5)	0.4 (0.4-0.5)	6 (4.7-7.6)	0.5 (0.5-0.6)	10.3 (7.9-12.8)	40	6	42	4	39	2
Dominica	1.3 (1-1.7)	7.7 (5.5-10.4)	1.4 (1.1-1.8)	7.6 (5.5-10.6)	1.5 (1.1-2)	8.9 (6.4-12)	1.2 (0.9-1.5)	6.7 (4.6-8.9)	1.1 (0.8-1.4)	5.8 (4-7.9)	1.2 (0.9-1.5)	6.8 (4.8-9.6)	18	3	21	5	20	4
Dominican Republic	1.7 (1.3-2.1)	17.3 (13.5-20.9)	1.2 (0.9-1.5)	16.9 (13.1-20.6)	0.9 (0.7-1.2)	19 (15-23)	0.6 (0.5-0.7)	6.4 (4.8-7.8)	0.6 (0.5-0.7)	8.4 (6.4-11.1)	0.5 (0.4-0.7)	10.9 (8.3-14.3)	25	6	26	3	28	3
Grenada	2.2 (1.9-2.5)	8.4 (6.1-11.3)	2 (1.7-2.3)	8.5 (6.1-11.3)	1.8 (1.5-2)	10 (7.2-13.6)	1.6 (1.4-1.7)	6 (4.2-8.3)	1.7 (1.5-1.8)	7.2 (5-10.5)	1.9 (1.7-2.1)	10.7 (7.7-14.3)	11	5	11	5	12	2
Guyana	2 (1.6-2.4)	8.9 (6.4-11.8)	1.8 (1.6-2.1)	9.2 (6.6-12.5)	1.3 (1.1-1.6)	10.3 (7.5-13.9)	0.7 (0.6-0.8)	3 (2.1-4)	0.8 (0.7-0.9)	4 (2.9-5.8)	0.8 (0.7-0.9)	6 (4-8.4)	24	10	22	7	23	3
Haiti	4.6 (2.5-7.3)	23.3 (19.7-26.7)	4.1 (2.3-6.3)	23.2 (19.7-26.6)	3.8 (1.9-6)	24.2 (20.7-27.7)	0.6 (0.3-0.9)	3 (2.5-3.5)	0.1 (0.1-0.2)	0.7 (0.6-0.8)	0.7 (0.4-1)	4.3 (3.5-5.2)	28	10	28	8	30	8
Jamaica	1.5 (1.3-1.7)	25.2 (22.9-27.6)	1 (0.9-1.1)	25.1 (22.9-27.5)	0.8 (0.7-1)	25.3 (21.4-29.2)	1.1 (1-1.2)	19.4 (16-23.5)	1 (0.9-1.1)	24.7 (20.7-29.1)	1 (0.9-1.1)	30.1 (22.3-39.3)	14	2	16	2	18	1
Puerto Rico	0.1 (0.1-0.1)	5.3 (3.4-7.4)	0.1 (0.1-0.1)	5.5 (3.5-8.1)	0.1 (0.1-0.1)	6.7 (4.3-9.7)	0.1 (0.1-0.2)	6.4 (4.2-9.1)	0.1 (0.1-0.2)	9.3 (6.3-13.3)	0.2 (0.2-0.3)	21.3 (14.3-32.3)	67	3	70	3	60	1
Saint Kitts and Nevis	1.6 (1.4-1.8)	7.5 (5.2-10.2)	1.1 (1-1.2)	7.4 (5.2-10.3)	1.1 (0.9-1.4)	8.7 (6.2-11.7)	1.1 (1-1.2)	5.3 (3.8-7.3)	1.1 (1-1.2)	7.5 (5.4-10.5)	1.4 (1.2-1.5)	10.3 (7.3-14.3)	17	5	20	3	16	3
Saint Lucia	1.6 (1.4-1.9)	8.5 (5.9-11.4)	1.3 (1.1-1.4)	8.5 (6-11.6)	1.2 (1-1.5)	10 (6.9-13.5)	1.4 (1.3-1.5)	7.3 (5-10.2)	1.2 (1.1-1.2)	7.8 (5.4-10.7)	1.3 (1.2-1.4)	10.8 (7.1-14.8)	14	3	14	3	15	2
Saint Vincent and the Grenadines	1.8 (1.5-2.1)	8.6 (6.1-11.7)	1.3 (1.2-1.5)	8.8 (6.2-11.9)	1.7 (1.4-2)	10 (7.2-13.5)	1.1 (1-1.2)	5.4 (3.5-7.3)	1 (0.9-1.1)	6.9 (4.8-9.6)	1.7 (1.6-1.9)	10.3 (7.1-14.4)	18	6	20	3	15	2
Suriname	1 (0.7-1.2)	9.1 (6.6-12.2)	0.9 (0.8-1.2)	9.3 (6.8-12.6)	0.8 (0.6-1.1)	10.5 (7.7-14.2)	0.4 (0.3-0.5)	3.6 (2.6-5)	0.5 (0.4-0.6)	4.7 (3.3-6.4)	0.5 (0.4-0.6)	6.2 (4.5-9)	33	8	33	7	35	4
Trinidad and Tobago	1.1 (1-1.2)	8.3 (5.9-11.4)	0.9 (0.8-1)	8.2 (5.7-11.1)	0.7 (0.6-0.9)	9.6 (6.8-13.2)	0.8 (0.7-0.8)	5.9 (4.2-7.9)	0.7 (0.6-0.7)	6.3 (4.6-9)	0.7 (0.6-0.8)	10 (6.9-13.2)	25	4	26	5	29	2
United States Virgin Islands	0.4 (0.3-0.6)	6.4 (4.4-8.9)	0.4 (0.3-0.5)	6.4 (4.3-9)	0.3 (0.2-0.5)	7.5 (5.1-10.5)	0.4 (0.3-0.5)	6.2 (4.2-9.1)	0.5 (0.4-0.7)	8.8 (6.2-12.1)	0.5 (0.4-0.9)	14.7 (9.7-21.2)	40	3	42	3	38	2
Central Latin America	0.1 (0-0.1)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	116	78	117	76	106	68
Colombia	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.3)	0.1 (0.1-0.1)	0.3 (0.2-0.5)	90	62	89	56	79	45
Costa Rica	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	85	148	80	143	79	137
El Salvador	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	162	116	170	116	175	105
Guatemala	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	171	131	173	124	172	116
Honduras	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	155	176	152	180	141
Mexico	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	141	90	143	91	134	79
Aguascalientes	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	142	166	137	164	129
Baja California	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	146	90	145	86	139	79
Baja California Sur	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.4)	116	74	118	70	109	55

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
Campeche	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.4)	125	74	124	67	115	53
Chiapas	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	132	95	133	87	120	77
Chihuahua	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	144	123	155	124	136	118
Coahuila	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	157	102	161	102	149	87
Colima	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	125	96	124	91	114	86
Durango	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	152	112	159	107	153	90
Guanajuato	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	156	105	161	104	152	98
Guerrero	0 (0-0.1)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.2 (0.1-0.3)	121	86	118	77	106	58
Hidalgo	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	152	113	156	114	148	99
Jalisco	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	140	98	148	92	137	88
México	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	159	128	162	124	151	104
Mexico City	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	163	93	158	94	149	86
Michoacán de Ocampo	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	150	108	157	102	148	94
Morelos	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	142	98	144	96	132	85
Nayarit	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	144	95	151	97	138	82
Nuevo León	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	141	83	147	77	130	80
Oaxaca	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	130	77	127	76	117	64
Puebla	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	145	120	147	116	139	101
Querétaro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	162	148	160	140	151	128
Quintana Roo	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	133	76	123	73	122	64
San Luis Potosí	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	148	102	152	100	141	87
Sinaloa	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	160	87	167	82	157	74
Sonora	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	157	90	158	91	155	89
Tabasco	0 (0-0.1)	0.4 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.6)	0.1 (0-0.1)	0.5 (0.4-0.6)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.4 (0.3-0.5)	108	55	107	50	98	42
Tamaulipas	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.3)	133	68	128	70	125	53
Tlaxcala	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	160	116	162	120	154	105
Veracruz de Ignacio de la Llave	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.2 (0.1-0.2)	120	85	124	79	109	67
Yucatán	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	138	69	136	63	130	59
Zacatecas	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	144	160	138	160	146

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
Nicaragua	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	146	114	150	103	156	90
Panama	0.4 (0.4-0.5)	0 (0-0.1)	0.4 (0.3-0.4)	0 (0-0.1)	0.3 (0.2-0.3)	0 (0-0.1)	0.3 (0.3-0.3)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.3 (0.3-0.3)	0 (0-0.1)	47	115	48	118	49	100
Venezuela (Bolivarian Republic of)	0.1 (0.1-0.1)	1 (0.8-1.3)	0.1 (0.1-0.1)	0.7 (0.6-0.9)	0.2 (0.1-0.2)	0.7 (0.6-0.9)	0.1 (0.1-0.1)	0.6 (0.5-0.7)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	80	23	81	30	80	40
Tropical Latin America	0.3 (0.2-0.3)	0.7 (0.5-0.8)	0.3 (0.3-0.4)	0.7 (0.5-0.8)	0.2 (0.2-0.3)	0.9 (0.7-1.1)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	0.2 (0.2-0.2)	0.4 (0.3-0.5)	0.2 (0.2-0.2)	0.8 (0.7-1.1)	72	38	64	35	54	27
Brazil	0.3 (0.2-0.3)	0.7 (0.5-0.8)	0.3 (0.3-0.4)	0.7 (0.5-0.8)	0.2 (0.2-0.3)	0.9 (0.7-1.1)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	0.2 (0.2-0.2)	0.4 (0.3-0.5)	0.2 (0.2-0.3)	0.8 (0.7-1.1)	71	38	61	36	53	25
Acre	0.3 (0.2-0.3)	0.7 (0.5-0.9)	0.3 (0.3-0.4)	0.7 (0.5-0.9)	0.3 (0.2-0.3)	0.9 (0.7-1.3)	0.1 (0.1-0.1)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.3 (0.2-0.4)	0.2 (0.2-0.2)	0.7 (0.4-1)	78	49	63	47	62	32
Alagoas	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.3 (0.3-0.4)	0.2 (0.1-0.3)	0.2 (0.2-0.3)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.2 (0.1-0.2)	73	85	65	81	60	67
Amapá	0.1 (0.1-0.2)	0.3 (0.2-0.5)	0.2 (0.2-0.3)	0.3 (0.2-0.5)	0.3 (0.2-0.3)	0.4 (0.2-0.6)	0.1 (0-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	0.2 (0.1-0.3)	0.2 (0.1-0.2)	0.2 (0.1-0.4)	81	51	65	57	61	53
Amazonas	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	0.3 (0.2-0.3)	0 (0-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.3)	94	66	75	71	73	60
Bahia	0.6 (0.5-0.7)	0.5 (0.4-0.7)	0.7 (0.6-0.9)	0.6 (0.5-0.7)	0.5 (0.4-0.6)	1.1 (0.8-1.4)	0.2 (0.2-0.2)	0.2 (0.1-0.3)	0.3 (0.3-0.4)	0.3 (0.2-0.4)	0.4 (0.4-0.5)	0.9 (0.7-1.3)	50	52	38	42	38	23
Ceará	0.2 (0.1-0.2)	0.2 (0.1-0.2)	0.2 (0.2-0.3)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	0.2 (0.2-0.3)	0.1 (0-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.2 (0.2-0.3)	82	84	73	77	64	52
Distrito Federal	0.4 (0.3-0.4)	2.3 (1.8-2.8)	0.4 (0.4-0.5)	2.2 (1.7-2.7)	0.2 (0.2-0.3)	2.1 (1.7-2.7)	0.2 (0.2-0.2)	1.5 (1.2-1.8)	0.3 (0.3-0.4)	1.7 (1.4-2.1)	0.3 (0.3-0.3)	2.7 (2.1-3.7)	48	17	40	14	40	11
Espírito Santo	0.3 (0.2-0.3)	1.4 (1.1-1.6)	0.4 (0.4-0.5)	1.4 (1.1-1.7)	0.3 (0.2-0.4)	1.8 (1.3-2.3)	0.2 (0.1-0.2)	0.8 (0.6-1)	0.2 (0.2-0.3)	0.8 (0.6-0.9)	0.3 (0.2-0.3)	1.6 (1.2-2.1)	62	21	45	25	44	16
Goiás	0.3 (0.3-0.4)	0.8 (0.6-1)	0.4 (0.3-0.4)	0.8 (0.6-1)	0.3 (0.2-0.3)	1.1 (0.8-1.4)	0.2 (0.1-0.2)	0.4 (0.3-0.5)	0.2 (0.2-0.3)	0.5 (0.4-0.7)	0.3 (0.2-0.3)	1 (0.7-1.4)	59	29	45	29	44	23
Maranhão	0.7 (0.5-1)	0.5 (0.4-0.6)	0.6 (0.5-0.7)	0.4 (0.3-0.6)	0.3 (0.3-0.4)	0.6 (0.4-0.7)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.2 (0.2-0.3)	0.2 (0.1-0.2)	0.3 (0.3-0.4)	0.5 (0.4-0.8)	53	67	49	65	44	32
Mato Grosso	0.2 (0.2-0.3)	0.4 (0.3-0.5)	0.3 (0.3-0.4)	0.4 (0.3-0.5)	0.3 (0.3-0.3)	0.5 (0.4-0.7)	0.1 (0.1-0.1)	0.2 (0.1-0.3)	0.2 (0.2-0.2)	0.2 (0.2-0.3)	0.2 (0.2-0.2)	0.4 (0.3-0.5)	70	54	55	50	51	37
Mato Grosso do Sul	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.2 (0.1-0.2)	0.4 (0.3-0.5)	0.2 (0.1-0.2)	0.5 (0.4-0.7)	0.1 (0-0.1)	0.2 (0.1-0.3)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.2)	0.5 (0.3-0.7)	89	50	76	48	75	35
Minas Gerais	0.3 (0.2-0.3)	1 (0.8-1.2)	0.4 (0.3-0.5)	1 (0.8-1.2)	0.3 (0.2-0.4)	1.3 (1-1.6)	0.2 (0.1-0.2)	0.6 (0.5-0.8)	0.3 (0.3-0.3)	0.7 (0.5-0.9)	0.3 (0.3-0.4)	1.4 (1.1-1.9)	61	26	41	28	41	16
Pará	0.2 (0.2-0.3)	0.3 (0.3-0.4)	0.3 (0.3-0.4)	0.3 (0.2-0.4)	0.2 (0.2-0.3)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	0.2 (0.2-0.2)	0.3 (0.2-0.4)	78	58	66	71	65	44
Paraíba	0.2 (0.2-0.3)	0.3 (0.2-0.3)	0.2 (0.2-0.3)	0.3 (0.2-0.3)	0.1 (0.1-0.2)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.4 (0.3-0.5)	72	70	66	63	68	36
Paraná	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	90	69	72	72	73	43
Pernambuco	0.2 (0.2-0.3)	0.1 (0.1-0.2)	0.3 (0.3-0.4)	0.1 (0.1-0.2)	0.2 (0.1-0.2)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.2)	0.1 (0-0.1)	0.2 (0.1-0.2)	0.2 (0.1-0.3)	73	88	66	83	64	60
Piauí	0.5 (0.4-0.6)	0.9 (0.7-1.1)	0.7 (0.5-0.9)	0.8 (0.6-1)	0.4 (0.3-0.5)	1 (0.8-1.4)	0.2 (0.1-0.2)	0.4 (0.3-0.5)	0.3 (0.3-0.4)	0.4 (0.3-0.5)	0.4 (0.3-0.4)	1 (0.8-1.4)	44	33	37	35	36	20
Rio de Janeiro	0.3 (0.3-0.3)	1.4 (1.2-1.7)	0.4 (0.3-0.4)	1.4 (1.1-1.7)	0.3 (0.3-0.3)	1.5 (1.2-1.9)	0.2 (0.1-0.2)	0.8 (0.6-1)	0.3 (0.2-0.3)	1 (0.8-1.2)	0.3 (0.2-0.3)	1.4 (1.1-1.7)	62	21	45	21	45	15
Rio Grande do Norte	0.2 (0.2-0.2)	0.2 (0.2-0.3)	0.2 (0.2-0.3)	0.2 (0.2-0.3)	0.2 (0.1-0.2)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.2 (0.1-0.2)	0.3 (0.2-0.5)	79	78	75	76	69	42
Rio Grande do Sul	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.3 (0.3-0.5)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	82	60	75	53	73	34
Rondônia	0.1 (0.1-0.2)	0.8 (0.6-1)	0.2 (0.2-0.3)	0.8 (0.6-1)	0.1 (0.1-0.2)	1 (0.8-1.4)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.4 (0.3-0.6)	0.1 (0.1-0.1)	1 (0.8-1.5)	80	32	68	34	67	22
Roraima	0.1 (0.1-0.1)	1.1 (0.8-1.5)	0.2 (0.2-0.3)	0.9 (0.6-1.2)	0.2 (0.2-0.2)	1 (0.7-1.4)	0 (0-0.1)	0.6 (0.4-0.8)	0.1 (0.1-0.1)	0.5 (0.3-0.6)	0.1 (0.1-0.2)	0.7 (0.5-0.9)	87	26	73	30	74	27
Santa Catarina	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.2 (0.1-0.3)	91	77	82	71	79	60

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
São Paulo	0.2 (0.1-0.2)	1 (0.8-1.2)	0.2 (0.2-0.2)	1 (0.8-1.2)	0.2 (0.2-0.2)	1.3 (1-1.7)	0.1 (0.1-0.1)	0.6 (0.5-0.7)	0.2 (0.2-0.2)	0.8 (0.7-1)	0.2 (0.2-0.2)	1.5 (1.2-2)	74	26	62	26	58	16
Sergipe	0.4 (0.3-0.4)	0.6 (0.4-0.7)	0.4 (0.3-0.5)	0.6 (0.4-0.7)	0.3 (0.3-0.4)	0.7 (0.5-0.9)	0.1 (0.1-0.1)	0.2 (0.1-0.3)	0.2 (0.2-0.3)	0.3 (0.2-0.4)	0.3 (0.2-0.3)	0.6 (0.4-0.8)	61	47	48	39	45	32
Tocantins	0.4 (0.3-0.5)	1.2 (0.9-1.5)	0.4 (0.3-0.6)	1.2 (1-1.6)	0.4 (0.2-0.5)	1.7 (1.3-2.2)	0.1 (0.1-0.2)	0.4 (0.3-0.6)	0.2 (0.2-0.3)	0.6 (0.5-0.9)	0.3 (0.2-0.4)	1.6 (1.1-2.1)	58	28	42	25	41	16
Paraguay	0.1 (0.1-0.1)	1 (0.7-1.5)	0.1 (0.1-0.1)	1 (0.7-1.5)	0.1 (0.1-0.1)	1 (0.7-1.5)	0.1 (0-0.1)	0.6 (0.4-0.8)	0.1 (0-0.1)	0.6 (0.4-0.9)	0.1 (0-0.1)	0.8 (0.5-1.1)	88	26	89	27	91	28
North Africa and Middle East	0.3 (0.2-0.4)	2.9 (2.3-3.6)	0.2 (0.2-0.3)	2.9 (2.3-3.5)	0.2 (0.1-0.2)	2.4 (2-3)	0.1 (0.1-0.1)	0.8 (0.6-0.9)	0.1 (0.1-0.1)	1 (0.8-1.3)	0.1 (0.1-0.1)	1.4 (1.1-1.8)	79	23	78	20	75	13
North Africa and Middle East	0.3 (0.2-0.4)	2.9 (2.3-3.6)	0.2 (0.2-0.3)	2.9 (2.3-3.5)	0.2 (0.1-0.2)	2.4 (2-3)	0.1 (0.1-0.1)	0.8 (0.6-0.9)	0.1 (0.1-0.1)	1 (0.8-1.3)	0.1 (0.1-0.1)	1.4 (1.1-1.8)	79	23	78	20	75	13
Afghanistan	0.7 (0.4-1.1)	2.7 (2-3.8)	0.6 (0.3-0.9)	2.6 (1.9-3.5)	0.4 (0.2-0.6)	2.6 (1.9-3.5)	0 (0-0.1)	0.2 (0.1-0.3)	0.1 (0-0.1)	0.3 (0.2-0.4)	0.1 (0-0.1)	0.5 (0.3-0.6)	76	41	76	37	78	31
Algeria	0.1 (0.1-0.2)	0.5 (0.4-0.7)	0.1 (0-0.1)	0.6 (0.5-0.8)	0 (0-0.1)	0.6 (0.5-0.8)	0 (0-0.1)	0.2 (0.2-0.3)	0 (0-0.1)	0.3 (0.2-0.4)	0 (0-0.1)	0.4 (0.3-0.6)	94	49	92	41	96	33
Bahrain	2 (1.5-2.5)	10.8 (8.2-14)	1.7 (1.3-2)	9.2 (6.8-12.2)	1.4 (1-1.8)	8.9 (6.7-12)	1.9 (1.5-2.4)	10.5 (8-13.6)	2 (1.5-2.4)	11.2 (8.3-14.8)	1.9 (1.4-2.4)	11.9 (8.8-16.1)	12	2	9	2	11	2
Egypt	0.1 (0.1-0.2)	1.8 (1.5-2.2)	0.1 (0.1-0.2)	1.9 (1.5-2.2)	0.1 (0.1-0.1)	1.8 (1.4-2.2)	0 (0-0.1)	0.5 (0.4-0.7)	0.1 (0-0.1)	0.7 (0.6-0.9)	0.1 (0-0.1)	1.5 (1.1-1.8)	92	27	83	20	83	14
Iran (Islamic Republic of)	0.3 (0.2-0.4)	2.1 (1.5-2.8)	0.2 (0.1-0.3)	2.1 (1.6-2.8)	0.1 (0.1-0.2)	1.6 (1.2-2.1)	0.2 (0.1-0.2)	1 (0.7-1.3)	0.1 (0.1-0.1)	1.1 (0.8-1.4)	0.3 (0.2-0.4)	3.1 (2.3-4.1)	63	18	70	17	55	8
Alborz	0.1 (0.1-0.2)	1.7 (1.3-2.3)	0.1 (0-0.1)	1.8 (1.3-2.4)	0.1 (0-0.1)	1.3 (1-1.8)	0.1 (0-0.1)	1.2 (0.9-1.7)	0.1 (0-0.1)	1.5 (1.1-2.1)	0.2 (0.1-0.3)	4.4 (3.2-5.9)	75	16	83	13	65	5
Ardebil	0.2 (0.1-0.2)	1.9 (1.4-2.6)	0.1 (0.1-0.1)	2 (1.5-2.7)	0.1 (0-0.1)	1.5 (1.1-2)	0.1 (0-0.1)	0.7 (0.5-1)	0 (0-0.1)	1 (0.7-1.4)	0.1 (0.1-0.2)	2.9 (2-3.9)	77	21	83	16	74	10
Bushehr	0.4 (0.2-0.6)	2.3 (1.7-3)	0.2 (0.1-0.3)	2.3 (1.7-3)	0.1 (0.1-0.2)	1.8 (1.4-2.4)	0.2 (0.1-0.3)	1.2 (0.9-1.6)	0.1 (0.1-0.2)	1.4 (1-1.9)	0.3 (0.2-0.5)	4.3 (3.1-5.6)	47	15	57	12	50	8
Chahar Mahaal and Bakhtiari	0.3 (0.2-0.4)	2.2 (1.6-2.9)	0.1 (0.1-0.2)	2.3 (1.8-3.1)	0.1 (0-0.1)	1.9 (1.4-2.5)	0.2 (0.1-0.2)	1.3 (1-1.7)	0.1 (0.1-0.1)	1.6 (1.2-2.2)	0.2 (0.1-0.4)	5.7 (4.2-7.6)	55	13	64	10	54	6
East Azarbaijejan	0.2 (0.1-0.3)	2.1 (1.5-3)	0.1 (0.1-0.2)	2.2 (1.6-3)	0.1 (0-0.1)	1.6 (1.2-2.2)	0.1 (0-0.1)	0.8 (0.6-1.2)	0 (0-0.1)	1.1 (0.8-1.4)	0.1 (0.1-0.2)	3.4 (2.4-4.5)	75	19	86	16	74	8
Fars	0.7 (0.3-1)	2.5 (1.8-3.4)	0.4 (0.2-0.6)	2.6 (1.9-3.5)	0.2 (0.1-0.3)	2 (1.5-2.7)	0.3 (0.2-0.5)	1.2 (0.8-1.6)	0.2 (0.1-0.3)	1.2 (0.8-1.6)	0.4 (0.2-0.6)	3.1 (2.3-4.2)	39	16	55	14	47	9
Gilan	0.3 (0.2-0.4)	1.7 (1.3-2.4)	0.2 (0.1-0.3)	1.8 (1.3-2.4)	0.1 (0.1-0.2)	1.3 (0.9-1.8)	0.2 (0.1-0.3)	1.2 (0.9-1.7)	0.2 (0.1-0.3)	1.6 (1.1-2.1)	0.4 (0.2-0.6)	3.6 (2.6-4.9)	51	14	58	13	40	8
Golestan	0.4 (0.2-0.6)	2.1 (1.5-2.9)	0.3 (0.1-0.4)	2.2 (1.6-3)	0.2 (0.1-0.3)	1.6 (1.2-2.2)	0.2 (0.1-0.2)	0.9 (0.6-1.2)	0.1 (0.1-0.2)	1 (0.7-1.3)	0.3 (0.2-0.5)	2.7 (1.9-3.6)	57	19	63	20	51	10
Hamadan	0.2 (0.1-0.3)	2.2 (1.6-3)	0.1 (0.1-0.2)	2.3 (1.7-3)	0.1 (0.1-0.1)	1.8 (1.3-2.3)	0.1 (0.1-0.1)	0.8 (0.6-1.1)	0.1 (0-0.1)	1.1 (0.8-1.4)	0.1 (0.1-0.2)	2.9 (2.1-3.7)	72	19	79	14	70	10
Hormozgan	0.6 (0.2-0.9)	2.1 (1.6-2.9)	0.4 (0.1-0.6)	2.2 (1.6-2.9)	0.3 (0.1-0.4)	1.7 (1.3-2.2)	0.2 (0.1-0.4)	0.9 (0.6-1.2)	0.2 (0.1-0.3)	1 (0.7-1.4)	0.5 (0.2-0.7)	2.9 (2.1-3.8)	47	18	54	16	41	9
Ilam	0.3 (0.2-0.4)	2.1 (1.6-2.8)	0.2 (0.1-0.3)	2.1 (1.6-2.9)	0.1 (0.1-0.2)	1.7 (1.2-2.2)	0.1 (0.1-0.2)	1 (0.7-1.4)	0.1 (0.1-0.2)	1.1 (0.8-1.5)	0.2 (0.1-0.3)	3 (2.2-4.2)	57	16	63	16	54	9
Isfahan	0.2 (0.1-0.3)	2.1 (1.5-2.8)	0.1 (0.1-0.2)	2.2 (1.6-2.9)	0.1 (0.1-0.1)	1.7 (1.2-2.2)	0.1 (0.1-0.2)	1.2 (0.9-1.7)	0.1 (0-0.1)	1.2 (0.9-1.7)	0.2 (0.1-0.3)	3.3 (2.4-4.4)	62	14	74	13	62	8
Kerman	0.4 (0.2-0.6)	2.1 (1.5-2.9)	0.2 (0.1-0.4)	2.1 (1.6-2.9)	0.2 (0.1-0.2)	1.6 (1.2-2.1)	0.2 (0.1-0.3)	1 (0.7-1.4)	0.1 (0.1-0.2)	1 (0.7-1.4)	0.3 (0.2-0.4)	2.6 (1.9-3.3)	55	15	64	16	55	10
Kermanshah	0.3 (0.2-0.4)	2.2 (1.6-3.1)	0.2 (0.1-0.3)	2.3 (1.7-3.1)	0.1 (0.1-0.2)	1.8 (1.4-2.3)	0.1 (0.1-0.2)	0.9 (0.6-1.2)	0.1 (0.1-0.1)	1 (0.7-1.5)	0.2 (0.1-0.3)	3 (2.3-3.9)	64	17	75	15	64	9
Khorasan-e-Razavi	0.3 (0.2-0.4)	2.2 (1.6-3.1)	0.2 (0.1-0.2)	2.3 (1.7-3.1)	0.1 (0.1-0.1)	1.7 (1.3-2.3)	0.1 (0.1-0.1)	0.8 (0.6-1.1)	0.1 (0-0.1)	0.8 (0.6-1.1)	0.2 (0.1-0.2)	3.1 (2.3-4.1)	68	20	80	22	71	9
Khuzestan	0.5 (0.3-0.8)	2.5 (1.9-3.4)	0.4 (0.2-0.6)	2.6 (2-3.5)	0.2 (0.1-0.4)	2.1 (1.5-2.8)	0.2 (0.1-0.4)	1.2 (0.8-1.6)	0.2 (0.1-0.3)	1.2 (0.9-1.6)	0.4 (0.2-0.6)	3.5 (2.6-4.4)	50	16	53	15	44	9
Kohgiluyeh and Boyer-Ahmad	0.7 (0.5-1.1)	3 (2.2-3.9)	0.5 (0.3-0.7)	3 (2.2-4)	0.3 (0.2-0.4)	2.5 (1.9-3.4)	0.3 (0.2-0.4)	1.1 (0.8-1.5)	0.2 (0.1-0.3)	1.5 (1.1-2.1)	0.5 (0.3-0.7)	4.3 (3.2-5.7)	45	20	53	11	44	6
Kurdistan	0.1 (0.1-0.2)	2.1 (1.6-2.9)	0.1 (0-0.1)	2.2 (1.6-3)	0 (0-0.1)	1.7 (1.3-2.3)	0 (0-0.1)	0.7 (0.5-1)	0 (0-0.1)	1 (0.7-1.3)	0.1 (0-0.1)	3.1 (2.2-4.1)	78	23	89	17	82	7

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
Lorestan	0.3 (0.2-0.4)	2.1 (1.5-2.8)	0.2 (0.1-0.2)	2.1 (1.6-2.8)	0.1 (0.1-0.1)	1.7 (1.2-2.2)	0.1 (0.1-0.2)	1.1 (0.8-1.5)	0.1 (0.1-0.2)	1.6 (1.2-2.2)	0.3 (0.2-0.4)	5 (3.6-6.7)	62	17	63	11	58	6
Markazi	0.2 (0.1-0.3)	2.1 (1.5-2.9)	0.1 (0.1-0.2)	2.1 (1.6-2.9)	0.1 (0-0.1)	1.6 (1.2-2.2)	0.1 (0.1-0.1)	1 (0.7-1.4)	0.1 (0-0.1)	1.1 (0.8-1.6)	0.1 (0.1-0.2)	3.3 (2.3-4.3)	68	18	80	13	72	8
Mazandaran	0.3 (0.2-0.6)	1.7 (1.2-2.4)	0.2 (0.1-0.4)	1.8 (1.3-2.4)	0.2 (0.1-0.3)	1.3 (1-1.8)	0.2 (0.1-0.4)	1.2 (0.9-1.6)	0.2 (0.1-0.3)	1.3 (1-1.9)	0.4 (0.2-0.7)	3.3 (2.4-4.5)	52	16	53	13	42	10
North Khorasan	0.1 (0.1-0.3)	2.3 (1.7-3.1)	0.1 (0.1-0.2)	2.4 (1.7-3.2)	0.1 (0-0.1)	1.7 (1.3-2.4)	0 (0-0.1)	0.7 (0.5-1)	0 (0-0.1)	1.1 (0.8-1.5)	0.1 (0.1-0.2)	2.8 (2.1-3.8)	84	24	92	17	87	9
Qazvin	0.1 (0.1-0.2)	1.9 (1.4-2.6)	0.1 (0-0.1)	1.9 (1.4-2.6)	0 (0-0.1)	1.5 (1.1-1.9)	0.1 (0-0.1)	0.9 (0.7-1.2)	0 (0-0.1)	1.3 (0.9-1.8)	0.1 (0.1-0.2)	3.9 (2.9-5.4)	76	18	87	14	75	7
Qom	0.2 (0.1-0.2)	1.8 (1.4-2.5)	0.1 (0.1-0.2)	1.9 (1.4-2.5)	0.1 (0-0.1)	1.4 (1-1.9)	0.1 (0.1-0.1)	1.1 (0.8-1.5)	0.1 (0-0.1)	1.2 (0.9-1.7)	0.1 (0.1-0.2)	4 (2.8-5.3)	75	19	83	15	68	7
Semnan	0.2 (0.1-0.3)	1.7 (1.3-2.3)	0.1 (0.1-0.2)	1.8 (1.3-2.4)	0.1 (0-0.1)	1.3 (1-1.8)	0.1 (0.1-0.2)	1 (0.7-1.5)	0.1 (0-0.1)	1.2 (0.9-1.6)	0.2 (0.1-0.3)	3.5 (2.5-4.6)	63	17	71	12	59	8
Sistan and Baluchistan	0.6 (0.3-0.9)	2.5 (1.8-3.3)	0.4 (0.2-0.6)	2.5 (1.9-3.4)	0.3 (0.1-0.5)	1.9 (1.4-2.5)	0.2 (0.1-0.2)	0.6 (0.5-0.9)	0.1 (0-0.2)	0.7 (0.5-1)	0.3 (0.1-0.5)	2.1 (1.6-2.8)	58	24	66	22	56	10
South Khorasan	0.1 (0.1-0.2)	2 (1.5-2.7)	0.1 (0-0.1)	2.1 (1.5-2.7)	0 (0-0.1)	1.6 (1.2-2)	0 (0-0.1)	0.7 (0.5-1)	0 (0-0.1)	0.9 (0.7-1.2)	0.1 (0-0.1)	3 (2.2-4)	86	24	89	18	87	10
Tehran	0.4 (0.2-0.6)	1.5 (1.1-2)	0.2 (0.1-0.3)	1.5 (1.1-2)	0.1 (0.1-0.2)	1.1 (0.8-1.5)	0.3 (0.1-0.5)	1.2 (0.9-1.7)	0.2 (0.1-0.3)	1.3 (0.9-1.8)	0.4 (0.2-0.7)	3.3 (2.4-4.4)	56	18	64	15	52	9
West Azarbajejan	0.2 (0.2-0.4)	2.2 (1.6-3)	0.1 (0.1-0.2)	2.3 (1.7-3.1)	0.1 (0-0.1)	1.7 (1.2-2.3)	0.1 (0.1-0.1)	0.8 (0.5-1.1)	0 (0-0.1)	0.9 (0.6-1.2)	0.1 (0.1-0.2)	2.9 (2.1-3.9)	72	22	83	25	72	8
Yazd	0.2 (0.1-0.2)	1.9 (1.4-2.6)	0.1 (0.1-0.1)	2 (1.4-2.6)	0.1 (0-0.1)	1.5 (1.1-2)	0.1 (0.1-0.1)	1 (0.8-1.5)	0 (0-0.1)	1 (0.7-1.3)	0.1 (0.1-0.2)	2.8 (2-3.7)	67	15	81	16	73	9
Zanjan	0.1 (0.1-0.2)	1.9 (1.4-2.5)	0.1 (0-0.1)	2 (1.5-2.7)	0 (0-0.1)	1.5 (1.1-2)	0 (0-0.1)	0.7 (0.5-1)	0 (0-0)	1 (0.7-1.4)	0.1 (0-0.1)	3.3 (2.4-4.4)	78	22	92	18	82	9
Iraq	0.4 (0.3-0.5)	6.3 (4.7-8.6)	0.3 (0.2-0.4)	5.7 (4.2-7.7)	0.2 (0.1-0.3)	5.6 (4.2-7.4)	0.1 (0.1-0.2)	2.1 (1.6-3)	0.1 (0.1-0.2)	2.6 (1.9-3.4)	0.2 (0.1-0.3)	5.4 (4-7.3)	68	9	64	8	66	3
Jordan	0.2 (0.1-0.3)	1.6 (1.1-2.2)	0.1 (0.1-0.1)	1.6 (1.1-2.2)	0.1 (0-0.1)	1.5 (1-2)	0.1 (0.1-0.1)	0.8 (0.6-1.1)	0.1 (0.1-0.1)	1.3 (0.9-1.9)	0.1 (0.1-0.1)	2 (1.4-2.9)	66	20	66	14	71	11
Kuwait	0.1 (0.1-0.2)	1.7 (1.1-2.5)	0.1 (0.1-0.1)	1.7 (1.1-2.5)	0.1 (0.1-0.1)	1.6 (1-2.3)	0.1 (0.1-0.2)	1.8 (1.2-2.6)	0.1 (0.1-0.1)	1.8 (1.2-2.7)	0.1 (0.1-0.2)	3.3 (2.1-4.9)	63	10	71	11	67	7
Lebanon	0.1 (0.1-0.2)	0.9 (0.7-1.2)	0.1 (0.1-0.2)	1 (0.7-1.3)	0.1 (0-0.1)	1 (0.7-1.3)	0.1 (0.1-0.1)	0.7 (0.5-0.9)	0.1 (0.1-0.2)	1 (0.7-1.4)	0.1 (0.1-0.2)	2.1 (1.4-2.9)	75	27	71	18	72	11
Libya	0.5 (0.4-0.7)	30.2 (20.8-43.8)	0.6 (0.4-0.8)	29.2 (19.3-42.2)	0.6 (0.5-0.9)	26.3 (18.2-37.2)	0.3 (0.2-0.4)	17.1 (11.9-23.4)	0.3 (0.2-0.4)	15.7 (10.5-22.9)	0.3 (0.3-0.4)	13.2 (9-19.9)	49	2	45	2	45	2
Morocco	0.1 (0.1-0.2)	0.8 (0.6-1.1)	0.1 (0.1-0.2)	0.8 (0.6-1.1)	0 (0-0.1)	0.8 (0.6-1)	0 (0-0.1)	0.2 (0.2-0.3)	0 (0-0.1)	0.4 (0.2-0.5)	0 (0-0.1)	0.7 (0.5-0.9)	90	42	95	37	96	25
Oman	0.6 (0.4-0.7)	9.7 (7.2-12.5)	0.5 (0.4-0.7)	10.2 (7.7-13.3)	0.2 (0.2-0.3)	10.7 (7.8-14.1)	0.5 (0.4-0.6)	8.2 (5.8-10.4)	0.5 (0.4-0.6)	9.8 (7.4-13)	0.4 (0.3-0.5)	16.8 (12.2-21.6)	30	3	32	3	36	1
Palestine	0.1 (0.1-0.2)	1.6 (1.1-2.2)	0.1 (0-0.1)	1.5 (1.1-2.2)	0.1 (0-0.1)	1.4 (1-2)	0 (0-0.1)	0.6 (0.4-0.8)	0 (0-0.1)	1 (0.7-1.3)	0.1 (0-0.1)	1.7 (1.2-2.3)	75	25	79	21	81	14
Qatar	0.1 (0.1-0.1)	2 (1.4-3)	0.1 (0-0.1)	2.1 (1.4-3.1)	0 (0-0)	2 (1.4-3)	0.1 (0.1-0.1)	1.8 (1.2-2.7)	0.1 (0-0.1)	2.4 (1.6-3.4)	0.1 (0.1-0.1)	5.1 (3.5-7.4)	67	11	77	8	77	5
Saudi Arabia	0.5 (0.4-0.6)	7.7 (5.9-10.1)	0.3 (0.2-0.4)	5.9 (4.6-7.7)	0.2 (0.1-0.3)	2.7 (2.1-3.4)	0.3 (0.2-0.4)	4.7 (3.4-6.5)	0.3 (0.2-0.4)	6.7 (5.2-8.6)	0.5 (0.3-0.7)	5.9 (4.4-7.8)	44	7	52	5	39	4
Sudan	1 (0.6-1.5)	7.6 (6.1-9.7)	0.8 (0.5-1.2)	7.5 (6-9.5)	0.6 (0.4-0.8)	5.6 (4.4-7.1)	0.1 (0.1-0.2)	0.9 (0.7-1.2)	0.2 (0.1-0.2)	1.4 (1.1-1.9)	0.2 (0.2-0.3)	2.2 (1.6-3)	61	21	59	14	59	10
Syrian Arab Republic	0.1 (0.1-0.2)	1.1 (0.8-1.5)	0.1 (0.1-0.2)	1.1 (0.8-1.5)	0.1 (0.1-0.2)	0.9 (0.7-1.1)	0.1 (0.1-0.1)	0.8 (0.6-1)	0.1 (0.1-0.1)	1 (0.7-1.3)	0.1 (0-0.1)	0.6 (0.5-0.8)	74	32	74	25	79	36
Tunisia	0.1 (0.1-0.2)	1.4 (1.1-1.9)	0.1 (0.1-0.1)	1.5 (1.1-1.9)	0.1 (0-0.1)	1.5 (1.1-1.9)	0.1 (0-0.1)	0.8 (0.6-1.1)	0.1 (0-0.1)	1.1 (0.8-1.5)	0.1 (0-0.1)	1.9 (1.4-2.5)	74	20	77	14	80	11
Türkiye	0.1 (0.1-0.2)	0.7 (0.6-1)	0.1 (0.1-0.1)	0.7 (0.5-0.9)	0 (0-0.1)	0.6 (0.5-0.8)	0.1 (0-0.1)	0.3 (0.2-0.4)	0.1 (0-0.1)	0.5 (0.4-0.6)	0.1 (0-0.1)	0.8 (0.6-1.1)	87	45	91	40	94	27
United Arab Emirates	0 (0-0.1)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0.1)	0.3 (0.2-0.4)	0 (0-0.1)	0.5 (0.4-0.7)	0 (0-0.1)	0.9 (0.7-1.2)	105	47	104	38	106	26
Yemen	0.1 (0.1-0.2)	1 (0.8-1.3)	0.1 (0.1-0.2)	1 (0.8-1.3)	0.1 (0-0.1)	0.9 (0.7-1.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.3)	94	52	95	45	100	42

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
South Asia	0.3 (0.2-0.4)	11 (7.4-15.7)	0.2 (0.1-0.2)	10.8 (7.4-15.2)	0.1 (0.1-0.1)	10.4 (7.1-14.6)	0.1 (0-0.1)	2 (1.3-2.8)	0 (0-0.1)	2.8 (1.9-4.1)	0 (0-0.1)	4.5 (3.1-6.4)	86	15	87	8	95	6
South Asia	0.3 (0.2-0.4)	11 (7.4-15.7)	0.2 (0.1-0.2)	10.8 (7.4-15.2)	0.1 (0.1-0.1)	10.4 (7.1-14.6)	0.1 (0-0.1)	2 (1.3-2.8)	0 (0-0.1)	2.8 (1.9-4.1)	0 (0-0.1)	4.5 (3.1-6.4)	86	15	87	8	95	6
Bangladesh	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	170	113	176	108	181	98
Bhutan	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	156	119	159	110	163	104
India	0.4 (0.3-0.5)	14.6 (9.8-20.8)	0.2 (0.2-0.3)	14.5 (9.8-20.4)	0.1 (0.1-0.2)	14.2 (9.7-19.9)	0.1 (0-0.1)	2.7 (1.8-3.9)	0.1 (0-0.1)	4 (2.8-6)	0.1 (0-0.1)	7.2 (5-10.5)	78	9	76	6	81	4
Nepal	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	145	103	151	95	161	88
Pakistan	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	147	129	152	130	167	135
Azad Jammu & Kashmir	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	150	134	157	134	173	133
Balochistan	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	150	128	155	131	171	137
Gilgit-Baltistan	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	149	129	160	130	174	128
Islamabad Capital Territory	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	158	122	171	117	177	117
Khyber Pakhtunkhwa	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	151	126	157	128	171	130
Punjab	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	146	128	150	132	167	135
Sindh	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	147	127	151	126	169	129
Southeast Asia, East Asia, and Oceania	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	173	137	174	125	178	111
East Asia	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	159	114	155	93	156	65
China	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	159	113	155	92	155	66
Democratic People's Republic of Korea	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	159	111	159	107	156	91
Taiwan (Province of China)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	158	90	172	78	179	74
Oceania	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	192	175	192	172	196	173
American Samoa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	167	183	165	183	165
Cook Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	152	185	150	186	142
Fiji	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	165	181	161	184	164
Guam	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	163	185	163	193	161
Kiribati	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	172	179	170	180	168
Marshall Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	167	190	168	191	169
Micronesia (Federated States of)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	165	190	165	192	165
Nauru	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	167	188	168	191	169
Niue	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	166	189	166	191	165

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
Northern Mariana Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	189	162	192	168	196	170
Palau	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	179	157	179	158	181	156
Papua New Guinea	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	192	170	191	168	195	169
Samoa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	166	189	165	191	163
Solomon Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	189	165	194	163	194	167
Tokelau	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	164	189	162	188	159
Tonga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	164	190	163	190	161
Tuvalu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	166	189	167	191	167
Vanuatu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	167	188	164	193	164
Southeast Asia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	159	181	158	184	157
Cambodia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	189	158	191	155	193	145
Indonesia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	170	153	174	151	182	149
Aceh	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	152	173	150	182	147
Bali	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	146	172	144	183	146
Bangka-Belitung Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	154	172	138	180	147
Banten	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	153	170	149	178	144
Bengkulu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	162	153	165	152	172	149
Gorontalo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	150	168	154	178	152
Jakarta	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	153	169	146	177	140
Jambi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	171	154	177	149	181	147
West Java	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	170	152	173	150	182	147
Central Java	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	167	148	170	143	179	141
East Java	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	156	177	150	181	147
West Kalimantan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	154	168	150	174	148
South Kalimantan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	150	179	149	183	150
Central Kalimantan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	147	167	149	174	149
East Kalimantan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	154	174	149	180	147
North Kalimantan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	142	165	133	172	137
Riau Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	159	168	142	174	141

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
Lampung	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	170	151	174	148	178	149
Maluku	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	151	171	150	179	152
North Maluku	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	152	173	153	179	160
West Nusa Tenggara	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	172	151	178	149	178	147
East Nusa Tenggara	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	148	164	146	171	147
Papua	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	153	168	152	174	158
West Papua	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	151	169	146	173	146
Riau	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	152	167	148	179	142
West Sulawesi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	152	170	152	178	154
South Sulawesi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	150	179	146	181	147
Central Sulawesi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	170	154	171	151	179	156
Southeast Sulawesi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	170	154	172	152	181	155
North Sulawesi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	151	174	147	179	151
West Sumatra	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	170	155	172	150	183	145
South Sumatra	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	147	165	142	174	143
North Sumatra	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	153	168	147	175	151
Yogyakarta	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	181	147	182	145	185	144
Lao People's Democratic Republic	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	185	155	191	153	193	152
Malaysia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	147	186	140	184	137
Maldives	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	184	143	184	128	184	113
Mauritius	0.2 (0.2-0.2)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	54	130	75	126	90	133
Myanmar	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	157	185	157	191	155
Philippines	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	167	153	172	154	174	154
Abra	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	170	141	175	138	181	146
Agusan Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	162	152	163	153	166	139
Agusan Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	144	169	149	171	156
Aklan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	145	170	147	173	150
Albay	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	153	165	151	172	146
Antique	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	152	170	151	172	149

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
Apayao	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	156	147	162	143	170	147
Aurora	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	158	152	164	150	171	147
Basilan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	137	171	136	177	130
Bataan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	146	170	145	172	153
Batanes	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	171	140	173	139	179	141
Batangas	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	147	171	147	173	141
Benguet	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	167	147	171	145	173	125
Biliran	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	162	147	167	146	173	146
Bohol	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	170	148	172	148	177	155
Bukidnon	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	148	166	148	172	155
Bulacan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	142	174	144	177	150
Cagayan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	162	151	164	153	167	154
Camarines Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	149	170	153	173	154
Camarines Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	153	169	149	172	156
Camiguin	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	160	140	164	134	164	129
Capiz	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	167	147	170	152	171	148
Catanduanes	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	159	148	162	148	167	150
Cavite	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	167	140	170	142	176	146
Cebu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	156	175	155	178	151
Cotabato (North Cotabato)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	141	164	140	169	148
Davao de Oro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	144	169	144	173	153
Davao Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	149	171	150	174	156
Davao Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	167	154	170	153	172	111
Davao Occidental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	150	163	153	170	158
Davao Oriental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	144	168	145	171	160
Dinagat Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	143	172	145	178	152
Eastern Samar	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	142	169	143	174	149
Guimaras	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	138	170	138	176	133
Ifugao	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	159	140	161	134	166	137

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
Ilocos Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	149	164	147	172	147
Ilocos Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	145	169	145	172	145
Iloilo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	151	171	152	173	148
Isabela	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	162	147	166	148	169	145
Kalinga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	154	130	158	129	160	140
La Union	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	150	162	150	167	149
Laguna	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	144	169	143	176	142
Lanao Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	146	169	149	174	123
Lanao Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	148	164	148	168	142
Leyte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	151	167	151	170	152
Maguindanao	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	146	167	147	162	137
Marinduque	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	162	150	164	148	175	153
Masbate	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	148	166	153	173	161
Misamis Occidental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	162	155	165	153	171	153
Misamis Oriental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	157	169	150	172	136
Mountain Province	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	162	145	167	147	170	148
National Capital Region	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	171	151	174	156	179	142
Negros Occidental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	162	148	165	152	166	150
Negros Oriental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	144	166	152	168	157
Northern Samar	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	153	166	150	172	151
Nueva Ecija	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	142	170	143	175	144
Nueva Vizcaya	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	148	168	143	171	145
Occidental Mindoro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	153	169	148	171	151
Oriental Mindoro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	147	170	146	171	156
Palawan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	143	164	145	168	146
Pampanga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	162	138	163	141	168	141
Pangasinan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	152	169	144	170	145
Quezon	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	152	170	150	172	151
Quirino	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	158	142	160	140	166	145

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
Rizal	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	144	171	142	174	146
Romblon	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	159	150	164	148	167	152
Samar (Western Samar)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	153	166	153	167	160
Sarangani	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	138	171	136	170	146
Siquijor	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	153	167	149	173	148
Sorsogon	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	150	171	147	173	148
South Cotabato	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	152	166	153	170	143
Southern Leyte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	154	168	152	174	152
Sultan Kudarat	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	136	166	138	170	141
Sulu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	151	166	150	168	151
Surigao Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	155	171	152	175	158
Surigao Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	154	168	153	171	156
Tarlac	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	143	171	144	172	150
Tawi-Tawi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	144	168	129	159	128
Zambales	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	153	169	152	171	142
Zamboanga Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	147	168	148	172	152
Zamboanga Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	151	170	154	171	138
Zamboanga Sibugay	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	149	171	145	175	145
Seychelles	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	131	167	129	138	96
Sri Lanka	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	148	179	138	183	130
Thailand	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	192	148	196	150	197	144
Timor-Leste	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	147	173	140	182	148
Viet Nam	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	143	184	144	184	139
Sub-Saharan Africa	4.5 (3.1-6)	33.5 (26.6-42.4)	3.8 (2.8-4.9)	31.9 (25.6-39.9)	3.1 (2.1-3.9)	32.4 (25.6-40.6)	0.4 (0.3-0.5)	2.7 (2.2-3.3)	0.4 (0.3-0.6)	3.7 (3-4.6)	0.6 (0.4-0.7)	6 (4.4-7.9)	30	10	26	7	25	6
Central Sub-Saharan Africa	3.7 (0.9-8.6)	48.8 (38.7-58.6)	3.3 (0.9-8.4)	48.7 (39.1-58.9)	2.5 (0.7-6.7)	49 (38.6-59.1)	0.3 (0.1-0.7)	3.8 (2.9-4.5)	0.4 (0.1-0.9)	5.5 (4.4-6.8)	0.5 (0.2-1.4)	10.3 (7.8-13.5)	31	8	26	6	25	3
Angola	2.5 (0.6-5.3)	42 (32.4-53.8)	2.1 (0.6-3.9)	40.9 (31.5-52.6)	1.4 (0.4-2.5)	41.2 (31.5-53.8)	0.2 (0-0.3)	2.8 (2.1-3.5)	0.2 (0.1-0.4)	4.7 (3.5-6.1)	0.3 (0.1-0.5)	8.3 (6.4-11.4)	43	12	36	6	35	4
Central African Republic	2.8 (0.6-10.5)	30.8 (24.1-38.7)	2.9 (0.7-11.9)	30.6 (23.7-37.6)	2.7 (0.7-10.9)	30.6 (24.1-37.7)	0.2 (0-0.7)	2 (1.5-2.6)	0.2 (0.1-0.8)	2.2 (1.7-2.7)	0.3 (0.1-1)	3 (2.3-4)	37	14	34	12	35	9
Congo	3 (1-5.5)	19.7 (15.7-24.2)	2.5 (0.8-4)	19.6 (15.6-24)	1.5 (0.6-3.1)	18.8 (15.2-23)	0.4 (0.1-0.6)	2.4 (1.9-3)	0.4 (0.1-0.8)	3.6 (2.7-4.3)	0.5 (0.2-1.1)	6.7 (5.2-8.2)	29	13	27	8	26	4
Democratic Republic of the Congo	4.2 (0.8-11.1)	53.7 (42.5-64.8)	3.9 (0.9-11.1)	54 (43.4-65.3)	2.9 (0.6-9)	54.6 (42.7-65.3)	0.3 (0.1-0.9)	4.2 (3.3-5.1)	0.4 (0.1-1.2)	6.1 (4.8-7.7)	0.6 (0.1-2)	12.1 (9.2-15.6)	28	6	24	5	23	2

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
Equatorial Guinea	2.6 (0.3-4.7)	70.1 (55.7-89.2)	1.8 (0.1-3.3)	68.4 (54-85.8)	1.3 (0.1-2.6)	65.4 (51.6-82)	0.3 (0-0.5)	7.5 (5.8-9.7)	0.4 (0-0.6)	13.6 (9.8-18.5)	0.4 (0-0.7)	19.6 (12.6-28.8)	29	5	28	2	30	2
Gabon	2.1 (0.1-4.1)	30 (23.2-38.6)	2.1 (0.1-3.7)	29.1 (22.2-37.4)	1.5 (0.1-3.3)	28 (21.4-36.9)	0.4 (0-0.7)	5.6 (4.1-7.4)	0.5 (0-0.8)	6.4 (4.7-8.3)	0.6 (0-1.3)	11 (7.6-15.9)	28	6	26	5	27	3
Eastern Sub-Saharan Africa	0.8 (0.4-1.1)	12.6 (9.7-16.1)	0.7 (0.4-1.4)	12.7 (9.8-16.2)	0.5 (0.3-1)	12.6 (9.7-16.1)	0.1 (0-0.1)	1.1 (0.8-1.4)	0.1 (0.1-0.2)	1.8 (1.4-2.2)	0.1 (0.1-0.2)	2.9 (2.1-3.9)	74	18	62	16	66	10
Burundi	0.6 (0.3-1.1)	2.7 (2-3.5)	0.6 (0.3-0.9)	2.4 (1.9-3.1)	0.4 (0.2-0.6)	2.4 (1.9-3.2)	0 (0-0.1)	0.2 (0.1-0.2)	0.1 (0-0.1)	0.3 (0.2-0.4)	0.1 (0-0.1)	0.5 (0.4-0.7)	76	38	73	34	71	22
Comoros	0.1 (0-0.2)	0.3 (0.2-0.4)	0.1 (0-0.1)	0.2 (0.2-0.4)	0.1 (0-0.1)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	117	90	109	78	117	82
Djibouti	0.2 (0.1-0.3)	0.7 (0.5-1)	0.2 (0.1-0.3)	0.8 (0.5-1)	0.1 (0.1-0.2)	0.7 (0.5-1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0.1)	0.2 (0.2-0.4)	108	65	112	60	111	48
Eritrea	0.2 (0.1-0.4)	0.9 (0.7-1.3)	0.2 (0.1-0.4)	0.9 (0.7-1.3)	0.2 (0.1-0.3)	0.9 (0.6-1.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0.1)	0.2 (0.2-0.3)	110	62	106	59	106	56
Ethiopia	0.1 (0-0.1)	0.2 (0.1-0.3)	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	143	112	144	100	148	94
Addis Ababa	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	153	114	150	90	149	84
Afar	0.1 (0-0.1)	0.2 (0.2-0.3)	0.1 (0-0.1)	0.2 (0.2-0.3)	0 (0-0.1)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	143	117	142	110	148	102
Amhara	0.1 (0-0.1)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	145	113	149	98	149	87
Benishangul-Gumuz	0.1 (0-0.2)	0.3 (0.2-0.4)	0.1 (0-0.1)	0.3 (0.2-0.4)	0.1 (0-0.1)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	142	113	142	106	144	96
Dire Dawa	0.1 (0-0.1)	0.2 (0.1-0.3)	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	144	116	143	93	145	86
Gambella	0.1 (0-0.1)	0.2 (0.2-0.3)	0 (0-0.1)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	144	112	141	95	149	89
Harari	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	146	108	143	93	145	84
Oromia	0.1 (0-0.1)	0.2 (0.1-0.3)	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	142	110	142	97	146	88
Somali	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	142	109	141	105	144	100
Southern Nations, Nationalities, and Peoples	0.1 (0-0.1)	0.2 (0.2-0.3)	0 (0-0.1)	0.2 (0.2-0.3)	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	141	114	143	101	145	95
Tigray	0.1 (0-0.1)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	144	110	146	94	149	88
Kenya	0.8 (0.5-1.1)	43.3 (29.7-62.4)	0.9 (0.6-1.2)	43.9 (29.9-63.3)	0.5 (0.3-0.8)	46 (31.7-65.5)	0.1 (0.1-0.2)	6.6 (4.5-9.4)	0.2 (0.1-0.3)	9.8 (6.7-14)	0.2 (0.2-0.3)	19.8 (13.5-27.9)	46	6	43	3	46	1
Baringo	0.8 (0.6-1.1)	39.9 (26.6-58.2)	0.8 (0.6-1)	40.6 (27.5-60.6)	0.5 (0.3-0.8)	41.5 (27.6-61.5)	0.1 (0.1-0.1)	5.2 (3.3-7.5)	0.2 (0.1-0.2)	8.4 (5.5-12.4)	0.2 (0.1-0.3)	14.5 (9.9-22.4)	55	6	50	4	56	1
Bomet	0.1 (0.1-0.3)	31.7 (20.5-46.3)	0.2 (0.1-0.4)	32.3 (20.9-49.1)	0.2 (0.1-0.4)	34.4 (22.8-52.3)	0 (0-0.1)	8.8 (5.7-13.9)	0.1 (0-0.1)	10.5 (7-16.5)	0.2 (0.1-0.4)	30 (19.5-45.8)	58	5	57	4	50	1
Bungoma	1 (0.5-1.5)	45.8 (31.4-68.1)	1.1 (0.6-1.6)	47 (31.3-68.5)	0.7 (0.4-1.1)	49.1 (33.4-72.1)	0.1 (0.1-0.2)	5.9 (4-8.7)	0.2 (0.1-0.3)	9.5 (6.3-14)	0.2 (0.1-0.3)	13.2 (8.8-20)	44	5	41	3	44	2
Busia	1.8 (0.7-3)	63.4 (43.1-92.7)	2 (0.7-3.1)	63.5 (42.6-91.6)	1 (0.3-2)	67.8 (45.5-98.6)	0.2 (0.1-0.3)	6.2 (4.2-9.2)	0.3 (0.1-0.5)	10.2 (6.8-15.2)	0.3 (0.1-0.6)	22.3 (15-34.4)	37	7	32	3	31	2
Elgeyo-Marakwet	0.4 (0.3-0.6)	34.9 (22.4-53.9)	0.5 (0.3-0.7)	35.8 (23.4-53)	0.4 (0.2-0.6)	37.3 (24.2-56.6)	0.1 (0.1-0.1)	8 (5-12.2)	0.2 (0.1-0.3)	14.1 (9.2-21)	0.2 (0.1-0.3)	17.4 (10.8-25.9)	57	5	52	2	59	1
Embu	0.3 (0.2-0.5)	31.4 (20.4-47.2)	0.5 (0.3-0.7)	31.6 (20.8-48.3)	0.3 (0.2-0.6)	32.8 (21.2-51.6)	0.1 (0-0.1)	7.8 (4.9-12.3)	0.1 (0.1-0.2)	9.3 (6.2-14.4)	0.2 (0.1-0.3)	16.2 (10.1-25.1)	59	6	54	4	57	1
Garissa	0.5 (0.3-0.8)	36 (23.9-53.1)	0.5 (0.3-0.8)	36.7 (24.1-55.4)	0.3 (0.1-0.5)	37.8 (24.9-55.6)	0.1 (0.1-0.1)	6 (3.8-10.3)	0.1 (0.1-0.2)	9.9 (6.3-14.9)	0.2 (0.1-0.3)	19.1 (12.8-27.8)	58	6	53	4	56	1
Homa Bay	2.5 (0.6-4.3)	84.1 (57-120)	2.6 (0.5-4.6)	85.3 (59-122)	1.6 (0.4-3.1)	90.6 (62.4-126)	0.1 (0-0.3)	5.1 (3.5-7)	0.3 (0.1-0.5)	9.6 (6.8-13.7)	0.4 (0.1-0.7)	24.1 (16.2-33.5)	34	6	31	4	29	1
Isiolo	0.9 (0.5-1.3)	43.7 (28.3-63.3)	1 (0.7-1.3)	43.7 (28.9-62.8)	0.7 (0.4-0.9)	45.2 (30.8-65.9)	0.1 (0-0.1)	3.4 (2.2-5.2)	0.1 (0.1-0.1)	4.6 (3-6.7)	0.1 (0.1-0.1)	6.1 (4.1-9.2)	59	10	54	7	61	4

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
Kajiado	0.4 (0.2-0.6)	33.2 (21.4-49.7)	0.5 (0.3-0.7)	33.7 (21.7-50.2)	0.3 (0.1-0.5)	35 (22.7-53.1)	0.1 (0-0.1)	6.7 (4.3-10.4)	0.1 (0.1-0.2)	9.1 (6-13.2)	0.1 (0.1-0.2)	15.1 (8.8-23.8)	58	5	56	5	61	1
Kakamega	1.3 (0.7-2.1)	50.6 (33.5-73.8)	1.4 (0.8-2.1)	51.1 (34.9-73.2)	0.7 (0.4-1.1)	53.7 (36.9-76.8)	0.1 (0.1-0.2)	5.4 (3.5-7.8)	0.2 (0.1-0.4)	9 (6.2-13)	0.3 (0.2-0.5)	25.9 (17.9-37.9)	43	6	39	3	40	1
Kericho	0.3 (0.2-0.5)	33.5 (21.9-50)	0.4 (0.3-0.6)	34.1 (22.1-51.3)	0.5 (0.3-0.7)	36 (23.9-52.9)	0.1 (0-0.1)	8 (5-12.4)	0.1 (0.1-0.2)	9.9 (6.4-15)	0.1 (0.1-0.2)	8.3 (5.5-12.8)	58	5	54	4	57	3
Kiambu	0.4 (0.3-0.7)	32.6 (21-47.6)	0.6 (0.4-0.8)	33.2 (21.4-50.4)	0.4 (0.2-0.6)	34.7 (22.6-52.3)	0.1 (0.1-0.2)	7.9 (5.4-11.7)	0.2 (0.1-0.2)	9.6 (6.4-14.5)	0.2 (0.1-0.2)	15.5 (9.9-23.3)	57	4	58	3	60	1
Kilifi	1 (0.4-1.7)	39.2 (28.8-52.4)	1.4 (0.6-2.2)	40 (29.2-54.4)	0.8 (0.4-1.4)	45.1 (33-61.4)	0.1 (0-0.2)	4.5 (3.4-6.1)	0.2 (0.1-0.4)	7.2 (5.1-9.9)	0.3 (0.1-0.5)	16.1 (12-22.3)	43	8	37	4	39	1
Kirinyaga	0.4 (0.2-0.6)	32.1 (21-47.6)	0.5 (0.4-0.7)	33.1 (21.8-49.9)	0.4 (0.2-0.6)	34.5 (22.8-53.1)	0.1 (0.1-0.1)	7.7 (5-10.9)	0.1 (0.1-0.2)	9 (5.8-13.7)	0.2 (0.1-0.2)	15.4 (9.9-23.7)	60	6	56	4	57	1
Kisii	1.5 (0.7-2.3)	51.1 (35.2-75.9)	1.4 (0.6-2.1)	52.1 (35.2-75.6)	1 (0.5-1.7)	53.6 (36.5-78.4)	0.2 (0.1-0.3)	7.1 (4.8-10.3)	0.4 (0.2-0.5)	13.4 (8.8-20.7)	0.5 (0.2-0.7)	24.7 (16.7-37.5)	36	5	34	1	37	1
Kisumu	1.3 (0.7-2.1)	98.8 (74.1-130)	1.4 (0.8-2.2)	99.9 (75.2-131)	1 (0.5-1.7)	99.9 (76.6-132)	0.1 (0.1-0.2)	9.3 (7-12.8)	0.2 (0.1-0.4)	17.4 (12.9-24.8)	0.3 (0.2-0.5)	31.9 (24.6-44.5)	41	4	35	1	37	1
Kitui	0.4 (0.3-0.6)	34.9 (23.2-51.5)	0.4 (0.3-0.6)	35.3 (23.3-52.2)	0.3 (0.1-0.4)	36.4 (24.2-54.6)	0.1 (0-0.1)	6.6 (4.4-10)	0.1 (0.1-0.2)	10.3 (6.7-15.1)	0.1 (0.1-0.2)	19.7 (12.6-28.8)	60	5	55	3	60	1
Kwale	1.1 (0.4-1.8)	54.4 (36.6-79.2)	1.3 (0.6-2)	55 (38-79)	0.9 (0.4-1.5)	57.2 (38.1-82.4)	0.1 (0.1-0.2)	7.2 (4.7-10.8)	0.2 (0.1-0.4)	9.5 (6.4-14.4)	0.3 (0.1-0.4)	17.3 (11.5-24.6)	38	6	37	4	40	1
Laikipia	0.3 (0.1-0.5)	30.5 (19.3-46.2)	0.3 (0.1-0.5)	30.9 (19.7-46.3)	0.2 (0.1-0.4)	32.8 (20.6-48.3)	0.1 (0-0.1)	8.3 (5.3-12.5)	0.1 (0.1-0.2)	13.3 (8-20.1)	0.1 (0.1-0.3)	25.9 (15.7-38.2)	61	5	58	2	63	1
Lamu	0.6 (0.4-1)	37.4 (24.9-54.5)	0.8 (0.6-1.1)	38.1 (25.5-57.6)	0.5 (0.3-0.7)	38.8 (25.4-57)	0.1 (0.1-0.1)	4.9 (3.1-7.4)	0.1 (0.1-0.2)	6.8 (4.4-10)	0.1 (0.1-0.2)	11.8 (8.2-17.2)	56	7	53	5	60	2
Machakos	0.3 (0.2-0.4)	31.7 (20.4-48)	0.4 (0.2-0.6)	32.2 (20.5-50.1)	0.2 (0.1-0.4)	33.4 (21.1-50.8)	0.1 (0-0.1)	8.1 (5-12.4)	0.1 (0.1-0.2)	11.1 (7-17.8)	0.1 (0.1-0.2)	15.8 (10-24.6)	64	6	61	4	63	1
Makueni	0.2 (0.1-0.4)	34.3 (22.4-52.9)	0.2 (0.1-0.4)	34.5 (22.3-52.2)	0.2 (0.1-0.3)	35.9 (22.9-53.9)	0.1 (0-0.1)	8.1 (5.2-13.2)	0.1 (0-0.2)	12.2 (7.9-18.9)	0.2 (0.1-0.3)	33.5 (21-50)	60	4	57	3	59	1
Mandera	0.6 (0.4-0.9)	40.4 (26.6-59.8)	0.6 (0.4-0.9)	40.4 (27-59.2)	0.4 (0.2-0.6)	40.6 (27.2-59.7)	0.1 (0.1-0.1)	5.5 (3.5-8.7)	0.1 (0.1-0.2)	7.5 (5-11)	0.2 (0.1-0.3)	21 (14.6-30.9)	64	8	57	4	58	1
Marsabit	0.4 (0.3-0.7)	37.5 (25-56.7)	0.6 (0.4-0.9)	37.5 (24.6-56.5)	0.4 (0.3-0.6)	38.4 (25.9-56.9)	0.1 (0-0.1)	6 (4-9.4)	0.1 (0.1-0.2)	7 (4.6-10.6)	0.1 (0.1-0.2)	10 (6.6-15)	59	6	53	6	58	4
Meru	0.3 (0.2-0.5)	33.3 (21.5-49.3)	0.6 (0.4-0.8)	33.9 (22-51.7)	0.4 (0.3-0.7)	34.9 (22.4-52.1)	0.1 (0-0.1)	7.6 (4.7-11.4)	0.1 (0.1-0.2)	7.5 (5-11.2)	0.2 (0.1-0.2)	13 (8.3-19.4)	62	6	53	5	58	1
Migori	2.9 (0.8-5.3)	82 (56.3-116)	3 (0.7-5.2)	83.3 (57-121)	1.9 (0.5-3.4)	89.5 (62-127)	0.2 (0-0.3)	4.7 (3.2-6.6)	0.3 (0.1-0.6)	8.9 (6-12.9)	0.4 (0.1-0.7)	20.3 (13.8-29.6)	34	6	30	3	30	1
Mombasa	0.5 (0.2-0.8)	42.1 (28.1-61.8)	0.7 (0.4-1)	42.4 (29.1-62)	0.4 (0.2-0.7)	45.5 (30.1-65.7)	0.1 (0-0.1)	7.6 (5-11.6)	0.2 (0.1-0.3)	11 (7.3-15.8)	0.3 (0.1-0.4)	29.1 (19.6-42.4)	50	5	46	4	42	1
Murang'a	0.3 (0.2-0.5)	31 (19.8-46.3)	0.5 (0.3-0.7)	31.5 (20-47.7)	0.3 (0.1-0.5)	32.6 (21.2-48.8)	0.1 (0.1-0.1)	9.5 (6.1-14.9)	0.2 (0.1-0.2)	10.1 (6.5-15.5)	0.2 (0.1-0.3)	19.3 (12.2-30.2)	61	4	56	3	61	1
Nairobi	0.6 (0.4-0.8)	33.5 (21.9-49.7)	0.5 (0.4-0.7)	34.2 (22.1-51.7)	0.3 (0.1-0.4)	36.4 (24-53.1)	0.1 (0.1-0.2)	6.6 (4.2-10.4)	0.2 (0.1-0.3)	11.7 (7.3-18.2)	0.2 (0.1-0.4)	32.3 (20.6-49.8)	59	5	55	2	55	1
Nakuru	0.3 (0.2-0.5)	31.4 (20.3-47.3)	0.4 (0.3-0.7)	31.4 (20.3-47)	0.3 (0.2-0.6)	33.2 (21.8-49.2)	0.1 (0-0.1)	8.9 (5.7-13.4)	0.2 (0.1-0.2)	11.1 (7.3-16)	0.2 (0.1-0.3)	18.5 (12.1-27.3)	61	3	56	3	57	1
Nandi	0.3 (0.2-0.5)	34.6 (22.1-52.8)	0.4 (0.2-0.7)	35.2 (23.2-52.9)	0.3 (0.2-0.5)	36.7 (23.6-55.3)	0.1 (0-0.1)	9.1 (5.6-14)	0.1 (0.1-0.2)	12.8 (8.8-19)	0.2 (0.1-0.3)	21.2 (14-30.7)	58	4	55	2	56	1
Narok	0.3 (0.2-0.5)	36.3 (23.6-53.5)	0.4 (0.2-0.6)	36.6 (24.2-55.2)	0.3 (0.1-0.5)	38.4 (25.1-56.9)	0.1 (0-0.1)	8.3 (5.2-13)	0.1 (0.1-0.2)	11.9 (8-18)	0.2 (0.1-0.3)	28.3 (17.6-45.3)	63	4	56	2	53	1
Nyamira	0.5 (0.3-0.8)	41.7 (27.4-61.9)	0.8 (0.5-1.2)	42.2 (28-64.4)	0.6 (0.4-1.1)	44.5 (28.6-68.1)	0.1 (0.1-0.2)	10.2 (6.9-14.7)	0.3 (0.2-0.4)	14 (9.2-20.4)	0.4 (0.3-0.7)	27.5 (18.5-38.7)	44	4	40	2	40	1
Nyandarua	0.4 (0.2-0.5)	33.6 (21.9-50.3)	0.6 (0.4-0.9)	34.2 (21.8-50.6)	0.4 (0.2-0.7)	35.8 (23.2-53.4)	0.1 (0.1-0.2)	10.5 (7.1-15.9)	0.2 (0.1-0.3)	10.7 (6.8-16.2)	0.2 (0.1-0.4)	21.1 (13.3-31.8)	58	2	54	3	56	1
Nyeri	0.3 (0.2-0.5)	32.4 (21.3-49)	0.5 (0.3-0.7)	32.7 (21.7-50.1)	0.3 (0.2-0.6)	34.4 (22-51.1)	0.1 (0.1-0.2)	10.4 (7-15.7)	0.2 (0.1-0.3)	12.6 (8.1-19.1)	0.2 (0.1-0.3)	22.1 (13.5-34)	59	2	53	2	56	1
Samburu	0.3 (0.2-0.5)	35.9 (23.3-54.3)	0.4 (0.3-0.7)	36.5 (23.7-54.5)	0.4 (0.2-0.6)	38 (24.4-57.6)	0 (0-0.1)	5.5 (3.5-8.3)	0.1 (0.1-0.1)	7.1 (4.7-10.2)	0.1 (0.1-0.2)	10.9 (7.1-15.9)	66	6	58	5	60	3
Siaya	2.9 (0.7-5.2)	75.9 (52.8-107)	2.5 (0.7-4.3)	76.4 (52.8-110)	1.5 (0.4-2.6)	80.9 (56.2-114)	0.2 (0-0.3)	5 (3.5-7.3)	0.3 (0.1-0.5)	9.3 (6.4-13.4)	0.4 (0.1-0.6)	20.1 (13.6-28.5)	36	5	31	4	31	2

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
Taita Taveta	0.4 (0.3-0.7)	37.4 (25.2-55.1)	0.7 (0.5-1)	38.1 (25.1-56.4)	0.4 (0.2-0.7)	39.2 (26-59.2)	0.1 (0.1-0.1)	7 (4.6-10.5)	0.2 (0.1-0.2)	9.6 (6.4-14.1)	0.2 (0.1-0.3)	19.3 (12.7-28.5)	57	5	52	3	54	1
Tana River	0.7 (0.5-1)	43.7 (29.6-62.9)	0.8 (0.6-1.1)	45.2 (30.3-64.5)	0.6 (0.4-0.9)	45.9 (30.7-67.5)	0.1 (0.1-0.1)	5.2 (3.5-8)	0.1 (0.1-0.2)	7 (4.6-10.1)	0.1 (0.1-0.2)	11.6 (7.6-16.9)	54	8	50	4	53	2
Tharaka Nithi	0.6 (0.4-0.9)	36 (24.2-54.1)	0.6 (0.4-0.9)	36.5 (23.3-52.6)	0.5 (0.3-0.7)	37.4 (24.6-54.3)	0.1 (0.1-0.1)	6.4 (4.3-9.9)	0.2 (0.1-0.3)	10.7 (6.8-16.7)	0.1 (0.1-0.2)	9.8 (6.3-14.6)	55	3	55	3	64	3
Trans Nzoia	0.3 (0.2-0.5)	38.1 (25.4-56.1)	0.5 (0.4-0.8)	38.2 (25.1-56.3)	0.3 (0.2-0.6)	40.1 (26.8-59.1)	0.1 (0.1-0.1)	8.8 (5.9-13.3)	0.2 (0.1-0.2)	12.8 (8.6-19.3)	0.2 (0.1-0.4)	25.3 (16.7-37.8)	52	3	48	2	49	1
Turkana	0.3 (0.2-0.5)	40.5 (27-59.3)	0.4 (0.2-0.6)	41 (27.6-58.8)	0.3 (0.1-0.5)	42.7 (28.8-61.2)	0 (0-0.1)	5.8 (3.5-8.5)	0.1 (0-0.1)	8.5 (5.4-13)	0.1 (0.1-0.2)	21.3 (14.7-30)	64	5	61	4	56	1
Uasin Gishu	0.3 (0.2-0.5)	33.4 (22.1-50.8)	0.5 (0.3-0.7)	33.4 (21.8-49.3)	0.3 (0.2-0.5)	35.4 (23.2-52.5)	0.1 (0-0.1)	8.5 (5.4-12.7)	0.1 (0.1-0.2)	10.5 (6.8-15.5)	0.2 (0.1-0.2)	17.1 (11.3-26)	58	3	52	4	56	1
Vihiga	1.1 (0.5-1.8)	52.8 (34.8-77.2)	1.5 (0.7-2.5)	53.2 (34.7-76.8)	0.9 (0.4-1.6)	55.2 (37-80.3)	0.1 (0.1-0.2)	7.4 (4.9-10.4)	0.3 (0.2-0.5)	11.7 (8.1-17.5)	0.5 (0.2-0.8)	30.3 (20.8-45.5)	39	5	32	2	32	1
Wajir	0.7 (0.5-1)	40 (27.2-58.2)	0.6 (0.4-0.8)	40.8 (26.9-61.4)	0.4 (0.3-0.6)	41.3 (27.9-60.1)	0.1 (0-0.1)	4.2 (2.7-6.5)	0.1 (0.1-0.1)	6.3 (4.2-9.5)	0.1 (0.1-0.1)	9.7 (6.3-14.8)	68	7	62	4	68	4
West Pokot	0.6 (0.4-0.9)	41.5 (27.8-62.6)	0.7 (0.5-0.9)	41.7 (27.4-60.6)	0.4 (0.3-0.7)	43.2 (28.5-63.4)	0.1 (0.1-0.1)	5.9 (4-8.8)	0.1 (0.1-0.2)	8.7 (5.9-13.1)	0.2 (0.1-0.3)	17.6 (11.6-25.8)	53	4	48	3	53	2
Madagascar	1.1 (0.5-1.8)	13.7 (11-16.9)	1 (0.5-1.5)	13.7 (10.9-16.9)	0.8 (0.4-1.1)	13.4 (10.8-16.3)	0.1 (0.1-0.2)	1.5 (1.1-1.8)	0.1 (0.1-0.2)	1.9 (1.5-2.4)	0.2 (0.1-0.2)	3.1 (2.3-4)	46	15	46	14	46	10
Malawi	0.7 (0.3-1.1)	2.9 (2.3-3.6)	0.5 (0.3-0.8)	2.9 (2.4-3.6)	0.3 (0.2-0.6)	2.8 (2.2-3.4)	0 (0-0.1)	0.2 (0.2-0.2)	0.1 (0-0.1)	0.4 (0.3-0.4)	0.1 (0.1-0.1)	0.7 (0.5-1)	79	36	75	30	77	25
Mozambique	0.2 (0.1-0.5)	0.8 (0.6-1)	0.2 (0.1-0.3)	0.8 (0.6-1)	0.1 (0.1-0.2)	0.8 (0.6-1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.2 (0.1-0.2)	103	72	101	64	102	55
Rwanda	0.3 (0.1-0.6)	0.9 (0.7-1.2)	0.2 (0.1-0.4)	0.9 (0.7-1.2)	0.1 (0.1-0.3)	0.9 (0.7-1.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.2 (0.1-0.2)	0.1 (0-0.1)	0.3 (0.2-0.4)	102	73	99	57	96	45
Somalia	0.1 (0-0.1)	0.2 (0.2-0.4)	0.1 (0-0.1)	0.2 (0.2-0.4)	0.1 (0-0.1)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	116	137	114	141	107
South Sudan	0.2 (0.1-0.5)	1.2 (0.9-1.6)	0.2 (0.1-0.4)	1.2 (0.9-1.7)	0.3 (0.1-0.6)	1.2 (0.8-1.6)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	113	54	107	52	110	69
Uganda	1.2 (0.6-2)	21.2 (16.6-25.6)	1.2 (0.6-1.8)	21.3 (16.6-25.7)	0.8 (0.4-1.3)	21 (16.1-25.3)	0.1 (0-0.2)	1.7 (1.4-2.1)	0.2 (0.1-0.2)	2.8 (2.2-3.4)	0.2 (0.1-0.3)	4.6 (3.4-6)	51	14	49	11	46	6
United Republic of Tanzania	2 (0.8-5.7)	20.5 (15.9-24.7)	2.2 (0.8-7.4)	20.9 (16.3-25.5)	1.5 (0.6-4.9)	20.8 (16-25.5)	0.2 (0.1-0.5)	1.9 (1.5-2.4)	0.3 (0.1-1)	3.1 (2.3-3.9)	0.4 (0.2-1.3)	5.5 (4.1-7.5)	38	15	36	10	37	8
Zambia	2.1 (0.8-3.7)	26.7 (21.7-33.8)	1.9 (0.7-3)	26.6 (21.5-33.4)	1.2 (0.5-1.8)	26.6 (21.4-33.3)	0.2 (0.1-0.3)	2.1 (1.7-2.7)	0.2 (0.1-0.4)	3.5 (2.8-4.3)	0.3 (0.1-0.5)	7.2 (5.2-9.4)	41	14	35	11	39	4
Southern Sub-Saharan Africa	0 (0-0.1)	0.2 (0.2-0.3)	0.1 (0-0.1)	0.2 (0.2-0.3)	0 (0-0.1)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	133	76	122	75	121	75
Botswana	0.1 (0.1-0.2)	1.2 (0.9-1.5)	0.1 (0.1-0.2)	1.2 (0.9-1.5)	0.1 (0.1-0.1)	1.2 (0.9-1.5)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0.1)	0.3 (0.2-0.4)	0 (0-0.1)	0.4 (0.3-0.5)	87	31	88	33	92	27
Eswatini	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	156	95	157	99	162	90
Lesotho	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	155	90	155	99	162	99
Namibia	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	154	90	154	91	156	83
South Africa	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	173	99	173	96	173	94
Eastern Cape	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	171	100	170	102	176	96
Free State	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	170	98	169	108	160	89
Gauteng	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	173	107	168	95	164	92
KwaZulu-Natal	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	103	172	95	172	92
Limpopo	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	83	165	90	166	101

Location	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2000	Under-20 total SCD mortality rate (per 100,000 population), 2000	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2010	Under-20 total SCD mortality rate (per 100,000 population), 2010	Under-20 cause-specific SCD mortality rate (per 100,000 population), 2021	Under-20 total SCD mortality rate (per 100,000 population), 2021	Under-20 cause-specific mortality cause fraction, 2000	Under-20 total SCD mortality cause fraction, 2000	Under-20 cause-specific mortality cause fraction, 2010	Under-20 total SCD mortality cause fraction, 2010	Under-20 cause-specific mortality cause fraction, 2021	Under-20 total SCD mortality cause fraction, 2021	Under-20 cause-specific mortality rank 2000	Under-20 total SCD mortality rank 2000	Under-20 cause-specific mortality rank 2010	Under-20 total SCD mortality rank 2010	Under-20 cause-specific mortality rank 2021	Under-20 total SCD mortality rank 2021
Mpumalanga	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	174	96	172	105	150	87
North-West	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	172	97	171	102	175	97
Northern Cape	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	174	106	171	103	173	95
Western Cape	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	104	176	96	180	88
Zimbabwe	0.1 (0.1-0.2)	0.6 (0.5-0.8)	0.2 (0.1-0.3)	0.5 (0.4-0.7)	0.2 (0.1-0.3)	0.5 (0.4-0.7)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.2)	92	41	93	59	99	61
Western Sub-Saharan Africa	9.4 (6.1-12.7)	57 (44.5-74.1)	7.5 (4.8-9.9)	50.3 (39.7-63.7)	5.9 (3.6-7.9)	49 (38.3-62.9)	0.6 (0.4-0.9)	3.9 (3.1-5)	0.7 (0.5-0.9)	4.7 (3.7-6.1)	0.9 (0.6-1.1)	7.3 (5.4-9.8)	19	8	19	6	19	6
Benin	23.2 (9.5-39)	80 (63.1-102)	17.8 (8.7-29.1)	79.5 (62.6-100)	14 (6.9-23)	63.9 (49.5-82.5)	1.9 (0.8-3.2)	6.7 (5.4-8.7)	1.9 (0.9-3.1)	8.5 (6.5-10.5)	2.3 (1.3-3.6)	10.5 (7.5-14.4)	12	7	12	5	10	4
Burkina Faso	24.2 (1.7-101)	75.9 (63.1-92.5)	16.7 (1.2-80.2)	67.1 (54.8-83)	14.5 (0.9-70.9)	57.9 (45.9-72.4)	1.6 (0.1-6.4)	4.9 (4-5.9)	1.4 (0.1-6.5)	5.7 (4.8-7.2)	1.9 (0.1-9.4)	7.7 (5.5-10.1)	14	5	12	5	13	3
Cabo Verde	0.6 (0.4-1)	2.3 (1.8-2.9)	0.4 (0.3-0.5)	2.3 (1.8-3)	0.3 (0.2-0.4)	2.3 (1.8-3)	0.2 (0.1-0.3)	0.7 (0.5-1)	0.2 (0.2-0.3)	1.4 (1-1.9)	0.3 (0.2-0.5)	2.5 (1.8-3.5)	44	23	44	15	48	9
Cameroon	5.3 (1.2-9.1)	21.5 (17-26.1)	5 (1.3-8.9)	21.7 (16.8-26.7)	3.5 (0.9-6.2)	21.6 (16.7-26.7)	0.5 (0.1-0.9)	2 (1.6-2.5)	0.6 (0.2-1)	2.6 (2-3.2)	0.6 (0.2-1)	4 (3.1-5)	24	11	23	10	24	7
Chad	3 (1.2-5.3)	7.1 (5.7-8.5)	2.6 (1-4.3)	7.1 (5.6-8.5)	2.1 (1-3.6)	6.9 (5.5-8.2)	0.2 (0.1-0.3)	0.4 (0.3-0.5)	0.2 (0.1-0.3)	0.5 (0.4-0.7)	0.2 (0.1-0.4)	0.7 (0.5-0.9)	37	27	38	23	40	20
Côte d'Ivoire	3.4 (2.1-5.3)	22.6 (19.1-26.3)	2.7 (1.8-4)	22.6 (19.3-26.5)	2.2 (1.4-3.1)	22 (18.8-25.6)	0.3 (0.2-0.5)	2 (1.7-2.4)	0.3 (0.2-0.4)	2.5 (2.1-2.9)	0.4 (0.3-0.5)	4 (3.3-4.9)	30	10	30	9	29	7
Gambia	6.8 (1.4-29.2)	16.8 (13.4-20.3)	5.3 (1.1-25.3)	16.2 (13-19.8)	4.2 (1.1-17.9)	15.6 (12.6-18.9)	0.8 (0.2-3.5)	2 (1.6-2.5)	0.9 (0.2-4.3)	2.9 (2.3-3.6)	1.2 (0.3-5.2)	4.5 (3.4-5.8)	18	13	19	9	18	6
Ghana	12.9 (8.7-16.3)	41 (35.1-47.5)	9.9 (6.1-13.6)	40.9 (34.7-47.5)	8.4 (4.7-12.7)	38.3 (31.7-46.3)	1.7 (1.2-2.2)	5.5 (4.7-6.6)	1.7 (1.1-2.4)	7.2 (5.9-8.4)	2.4 (1.5-3.5)	11.2 (8.1-15.8)	13	7	13	4	9	3
Guinea	11 (1.4-19.5)	54.1 (42.5-66.4)	9.9 (1.9-18.3)	53.6 (42.3-64.9)	6.8 (1.2-11.8)	53.7 (42.1-65.7)	0.7 (0.1-1.2)	3.5 (2.8-4.2)	0.9 (0.2-1.5)	4.8 (3.8-6.1)	1 (0.2-1.6)	7.8 (5.9-10.1)	19	9	19	6	19	5
Guinea-Bissau	3.6 (0.7-16.5)	2.4 (1.9-3.1)	2.8 (0.6-11.5)	2.4 (1.8-3.1)	1.7 (0.3-8.1)	2.2 (1.7-2.9)	0.3 (0.1-1.2)	0.2 (0.1-0.2)	0.3 (0.1-1.4)	0.3 (0.2-0.4)	0.3 (0.1-1.6)	0.4 (0.3-0.5)	34	42	34	39	36	32
Liberia	4.6 (1.5-12)	19.8 (16.6-24.1)	3 (1.1-9.7)	19.5 (16.1-23.7)	2.3 (0.8-8.7)	17.7 (14.8-21.2)	0.3 (0.1-0.7)	1.2 (1-1.4)	0.4 (0.1-1.2)	2.5 (2-3.1)	0.5 (0.1-1.7)	3.6 (2.6-4.7)	32	16	28	10	26	7
Mali	9.2 (3.5-16.5)	19.3 (16.1-22.9)	6.7 (2.7-11.9)	19.1 (15.8-22.8)	4.8 (2.3-8.8)	18.9 (15.7-22.5)	0.5 (0.2-0.9)	1.1 (0.9-1.3)	0.5 (0.2-0.9)	1.5 (1.2-1.8)	0.5 (0.3-1)	2.1 (1.7-2.6)	22	15	23	14	24	12
Mauritania	1.8 (0.9-3)	5.3 (4.1-6.6)	1.3 (0.7-2)	5.2 (4.1-6.6)	0.9 (0.5-1.3)	5.1 (3.9-6.3)	0.3 (0.1-0.4)	0.8 (0.6-1.1)	0.3 (0.1-0.4)	1.1 (0.9-1.5)	0.3 (0.2-0.5)	2 (1.5-2.7)	35	20	37	17	39	14
Niger	7.3 (2.6-13.3)	42.7 (35.3-51.4)	3.9 (1.7-6.4)	36.4 (30.3-43.9)	3.4 (1.6-5)	35.1 (29.3-42.4)	0.3 (0.1-0.6)	2 (1.6-2.5)	0.3 (0.2-0.6)	3.3 (2.6-4)	0.4 (0.2-0.6)	4.4 (3.4-5.5)	25	11	25	9	26	7
Nigeria	8.7 (1.9-14.9)	80.5 (58.2-112)	7.5 (2-12.6)	67.2 (50.1-91.2)	5.8 (1.8-9.2)	66.8 (49.6-91.3)	0.5 (0.1-0.9)	5 (3.7-6.8)	0.6 (0.2-1.1)	5.7 (4.1-7.8)	0.8 (0.3-1.3)	9.4 (6.6-13.6)	21	7	19	6	17	6
Sao Tome and Principe	3.5 (0.8-5.5)	24.6 (17.9-33.2)	3.4 (0.8-6)	25 (18.2-34.1)	1.8 (0.5-3.5)	24 (17.4-32.4)	0.6 (0.1-0.9)	4.1 (3-5.6)	1.1 (0.3-1.8)	8.3 (5.8-11.9)	1.4 (0.4-2.5)	18.8 (12.4-27.5)	22	6	18	5	18	1
Senegal	4.3 (1.5-9.1)	14.5 (11.5-17.6)	3.8 (1.6-8.6)	14.5 (11.6-17.4)	2.4 (1-6.2)	14.3 (11.4-17.3)	0.4 (0.2-1)	1.5 (1.2-1.9)	0.7 (0.3-1.5)	2.5 (2-3.1)	0.8 (0.3-2)	4.7 (3.6-5.9)	26	13	24	11	25	7
Sierra Leone	11.5 (1.3-22.1)	75 (58.3-91.5)	7.7 (0.9-13.7)	74.1 (58.1-89.3)	6 (0.9-10.7)	72.8 (56.4-88.2)	0.5 (0.1-1)	3.5 (2.8-4.3)	0.6 (0.1-1)	5.9 (4.6-7.4)	0.8 (0.1-1.4)	9.8 (6.8-13.2)	21	9	19	7	18	4
Togo	19 (9.2-29.2)	56 (46.6-67.5)	15 (7.1-24.5)	55.4 (45.6-66.5)	11 (5.1-19.1)	54.1 (44.6-65)	2 (1-3.2)	5.8 (4.7-6.9)	2 (0.9-3.2)	7.3 (6.1-8.8)	2.6 (1.3-4.5)	12.9 (9.2-16.5)	11	7	13	6	8	2

Table S20: 15-49 sickle cell disease mortality metrics in 2000, 2010, and 2021

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
Global	0.4 (0.3-0.5)	2.7 (2.2-3.5)	0.4 (0.3-0.5)	3 (2.5-3.8)	0.4 (0.3-0.6)	3.5 (2.9-4.4)	0.1 (0.1-0.2)	1 (0.8-1.3)	0.2 (0.1-0.2)	1.4 (1.1-1.7)	0.2 (0.1-0.3)	1.5 (1.2-2)	99	27	93	19	84	14
Central Europe, Eastern Europe, and Central Asia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	196	198	192	200	193
Central Asia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	208	205	207	205	207	205
Armenia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	195	203	195	201	195
Azerbaijan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	202	201	201	202	199
Georgia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	196	206	197	206	196
Kazakhstan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	199	205	197	203	197
Kyrgyzstan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	198	205	197	204	198
Mongolia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	199	198	197	201	200
Tajikistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	200	201	196	204	197
Turkmenistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	201	202	197	199	196
Uzbekistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	196	205	196	199	195
Central Europe	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	168	181	171	186	164
Albania	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	189	187	188	182	189	178
Bosnia and Herzegovina	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	191	181	193	178	192	173
Bulgaria	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	156	186	154	188	154	186
Croatia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	145	176	145	169	139
Czechia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	181	189	181	189	186	193
Hungary	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	187	186	183	186	181
Montenegro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	185	177	186	169	188	166
North Macedonia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	176	187	173	188	170
Poland	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	141	165	142	173	145
Romania	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	172	178	171	178	171
Serbia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	193	200	190	200	189
Slovakia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	172	187	168	190	167
Slovenia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	184	169	183	163	182	160
Eastern Europe	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	198	202	195	201	196
Belarus	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	186	204	188	199	188
Estonia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	184	199	181	199	180

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
Latvia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	186	199	184	202	186
Lithuania	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	183	198	183	196	181
Republic of Moldova	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	184	198	186	198	187
Russian Federation	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	198	201	194	200	194
Ukraine	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	195	199	195	201	195
High-income	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	121	92	122	82	122	78
Australasia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	149	170	150	180	147
Australia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	167	153	169	154	181	149
New Zealand	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	173	132	170	133	171	127
High-income Asia Pacific	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	174	188	179	180	179	173
Brunei Darussalam	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	181	179	181	178	173	174
Japan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	158	179	165	173	173	172
Aichi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	155	143	159	143	169	141
Akita	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	183	164	180	170	179
Aomori	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	159	184	160	178	168	180
Chiba	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	153	166	157	158	168	159
Ehime	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	153	185	155	182	166	180
Fukui	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	156	184	159	178	168	176
Fukuoka	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	186	161	180	170	181
Fukushima	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	160	186	164	183	171	181
Gifu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	158	185	160	184	170	179
Gunma	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	157	186	159	181	167	181
Hiroshima	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	152	186	156	181	168	178
Hokkaidō	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	156	184	162	182	171	184
Hyōgo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	157	183	160	175	167	172
Ibaraki	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	157	178	160	171	168	170
Ishikawa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	158	185	163	179	172	176
Iwate	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	185	164	180	171	177
Kagawa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	154	184	157	182	167	181

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
Kagoshima	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	162	185	163	181	170	182
Kanagawa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	159	178	164	170	169	169
Kōchi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	159	187	164	183	170	181
Kumamoto	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	159	185	164	182	170	183
Kyōto	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	156	185	163	178	169	177
Mie	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	158	182	162	176	170	177
Miyagi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	159	184	162	180	171	177
Miyazaki	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	185	166	181	170	180
Nagano	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	186	164	180	169	177
Nagasaki	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	170	187	167	183	172	183
Nara	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	152	184	159	178	169	177
Niigata	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	159	183	161	178	170	177
Ōita	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	162	187	163	182	172	182
Okayama	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	154	184	159	182	169	178
Okinawa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	177	169	172	173	172
Ōsaka	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	155	183	164	177	169	173
Saga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	158	186	165	183	169	176
Saitama	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	155	184	160	181	167	178
Shiga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	155	183	164	177	169	175
Shimane	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	159	184	161	177	169	173
Shizuoka	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	157	183	158	180	170	180
Tochigi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	159	182	161	182	169	181
Tokushima	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	160	187	164	183	170	180
Tōkyō	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	162	174	168	161	171	164
Tottori	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	157	183	163	180	169	175
Toyama	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	158	183	160	178	167	178
Wakayama	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	154	184	159	180	167	179
Yamagata	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	181	162	180	169	177
Yamaguchi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	160	185	164	179	169	179

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
Yamanashi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	152	183	160	181	165	176
Republic of Korea	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	180	178	180	176	179	167
Singapore	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	172	168	177	155	178	153
High-income North America	0.2 (0.2-0.2)	0.4 (0.4-0.5)	0.2 (0.2-0.2)	0.4 (0.4-0.5)	0.2 (0.2-0.2)	0.4 (0.3-0.4)	0.2 (0.2-0.2)	0.3 (0.2-0.3)	0.2 (0.2-0.2)	0.3 (0.3-0.3)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	86	64	87	65	94	69
Canada	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	120	157	126	153	127	160
Greenland	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	181	152	179	152	177	144
United States of America	0.3 (0.3-0.3)	0.4 (0.4-0.5)	0.2 (0.2-0.2)	0.4 (0.4-0.5)	0.2 (0.2-0.2)	0.4 (0.4-0.5)	0.2 (0.2-0.2)	0.3 (0.2-0.3)	0.2 (0.2-0.2)	0.3 (0.3-0.3)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	83	63	85	63	92	65
Alabama	0.6 (0.5-0.6)	0.9 (0.8-1.1)	0.6 (0.5-0.6)	0.9 (0.8-1.1)	0.4 (0.4-0.5)	0.9 (0.8-1)	0.3 (0.2-0.3)	0.4 (0.4-0.5)	0.3 (0.3-0.3)	0.4 (0.4-0.5)	0.1 (0.1-0.2)	0.3 (0.2-0.4)	65	50	69	49	76	47
Alaska	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	131	105	133	110	131	112
Arizona	0.2 (0.1-0.2)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	0.2 (0.2-0.3)	0.1 (0.1-0.2)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0-0.1)	0.1 (0.1-0.1)	104	92	101	89	107	87
Arkansas	0.4 (0.4-0.4)	0.6 (0.5-0.7)	0.4 (0.4-0.5)	0.6 (0.5-0.7)	0.4 (0.3-0.4)	0.5 (0.4-0.6)	0.2 (0.2-0.2)	0.3 (0.3-0.3)	0.2 (0.2-0.2)	0.3 (0.2-0.3)	0.1 (0.1-0.2)	0.2 (0.1-0.2)	76	61	76	67	82	73
California	0.2 (0.1-0.2)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	96	94	96	86	101	87
Colorado	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0-0.1)	105	102	108	104	111	108
Connecticut	0.2 (0.2-0.2)	0.5 (0.4-0.6)	0.2 (0.2-0.2)	0.5 (0.4-0.5)	0.2 (0.1-0.2)	0.4 (0.4-0.5)	0.1 (0.1-0.2)	0.3 (0.3-0.4)	0.1 (0.1-0.2)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	88	57	91	51	94	52
Delaware	0.3 (0.3-0.3)	1.1 (0.9-1.2)	0.3 (0.3-0.3)	1.1 (0.9-1.2)	0.2 (0.2-0.3)	1.1 (0.9-1.2)	0.2 (0.2-0.2)	0.6 (0.5-0.7)	0.2 (0.2-0.2)	0.6 (0.6-0.7)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	81	37	81	36	87	33
District of Columbia	0.7 (0.7-0.8)	1.7 (1.4-2)	0.4 (0.4-0.4)	1.6 (1.3-1.9)	0.3 (0.2-0.3)	1.5 (1.2-1.8)	0.2 (0.2-0.2)	0.5 (0.5-0.6)	0.3 (0.2-0.3)	1 (0.8-1.2)	0.2 (0.1-0.2)	0.8 (0.6-1)	65	36	60	24	69	22
Florida	0.3 (0.3-0.4)	0.9 (0.8-1)	0.3 (0.3-0.4)	0.8 (0.7-1)	0.3 (0.2-0.3)	0.8 (0.7-0.9)	0.2 (0.2-0.2)	0.5 (0.4-0.5)	0.2 (0.2-0.2)	0.5 (0.5-0.6)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	77	42	69	41	75	39
Georgia	0.5 (0.4-0.5)	0.9 (0.8-1)	0.4 (0.4-0.4)	0.9 (0.8-1)	0.3 (0.3-0.4)	0.9 (0.8-1)	0.3 (0.2-0.3)	0.5 (0.4-0.6)	0.3 (0.2-0.3)	0.6 (0.5-0.6)	0.2 (0.1-0.2)	0.4 (0.3-0.5)	66	44	67	37	75	37
Hawaii	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	124	128	126	133	130	140
Idaho	0 (0-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0 (0-0.1)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	140	135	143	133	136
Illinois	0.3 (0.3-0.3)	0.3 (0.3-0.4)	0.3 (0.2-0.3)	0.3 (0.3-0.4)	0.2 (0.2-0.3)	0.3 (0.2-0.3)	0.2 (0.2-0.2)	0.2 (0.2-0.2)	0.2 (0.2-0.2)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	78	75	77	68	85	76
Indiana	0.2 (0.2-0.2)	0.3 (0.3-0.4)	0.2 (0.2-0.3)	0.3 (0.3-0.4)	0.2 (0.2-0.2)	0.3 (0.3-0.4)	0.1 (0.1-0.2)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	89	74	93	76	97	79
Iowa	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	106	90	111	96	113	92
Kansas	0.2 (0.2-0.2)	0.2 (0.2-0.3)	0.2 (0.2-0.3)	0.2 (0.2-0.3)	0.2 (0.2-0.2)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	83	83	88	89	96	97
Kentucky	0.2 (0.2-0.2)	0.2 (0.1-0.2)	0.3 (0.2-0.3)	0.2 (0.1-0.2)	0.2 (0.2-0.3)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	93	104	93	110	101	112
Louisiana	0.6 (0.5-0.6)	0.8 (0.7-0.9)	0.5 (0.5-0.6)	0.7 (0.6-0.8)	0.5 (0.4-0.5)	0.7 (0.6-0.7)	0.2 (0.2-0.3)	0.3 (0.3-0.4)	0.2 (0.2-0.3)	0.3 (0.3-0.4)	0.2 (0.1-0.2)	0.2 (0.2-0.3)	65	56	66	58	74	60
Maine	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	126	146	129	149	131	159
Maryland	0.4 (0.4-0.4)	1.1 (1-1.3)	0.3 (0.3-0.3)	1.1 (1-1.3)	0.3 (0.2-0.3)	1.1 (0.9-1.2)	0.2 (0.2-0.2)	0.6 (0.5-0.7)	0.2 (0.2-0.2)	0.8 (0.7-0.9)	0.2 (0.1-0.2)	0.6 (0.5-0.7)	72	40	72	31	81	34
Massachusetts	0.1 (0.1-0.2)	0.4 (0.3-0.4)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0.1 (0.1-0.1)	0.3 (0.3-0.3)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	0.1 (0.1-0.1)	0.3 (0.2-0.3)	97	60	97	56	99	55

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
Michigan	0.3 (0.3-0.3)	0.5 (0.4-0.5)	0.3 (0.3-0.3)	0.5 (0.4-0.5)	0.2 (0.2-0.3)	0.4 (0.4-0.5)	0.2 (0.2-0.2)	0.3 (0.3-0.3)	0.2 (0.2-0.2)	0.3 (0.3-0.3)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	84	65	84	64	87	64
Minnesota	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	104	92	101	93	105	97
Mississippi	0.6 (0.6-0.6)	1.1 (1-1.3)	0.6 (0.5-0.6)	1.1 (1-1.2)	0.5 (0.5-0.6)	1 (0.9-1.1)	0.3 (0.2-0.3)	0.5 (0.4-0.5)	0.3 (0.2-0.3)	0.5 (0.4-0.5)	0.2 (0.1-0.2)	0.3 (0.3-0.4)	66	45	70	43	76	51
Missouri	0.3 (0.3-0.3)	0.5 (0.4-0.5)	0.3 (0.3-0.3)	0.5 (0.4-0.5)	0.3 (0.2-0.3)	0.4 (0.4-0.5)	0.2 (0.1-0.2)	0.3 (0.2-0.3)	0.2 (0.2-0.2)	0.3 (0.2-0.3)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	82	64	86	66	92	69
Montana	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	160	133	162	134	162
Nebraska	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	99	102	100	101	107	110
Nevada	0.2 (0.2-0.2)	0.4 (0.3-0.5)	0.2 (0.2-0.2)	0.4 (0.3-0.4)	0.1 (0.1-0.2)	0.4 (0.3-0.4)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	96	71	97	68	99	66
New Hampshire	0.1 (0-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	127	132	127	138	128	136
New Jersey	0.3 (0.3-0.3)	0.6 (0.5-0.7)	0.2 (0.2-0.3)	0.6 (0.5-0.7)	0.2 (0.1-0.2)	0.6 (0.5-0.6)	0.2 (0.2-0.2)	0.4 (0.4-0.5)	0.2 (0.2-0.2)	0.5 (0.4-0.6)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	77	51	78	46	88	40
New Mexico	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	124	143	121	145	125	148
New York	0.3 (0.3-0.3)	0.7 (0.6-0.8)	0.3 (0.2-0.3)	0.7 (0.6-0.8)	0.2 (0.2-0.2)	0.6 (0.5-0.7)	0.2 (0.2-0.2)	0.5 (0.4-0.5)	0.2 (0.2-0.2)	0.6 (0.5-0.7)	0.2 (0.1-0.2)	0.5 (0.4-0.6)	73	46	72	41	78	37
North Carolina	0.4 (0.3-0.4)	0.7 (0.6-0.8)	0.3 (0.3-0.3)	0.7 (0.6-0.8)	0.3 (0.2-0.3)	0.7 (0.6-0.8)	0.2 (0.2-0.2)	0.4 (0.4-0.5)	0.2 (0.2-0.2)	0.5 (0.4-0.5)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	76	51	76	46	82	49
North Dakota	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	119	161	119	163	117	166
Ohio	0.3 (0.2-0.3)	0.4 (0.3-0.4)	0.3 (0.3-0.3)	0.3 (0.3-0.4)	0.3 (0.2-0.3)	0.3 (0.3-0.4)	0.2 (0.1-0.2)	0.2 (0.2-0.3)	0.2 (0.2-0.2)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	85	72	84	73	88	77
Oklahoma	0.3 (0.2-0.3)	0.2 (0.2-0.3)	0.3 (0.3-0.3)	0.2 (0.2-0.3)	0.2 (0.2-0.2)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	88	91	90	99	98	102
Oregon	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	125	115	123	112	127	113
Pennsylvania	0.3 (0.2-0.3)	0.3 (0.3-0.4)	0.2 (0.2-0.2)	0.3 (0.3-0.4)	0.2 (0.2-0.2)	0.3 (0.3-0.3)	0.2 (0.1-0.2)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	84	76	89	70	92	69
Rhode Island	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.3 (0.2-0.3)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	107	62	108	62	111	61
South Carolina	0.6 (0.6-0.6)	0.9 (0.8-1)	0.5 (0.5-0.6)	0.8 (0.7-0.9)	0.5 (0.4-0.6)	0.7 (0.6-0.8)	0.3 (0.3-0.3)	0.4 (0.3-0.5)	0.3 (0.3-0.3)	0.4 (0.4-0.5)	0.2 (0.1-0.2)	0.3 (0.2-0.3)	64	51	63	51	71	54
South Dakota	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	114	147	116	150	119	150
Tennessee	0.3 (0.3-0.4)	0.6 (0.5-0.7)	0.3 (0.3-0.3)	0.6 (0.5-0.6)	0.3 (0.3-0.4)	0.5 (0.5-0.6)	0.2 (0.2-0.2)	0.3 (0.2-0.3)	0.2 (0.2-0.2)	0.3 (0.3-0.3)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	82	61	83	62	86	70
Texas	0.2 (0.2-0.3)	0.4 (0.4-0.5)	0.2 (0.2-0.2)	0.4 (0.4-0.5)	0.2 (0.2-0.2)	0.4 (0.4-0.5)	0.2 (0.1-0.2)	0.3 (0.2-0.3)	0.2 (0.1-0.2)	0.3 (0.3-0.3)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	86	67	89	64	93	59
Utah	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0 (0-0)	0 (0-0)	119	125	116	126	124	126
Vermont	0.1 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0.1 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	136	121	137	124	132	130
Virginia	0.3 (0.3-0.3)	0.6 (0.5-0.7)	0.3 (0.3-0.3)	0.6 (0.5-0.7)	0.2 (0.2-0.3)	0.6 (0.5-0.6)	0.2 (0.2-0.2)	0.4 (0.3-0.5)	0.2 (0.2-0.2)	0.5 (0.4-0.5)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	76	53	76	46	83	49
Washington	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	111	100	112	100	116	100
West Virginia	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	105	124	102	130	107	133
Wisconsin	0.2 (0.2-0.2)	0.3 (0.2-0.3)	0.2 (0.2-0.2)	0.3 (0.2-0.3)	0.2 (0.1-0.2)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	94	76	97	77	98	80
Wyoming	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0 (0-0)	0 (0-0)	122	131	120	137	124	148

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
Southern Latin America	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	187	199	182	195	182
Argentina	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	193	192	196	189	195	191
Chile	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	175	199	169	200	171
Uruguay	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	174	182	187	179	173	181
Western Europe	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.3)	149	85	143	83	142	76
Andorra	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	124	79	127	83	131	75
Austria	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.2)	153	92	151	92	149	77
Belgium	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	144	122	134	118	136	114
Cyprus	0.1 (0.1-0.2)	0.5 (0.4-0.7)	0.1 (0-0.1)	0.5 (0.4-0.7)	0 (0-0)	0.5 (0.4-0.6)	0.1 (0.1-0.2)	0.5 (0.4-0.6)	0.1 (0.1-0.1)	0.7 (0.6-0.8)	0 (0-0.1)	0.8 (0.6-1)	101	41	111	37	126	33
Denmark	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.3 (0.3-0.4)	176	81	169	75	167	61
Finland	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.3)	175	85	169	82	167	72
France	0 (0-0)	0.4 (0.3-0.4)	0.1 (0-0.1)	0.4 (0.3-0.5)	0 (0-0.1)	0.4 (0.3-0.5)	0 (0-0)	0.3 (0.2-0.3)	0.1 (0-0.1)	0.4 (0.3-0.4)	0.1 (0.1-0.1)	0.4 (0.4-0.5)	135	67	125	53	126	44
Germany	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	159	109	148	110	146	97
Greece	0 (0-0)	0.6 (0.5-0.7)	0 (0-0.1)	0.5 (0.4-0.6)	0.1 (0-0.1)	0.5 (0.4-0.6)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0.1)	0.5 (0.4-0.6)	0.1 (0-0.1)	0.5 (0.4-0.6)	116	37	122	41	115	41
Iceland	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	142	102	143	100	146	103
Ireland	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	143	97	143	96	141	83
Israel	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.3-0.4)	143	67	139	57	136	51
Italy	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.2)	156	97	146	86	157	83
Abruzzo	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	158	121	149	125	160	122
Basilicata	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	163	130	151	128	162	130
Calabria	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	145	90	137	90	151	88
Campania	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	158	103	148	98	160	97
Emilia-Romagna	0 (0-0)	0.3 (0.3-0.3)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.3 (0.3-0.4)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.4 (0.3-0.4)	0 (0-0)	0.5 (0.4-0.6)	149	58	145	55	151	39
Friuli-Venezia Giulia	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.3)	154	81	145	74	154	57
Lazio	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	160	105	151	102	161	91
Liguria	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.3 (0.3-0.4)	150	82	143	72	148	64
Lombardia	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	157	103	149	95	156	87
Marche	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	150	82	142	76	149	68
Molise	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	164	120	159	120	162	117

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
Piemonte	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	163	105	154	95	160	86
Provincia autonoma di Bolzano	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	157	105	152	95	159	88
Provincia autonoma di Trento	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	155	115	141	110	152	97
Puglia	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	159	116	152	114	162	113
Sardegna	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	165	127	155	131	164	130
Sicilia	0 (0-0)	0.3 (0.3-0.4)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.3 (0.3-0.4)	0.1 (0-0.1)	0.4 (0.3-0.4)	0 (0-0)	0.3 (0.3-0.4)	132	59	122	52	135	49
Toscana	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	158	108	147	105	156	98
Umbria	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	132	89	126	91	143	82
Valle d'Aosta	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	165	144	162	137	164	127
Veneto	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.3 (0.3-0.4)	155	79	146	69	158	61
Luxembourg	0 (0-0)	0.9 (0.7-1)	0 (0-0)	0.9 (0.7-1)	0 (0-0)	0.8 (0.7-1)	0 (0-0)	0.7 (0.6-0.9)	0 (0-0)	1.1 (0.9-1.3)	0 (0-0)	1.4 (1.1-1.7)	146	30	145	25	139	14
Malta	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.3-0.4)	0 (0-0)	0.3 (0.2-0.4)	158	71	157	67	152	70
Monaco	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	134	92	136	95	140	87
Netherlands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	140	152	132	146	129	142
Norway	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	171	107	174	102	174	94
Agder	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	185	107	188	103	184	90
Innlandet	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	179	111	181	102	180	96
Møre og Romsdal	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	179	105	181	99	177	89
Nordland	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	170	109	173	102	170	93
Oslo	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	181	109	182	102	181	94
Rogaland	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	153	103	158	100	158	95
Troms og Finnmark	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	172	111	177	104	174	96
Trøndelag	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	177	105	180	98	178	90
Vestfold og Telemark	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	168	111	167	103	170	95
Vestland	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	177	102	177	100	174	87
Viken	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	179	110	179	103	177	94
Portugal	0 (0-0.1)	0.6 (0.5-0.7)	0 (0-0.1)	0.4 (0.3-0.6)	0 (0-0)	0.5 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.4)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.5 (0.4-0.6)	128	56	129	55	131	45
San Marino	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	124	80	131	82	132	71
Spain	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	155	104	144	97	142	92

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
Sweden	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.3)	173	86	169	82	160	71
Stockholm	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.3 (0.2-0.4)	167	87	165	84	157	56
Sweden except Stockholm	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.3)	174	86	168	82	159	71
Switzerland	0 (0-0)	0.6 (0.5-0.6)	0 (0-0)	0.6 (0.5-0.6)	0 (0-0)	0.6 (0.5-0.7)	0 (0-0)	0.6 (0.5-0.6)	0 (0-0)	0.8 (0.7-0.9)	0 (0-0)	1.1 (1-1.3)	163	39	155	34	151	19
United Kingdom	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	136	79	141	78	135	76
England	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	136	74	143	74	139	68
East Midlands	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	152	89	150	90	149	92
Derby	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	137	90	141	90	137	92
Derbyshire	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	154	133	153	139	151	133
Leicester	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	136	71	137	66	135	56
Leicestershire	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	162	126	158	135	156	126
Lincolnshire	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	167	133	159	138	160	131
Northamptonshire	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.3-0.5)	0 (0-0)	0.3 (0.2-0.4)	137	66	141	62	140	53
Nottingham	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.5 (0.3-0.7)	150	54	149	43	145	40
Nottinghamshire	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	156	137	152	140	151	135
Rutland	0 (0-0)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.2)	121	122	123	131	135	111
East of England	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	143	80	145	84	144	81
Bedford	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.3 (0.2-0.4)	147	49	148	53	145	57
Cambridgeshire	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	156	101	155	98	152	96
Central Bedfordshire	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	145	130	147	139	141	121
Essex	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	142	82	143	87	138	76
Hertfordshire	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	138	83	139	80	135	74
Luton	0.1 (0.1-0.1)	0.2 (0.2-0.4)	0.1 (0.1-0.1)	0.2 (0.1-0.4)	0 (0-0)	0.2 (0.1-0.3)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0 (0-0)	0.2 (0.2-0.3)	117	75	124	74	124	63
Norfolk	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	163	96	159	99	160	97
Peterborough	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	159	105	155	114	156	102
Southend-on-Sea	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	142	125	147	131	144	124
Suffolk	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.4 (0.2-0.5)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.3 (0.2-0.5)	139	54	142	52	140	66
Thurrock	0.1 (0.1-0.1)	0.4 (0.3-0.6)	0.1 (0.1-0.1)	0.4 (0.3-0.6)	0.1 (0-0.1)	0.4 (0.3-0.6)	0.1 (0.1-0.1)	0.4 (0.3-0.6)	0.1 (0.1-0.1)	0.5 (0.3-0.6)	0 (0-0.1)	0.3 (0.2-0.5)	112	51	120	50	114	45
Greater London	0.1 (0.1-0.1)	0.7 (0.5-0.9)	0.1 (0.1-0.1)	0.7 (0.5-0.9)	0 (0-0.1)	0.6 (0.5-0.8)	0.1 (0.1-0.1)	0.7 (0.5-0.9)	0.1 (0.1-0.1)	0.9 (0.7-1.1)	0.1 (0.1-0.1)	0.7 (0.5-1)	103	36	114	32	111	23

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
Barking and Dagenham	0.1 (0.1-0.1)	0.9 (0.7-1.1)	0.1 (0.1-0.1)	0.9 (0.7-1.1)	0.1 (0.1-0.1)	0.8 (0.6-1)	0.1 (0.1-0.1)	0.9 (0.7-1.1)	0.1 (0.1-0.1)	1 (0.8-1.3)	0.1 (0-0.1)	0.7 (0.5-0.9)	107	30	108	30	108	20
Barnet	0.1 (0.1-0.1)	0.6 (0.5-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.7)	0.1 (0.1-0.1)	0.8 (0.6-1)	0.1 (0.1-0.1)	0.9 (0.7-1.2)	0.1 (0-0.1)	0.8 (0.6-1)	111	34	116	32	111	24
Bexley	0 (0-0.1)	0.4 (0.2-0.5)	0 (0-0)	0.4 (0.2-0.5)	0 (0-0)	0.3 (0.2-0.5)	0.1 (0.1-0.1)	0.4 (0.3-0.6)	0.1 (0.1-0.1)	0.6 (0.4-0.8)	0.1 (0-0.1)	0.5 (0.3-0.7)	116	51	122	44	118	41
Brent	0.1 (0.1-0.1)	0.6 (0.4-0.7)	0.1 (0.1-0.1)	0.6 (0.4-0.7)	0.1 (0.1-0.1)	0.5 (0.4-0.7)	0.1 (0.1-0.1)	0.6 (0.5-0.8)	0.1 (0.1-0.1)	0.8 (0.6-1)	0.1 (0.1-0.1)	0.6 (0.4-0.8)	99	40	108	36	106	31
Bromley	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.4 (0.2-0.5)	0 (0-0)	0.4 (0.3-0.6)	126	64	134	59	129	46
Camden	0.1 (0.1-0.1)	0.6 (0.4-0.9)	0 (0-0.1)	0.6 (0.4-0.8)	0 (0-0)	0.5 (0.3-0.6)	0.1 (0.1-0.1)	0.6 (0.4-0.7)	0.1 (0.1-0.1)	0.8 (0.5-1)	0 (0-0.1)	0.8 (0.6-1.2)	110	40	115	34	118	20
Croydon	0.1 (0.1-0.1)	0.7 (0.5-0.8)	0.1 (0.1-0.1)	0.7 (0.5-0.8)	0.1 (0.1-0.1)	0.7 (0.5-0.9)	0.1 (0.1-0.1)	0.7 (0.5-0.9)	0.1 (0.1-0.1)	0.8 (0.6-1)	0.1 (0.1-0.1)	0.8 (0.6-1)	102	37	113	35	108	29
Ealing	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.4 (0.3-0.6)	0.1 (0.1-0.1)	0.5 (0.4-0.7)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	103	53	109	52	111	53
Enfield	0.1 (0.1-0.1)	1.5 (1.1-1.9)	0.1 (0.1-0.1)	1.5 (1.1-1.9)	0.1 (0-0.1)	1.4 (1.1-1.7)	0.1 (0.1-0.1)	1.7 (1.3-2.1)	0.1 (0.1-0.1)	2.1 (1.6-2.6)	0.1 (0.1-0.1)	2.1 (1.6-2.7)	99	15	108	12	102	10
Greenwich	0.1 (0.1-0.1)	0.7 (0.5-0.9)	0.1 (0.1-0.1)	0.7 (0.5-0.9)	0.1 (0-0.1)	0.7 (0.5-0.9)	0.1 (0.1-0.1)	0.6 (0.5-0.8)	0.1 (0.1-0.1)	0.9 (0.7-1.2)	0.1 (0.1-0.1)	0.8 (0.6-1)	107	40	115	31	111	29
Hackney	0.2 (0.2-0.2)	2 (1.6-2.6)	0.1 (0.1-0.1)	2.1 (1.6-2.6)	0.1 (0.1-0.1)	1.8 (1.3-2.2)	0.2 (0.2-0.2)	1.7 (1.3-2.2)	0.2 (0.1-0.2)	2.4 (1.9-3.1)	0.1 (0-0.1)	1 (0.5-1.4)	89	13	95	7	93	7
Hammersmith and Fulham	0.1 (0.1-0.1)	0.6 (0.4-0.9)	0.1 (0.1-0.1)	0.6 (0.4-0.8)	0.1 (0-0.1)	0.5 (0.3-0.6)	0.1 (0.1-0.1)	0.6 (0.4-0.8)	0.1 (0.1-0.1)	0.7 (0.5-1)	0.1 (0-0.1)	0.5 (0.3-0.7)	100	40	105	36	111	33
Haringey	0.1 (0.1-0.2)	2.1 (1.6-2.7)	0.1 (0.1-0.1)	2 (1.5-2.6)	0.1 (0.1-0.1)	1.8 (1.4-2.3)	0.1 (0.1-0.1)	2.1 (1.6-2.6)	0.1 (0.1-0.1)	2.2 (1.7-2.8)	0.1 (0.1-0.1)	2.2 (1.7-2.7)	91	10	99	9	98	7
Harrow	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0-0.1)	0.1 (0.1-0.2)	117	97	126	96	119	91
Havering	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.4)	138	80	139	83	138	75
Hillingdon	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	150	86	149	80	146	71
Hounslow	0 (0-0)	0.4 (0.2-0.5)	0 (0-0)	0.4 (0.2-0.5)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.4 (0.2-0.5)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.4 (0.3-0.6)	129	57	135	47	137	45
Islington	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.3 (0.2-0.5)	0.1 (0.1-0.1)	0.4 (0.3-0.6)	102	69	107	64	110	44
Kensington and Chelsea	0.1 (0-0.1)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	107	123	116	128	116	117
Kingston upon Thames	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	152	66	149	65	148	61
Lambeth	0.2 (0.1-0.2)	1.6 (1.2-2)	0.1 (0.1-0.1)	1.5 (1.1-1.9)	0.1 (0.1-0.1)	1.3 (1-1.6)	0.1 (0.1-0.1)	1.3 (1-1.6)	0.1 (0.1-0.1)	1.8 (1.3-2.3)	0.1 (0.1-0.1)	1.7 (1.3-2.2)	98	18	100	14	100	10
Lewisham	0.1 (0.1-0.1)	1.1 (0.8-1.4)	0.1 (0.1-0.1)	1 (0.8-1.3)	0.1 (0.1-0.1)	1 (0.7-1.2)	0.1 (0.1-0.1)	1 (0.8-1.2)	0.1 (0.1-0.1)	1.4 (1.1-1.7)	0.1 (0.1-0.1)	1.1 (0.9-1.5)	100	26	109	17	101	14
Merton	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.6)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.8 (0.5-1)	0 (0-0)	0.6 (0.4-0.8)	129	42	137	34	119	32
Newham	0.2 (0.2-0.2)	0.8 (0.6-1.1)	0.1 (0.1-0.2)	0.8 (0.6-1.1)	0.1 (0.1-0.1)	0.7 (0.6-0.9)	0.2 (0.2-0.2)	0.7 (0.6-0.9)	0.2 (0.2-0.2)	1 (0.8-1.3)	0.1 (0.1-0.1)	0.8 (0.6-1.1)	89	34	91	25	96	16
Redbridge	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0.1)	0.3 (0.2-0.5)	0.1 (0.1-0.1)	0.4 (0.3-0.6)	0 (0-0)	0.4 (0.2-0.6)	118	58	125	57	121	43
Richmond upon Thames	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.5)	151	74	148	72	149	64
Southwark	0.2 (0.1-0.2)	1.4 (1-1.7)	0.1 (0.1-0.1)	1.3 (1-1.7)	0.1 (0.1-0.1)	1.2 (0.9-1.6)	0.1 (0.1-0.1)	1.1 (0.9-1.4)	0.1 (0.1-0.1)	1.6 (1.2-1.9)	0.1 (0.1-0.1)	1.6 (1.1-2.1)	98	19	104	16	97	12
Sutton	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	138	88	141	86	140	82
Tower Hamlets	0.1 (0.1-0.1)	0.3 (0.2-0.5)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.3 (0.2-0.3)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.5 (0.3-0.7)	0 (0-0)	0.2 (0.2-0.4)	108	69	115	53	114	52

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
Waltham Forest	0.1 (0.1-0.1)	0.8 (0.6-1)	0.1 (0.1-0.1)	0.8 (0.6-1)	0.1 (0.1-0.1)	0.7 (0.5-0.9)	0.1 (0.1-0.1)	0.8 (0.6-1.1)	0.1 (0.1-0.1)	0.9 (0.7-1.2)	0.1 (0.1-0.1)	1 (0.7-1.3)	95	32	103	31	98	17
Wandsworth	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.4 (0.2-0.5)	0 (0-0)	0.3 (0.2-0.5)	0.1 (0.1-0.1)	0.4 (0.3-0.6)	0.1 (0.1-0.1)	0.5 (0.3-0.7)	0.1 (0.1-0.1)	0.6 (0.4-0.8)	98	58	106	53	102	31
Westminster	0.1 (0.1-0.1)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.3 (0.1-0.4)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.2 (0.1-0.4)	103	72	114	69	114	70
North East England	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	165	101	159	107	157	106
County Durham	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	166	131	161	139	159	137
Darlington	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	157	130	155	137	153	134
Gateshead	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	162	95	156	94	155	100
Hartlepool	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	160	132	156	136	155	130
Middlesbrough	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.4)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.1 (0.1-0.2)	160	86	154	89	155	90
Newcastle upon Tyne	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	162	67	156	67	154	66
North Tyneside	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.2)	160	83	154	88	156	86
Northumberland	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	169	128	163	141	160	133
Redcar and Cleveland	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	160	129	156	138	153	136
South Tyneside	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	162	130	158	137	156	130
Stockton-on-Tees	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	161	99	156	103	153	106
Sunderland	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	165	128	159	140	159	139
North West England	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	145	94	146	89	144	88
Blackburn with Darwen	0 (0-0)	0.2 (0.1-0.3)	0.1 (0-0.1)	0.2 (0.1-0.3)	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.2)	130	87	128	86	128	80
Blackpool	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	145	101	146	111	147	110
Bolton	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.2 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	160	78	156	81	155	77
Bury	0 (0-0)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	135	112	134	112	130	105
Cheshire East	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	156	112	154	115	150	110
Cheshire West and Chester	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	161	130	157	133	156	126
Cumbria	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	163	118	155	122	155	117
Halton	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	161	131	155	132	156	128
Knowsley	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	156	131	156	139	155	135
Lancashire	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	156	115	150	121	147	124
Liverpool	0 (0-0.1)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	131	73	134	71	135	64
Manchester	0.1 (0.1-0.1)	0.7 (0.5-0.9)	0.1 (0.1-0.1)	0.7 (0.5-1)	0 (0-0.1)	0.7 (0.5-0.9)	0.1 (0-0.1)	0.5 (0.4-0.6)	0.1 (0.1-0.1)	0.7 (0.5-0.9)	0 (0-0.1)	0.6 (0.4-0.9)	114	48	119	30	114	24

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
Oldham	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	135	119	136	118	126	114
Rochdale	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	160	133	158	138	155	134
Salford	0 (0-0)	0.6 (0.5-0.8)	0 (0-0)	0.6 (0.5-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.5 (0.3-0.6)	133	50	142	45	134	43
Sefton	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	149	132	143	134	143	134
St Helens	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	165	131	155	140	156	140
Stockport	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	145	98	149	105	145	96
Tameside	0 (0-0)	0.4 (0.2-0.5)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.4 (0.2-0.5)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	156	65	155	67	154	62
Trafford	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	150	132	148	135	148	121
Warrington	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	142	132	146	138	141	127
Wigan	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	163	89	157	96	157	99
Wirral	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	136	110	139	112	140	113
South East England	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	148	89	145	92	144	90
Bracknell Forest	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	132	124	141	130	134	124
Brighton and Hove	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	148	100	148	101	146	89
Buckinghamshire	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.3 (0.2-0.4)	155	75	152	77	149	63
East Sussex	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	154	126	154	133	147	122
Hampshire	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	158	88	156	91	154	89
Isle of Wight	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	166	130	161	136	161	126
Kent	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.2)	148	85	145	86	142	89
Medway	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	147	86	149	87	140	75
Milton Keynes	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.6 (0.4-0.7)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.5 (0.4-0.7)	141	39	143	41	142	38
Oxfordshire	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	140	80	140	85	136	81
Portsmouth	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	156	125	155	127	154	119
Reading	0 (0-0)	0 (0-0.1)	0 (0-0.1)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	122	124	121	134	123	126
Slough	0.1 (0.1-0.1)	0.3 (0.2-0.5)	0.1 (0.1-0.1)	0.3 (0.2-0.5)	0 (0-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.4 (0.2-0.5)	0 (0-0.1)	0.3 (0.2-0.4)	110	65	116	57	117	56
Southampton	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.2)	143	91	143	88	143	85
Surrey	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	152	94	148	96	149	92
West Berkshire	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	164	129	156	136	158	127
West Sussex	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	135	117	137	116	132	111

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
Windsor and Maidenhead	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	133	125	137	134	134	124
Wokingham	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	146	121	148	127	146	115
South West England	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	152	98	153	98	151	96
Bath and North East Somerset	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.4)	139	76	142	83	140	66
Boumemouth	0 (0-0)	0.4 (0.2-0.5)	0 (0-0)	0.4 (0.2-0.5)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.1 (0.1-0.2)	159	58	154	55	154	62
Bristol, City of	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.4 (0.3-0.6)	134	52	130	49	130	50
Cornwall	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	169	133	163	135	159	131
Devon	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	153	127	153	137	151	127
Dorset	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	162	128	157	134	157	122
Gloucestershire	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	139	102	143	105	138	99
North Somerset	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	159	127	156	136	156	127
Plymouth	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	160	125	156	131	155	124
Poole	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	144	122	143	131	144	124
Somerset	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	154	128	152	136	151	126
South Gloucestershire	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	161	85	155	94	156	83
Swindon	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	165	131	161	140	161	130
Torbay	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	163	131	160	137	156	133
Wiltshire	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	166	125	161	135	161	121
West Midlands	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	134	87	140	87	132	85
Birmingham	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.4 (0.3-0.6)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0.1 (0.1-0.1)	0.4 (0.3-0.6)	0.1 (0-0.1)	0.4 (0.3-0.5)	113	55	117	51	113	49
Coventry	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	132	67	138	71	130	66
Dudley	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.2)	134	79	135	79	133	90
Herefordshire, County of	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	162	132	160	138	159	134
Sandwell	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.4 (0.2-0.5)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	111	59	121	58	119	67
Shropshire	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	163	128	160	138	159	125
Solihull	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	149	93	140	95	143	93
Staffordshire	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	143	114	145	115	142	116
Stoke-on-Trent	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	168	131	163	138	162	137
Telford and Wrekin	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	162	57	157	65	156	61

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
Walsall	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	134	135	137	141	135	130
Warwickshire	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	155	132	151	136	148	132
Wolverhampton	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	109	98	115	105	119	99
Worcestershire	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	155	129	151	137	150	139
Yorkshire and the Humber	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	150	103	145	107	143	106
Bamsley	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	159	129	154	137	154	137
Bradford	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	142	95	141	99	135	98
Calderdale	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	161	130	157	136	155	130
Doncaster	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	169	134	164	141	161	138
East Riding of Yorkshire	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	164	129	159	136	162	128
Kingston upon Hull, City of	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.1 (0.1-0.2)	138	88	143	90	137	94
Kirklees	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	142	135	138	140	140	131
Leeds	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	132	76	133	76	132	80
North East Lincolnshire	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	159	130	155	136	152	133
North Lincolnshire	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	157	134	156	135	156	129
North Yorkshire	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	154	131	151	136	151	122
Rotherham	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	148	133	148	139	144	138
Sheffield	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	130	89	136	90	135	90
Wakefield	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	151	130	145	139	143	136
York	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	157	120	153	127	153	126
Northern Ireland	0 (0-0)	0.1 (0.1-0.2)	0.1 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	125	94	130	101	123	95
Scotland	0.1 (0-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	126	99	127	106	125	104
Wales	0 (0-0)	0.1 (0.1-0.2)	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	126	94	134	96	125	96
Latin America and Caribbean	0.2 (0.2-0.2)	0.3 (0.2-0.4)	0.2 (0.2-0.2)	0.3 (0.2-0.4)	0.2 (0.2-0.3)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	113	98	104	96	107	99
Andean Latin America	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	150	119	159	121	168	111
Bolivia (Plurinational State of)	0.1 (0-0.2)	0.1 (0.1-0.2)	0.1 (0-0.1)	0.1 (0.1-0.2)	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	134	126	132	117	149	121
Ecuador	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	187	118	179	121	165	112
Peru	0.1 (0-0.1)	0.1 (0.1-0.2)	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	145	109	149	118	167	106
Caribbean	1.1 (0.9-1.4)	2 (1.5-2.6)	1 (0.8-1.3)	2.1 (1.6-2.7)	1.1 (0.8-1.5)	2 (1.5-2.5)	0.4 (0.3-0.5)	0.7 (0.5-1)	0.2 (0.1-0.2)	0.4 (0.3-0.5)	0.4 (0.3-0.5)	0.7 (0.5-1)	50	29	49	28	53	35

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
Antigua and Barbuda	2 (1.9-2.1)	1.3 (1-1.8)	1.5 (1.4-1.6)	1.3 (1-1.8)	1.9 (1.7-2.1)	1.2 (0.9-1.7)	1.2 (1.2-1.3)	0.8 (0.6-1.1)	1.1 (1-1.1)	0.9 (0.7-1.2)	1.2 (1.1-1.3)	0.8 (0.6-1)	22	31	28	31	22	35
Bahamas	2 (1.8-2.3)	2.5 (1.8-3.4)	1.9 (1.7-2.1)	2.5 (1.8-3.5)	2 (1.6-2.5)	2.5 (1.8-3.5)	0.6 (0.5-0.6)	0.7 (0.5-0.9)	0.6 (0.6-0.6)	0.8 (0.6-1.1)	0.5 (0.4-0.6)	0.7 (0.5-1)	36	27	34	27	33	30
Barbados	1.3 (1.2-1.5)	1.3 (1-1.8)	1.1 (1-1.2)	1.3 (1-1.8)	0.8 (0.6-1.1)	1.4 (1-1.8)	0.6 (0.6-0.7)	0.6 (0.5-0.8)	0.6 (0.6-0.6)	0.7 (0.5-1)	0.5 (0.5-0.6)	0.9 (0.6-1.2)	38	38	45	40	47	30
Belize	0.6 (0.6-0.7)	2.2 (1.6-3.1)	0.6 (0.5-0.7)	2.1 (1.6-3)	0.6 (0.6-0.7)	2 (1.4-2.8)	0.2 (0.2-0.3)	0.9 (0.6-1.2)	0.2 (0.2-0.3)	0.9 (0.6-1.2)	0.3 (0.2-0.3)	0.9 (0.6-1.2)	61	25	66	26	60	26
Bermuda	1 (0.9-1.1)	0.9 (0.7-1.2)	0.7 (0.7-0.8)	0.9 (0.7-1.2)	0.8 (0.7-1)	0.9 (0.7-1.3)	0.6 (0.6-0.7)	0.6 (0.4-0.8)	0.7 (0.6-0.7)	0.8 (0.6-1.1)	0.6 (0.5-0.7)	0.7 (0.5-1)	34	37	36	28	35	30
Cuba	0.4 (0.4-0.4)	0.4 (0.3-0.5)	0.3 (0.3-0.3)	0.4 (0.3-0.5)	0.4 (0.3-0.4)	0.5 (0.3-0.6)	0.3 (0.3-0.3)	0.3 (0.2-0.3)	0.3 (0.2-0.3)	0.3 (0.2-0.4)	0.2 (0.2-0.2)	0.2 (0.2-0.3)	70	73	78	66	67	62
Dominica	0.9 (0.6-1.2)	1.5 (1-2)	0.9 (0.7-1.2)	1.4 (1-2)	0.9 (0.6-1.2)	1.4 (1-1.9)	0.6 (0.4-0.8)	1 (0.7-1.3)	0.6 (0.4-0.7)	0.8 (0.6-1.1)	0.4 (0.3-0.6)	0.7 (0.5-0.9)	40	31	44	33	49	33
Dominican Republic	0.8 (0.5-1)	2.4 (1.8-3.2)	0.7 (0.5-0.9)	2.4 (1.8-3.2)	0.6 (0.5-0.8)	2.2 (1.6-2.9)	0.3 (0.2-0.4)	1.1 (0.8-1.4)	0.3 (0.3-0.4)	1.1 (0.8-1.5)	0.3 (0.2-0.4)	1 (0.7-1.4)	53	18	55	18	63	22
Grenada	2.5 (2.3-2.7)	1.7 (1.2-2.4)	2.6 (2.4-2.7)	1.6 (1.1-2.2)	2.7 (2.3-3.2)	1.5 (1.1-2.1)	1.3 (1.2-1.4)	0.9 (0.6-1.2)	1.3 (1.3-1.4)	0.8 (0.6-1.1)	1.1 (0.8-1.4)	0.6 (0.4-0.9)	20	27	19	34	18	33
Guyana	2.3 (1.9-2.6)	1.8 (1.3-2.4)	2.1 (1.9-2.4)	1.9 (1.4-2.6)	2.1 (1.6-2.7)	1.7 (1.2-2.4)	0.5 (0.5-0.6)	0.4 (0.3-0.6)	0.5 (0.5-0.6)	0.5 (0.3-0.6)	0.5 (0.3-0.6)	0.4 (0.2-0.6)	36	45	38	42	33	45
Haiti	2.5 (1.4-3.7)	3.7 (2.8-5)	2.2 (1.4-3.3)	3.4 (2.5-4.6)	2 (1.2-3.4)	2.9 (2.1-3.8)	0.4 (0.3-0.6)	0.6 (0.5-0.9)	0.1 (0.1-0.2)	0.2 (0.1-0.3)	0.4 (0.3-0.7)	0.6 (0.5-1)	37	29	37	28	44	38
Jamaica	1.7 (1.6-1.8)	4.2 (3.5-5.3)	1.2 (1.1-1.3)	4.2 (3.5-5.3)	1.4 (1-1.8)	3 (2.4-3.9)	0.9 (0.8-1)	2.3 (1.8-2.8)	0.8 (0.8-0.9)	2.9 (2.4-3.6)	0.7 (0.6-0.9)	1.6 (1.2-2.1)	22	9	22	6	26	14
Puerto Rico	0.2 (0.2-0.2)	1.4 (1-1.9)	0.2 (0.2-0.2)	1.4 (1-1.9)	0.2 (0.2-0.3)	1.3 (0.9-1.7)	0.1 (0.1-0.1)	0.7 (0.5-0.9)	0.1 (0.1-0.1)	0.8 (0.6-1.1)	0.1 (0.1-0.2)	0.8 (0.6-1.1)	102	35	102	27	96	27
Saint Kitts and Nevis	1.6 (1.4-1.9)	1.5 (1.1-2)	0.9 (0.7-1.1)	1.4 (1-1.9)	1.2 (0.9-1.4)	1.2 (0.9-1.7)	0.7 (0.7-0.8)	0.7 (0.5-0.9)	0.5 (0.4-0.6)	0.8 (0.6-1.1)	0.6 (0.5-0.7)	0.6 (0.4-0.9)	33	37	35	23	33	31
Saint Lucia	2.2 (2.1-2.3)	1.8 (1.3-2.5)	2 (1.9-2.1)	1.7 (1.2-2.3)	2 (1.7-2.3)	1.4 (1-1.9)	1.1 (1-1.1)	0.9 (0.6-1.2)	0.9 (0.9-1)	0.8 (0.6-1)	0.8 (0.6-0.9)	0.6 (0.4-0.8)	26	32	28	37	29	41
Saint Vincent and the Grenadines	2.1 (2-2.3)	1.8 (1.3-2.5)	1.8 (1.7-2)	1.7 (1.2-2.3)	2.2 (1.9-2.5)	1.5 (1.1-2.1)	0.8 (0.8-0.9)	0.7 (0.5-1)	0.7 (0.7-0.8)	0.7 (0.5-0.9)	0.8 (0.7-0.9)	0.6 (0.4-0.8)	31	36	32	39	29	40
Suriname	0.7 (0.5-0.9)	1.8 (1.2-2.4)	0.7 (0.5-0.9)	1.6 (1.1-2.2)	0.6 (0.4-0.7)	1.6 (1.1-2.2)	0.2 (0.2-0.3)	0.6 (0.5-0.9)	0.3 (0.2-0.3)	0.6 (0.4-0.8)	0.2 (0.1-0.3)	0.5 (0.3-0.8)	68	32	72	34	74	34
Trinidad and Tobago	1.4 (1.3-1.5)	1.8 (1.3-2.5)	1.2 (1.2-1.3)	1.5 (1.1-2.1)	1.2 (1-1.5)	1.4 (1-1.9)	0.5 (0.5-0.6)	0.7 (0.5-0.9)	0.5 (0.5-0.5)	0.6 (0.4-0.8)	0.4 (0.3-0.4)	0.4 (0.3-0.6)	36	28	40	32	45	41
United States Virgin Islands	0.5 (0.4-0.7)	1.6 (1.1-2.1)	0.5 (0.3-0.7)	1.5 (1-2)	0.5 (0.4-0.9)	1.5 (1-2)	0.2 (0.1-0.3)	0.6 (0.4-0.8)	0.2 (0.1-0.3)	0.5 (0.4-0.7)	0.2 (0.1-0.3)	0.5 (0.3-0.7)	81	36	78	40	78	44
Central Latin America	0.1 (0.1-0.1)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	153	152	154	171	152	173
Colombia	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	121	183	124	178	110	180
Costa Rica	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	122	190	125	188	118	191
El Salvador	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	192	200	194	202	197
Guatemala	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	192	202	188	198	190	197
Honduras	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	205	205	205	207	207
Mexico	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	180	160	180	165	179	164
Aguascalientes	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	192	188	191	186	187	190
Baja California	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	181	163	180	163	178	161
Baja California Sur	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	168	129	167	130	160	138

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
Campeche	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	176	131	178	133	164	139
Chiapas	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	174	157	177	154	167	155
Chihuahua	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	175	182	180	180	179
Coahuila	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	164	185	168	184	168
Colima	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	172	167	176	166	164	166
Durango	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	167	188	168	186	167
Guanajuato	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	170	185	167	180	175
Guerrero	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	170	122	173	130	163	130
Hidalgo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	185	173	182	173	182	175
Jalisco	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	181	168	183	164	178	168
México	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	183	182	179	183	181
Mexico City	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	184	167	182	166	182	171
Michoacán de Ocampo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	169	180	168	179	172
Morelos	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	180	166	181	167	178	170
Nayarit	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	185	155	182	164	181	160
Nuevo León	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	137	181	143	177	155
Oaxaca	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	175	135	175	138	171	139
Puebla	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	185	175	180	175	179	179
Querétaro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	195	184	190	183	191
Quintana Roo	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	175	138	171	139	168	144
San Luis Potosí	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	169	183	169	180	168
Sinaloa	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	190	145	186	156	183	155
Sonora	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	163	188	164	184	169
Tabasco	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	162	97	164	103	150	117
Tamaulipas	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	175	115	179	126	170	131
Tlaxcala	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	184	169	182	172	180	176
Veracruz de Ignacio de la Llave	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	170	145	171	147	161	148
Yucatán	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	181	133	179	130	174	141
Zacatecas	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	186	186	188	182	190

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
Nicaragua	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	196	195	192	198	192
Panama	0.5 (0.4-0.5)	0 (0-0)	0.4 (0.4-0.4)	0 (0-0)	0.4 (0.3-0.4)	0 (0-0)	0.3 (0.3-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	57	188	64	189	65	189
Venezuela (Bolivarian Republic of)	0.1 (0.1-0.2)	0.3 (0.2-0.4)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	116	81	115	125	117	137
Tropical Latin America	0.2 (0.2-0.2)	0.2 (0.2-0.3)	0.3 (0.3-0.3)	0.2 (0.2-0.3)	0.3 (0.3-0.3)	0.3 (0.2-0.3)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	105	101	96	102	97	101
Brazil	0.2 (0.2-0.2)	0.2 (0.2-0.3)	0.3 (0.3-0.3)	0.2 (0.2-0.3)	0.3 (0.3-0.3)	0.3 (0.2-0.3)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	104	102	96	102	96	101
Acre	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.2 (0.2-0.2)	0.2 (0.1-0.2)	0.2 (0.2-0.2)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	120	113	100	110	102	106
Alagoas	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0-0.1)	0.2 (0.2-0.2)	0.1 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	115	134	99	143	99	145
Amapá	0.1 (0.1-0.2)	0.1 (0-0.1)	0.2 (0.2-0.3)	0.1 (0-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0.1)	113	134	98	140	97	134
Amazonas	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	134	122	122	128	114	126
Bahia	0.3 (0.3-0.4)	0.2 (0.2-0.3)	0.6 (0.5-0.6)	0.2 (0.2-0.3)	0.7 (0.6-0.7)	0.3 (0.3-0.4)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.2)	85	99	65	100	57	95
Ceará	0.1 (0.1-0.1)	0 (0-0.1)	0.2 (0.1-0.2)	0.1 (0-0.1)	0.2 (0.2-0.2)	0.1 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	123	146	109	147	110	140
Distrito Federal	0.4 (0.3-0.4)	0.8 (0.6-1)	0.4 (0.4-0.5)	0.7 (0.6-0.9)	0.3 (0.3-0.3)	0.7 (0.6-0.9)	0.2 (0.2-0.2)	0.4 (0.3-0.5)	0.2 (0.2-0.3)	0.4 (0.3-0.5)	0.2 (0.2-0.2)	0.4 (0.3-0.5)	79	48	66	46	70	38
Espírito Santo	0.3 (0.2-0.3)	0.3 (0.2-0.4)	0.4 (0.4-0.4)	0.3 (0.3-0.4)	0.3 (0.3-0.4)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.2 (0.1-0.2)	100	91	78	88	85	76
Goiás	0.2 (0.2-0.3)	0.2 (0.2-0.3)	0.4 (0.3-0.4)	0.2 (0.2-0.3)	0.4 (0.3-0.4)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	97	96	82	98	83	98
Maranhão	0.3 (0.3-0.4)	0.1 (0.1-0.2)	0.3 (0.3-0.3)	0.1 (0.1-0.2)	0.4 (0.4-0.5)	0.1 (0.1-0.2)	0.2 (0.2-0.2)	0.1 (0-0.1)	0.2 (0.2-0.2)	0.1 (0-0.1)	0.2 (0.2-0.2)	0.1 (0-0.1)	78	125	85	123	78	130
Mato Grosso	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.3 (0.3-0.3)	0.1 (0.1-0.1)	0.3 (0.3-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	105	129	93	129	94	126
Mato Grosso do Sul	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	0.2 (0.2-0.2)	0.2 (0.1-0.2)	0 (0-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	126	116	111	120	112	114
Minas Gerais	0.3 (0.2-0.3)	0.3 (0.2-0.3)	0.4 (0.4-0.4)	0.3 (0.2-0.3)	0.4 (0.4-0.5)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	99	98	78	98	75	95
Pará	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0.1)	119	125	100	132	101	127
Paraíba	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	117	120	109	124	106	124
Paraná	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	131	134	115	136	114	130
Pernambuco	0.2 (0.1-0.2)	0.1 (0-0.1)	0.2 (0.2-0.3)	0.1 (0-0.1)	0.3 (0.2-0.3)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	114	152	99	147	97	144
Piauí	0.3 (0.3-0.4)	0.3 (0.2-0.4)	0.5 (0.4-0.6)	0.3 (0.2-0.3)	0.5 (0.5-0.6)	0.3 (0.3-0.4)	0.2 (0.2-0.2)	0.2 (0.1-0.2)	0.2 (0.2-0.3)	0.1 (0.1-0.2)	0.2 (0.2-0.3)	0.1 (0.1-0.2)	80	82	62	92	64	88
Rio de Janeiro	0.3 (0.3-0.4)	0.5 (0.4-0.6)	0.5 (0.4-0.5)	0.5 (0.4-0.6)	0.5 (0.5-0.5)	0.5 (0.4-0.6)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.2 (0.2-0.2)	0.2 (0.2-0.2)	0.2 (0.2-0.2)	0.2 (0.1-0.2)	98	84	74	73	75	75
Rio Grande do Norte	0.1 (0.1-0.1)	0.1 (0-0.1)	0.2 (0.1-0.2)	0.1 (0-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	114	134	103	140	106	142
Rio Grande do Sul	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	124	127	115	127	111	121
Rondônia	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.2 (0.2-0.2)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	0.2 (0.1-0.3)	0 (0-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	127	104	106	108	104	92
Roraima	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.2 (0.2-0.3)	0.1 (0.1-0.2)	0.3 (0.2-0.4)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	133	100	118	100	112	91
Santa Catarina	0.1 (0-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	138	142	125	140	124	136

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
São Paulo	0.2 (0.2-0.2)	0.4 (0.3-0.5)	0.2 (0.2-0.3)	0.4 (0.3-0.5)	0.3 (0.3-0.3)	0.5 (0.4-0.6)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	110	88	97	80	98	76
Sergipe	0.2 (0.2-0.3)	0.2 (0.1-0.2)	0.3 (0.3-0.4)	0.2 (0.1-0.2)	0.3 (0.3-0.4)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	99	106	91	107	86	102
Tocantins	0.2 (0.2-0.3)	0.3 (0.3-0.5)	0.4 (0.3-0.4)	0.4 (0.3-0.4)	0.4 (0.3-0.4)	0.5 (0.4-0.6)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.2 (0.2-0.2)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	91	81	81	84	75	68
Paraguay	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.3 (0.3-0.5)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0-0.1)	0.2 (0.2-0.3)	0.1 (0-0.1)	0.2 (0.2-0.3)	0 (0-0.1)	0.2 (0.1-0.2)	124	72	124	77	126	76
North Africa and Middle East	0.4 (0.3-0.5)	3.2 (2.6-3.9)	0.3 (0.3-0.4)	3 (2.5-3.7)	0.3 (0.2-0.4)	2.1 (1.7-2.7)	0.2 (0.2-0.3)	1.8 (1.4-2.1)	0.2 (0.2-0.3)	1.9 (1.5-2.4)	0.1 (0.1-0.2)	1 (0.8-1.2)	71	12	72	10	74	19
North Africa and Middle East	0.4 (0.3-0.5)	3.2 (2.6-3.9)	0.3 (0.3-0.4)	3 (2.5-3.7)	0.3 (0.2-0.4)	2.1 (1.7-2.7)	0.2 (0.2-0.3)	1.8 (1.4-2.1)	0.2 (0.2-0.3)	1.9 (1.5-2.4)	0.1 (0.1-0.2)	1 (0.8-1.2)	71	12	72	10	74	19
Afghanistan	1.3 (0.8-2.2)	1.8 (1.3-2.4)	1.1 (0.6-1.7)	1.8 (1.3-2.5)	1 (0.6-1.6)	1.8 (1.3-2.5)	0.2 (0.2-0.4)	0.3 (0.2-0.5)	0.2 (0.2-0.4)	0.4 (0.3-0.6)	0.2 (0.1-0.3)	0.3 (0.2-0.4)	59	55	66	52	69	46
Algeria	0.1 (0.1-0.2)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0-0.1)	0.2 (0.2-0.3)	0.1 (0-0.1)	0.1 (0.1-0.2)	0.1 (0-0.1)	0.2 (0.1-0.2)	0 (0-0.1)	0.1 (0.1-0.2)	106	76	112	71	123	71
Bahrain	3.6 (3-4.2)	17.6 (13.2-23.4)	2.5 (2-2.9)	14.2 (10.2-19.3)	1.9 (1.5-2.3)	16.3 (11.7-22.4)	2 (1.6-2.3)	9.6 (7.2-12.6)	2.6 (2.1-3)	14.9 (10.7-20.1)	1.2 (0.9-1.5)	10.3 (7.1-14.9)	8	4	7	1	10	3
Egypt	0.2 (0.1-0.2)	2 (1.7-2.5)	0.2 (0.2-0.3)	2 (1.7-2.5)	0.2 (0.1-0.3)	2.1 (1.7-2.5)	0.1 (0.1-0.1)	1.2 (1-1.5)	0.1 (0.1-0.2)	1.3 (1.1-1.6)	0.1 (0.1-0.1)	1 (0.8-1.4)	91	18	73	16	78	16
Iran (Islamic Republic of)	0.4 (0.3-0.5)	2.9 (2.1-4)	0.3 (0.2-0.4)	3.1 (2.2-4.2)	0.2 (0.2-0.3)	2.2 (1.6-3.1)	0.3 (0.2-0.3)	2 (1.4-2.7)	0.2 (0.2-0.3)	2.3 (1.6-3.1)	0.1 (0.1-0.2)	1.2 (0.9-1.6)	53	9	63	8	65	12
Alborz	0.2 (0.1-0.3)	2.8 (2-3.8)	0.1 (0.1-0.2)	2.9 (2.1-4)	0.1 (0.1-0.2)	2.2 (1.6-3)	0.2 (0.1-0.2)	2.1 (1.5-3)	0.1 (0.1-0.2)	2.5 (1.8-3.4)	0.1 (0-0.1)	1.2 (0.9-1.7)	70	10	84	9	90	12
Ardebil	0.2 (0.1-0.3)	2.7 (1.9-3.8)	0.1 (0.1-0.2)	2.9 (2.1-4)	0.1 (0.1-0.2)	2.2 (1.6-3.1)	0.2 (0.1-0.2)	2.4 (1.7-3.1)	0.1 (0.1-0.2)	2.8 (2.1-3.8)	0.1 (0-0.1)	1.1 (0.8-1.5)	73	8	86	6	86	13
Bushehr	0.5 (0.3-0.7)	3 (2.1-4.1)	0.4 (0.2-0.5)	3.2 (2.3-4.4)	0.3 (0.2-0.4)	2.3 (1.7-3.3)	0.4 (0.2-0.5)	2.5 (1.8-3.3)	0.3 (0.2-0.4)	2.7 (2-3.8)	0.2 (0.1-0.2)	1.4 (1-2)	32	8	44	7	47	9
Chahar Mahaal and Bakhtiari	0.3 (0.2-0.4)	2.8 (2-3.9)	0.2 (0.2-0.3)	3 (2.2-4.1)	0.2 (0.1-0.2)	2.3 (1.6-3.1)	0.3 (0.2-0.4)	2.5 (1.8-3.3)	0.2 (0.2-0.3)	3.1 (2.2-4.2)	0.1 (0.1-0.1)	1.6 (1.1-2.2)	41	7	56	6	64	8
East Azarbaijejan	0.2 (0.1-0.4)	3 (2.1-4.1)	0.1 (0.1-0.2)	3.1 (2.3-4.3)	0.1 (0.1-0.2)	2.3 (1.6-3.2)	0.1 (0.1-0.2)	1.9 (1.4-2.6)	0.1 (0.1-0.2)	2.1 (1.5-2.8)	0.1 (0-0.1)	1.2 (0.8-1.6)	79	8	91	8	99	12
Fars	0.8 (0.4-1)	3.4 (2.4-4.7)	0.6 (0.4-0.7)	3.4 (2.5-4.7)	0.4 (0.2-0.5)	2.5 (1.8-3.5)	0.4 (0.2-0.5)	1.8 (1.3-2.4)	0.3 (0.2-0.4)	1.9 (1.4-2.7)	0.2 (0.1-0.2)	1.1 (0.8-1.5)	33	10	45	10	51	13
Gilan	0.4 (0.2-0.5)	3 (2.1-4.2)	0.3 (0.2-0.4)	3.1 (2.2-4.3)	0.3 (0.2-0.3)	2.3 (1.6-3.2)	0.3 (0.2-0.4)	2 (1.4-3)	0.2 (0.1-0.3)	2.2 (1.6-3.1)	0.1 (0.1-0.2)	1.2 (0.8-1.6)	46	10	55	8	57	12
Golestan	0.5 (0.3-0.8)	3.2 (2.3-4.4)	0.4 (0.2-0.5)	3.3 (2.4-4.6)	0.4 (0.2-0.5)	2.5 (1.8-3.4)	0.3 (0.2-0.4)	1.8 (1.3-2.5)	0.3 (0.2-0.3)	2.1 (1.5-2.9)	0.2 (0.1-0.2)	1 (0.7-1.4)	47	9	54	9	56	13
Hamadan	0.2 (0.2-0.4)	3.1 (2.3-4.3)	0.2 (0.2-0.3)	3.2 (2.3-4.5)	0.2 (0.1-0.2)	2.4 (1.7-3.3)	0.1 (0.1-0.2)	1.9 (1.4-2.6)	0.1 (0.1-0.2)	1.8 (1.2-2.4)	0.1 (0.1-0.1)	1.2 (0.9-1.6)	64	9	80	10	85	13
Hormozgan	0.8 (0.3-1.2)	3.1 (2.2-4.2)	0.7 (0.2-0.9)	3.1 (2.2-4.4)	0.6 (0.2-0.8)	2.3 (1.6-3.2)	0.5 (0.2-0.7)	1.9 (1.3-2.6)	0.4 (0.1-0.6)	2 (1.4-2.7)	0.3 (0.1-0.4)	1.2 (0.8-1.6)	34	9	36	6	42	11
Ilam	0.3 (0.2-0.4)	3 (2.1-4.1)	0.3 (0.3-0.4)	3.1 (2.2-4.3)	0.3 (0.2-0.3)	2.4 (1.7-3.3)	0.3 (0.2-0.3)	2.2 (1.6-3.1)	0.2 (0.2-0.3)	2.1 (1.5-2.9)	0.1 (0.1-0.2)	1.2 (0.9-1.6)	52	9	51	7	63	10
Isfahan	0.3 (0.2-0.4)	2.9 (2-4)	0.2 (0.1-0.2)	3 (2.1-4.2)	0.1 (0.1-0.2)	2.2 (1.6-3.1)	0.2 (0.2-0.3)	2.3 (1.6-3)	0.2 (0.1-0.2)	2.5 (1.8-3.4)	0.1 (0.1-0.1)	1.2 (0.9-1.7)	56	8	72	7	79	10
Kerman	0.6 (0.4-0.8)	3.1 (2.2-4.4)	0.4 (0.3-0.5)	3.2 (2.3-4.4)	0.3 (0.2-0.4)	2.4 (1.7-3.2)	0.3 (0.2-0.4)	1.6 (1.1-2.1)	0.3 (0.2-0.3)	2.1 (1.5-2.8)	0.2 (0.1-0.2)	1.2 (0.9-1.6)	44	9	52	9	56	12
Kermanshah	0.4 (0.3-0.5)	3.4 (2.4-4.7)	0.3 (0.2-0.4)	3.5 (2.5-4.8)	0.2 (0.2-0.3)	2.6 (1.8-3.6)	0.2 (0.1-0.2)	1.6 (1.1-2.2)	0.2 (0.1-0.2)	1.8 (1.3-2.4)	0.1 (0.1-0.1)	1.1 (0.8-1.5)	60	12	72	11	79	14
Khorasan-e-Razavi	0.3 (0.2-0.4)	3 (2.2-4.2)	0.2 (0.1-0.3)	3.2 (2.3-4.5)	0.1 (0.1-0.2)	2.3 (1.7-3.1)	0.2 (0.1-0.2)	1.7 (1.2-2.4)	0.1 (0.1-0.2)	2.1 (1.5-2.9)	0.1 (0.1-0.1)	1.2 (0.8-1.6)	65	9	81	11	85	12
Khuzestan	0.7 (0.4-1)	3.2 (2.3-4.5)	0.6 (0.3-0.7)	3.4 (2.4-4.6)	0.4 (0.3-0.6)	2.5 (1.8-3.4)	0.5 (0.2-0.6)	2.1 (1.5-2.9)	0.4 (0.2-0.5)	2.3 (1.7-3.2)	0.2 (0.1-0.3)	1.2 (0.9-1.7)	39	10	42	10	48	13
Kohgiluyeh and Boyer-Ahmad	0.9 (0.6-1.2)	3.3 (2.4-4.5)	0.7 (0.4-0.9)	3.5 (2.5-4.8)	0.6 (0.4-0.7)	2.5 (1.8-3.5)	0.5 (0.3-0.7)	1.9 (1.4-2.6)	0.4 (0.3-0.6)	2.2 (1.6-3)	0.3 (0.2-0.4)	1.3 (0.9-1.6)	30	9	38	7	40	12
Kurdistan	0.1 (0.1-0.3)	2.9 (2.1-4)	0.1 (0.1-0.2)	3 (2.2-4.2)	0.1 (0.1-0.2)	2.3 (1.6-3.1)	0.1 (0.1-0.2)	2.1 (1.5-3)	0.1 (0-0.1)	2.1 (1.5-2.9)	0 (0-0.1)	1.3 (0.9-1.7)	83	9	99	7	101	9

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
Lorestan	0.4 (0.2-0.5)	3 (2.1-4.2)	0.3 (0.2-0.3)	3.1 (2.2-4.2)	0.2 (0.2-0.3)	2.4 (1.7-3.3)	0.3 (0.2-0.4)	2.2 (1.6-3)	0.2 (0.2-0.3)	2.6 (1.9-3.5)	0.1 (0.1-0.1)	1.1 (0.8-1.6)	52	7	58	7	62	10
Markazi	0.2 (0.2-0.4)	3 (2.1-4.2)	0.2 (0.1-0.2)	3.2 (2.2-4.4)	0.1 (0.1-0.2)	2.3 (1.6-3.2)	0.1 (0.1-0.2)	1.8 (1.2-2.4)	0.1 (0.1-0.2)	2.2 (1.6-3.1)	0.1 (0-0.1)	1.3 (0.9-1.8)	69	10	84	8	91	10
Mazandaran	0.5 (0.2-0.7)	2.8 (2-3.9)	0.4 (0.2-0.5)	3 (2.1-4.1)	0.3 (0.1-0.4)	2.2 (1.5-3)	0.4 (0.2-0.5)	2.2 (1.5-2.9)	0.3 (0.1-0.4)	2.3 (1.7-3.1)	0.2 (0.1-0.2)	1.2 (0.8-1.6)	38	9	42	7	47	12
North Khorasan	0.2 (0.1-0.3)	3.1 (2.2-4.3)	0.1 (0.1-0.2)	3.2 (2.3-4.4)	0.1 (0.1-0.2)	2.3 (1.6-3.2)	0.1 (0.1-0.2)	1.8 (1.3-2.4)	0.1 (0.1-0.2)	2.3 (1.6-3)	0.1 (0-0.1)	1.1 (0.8-1.6)	93	12	94	8	96	13
Qazvin	0.2 (0.1-0.3)	2.8 (2-3.9)	0.1 (0.1-0.2)	3 (2.1-4.1)	0.1 (0.1-0.1)	2.3 (1.6-3.1)	0.1 (0.1-0.2)	2.1 (1.4-2.9)	0.1 (0.1-0.1)	2.6 (1.9-3.6)	0.1 (0-0.1)	1.3 (0.9-1.8)	80	9	95	7	101	12
Qom	0.2 (0.2-0.3)	2.7 (1.9-3.8)	0.2 (0.1-0.2)	2.9 (2-3.9)	0.1 (0.1-0.2)	2.1 (1.5-3)	0.2 (0.1-0.2)	2 (1.4-2.7)	0.1 (0.1-0.2)	2.5 (1.8-3.4)	0.1 (0-0.1)	1.3 (0.9-1.8)	71	10	80	7	87	10
Semnan	0.3 (0.2-0.4)	2.8 (2-3.8)	0.2 (0.1-0.2)	2.9 (2.1-4)	0.1 (0.1-0.2)	2.1 (1.5-3)	0.2 (0.1-0.3)	2 (1.4-2.8)	0.2 (0.1-0.2)	2.6 (1.9-3.6)	0.1 (0.1-0.1)	1.3 (1-1.8)	56	8	73	6	72	8
Sistan and Baluchistan	0.8 (0.4-1.1)	3.3 (2.3-4.5)	0.8 (0.3-1)	3.3 (2.4-4.6)	0.7 (0.3-1)	2.4 (1.7-3.3)	0.4 (0.2-0.6)	1.8 (1.2-2.5)	0.4 (0.2-0.5)	1.8 (1.3-2.4)	0.3 (0.1-0.4)	1 (0.7-1.4)	38	11	44	14	49	18
South Khorasan	0.1 (0.1-0.2)	2.7 (1.9-3.6)	0.1 (0.1-0.2)	2.8 (2-3.9)	0.1 (0.1-0.1)	2 (1.5-2.9)	0.1 (0.1-0.2)	2.4 (1.7-3.2)	0.1 (0.1-0.2)	2.3 (1.7-3.2)	0.1 (0-0.1)	1.3 (0.9-1.8)	86	7	96	8	98	9
Tehran	0.5 (0.2-0.7)	2.5 (1.8-3.3)	0.3 (0.1-0.4)	2.6 (1.8-3.5)	0.2 (0.1-0.3)	1.9 (1.4-2.7)	0.5 (0.2-0.7)	2.5 (1.9-3.5)	0.4 (0.2-0.5)	3.1 (2.2-4.1)	0.2 (0.1-0.2)	1.3 (0.9-1.8)	44	10	60	7	61	10
West Azarbajejan	0.2 (0.2-0.4)	3 (2.1-4.1)	0.1 (0.1-0.2)	3.1 (2.2-4.3)	0.1 (0.1-0.2)	2.2 (1.6-3.1)	0.1 (0.1-0.2)	1.8 (1.3-2.4)	0.1 (0.1-0.2)	2.3 (1.7-3.1)	0.1 (0-0.1)	1.1 (0.8-1.6)	70	12	82	8	87	11
Yazd	0.2 (0.1-0.3)	2.8 (2-3.9)	0.2 (0.1-0.2)	2.9 (2.1-4)	0.1 (0.1-0.1)	2.2 (1.5-3)	0.1 (0.1-0.2)	2.1 (1.5-2.8)	0.1 (0.1-0.2)	2.2 (1.6-3.1)	0.1 (0-0.1)	1.2 (0.9-1.7)	73	9	85	10	92	9
Zanjan	0.1 (0.1-0.2)	2.6 (1.9-3.7)	0.1 (0.1-0.2)	2.8 (2-3.9)	0.1 (0-0.1)	2.2 (1.6-3)	0.1 (0.1-0.2)	2 (1.4-2.7)	0.1 (0.1-0.1)	2.6 (1.9-3.6)	0 (0-0.1)	1.4 (1-1.9)	74	7	97	6	104	9
Iraq	0.6 (0.4-0.8)	2.2 (1.8-2.6)	0.4 (0.3-0.6)	2.2 (1.8-2.7)	0.3 (0.2-0.4)	2.2 (1.9-2.7)	0.3 (0.2-0.3)	1 (0.8-1.4)	0.2 (0.2-0.2)	1 (0.8-1.4)	0.1 (0.1-0.2)	1.1 (0.8-1.4)	61	23	65	21	73	19
Jordan	0.4 (0.2-0.5)	1.1 (0.8-1.5)	0.2 (0.2-0.3)	1.2 (0.9-1.6)	0.2 (0.1-0.2)	1.2 (0.9-1.7)	0.3 (0.2-0.4)	1 (0.7-1.4)	0.3 (0.2-0.3)	1.4 (1-1.9)	0.1 (0.1-0.2)	1 (0.7-1.4)	59	28	60	22	69	19
Kuwait	0.3 (0.2-0.3)	0.8 (0.6-1)	0.1 (0.1-0.2)	0.8 (0.6-1)	0.1 (0.1-0.1)	0.8 (0.6-1)	0.2 (0.2-0.3)	0.7 (0.5-0.9)	0.2 (0.2-0.2)	1 (0.8-1.3)	0.1 (0.1-0.1)	0.9 (0.6-1.2)	55	30	67	19	78	18
Lebanon	0.4 (0.3-0.5)	1.1 (0.8-1.4)	0.3 (0.2-0.3)	1.1 (0.9-1.5)	0.2 (0.2-0.3)	1.2 (0.9-1.5)	0.3 (0.3-0.4)	1 (0.8-1.4)	0.3 (0.3-0.4)	1.3 (1-1.7)	0.1 (0.1-0.2)	0.7 (0.5-1)	59	26	60	19	67	19
Libya	0.5 (0.4-0.8)	6.2 (4.9-7.9)	0.5 (0.4-0.8)	6.2 (4.8-7.8)	0.6 (0.4-0.9)	6.3 (5-8)	0.3 (0.3-0.5)	4.1 (3.1-5.3)	0.3 (0.2-0.4)	3.4 (2.6-4.3)	0.2 (0.2-0.3)	2.5 (2-3.5)	56	5	59	5	63	7
Morocco	0.2 (0.1-0.3)	0.3 (0.2-0.3)	0.1 (0.1-0.2)	0.3 (0.2-0.3)	0.1 (0.1-0.2)	0.3 (0.2-0.3)	0.1 (0-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0-0.1)	0.2 (0.1-0.2)	93	73	97	65	107	63
Oman	0.8 (0.6-1)	5.2 (4.3-6.2)	0.7 (0.5-0.9)	5.2 (4.2-6.2)	0.4 (0.3-0.5)	6 (4.6-7.6)	0.5 (0.4-0.6)	3.2 (2.5-4.2)	0.5 (0.4-0.6)	3.6 (2.9-4.3)	0.2 (0.2-0.3)	3.3 (2.5-4.2)	28	4	26	4	37	6
Palestine	0.2 (0.1-0.2)	1.1 (0.8-1.4)	0.1 (0.1-0.2)	1.1 (0.8-1.5)	0.1 (0.1-0.2)	1.1 (0.8-1.5)	0.1 (0.1-0.1)	0.5 (0.3-0.6)	0.1 (0.1-0.2)	1 (0.7-1.4)	0.1 (0.1-0.1)	0.9 (0.6-1.3)	68	22	78	19	80	22
Qatar	0.1 (0.1-0.2)	1.5 (1.1-2.1)	0.1 (0.1-0.1)	1.5 (1.1-2.1)	0.1 (0-0.1)	1.5 (1.1-2)	0.1 (0.1-0.1)	1 (0.7-1.3)	0.1 (0.1-0.1)	1.3 (0.9-1.7)	0.1 (0-0.1)	1.7 (1.1-2.4)	91	18	96	15	110	11
Saudi Arabia	1.1 (0.8-1.4)	25.1 (20.9-29.3)	0.9 (0.7-1.1)	17.9 (14.9-21.3)	0.9 (0.6-1.2)	5.8 (4.4-7.6)	0.5 (0.4-0.6)	12.9 (9.8-16.5)	0.4 (0.3-0.5)	8.1 (6.2-9.7)	0.4 (0.3-0.4)	2.4 (1.5-3.3)	35	2	39	3	42	8
Sudan	1 (0.7-1.6)	10 (7.7-12.7)	0.9 (0.5-1.5)	10 (7.7-12.6)	0.7 (0.4-1.2)	6.8 (5.1-8.9)	0.4 (0.3-0.5)	3.6 (2.5-4.9)	0.4 (0.3-0.6)	4.6 (3-6.7)	0.3 (0.2-0.5)	2.9 (1.9-4.1)	53	7	55	4	55	7
Syrian Arab Republic	0.2 (0.1-0.3)	0.2 (0.2-0.3)	0.2 (0.1-0.2)	0.2 (0.2-0.3)	0.1 (0.1-0.3)	0.2 (0.2-0.3)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	0.2 (0.2-0.3)	0.1 (0-0.1)	0.1 (0.1-0.2)	74	74	77	64	87	66
Tunisia	0.2 (0.1-0.3)	1.2 (0.9-1.7)	0.2 (0.1-0.3)	1.3 (1-1.7)	0.2 (0.1-0.3)	1.4 (1-1.8)	0.2 (0.1-0.2)	1 (0.7-1.4)	0.2 (0.1-0.2)	1.1 (0.7-1.7)	0.1 (0.1-0.2)	0.7 (0.5-1)	72	19	77	17	85	19
Türkiye	0.2 (0.1-0.3)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	0.2 (0.1-0.2)	0.3 (0.3-0.4)	0.1 (0.1-0.2)	0.5 (0.4-0.6)	0.1 (0-0.1)	0.3 (0.2-0.4)	87	55	103	47	109	51
United Arab Emirates	0.1 (0.1-0.2)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0-0.1)	0.5 (0.4-0.6)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0 (0-0.1)	0.4 (0.2-0.6)	105	55	100	50	118	44
Yemen	0.1 (0.1-0.2)	0.3 (0.2-0.3)	0.1 (0.1-0.2)	0.3 (0.2-0.3)	0.1 (0.1-0.2)	0.3 (0.2-0.3)	0 (0-0.1)	0.1 (0.1-0.2)	0.1 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	109	76	106	75	117	76

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
South Asia	0.2 (0.1-0.2)	3.5 (2.4-5)	0.1 (0.1-0.2)	3.5 (2.4-4.9)	0.1 (0.1-0.1)	3.2 (2.2-4.6)	0.1 (0-0.1)	1.1 (0.8-1.6)	0.1 (0-0.1)	1.4 (0.9-1.9)	0 (0-0)	1.3 (0.9-1.9)	119	23	124	18	139	15
South Asia	0.2 (0.1-0.2)	3.5 (2.4-5)	0.1 (0.1-0.2)	3.5 (2.4-4.9)	0.1 (0.1-0.1)	3.2 (2.2-4.6)	0.1 (0-0.1)	1.1 (0.8-1.6)	0.1 (0-0.1)	1.4 (0.9-1.9)	0 (0-0)	1.3 (0.9-1.9)	119	23	124	18	139	15
Bangladesh	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	178	198	176	202	175
Bhutan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	194	182	193	177	199	181
India	0.2 (0.1-0.3)	4.5 (3-6.4)	0.2 (0.1-0.2)	4.4 (3-6.2)	0.1 (0.1-0.1)	4.2 (2.9-5.9)	0.1 (0-0.1)	1.4 (1-1.9)	0.1 (0-0.1)	1.7 (1.1-2.3)	0 (0-0.1)	1.7 (1.1-2.4)	114	18	116	13	124	12
Nepal	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	148	181	151	187	150
Pakistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	199	188	201	196	203
Azad Jammu & Kashmir	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	198	189	198	198	201
Balochistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	197	190	200	197	203
Gilgit-Baltistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	184	198	190	200	196	202
Islamabad Capital Territory	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	195	188	196	196	195
Khyber Pakhtunkhwa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	198	189	200	195	203
Punjab	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	181	198	188	200	195	202
Sindh	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	185	198	190	200	200	202
Southeast Asia, East Asia, and Oceania	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	160	186	159	190	161
East Asia	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	170	133	164	124	164	119
China	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	168	133	163	123	163	118
Democratic People's Republic of Korea	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	138	162	139	160	136
Taiwan (Province of China)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	184	135	197	125	199	122
Oceania	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	196	193	196	193	198	195
American Samoa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	191	182	191	183	187	183
Cook Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	183	189	178	191	178
Fiji	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	186	188	186	189	187
Guam	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	195	181	191	181	198	183
Kiribati	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	191	193	191	193	190	193
Marshall Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	191	189	190	190	191	189
Micronesia (Federated States of)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	189	189	190	189	191	190
Nauru	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	190	188	192	189	191	190
Niue	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	189	186	192	185	192	186

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
Northern Mariana Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	194	188	193	184	199	185
Palau	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	183	187	183	190	183
Papua New Guinea	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	194	193	194	191	198	194
Samoa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	187	190	188	190	188
Solomon Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	192	190	195	191	195	192
Tokelau	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	189	185	190	185	193	185
Tonga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	189	186	191	186	191	183
Tuvalu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	189	188	191	189	191	190
Vanuatu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	191	190	191	190	194	192
Southeast Asia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	204	204	202	206	205
Cambodia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	199	205	202	208	203
Indonesia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	197	204	200	205	202
Aceh	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	196	202	199	204	201
Bali	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	196	198	198	200	203	202
Bangka-Belitung Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	199	202	201	205	203
Banten	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	197	203	199	205	201
Bengkulu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	198	201	201	204	201
Gorontalo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	192	197	195	200	195	199
Jakarta	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	196	201	197	205	199
Jambi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	197	202	200	204	201
West Java	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	198	202	196	205	198
Central Java	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	190	185	195	192	200	195
East Java	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	195	201	195	203	197
West Kalimantan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	197	201	200	204	202
South Kalimantan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	197	202	201	205	201
Central Kalimantan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	195	192	199	196	204	198
East Kalimantan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	196	202	200	205	202
North Kalimantan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	189	199	191	202	192
Riau Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	195	201	198	203	201

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
Lampung	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	194	201	199	204	201
Maluku	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	201	202	202	205	204
North Maluku	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	200	202	202	205	204
West Nusa Tenggara	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	190	196	196	200	201	199
East Nusa Tenggara	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	194	198	197	200	200	200
Papua	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	198	201	201	204	202
West Papua	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	198	202	199	204	203
Riau	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	196	202	197	204	199
West Sulawesi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	200	202	201	205	204
South Sulawesi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	199	203	198	205	200
Central Sulawesi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	199	202	201	205	204
Southeast Sulawesi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	197	202	200	204	203
North Sulawesi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	197	201	198	203	200
West Sumatra	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	198	203	201	205	201
South Sumatra	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	193	199	194	202	194
North Sumatra	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	197	200	199	202	199
Yogyakarta	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	196	201	198	203	201
Lao People's Democratic Republic	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	201	205	202	208	204
Malaysia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	195	202	195	202	197
Maldives	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	195	200	194	201	192
Mauritius	0.3 (0.2-0.3)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	83	186	113	187	126	187
Myanmar	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	202	205	203	207	203
Philippines	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	201	202	205	202	205
Abra	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	197	198	195	199	199
Agusan Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	201	202	204	200	200
Agusan Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	199	202	202	203	205
Aklan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	196	199	195	201	197	203
Albay	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	195	199	200	201	199	203
Antique	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	201	201	204	202	206

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
Apayao	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	196	199	196	198	197	203
Aurora	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	191	197	194	200	196	201
Basilan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	191	194	193	194	198	200
Bataan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	200	201	202	201	204
Batanes	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	196	191	197	191	198	188
Batangas	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	198	198	201	198	201
Benguet	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	199	199	199	197	194
Biliran	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	196	199	197	199	198	203
Bohol	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	198	202	202	203	204
Bukidnon	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	201	201	202	200	203
Bulacan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	197	200	200	199	201
Cagayan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	195	202	198	205	197	205
Camarines Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	196	199	200	204	199	204
Camarines Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	201	203	205	203	205
Camiguin	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	194	194	196	197	200
Capiz	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	195	199	198	201	199	202
Catanduanes	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	202	203	206	204	207
Cavite	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	198	200	198	197	199
Cebu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	200	201	203	201	204
Cotabato (North Cotabato)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	199	199	201	198	203
Davao de Oro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	195	194	197	196	201	202
Davao Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	200	200	202	203	205
Davao Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	201	200	203	198	192
Davao Occidental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	194	199	195	201	195	202
Davao Oriental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	198	201	201	201	204
Dinagat Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	197	199	199	200	203
Eastern Samar	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	196	202	197	204	201
Guimaras	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	194	195	196	196	197	199
Ifugao	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	197	198	195	199	198

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
Ilocos Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	195	198	193	199	194	202
Ilocos Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	195	197	198	201	197	200
Iloilo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	199	200	204	200	202
Isabela	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	200	198	201	196	204
Kalinga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	193	198	195	196	194	204
La Union	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	194	200	197	201	195	204
Laguna	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	198	200	200	198	199
Lanao Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	200	200	201	198	195
Lanao Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	193	198	196	199	202	203
Leyte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	201	201	202	200	203
Maguindanao	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	194	196	197	199	201	202
Marinduque	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	194	201	199	202	201	206
Masbate	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	201	199	203	201	205
Misamis Occidental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	202	201	203	201	203
Misamis Oriental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	202	204	205	201	200
Mountain Province	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	199	197	196	198	200
National Capital Region	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	200	202	203	200	199
Negros Occidental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	196	200	197	203	198	204
Negros Oriental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	196	200	199	201	200	204
Northern Samar	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	200	199	201	202	203
Nueva Ecija	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	195	196	197	198	197	200
Nueva Vizcaya	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	203	201	202	200	203
Occidental Mindoro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	201	203	204	202	205
Oriental Mindoro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	199	200	203	202	205
Palawan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	202	203	204	200	201
Pampanga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	195	197	198	197	196	196
Pangasinan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	201	202	205	199	205
Quezon	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	196	202	200	205	199	205
Quirino	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	195	200	197	198	198	202

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
Rizal	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	199	201	201	203	204
Romblon	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	202	201	204	202	207
Samar (Western Samar)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	203	203	204	205	207
Sarangani	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	192	201	196	201	201
Siquijor	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	193	199	197	200	199	204
Sorsogon	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	202	200	204	202	206
South Cotabato	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	200	199	204	198	201
Southern Leyte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	198	199	201	201	203
Sultan Kudarat	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	196	200	198	201	201
Sulu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	194	200	198	200	199	202
Surigao Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	203	199	202	200	204
Surigao Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	201	201	202	200	204
Tarlac	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	199	201	202	199	203
Tawi-Tawi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	193	196	197	196	197	199
Zambales	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	203	203	207	202	202
Zamboanga Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	196	199	200	201	199	205
Zamboanga Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	201	203	204	200	198
Zamboanga Sibugay	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	199	200	200	202	203
Seychelles	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	191	192	193	190	190
Sri Lanka	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	201	200	196	200	194
Thailand	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	203	207	203	209	202
Timor-Leste	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	197	202	197	202	199
Viet Nam	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	194	199	195	200	196
Sub-Saharan Africa	2.8 (2-4.5)	18.2 (15.1-22.2)	2.6 (1.8-4.1)	18 (14.9-21.8)	2.5 (1.6-3.9)	17.7 (14.5-21.9)	0.4 (0.3-0.7)	2.8 (2.2-3.5)	0.5 (0.4-0.8)	3.8 (3.1-4.9)	0.6 (0.4-1)	4.3 (3.5-5.6)	34	7	32	5	31	7
Central Sub-Saharan Africa	3 (0.7-9.7)	19.7 (15.2-25.2)	2.9 (0.7-9.5)	19.8 (15.4-25.4)	3 (0.7-9.7)	20 (15.3-25.7)	0.5 (0.1-1.6)	3.4 (2.4-4.3)	0.6 (0.2-2.1)	4.4 (3.4-5.9)	0.7 (0.2-2.1)	4.8 (3.5-6.4)	32	7	29	5	31	6
Angola	1.7 (0.5-3.3)	17 (12.6-22.6)	1.6 (0.5-3.2)	16.3 (12.2-21.8)	1.5 (0.5-3)	16.6 (12.5-21.8)	0.3 (0.1-0.6)	3.2 (2.4-4.4)	0.4 (0.1-0.8)	4.1 (2.9-6)	0.3 (0.1-0.6)	3.7 (2.6-5.2)	50	9	44	6	40	8
Central African Republic	2.8 (0.6-15)	12.2 (9.1-16)	2.7 (0.6-12.1)	12.1 (9-15.8)	2.7 (0.6-12.4)	12.1 (9.1-15.9)	0.2 (0.1-1.1)	1 (0.7-1.4)	0.3 (0.1-1.4)	1.4 (1-1.9)	0.3 (0.1-1.6)	1.5 (1.1-2.3)	49	17	46	15	44	15
Congo	3.5 (1-6.2)	10.1 (8-12.8)	3.2 (0.9-5.7)	9.6 (7.7-12.1)	2.5 (0.6-4.8)	9 (7.2-11.3)	0.4 (0.1-0.8)	1.3 (1-1.7)	0.6 (0.2-1.1)	2 (1.4-2.6)	0.5 (0.1-1)	1.8 (1.3-2.4)	33	17	30	12	34	13
Democratic Republic of the Congo	3.4 (0.7-12.4)	21.6 (16.5-27.6)	3.3 (0.7-12.5)	22 (17-28.2)	3.5 (0.7-12.8)	22.1 (17-28.7)	0.6 (0.1-2.3)	4 (2.8-5.2)	0.8 (0.2-2.9)	5.1 (3.8-6.7)	0.9 (0.2-3.1)	5.8 (4.1-8)	30	6	28	5	26	5

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
Equatorial Guinea	2.6 (0.2-5.5)	34.4 (27.5-43)	1.9 (0.1-4.5)	35.3 (28.1-44.5)	1.5 (0.1-3.9)	34.4 (27.7-42.6)	0.6 (0-1.2)	7.5 (5.3-11.1)	0.5 (0-1)	8.7 (6-12.4)	0.3 (0-0.8)	7.7 (5.3-11)	31	4	29	2	33	4
Gabon	2.8 (0.1-5.7)	17.1 (13.6-21.3)	2.6 (0.2-5.8)	16.6 (13.5-20.8)	2 (0.1-5.3)	15.8 (12.7-19.7)	0.5 (0-1.1)	3 (2.3-4.1)	0.6 (0-1.2)	3.8 (2.8-5.3)	0.5 (0-1.1)	4 (3.1-5.7)	35	7	31	6	34	7
Eastern Sub-Saharan Africa	0.6 (0.3-1.4)	5.7 (4.3-7.5)	0.6 (0.3-1.4)	5.7 (4.2-7.4)	0.5 (0.3-1.1)	5.5 (4.2-7.3)	0.1 (0-0.2)	0.7 (0.5-1)	0.1 (0.1-0.3)	1.2 (0.9-1.7)	0.1 (0.1-0.3)	1.3 (1-1.8)	94	23	89	16	91	17
Burundi	0.5 (0.3-0.7)	0.9 (0.7-1.2)	0.4 (0.2-0.7)	0.9 (0.6-1.1)	0.4 (0.2-0.7)	0.8 (0.6-1.1)	0 (0-0.1)	0.1 (0-0.1)	0.1 (0.1-0.2)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.2 (0.2-0.3)	98	79	92	63	94	63
Comoros	0.1 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	156	151	167	137	163	152
Djibouti	0.1 (0.1-0.3)	0.3 (0.2-0.4)	0.1 (0.1-0.2)	0.3 (0.2-0.4)	0.1 (0-0.2)	0.3 (0.2-0.4)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	141	102	139	102	148	103
Eritrea	0.2 (0.1-0.3)	0.3 (0.3-0.5)	0.2 (0.1-0.3)	0.3 (0.3-0.5)	0.2 (0.1-0.4)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	142	113	136	107	134	107
Ethiopia	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	171	166	173	158	176	160
Addis Ababa	0.1 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	173	162	174	154	182	160
Afar	0.1 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	177	174	167	176	172
Amhara	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	171	169	174	158	177	157
Benishangul-Gumuz	0.1 (0-0.1)	0.1 (0-0.1)	0.1 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	172	174	165	161	168	163
Dire Dawa	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	170	163	173	154	181	155
Gambella	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	172	160	175	154	177	153
Harari	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	171	165	173	154	180	156
Oromia	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	161	167	157	171	155
Somali	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	172	159	170	158	175	162
Southern Nations, Nationalities, and Peoples	0.1 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	163	169	160	173	160
Tigray	0.1 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	166	170	157	176	158
Kenya	0.7 (0.4-1.1)	21.3 (15.3-29.1)	0.8 (0.5-1.2)	20.6 (14.9-28.5)	0.6 (0.4-1)	19.8 (14.2-27.2)	0.1 (0-0.1)	2.5 (1.5-3.6)	0.1 (0.1-0.2)	3.9 (2.6-5.4)	0.1 (0.1-0.2)	5 (3.5-6.9)	65	4	65	4	72	6
Baringo	0.8 (0.5-1.1)	17.9 (12.6-25.1)	0.8 (0.5-1.2)	17.7 (12.2-25.1)	0.6 (0.3-0.9)	17.4 (12.1-24.8)	0.1 (0.1-0.2)	3.1 (2.1-4.8)	0.2 (0.1-0.3)	4.4 (2.9-6.3)	0.2 (0.1-0.3)	5.4 (3.6-8.1)	74	7	69	6	70	3
Bomet	0.2 (0.1-0.5)	20.6 (14.4-29.1)	0.3 (0.2-0.6)	20.5 (14.5-28.4)	0.3 (0.2-0.5)	19.7 (14.2-27.4)	0 (0-0.1)	2.5 (1.4-4.1)	0.1 (0-0.1)	3.9 (2.5-6.1)	0.1 (0.1-0.2)	7.1 (4.4-9.7)	81	4	72	3	77	3
Bungoma	0.5 (0.2-0.8)	21.6 (15.5-30)	0.6 (0.3-1.2)	21.3 (15.2-30)	0.4 (0.2-0.8)	21.1 (14.9-29.3)	0.1 (0-0.2)	4 (2.5-5.8)	0.2 (0.1-0.4)	7.4 (5.2-10.9)	0.2 (0.1-0.3)	7.6 (5.1-10.7)	63	4	57	4	63	2
Busia	1.2 (0.4-2.7)	28 (19.7-38.7)	1.5 (0.5-3)	28 (19.9-39)	1.1 (0.3-2.3)	27 (19-37.4)	0.1 (0-0.3)	2.7 (1.6-4.1)	0.3 (0.1-0.6)	5.7 (3.7-9.4)	0.3 (0.1-0.6)	7.6 (5.3-10.7)	47	4	43	4	41	4
Elgeyo-Marakwet	0.7 (0.4-1.1)	19.5 (13.6-27.1)	0.7 (0.4-1.1)	19.4 (13.7-27.7)	0.5 (0.3-0.9)	18.8 (13.2-26.3)	0.1 (0.1-0.2)	3.2 (2-5)	0.2 (0.1-0.3)	4.7 (3.3-6.6)	0.2 (0.1-0.2)	5.6 (3.7-8.3)	70	5	72	4	76	4
Embu	0.3 (0.2-0.7)	17.4 (12.3-24.3)	0.4 (0.2-0.8)	16.3 (11.7-22.2)	0.3 (0.1-0.6)	15.6 (11-21.4)	0.1 (0-0.1)	3.2 (1.8-5.1)	0.1 (0-0.2)	4 (2.4-5.8)	0.1 (0.1-0.2)	4.8 (3.2-6.6)	77	4	79	4	91	6
Garissa	0.5 (0.3-1)	18.4 (12.8-26.3)	0.5 (0.3-1)	18.4 (12.6-26.1)	0.4 (0.2-0.8)	18.2 (12.6-25.7)	0.1 (0.1-0.2)	3.5 (2.1-5.5)	0.1 (0.1-0.2)	4.9 (3-7)	0.1 (0.1-0.2)	4.9 (3-7.4)	75	4	73	4	77	4
Homa Bay	1.7 (0.5-4.3)	35.8 (25.4-49.5)	2 (0.5-4)	36.2 (25.9-50.4)	1.5 (0.3-3.3)	34.4 (24.4-48.4)	0.1 (0-0.2)	1.6 (1.1-2.5)	0.2 (0-0.3)	2.8 (1.9-4.5)	0.2 (0-0.5)	5 (3-7.5)	46	4	38	4	36	4
Isiolo	0.4 (0.2-0.8)	16.3 (11.3-22.8)	0.6 (0.3-1.2)	16.5 (11.3-23.5)	0.4 (0.2-0.8)	15.7 (11-22.3)	0.1 (0-0.1)	1.9 (1.1-3.2)	0.1 (0-0.2)	3.3 (2-5.1)	0.1 (0-0.1)	3.2 (2.1-4.6)	82	6	71	4	80	6

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
Kajiado	0.5 (0.2-0.9)	19.2 (13.5-26.8)	0.5 (0.2-0.9)	18.6 (13-26.2)	0.3 (0.1-0.6)	17.3 (12.3-23.8)	0.1 (0-0.1)	2.5 (1.5-4)	0.1 (0-0.2)	3.7 (2.2-5.5)	0.1 (0-0.1)	4.2 (2.8-6)	82	4	77	4	86	6
Kakamega	0.7 (0.4-1.3)	22.5 (15.9-31.6)	0.8 (0.4-1.4)	21.9 (15.4-30.4)	0.6 (0.3-1.1)	21 (14.9-29.3)	0.1 (0-0.1)	2.5 (1.4-4)	0.2 (0.1-0.3)	4.3 (2.7-6.3)	0.2 (0.1-0.3)	6 (4-8.4)	62	4	56	4	61	4
Kericho	0.4 (0.2-0.8)	19.5 (13.7-27.6)	0.4 (0.2-0.8)	18.9 (13.2-26.5)	0.3 (0.2-0.6)	17.8 (12.8-24.6)	0.1 (0-0.1)	3.2 (1.9-5.2)	0.1 (0.1-0.2)	5 (3.3-8)	0.1 (0-0.1)	5.6 (3.5-8.7)	73	4	78	4	89	6
Kiambu	0.6 (0.3-1)	18.4 (13-25.6)	0.6 (0.3-0.9)	17.2 (12.3-23.8)	0.4 (0.2-0.7)	15.9 (11.6-21.8)	0.1 (0-0.1)	2.5 (1.6-3.9)	0.1 (0.1-0.2)	3.6 (2.5-5.2)	0.1 (0-0.1)	3.5 (2.4-4.9)	83	4	85	4	95	6
Kilifi	0.8 (0.2-1.9)	20.1 (14.9-26.6)	1.1 (0.4-2)	20 (14.9-26.8)	0.9 (0.3-1.8)	20 (14.8-27)	0.1 (0-0.2)	2.7 (1.4-4)	0.2 (0.1-0.5)	4.5 (2.6-6.1)	0.3 (0.1-0.5)	6.3 (4.3-8.4)	50	4	42	4	45	5
Kirinyaga	0.4 (0.2-0.7)	17.2 (12.2-23.8)	0.4 (0.2-0.8)	15.6 (11.2-21.6)	0.4 (0.2-0.7)	14.8 (10.5-20.5)	0.1 (0-0.1)	3 (1.9-4.4)	0.1 (0.1-0.2)	3.8 (2.3-5.8)	0.1 (0-0.2)	3.8 (2.6-5.3)	80	4	87	4	94	6
Kisi	1.6 (0.7-2.6)	25.6 (18.2-35.5)	1.7 (0.7-2.6)	24.3 (17.4-33.2)	1.3 (0.6-2.1)	23.6 (16.5-32.8)	0.2 (0.1-0.3)	3.4 (2.1-4.8)	0.4 (0.2-0.6)	5.5 (3.7-8.2)	0.4 (0.2-0.6)	6.6 (4.4-9.6)	51	4	48	4	46	3
Kisumu	1.3 (0.8-2.3)	35.6 (26-48.7)	1.4 (0.8-2.5)	35.2 (25.9-47.5)	1.1 (0.6-1.9)	32.4 (23.8-44.6)	0.1 (0-0.1)	2.2 (1.3-3.3)	0.1 (0.1-0.3)	3.7 (2.4-5.6)	0.2 (0.1-0.3)	4.8 (3.1-7)	53	4	50	4	55	6
Kitui	0.4 (0.2-0.8)	18.4 (13-26.1)	0.4 (0.2-0.7)	17.9 (12.6-24.8)	0.3 (0.1-0.5)	17.5 (12.3-24.3)	0.1 (0-0.1)	2.6 (1.6-3.8)	0.1 (0-0.2)	4.1 (2.6-6.1)	0.1 (0-0.2)	5.7 (3.7-8)	78	5	81	5	93	5
Kwale	0.9 (0.3-2)	24.9 (17.7-34)	1.1 (0.4-2)	24.8 (17.8-34)	0.9 (0.4-1.8)	24 (17-32.8)	0.1 (0-0.2)	3.2 (2.2-5)	0.2 (0.1-0.4)	4.9 (3.2-7.2)	0.2 (0.1-0.4)	5.8 (3.9-8)	50	4	50	4	50	4
Laikipia	0.5 (0.2-0.8)	19.3 (13.8-26.8)	0.4 (0.2-0.7)	18.4 (13.1-25.6)	0.3 (0.1-0.5)	17.8 (12.8-24.6)	0.1 (0-0.1)	2.6 (1.4-3.9)	0.1 (0-0.1)	3.4 (2-4.9)	0.1 (0-0.1)	4.8 (3.1-6.9)	83	4	85	4	95	5
Lamu	0.5 (0.2-0.9)	16.9 (11.7-23.9)	0.6 (0.3-1)	16.2 (11.5-23.1)	0.4 (0.2-0.8)	15.8 (11.1-22)	0.1 (0-0.2)	2.8 (1.6-4.8)	0.1 (0.1-0.2)	4 (2.4-6.1)	0.1 (0.1-0.2)	4.2 (2.8-6.1)	73	4	75	4	82	6
Machakos	0.2 (0.1-0.5)	18.1 (12.5-25.2)	0.3 (0.1-0.5)	17.1 (12.2-23.8)	0.2 (0.1-0.4)	15.9 (11.5-22)	0 (0-0.1)	3 (1.7-5)	0.1 (0-0.1)	4 (2.7-5.9)	0.1 (0-0.1)	4.6 (3.1-6.5)	88	3	93	4	105	6
Makueni	0.4 (0.2-0.7)	19.3 (13.6-27.4)	0.4 (0.2-0.7)	19.1 (13.4-27)	0.3 (0.1-0.5)	18.3 (13-25.3)	0 (0-0.1)	1.7 (0.9-2.9)	0.1 (0-0.1)	2.7 (1.6-3.8)	0.1 (0-0.1)	5.2 (3.4-7.3)	82	4	82	4	88	4
Mandera	0.4 (0.3-0.8)	17.8 (12.3-25.2)	0.5 (0.3-0.9)	18.1 (12.5-25.7)	0.5 (0.3-0.9)	18.6 (12.6-26.2)	0.1 (0-0.1)	2.8 (1.8-4.4)	0.1 (0.1-0.2)	3.9 (2.6-5.7)	0.1 (0.1-0.2)	5.4 (3.4-8)	83	6	79	4	74	4
Marsabit	0.4 (0.2-0.9)	17.5 (12.4-24.6)	0.5 (0.2-1.1)	17.7 (12.1-25.3)	0.4 (0.2-0.8)	17.4 (12.1-24.6)	0.1 (0-0.1)	2.8 (1.5-4.9)	0.1 (0-0.2)	3.8 (2.2-5.8)	0.1 (0.1-0.2)	4.6 (2.7-6.9)	73	6	69	5	75	4
Meru	0.2 (0.1-0.5)	17.7 (12.3-24.6)	0.4 (0.2-0.7)	16.8 (12-23.6)	0.3 (0.1-0.7)	16.1 (11.3-22.2)	0 (0-0.1)	2.8 (1.5-4.7)	0.1 (0-0.1)	3.4 (2.1-5.4)	0.1 (0-0.2)	4.3 (2.8-6.1)	88	4	81	4	90	5
Migori	1.6 (0.4-4.3)	33.1 (23.6-46.1)	2.6 (0.6-5.2)	33.5 (24-47.4)	2 (0.4-3.9)	32.4 (23.1-45.6)	0.1 (0-0.3)	2.2 (1.4-3.3)	0.3 (0.1-0.5)	3.6 (2.3-5.8)	0.3 (0.1-0.7)	5.6 (3.9-7.9)	40	4	34	4	32	5
Mombasa	0.5 (0.2-1.3)	22.3 (16.1-30.4)	0.7 (0.3-1.4)	21.5 (15.4-29.9)	0.5 (0.3-1)	19.9 (14.6-27.7)	0.1 (0-0.1)	2.4 (1.4-3.7)	0.1 (0.1-0.2)	3.9 (2.6-5.7)	0.1 (0.1-0.2)	4.7 (3.4-6.2)	59	5	60	4	66	5
Murang'a	0.3 (0.2-0.6)	17.9 (12.7-25.2)	0.4 (0.3-0.7)	16.5 (11.8-23)	0.3 (0.2-0.6)	15.8 (11.4-21.7)	0.1 (0-0.1)	3.2 (1.7-5)	0.1 (0.1-0.2)	3.8 (2.3-5.6)	0.1 (0.1-0.2)	4.5 (2.9-6.2)	86	4	87	4	93	5
Nairobi	0.6 (0.3-1)	18.7 (13.1-25.8)	0.6 (0.4-0.9)	18.1 (12.9-25.3)	0.5 (0.3-0.7)	16.4 (11.9-22.4)	0.1 (0-0.1)	2.1 (1.4-3.3)	0.1 (0.1-0.2)	3.9 (2.7-5.4)	0.1 (0.1-0.1)	3.5 (2.4-5)	80	4	80	4	88	6
Nakuru	0.4 (0.2-0.7)	18.9 (13.2-26.5)	0.4 (0.2-0.7)	18.1 (12.7-25.1)	0.3 (0.1-0.5)	17.2 (12.6-24.3)	0.1 (0-0.1)	2.7 (1.5-4.6)	0.1 (0-0.2)	4.1 (2.6-6)	0.1 (0-0.2)	5.6 (3.9-8.3)	83	4	84	4	89	6
Nandi	0.5 (0.2-0.8)	20.6 (14.7-28.7)	0.5 (0.3-0.8)	20 (14.2-28.1)	0.3 (0.2-0.6)	19.4 (13.9-27)	0.1 (0-0.1)	2.9 (1.7-4.4)	0.1 (0.1-0.2)	4.3 (2.8-6.1)	0.1 (0.1-0.2)	6 (4.2-8.6)	83	5	81	4	86	5
Narok	0.6 (0.3-0.9)	20.4 (14.4-28.8)	0.6 (0.3-0.8)	20.1 (14.2-27.8)	0.4 (0.2-0.8)	19.5 (13.9-27)	0.1 (0-0.1)	2.4 (1.3-3.6)	0.1 (0.1-0.2)	3.9 (2.3-5.7)	0.1 (0.1-0.2)	5.7 (3.7-9.1)	83	5	81	5	83	4
Nyamira	1.1 (0.7-1.7)	24.6 (17.4-34.5)	1.5 (0.8-2.4)	24.1 (17.2-33.6)	1.1 (0.6-1.9)	23 (16.5-31.6)	0.1 (0.1-0.2)	2.6 (1.6-3.6)	0.2 (0.1-0.3)	3.7 (2.5-5.3)	0.2 (0.1-0.3)	4.3 (2.9-6.1)	67	5	63	5	63	4
Nyandarua	0.6 (0.3-0.9)	19.5 (13.7-27.2)	0.8 (0.5-1.2)	18.2 (12.8-25.8)	0.6 (0.3-1)	18 (12.7-24.9)	0.1 (0-0.2)	2.8 (1.7-4.3)	0.1 (0.1-0.2)	3.2 (2.2-4.5)	0.1 (0.1-0.2)	3.6 (2.5-5.2)	79	4	79	5	83	4
Nyeri	0.5 (0.3-0.9)	18.8 (13.3-26.3)	0.6 (0.3-0.9)	17.1 (12.3-23.8)	0.4 (0.2-0.8)	16.3 (11.7-22.4)	0.1 (0-0.1)	2.3 (1.3-3.4)	0.1 (0.1-0.1)	3.1 (1.8-4.3)	0.1 (0.1-0.2)	3.6 (2.3-5.2)	78	4	82	4	93	6
Samburu	0.4 (0.2-1.1)	19.5 (13.7-27.2)	0.5 (0.2-0.9)	19.5 (13.6-27.6)	0.4 (0.2-0.8)	19 (13.2-26.6)	0 (0-0.1)	2.2 (1.3-3.1)	0.1 (0-0.2)	3.5 (2.2-5.2)	0.1 (0-0.2)	4.6 (2.9-6.8)	73	6	68	5	80	5
Siaya	1.6 (0.4-4.2)	31.5 (22.5-43.5)	1.6 (0.3-4)	31.7 (22.5-43.4)	1.1 (0.3-2.6)	30 (21.7-41.6)	0.1 (0-0.3)	2.1 (1.3-3.3)	0.2 (0-0.5)	3.8 (2.6-5.9)	0.2 (0.1-0.6)	6.6 (4.4-9.8)	39	4	32	3	33	4

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
Taita Taveta	0.4 (0.1-0.9)	19.3 (13.6-26.9)	0.6 (0.3-1.1)	18.2 (13.2-25.3)	0.4 (0.2-0.9)	17.1 (12.4-23.8)	0 (0-0.1)	2.1 (1.2-3.2)	0.1 (0-0.2)	2.5 (1.6-3.8)	0.1 (0-0.1)	3.3 (2.3-4.8)	79	4	76	4	87	6
Tana River	0.8 (0.4-1.4)	19.8 (14-28.4)	0.9 (0.6-1.4)	19.7 (13.7-28.1)	0.8 (0.4-1.3)	20 (14-27.7)	0.1 (0-0.1)	2 (1.3-3.2)	0.1 (0.1-0.2)	2.9 (1.8-4.2)	0.1 (0.1-0.2)	3.5 (2.5-5.2)	71	6	70	6	72	3
Tharaka Nithi	0.7 (0.4-1.2)	18.2 (12.6-25.3)	0.7 (0.4-1)	17.6 (12.4-24.8)	0.4 (0.2-0.7)	17.4 (12.2-24.7)	0.1 (0.1-0.2)	2.7 (1.6-3.9)	0.2 (0.1-0.3)	4.4 (2.8-6.6)	0.1 (0.1-0.1)	4 (2.4-5.8)	80	6	80	6	90	5
Trans Nzoia	0.6 (0.3-1.1)	21.1 (14.9-28.9)	0.6 (0.3-1)	20.6 (14.6-28.4)	0.4 (0.2-0.8)	20 (14.2-27.7)	0.1 (0-0.1)	2.8 (1.8-4.2)	0.1 (0.1-0.2)	4.2 (2.9-6.5)	0.1 (0.1-0.2)	6.3 (3.9-9.6)	66	4	64	4	76	4
Turkana	0.5 (0.2-0.9)	20.3 (14.3-28.2)	0.5 (0.2-0.9)	20.6 (14.1-28.9)	0.4 (0.2-0.9)	20.2 (14.2-28.4)	0 (0-0.1)	1.6 (0.8-2.4)	0.1 (0-0.1)	2.7 (1.7-3.9)	0.1 (0-0.2)	5 (3-7.2)	77	6	74	5	80	6
Uasin Gishu	0.5 (0.3-0.9)	19.7 (13.9-27.6)	0.5 (0.3-0.8)	19.3 (13.8-26.8)	0.3 (0.2-0.6)	18.1 (13-25.4)	0.1 (0-0.1)	3 (1.8-4.7)	0.1 (0.1-0.2)	4.7 (3.1-6.7)	0.1 (0.1-0.2)	6.2 (4.4-8.6)	69	5	73	4	85	5
Vihiga	1 (0.4-2.1)	24.3 (17.2-34.4)	1.4 (0.6-3)	24.5 (17.3-34.3)	1.1 (0.5-2.1)	24.7 (17.6-34.6)	0.1 (0-0.2)	2.6 (1.6-4)	0.3 (0.1-0.5)	4.6 (3.1-6.7)	0.3 (0.1-0.6)	7 (4.7-10)	52	5	46	3	47	4
Wajir	0.4 (0.3-0.7)	17.6 (12-24.7)	0.4 (0.3-0.8)	17.6 (11.8-25.6)	0.4 (0.2-0.7)	18.2 (12.4-26)	0.1 (0-0.1)	3.3 (2.1-4.9)	0.1 (0.1-0.2)	4.3 (2.6-6.6)	0.1 (0.1-0.2)	4.7 (3.1-7)	84	8	79	6	85	3
West Pokot	0.8 (0.5-1.3)	18.7 (13-26.1)	0.9 (0.5-1.3)	19.1 (13.2-26.8)	0.6 (0.4-1)	19 (13.3-26.8)	0.1 (0.1-0.2)	3.3 (2.1-5.6)	0.2 (0.2-0.3)	5.1 (3.4-7.6)	0.2 (0.1-0.3)	6.4 (4.4-9.9)	62	5	59	5	62	4
Madagascar	0.8 (0.5-1.3)	4.9 (3.6-6.5)	0.8 (0.4-1.2)	4.8 (3.6-6.4)	0.8 (0.4-1.3)	4.8 (3.6-6.3)	0.2 (0.1-0.4)	1.3 (0.9-1.8)	0.2 (0.1-0.4)	1.5 (1-2.1)	0.2 (0.1-0.3)	1.3 (1-1.8)	67	20	66	19	66	17
Malawi	0.4 (0.3-0.7)	1 (0.8-1.4)	0.4 (0.2-0.7)	1 (0.8-1.4)	0.4 (0.2-0.6)	1 (0.8-1.4)	0 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.2 (0.1-0.2)	0.1 (0-0.1)	0.2 (0.1-0.3)	96	64	96	64	100	57
Mozambique	0.1 (0.1-0.2)	0.2 (0.2-0.3)	0.1 (0.1-0.2)	0.2 (0.2-0.3)	0.1 (0-0.2)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	142	117	142	123	143	120
Rwanda	0.3 (0.1-0.5)	0.3 (0.2-0.4)	0.2 (0.1-0.3)	0.3 (0.2-0.4)	0.1 (0.1-0.3)	0.3 (0.2-0.4)	0 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	131	131	123	103	132	99
Somalia	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	171	178	171	179	177
South Sudan	0.1 (0.1-0.2)	0.4 (0.3-0.5)	0.1 (0.1-0.2)	0.4 (0.3-0.5)	0.2 (0.1-0.3)	0.3 (0.3-0.5)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	137	104	133	102	133	114
Uganda	1.1 (0.5-1.6)	8.3 (6.1-11)	0.9 (0.5-1.5)	8.3 (6-10.9)	0.8 (0.4-1.5)	8.2 (6-10.7)	0.1 (0.1-0.2)	0.9 (0.6-1.2)	0.2 (0.1-0.3)	1.6 (1.1-2.2)	0.2 (0.1-0.4)	2.1 (1.5-2.9)	70	15	66	8	63	8
United Republic of Tanzania	1.6 (0.5-7.1)	9.3 (7.1-11.9)	1.5 (0.5-7)	9.2 (7-11.9)	1.3 (0.4-6)	9.1 (7.1-11.6)	0.2 (0.1-0.9)	1.2 (0.9-1.6)	0.3 (0.1-1.3)	1.9 (1.4-2.5)	0.3 (0.1-1.5)	2.5 (1.8-3.3)	42	7	40	6	43	8
Zambia	1.7 (0.5-2.9)	11.1 (8.4-14.5)	1.6 (0.5-2.7)	10.9 (8.2-14.6)	1.2 (0.4-2.3)	10.6 (8-14)	0.1 (0-0.2)	0.9 (0.6-1.2)	0.2 (0.1-0.4)	1.8 (1.3-2.4)	0.2 (0.1-0.4)	1.8 (1.3-2.5)	48	11	49	10	57	8
Southern Sub-Saharan Africa	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	160	167	164	171	164
Botswana	0.2 (0.1-0.4)	0.8 (0.6-1)	0.2 (0.1-0.3)	0.8 (0.6-0.9)	0.1 (0.1-0.2)	0.7 (0.6-0.9)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	109	66	107	61	122	53
Eswatini	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	190	172	190	178	196	177
Lesotho	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	165	188	179	193	178
Namibia	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	185	166	184	169	189	170
South Africa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	191	202	191	205	189
Eastern Cape	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	189	199	187	204	192
Free State	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	189	199	189	204	190
Gauteng	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	188	197	181	203	186
KwaZulu-Natal	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	189	200	187	204	186
Limpopo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	172	201	186	207	187

Location	15-49 cause-specific SCD mortality rate (per 100,000 population), 2000	15-49 total SCD mortality rate (per 100,000 population), 2000	15-49 cause-specific SCD mortality rate (per 100,000 population), 2010	15-49 total SCD mortality rate (per 100,000 population), 2010	15-49 cause-specific SCD mortality rate (per 100,000 population), 2021	15-49 total SCD mortality rate (per 100,000 population), 2021	15-49 cause-specific mortality cause fraction, 2000	15-49 total SCD mortality cause fraction, 2000	15-49 cause-specific mortality cause fraction, 2010	15-49 total SCD mortality cause fraction, 2010	15-49 cause-specific mortality cause fraction, 2021	15-49 total SCD mortality cause fraction, 2021	15-49 cause-specific mortality rank 2000	15-49 total SCD mortality rank 2000	15-49 cause-specific mortality rank 2010	15-49 total SCD mortality rank 2010	15-49 cause-specific mortality rank 2021	15-49 total SCD mortality rank 2021
Mpumalanga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	191	202	189	205	190
North-West	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	189	201	187	204	192
Northern Cape	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	194	200	192	204	191
Western Cape	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	190	199	186	202	188
Zimbabwe	0.3 (0.2-0.4)	0.2 (0.2-0.3)	0.3 (0.2-0.5)	0.2 (0.2-0.3)	0.3 (0.1-0.5)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	117	120	119	137	131	138
Western Sub-Saharan Africa	5.6 (3.8-8.9)	34.8 (28.9-42)	4.9 (3.4-7.3)	33.1 (27.5-40)	4.6 (2.9-7.2)	31.6 (25.8-38.8)	1.2 (0.9-1.9)	7.6 (6-9.4)	1.4 (1-2)	9.3 (7.7-11.9)	1.4 (0.9-2.2)	9.6 (7.6-12.3)	16	4	15	3	15	4
Benin	11.9 (6-21.1)	76.7 (63.6-90.4)	10 (5-18.9)	76.8 (63.5-92.9)	9 (5.1-15.1)	55.8 (44.4-68.7)	3.2 (1.7-5.7)	20.7 (16.9-25.7)	3.4 (1.9-6.3)	26.5 (20.9-32.4)	2.9 (1.7-4.8)	18 (13.6-23.3)	7	1	6	1	7	1
Burkina Faso	10.9 (1-41.8)	66.2 (60.1-73.2)	8.4 (0.7-35.7)	56.3 (50.8-62.7)	8 (0.7-34.3)	43.4 (35.3-52.8)	2 (0.2-7.5)	12.5 (10.4-14.7)	2.3 (0.2-9)	15.5 (13.4-18.7)	2.2 (0.2-8.6)	11.9 (9.4-15.3)	9	3	9	2	10	2
Cabo Verde	0.9 (0.6-1.3)	2.5 (2-3.1)	0.7 (0.5-1)	2.6 (2-3.2)	0.5 (0.4-0.7)	2.4 (1.9-3)	0.4 (0.3-0.5)	1 (0.8-1.4)	0.3 (0.2-0.4)	1.2 (0.9-1.7)	0.3 (0.2-0.4)	1.4 (1.1-1.9)	54	23	54	21	57	18
Cameroon	4.6 (1.2-7.7)	12.6 (10-15.4)	4.3 (1.1-7.7)	12.6 (9.9-15.7)	3.5 (1.2-6.7)	12.7 (10.2-15.6)	0.8 (0.2-1.3)	2.1 (1.6-2.7)	0.8 (0.2-1.5)	2.5 (1.8-3.2)	0.8 (0.3-1.4)	3 (2.3-3.9)	20	10	19	9	22	7
Chad	2 (1-4)	3 (2.4-3.7)	1.9 (1.1-3.5)	3 (2.4-3.7)	1.8 (0.9-3.6)	2.9 (2.3-3.7)	0.4 (0.2-0.8)	0.6 (0.4-0.7)	0.5 (0.3-0.9)	0.8 (0.6-1)	0.5 (0.3-0.9)	0.8 (0.6-1)	46	34	41	31	42	29
Côte d'Ivoire	2.9 (1.7-4.3)	10.8 (9.1-12.5)	2.5 (1.6-3.6)	10.5 (8.9-12.2)	2.2 (1.3-3.4)	10.1 (8.6-11.6)	0.4 (0.2-0.6)	1.4 (1-1.9)	0.5 (0.3-0.7)	2 (1.6-2.5)	0.6 (0.4-0.8)	2.8 (2.2-3.6)	30	7	31	6	32	7
Gambia	4.7 (1.2-20.3)	11.6 (9.6-13.9)	4.4 (1.2-19.7)	10.9 (9-13.2)	4.6 (1.2-16.8)	10.6 (8.8-12.8)	1.3 (0.3-5.8)	3.3 (2.5-4)	1.2 (0.3-5.2)	3 (2.4-3.8)	1.2 (0.3-4.4)	2.9 (2.1-3.6)	18	7	17	7	17	8
Ghana	11.5 (7.8-14.5)	35.8 (32.5-39.3)	9.2 (7.3-11.1)	36 (32.5-39.6)	7.9 (5.6-11.8)	32 (27.4-37.3)	2.5 (1.8-3.2)	7.9 (6.5-9.5)	2.3 (1.8-2.8)	8.9 (7.7-10.5)	2.2 (1.7-2.8)	9 (7-11.1)	10	4	10	3	10	3
Guinea	6.2 (1.2-10.3)	30 (24.3-37)	6.8 (1.4-13.5)	30.5 (24.6-37.6)	6.2 (1.3-12.2)	30 (24.6-37)	1.4 (0.3-2.3)	6.7 (5.2-8.2)	1.8 (0.4-3.2)	8.2 (6.2-10.4)	1.6 (0.4-3.1)	8 (6.3-10.8)	18	3	15	1	16	3
Guinea-Bissau	3.4 (0.8-16.4)	1 (0.8-1.2)	3.1 (0.7-12.8)	1 (0.8-1.2)	2.6 (0.5-13.1)	0.9 (0.7-1.1)	0.6 (0.1-3)	0.2 (0.1-0.2)	0.6 (0.1-2.6)	0.2 (0.1-0.3)	0.5 (0.1-2.1)	0.2 (0.1-0.2)	32	80	34	73	38	76
Liberia	3 (1-10)	6.6 (5.4-8.1)	2.8 (1.1-9.6)	6.5 (5.3-7.8)	2.6 (0.8-9.5)	6.2 (5.1-7.4)	0.7 (0.2-2.3)	1.6 (1.2-1.9)	0.8 (0.3-2.3)	1.7 (1.4-2.2)	0.7 (0.2-2.6)	1.7 (1.3-2.2)	31	15	27	13	27	13
Mali	5.3 (2.5-10.5)	12.2 (10.1-14.4)	4.8 (2.2-9.1)	12.2 (10.2-14.4)	4.4 (2.1-8.5)	12.4 (10.2-14.6)	1.2 (0.6-2.3)	2.8 (2.2-3.4)	1.4 (0.7-2.8)	3.7 (3-4.4)	1.2 (0.6-2.1)	3.3 (2.6-4.1)	17	9	16	6	20	5
Mauritania	1.4 (0.7-2.1)	3.4 (2.8-4.2)	1.2 (0.5-1.9)	3.4 (2.7-4.2)	1 (0.5-1.6)	3.4 (2.8-4.1)	0.5 (0.3-0.7)	1.3 (1-1.5)	0.6 (0.3-0.8)	1.6 (1.3-2.2)	0.5 (0.3-0.7)	1.7 (1.3-2.3)	42	20	40	16	42	13
Niger	3.2 (1.3-5.2)	29.7 (24.5-35.3)	2.4 (1.2-4)	21.7 (17.8-26.4)	2.6 (1.2-4.5)	22.2 (18-26.9)	0.9 (0.4-1.4)	7.9 (6.6-9.8)	0.8 (0.4-1.3)	7.2 (5.4-8.7)	0.8 (0.4-1.3)	7.4 (5.7-9.7)	25	4	26	3	29	4
Nigeria	4.9 (1.4-10.5)	43.9 (34.3-55.7)	4.3 (1.3-9.1)	41.9 (33-52.6)	4.3 (1.5-8.9)	41.9 (33-52.9)	1.2 (0.3-2.4)	10.6 (7.8-14.1)	1.4 (0.4-2.7)	13.4 (10.1-19.6)	1.4 (0.5-2.8)	14.4 (10.7-19.1)	19	3	17	3	14	1
Sao Tome and Principe	3.6 (0.8-6.3)	16.7 (13.2-21.7)	3.4 (0.8-6.3)	16.8 (13.3-21.3)	2.5 (0.8-4.8)	16.9 (13.3-21.5)	1.4 (0.3-2.4)	6.6 (5.1-9.1)	1.7 (0.4-3)	8.5 (6.4-11.8)	1.2 (0.4-2.2)	8.6 (6.1-12)	18	3	18	2	23	3
Senegal	2.9 (1.2-7.7)	9.3 (7.7-11.3)	3.1 (1.5-8.4)	9.2 (7.7-11)	2.6 (1.2-6.4)	9.2 (7.7-11.1)	0.9 (0.4-2.5)	2.9 (2.4-3.5)	1.2 (0.6-3)	3.6 (2.8-4.5)	1 (0.4-2.4)	3.4 (2.7-4.3)	22	8	23	7	26	5
Sierra Leone	4.2 (0.4-8.4)	39.9 (32.7-48.2)	4.6 (0.5-8.7)	39.6 (32.3-48.4)	4.5 (0.7-9.4)	39.3 (31.7-48)	0.9 (0.1-1.8)	8.4 (6.6-10)	1.1 (0.1-2.2)	9.8 (7.5-12.4)	1.3 (0.2-2.6)	11.3 (8.1-15.2)	18	4	15	2	15	2
Togo	14.6 (7.2-25.6)	41.9 (35.4-50)	13.8 (6.8-23.6)	40.9 (34.6-48.5)	11.7 (5.3-22.9)	38.9 (32.9-46.4)	2.8 (1.4-5.1)	8.1 (6.4-10.6)	2.9 (1.5-5)	8.7 (6.8-10.8)	3.1 (1.5-5.7)	10.5 (7.9-13.6)	8	3	8	3	8	1

Table S21: 50 plus sickle cell disease mortality metrics in 2000, 2010, and 2021

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
Global	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	179	163	174	156	175	162
Central Europe, Eastern Europe, and Central Asia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	194	198	194	196	191	195
Central Asia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	205	204	205	203	206
Armenia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	195	200	188	198	193	198
Azerbaijan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	201	201	199	199	197
Georgia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	203	200	203	201	202
Kazakhstan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	201	200	204	198	203
Kyrgyzstan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	204	203	204	202	205
Mongolia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	204	203	202	206	203
Tajikistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	202	203	200	204	201
Turkmenistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	206	199	203	197	202
Uzbekistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	203	203	204	191	202
Central Europe	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	190	181	185	180	187
Albania	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	185	184	182	183	182
Bosnia and Herzegovina	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	183	189	183	187	180
Bulgaria	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	171	186	168	188	166	188
Croatia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	179	171	177	173	176	167
Czechia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	181	190	183	190	184	193
Hungary	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	184	188	184	190	181	187
Montenegro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	181	186	175	186	176
North Macedonia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	185	180	184	179	185	177
Poland	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	172	183	175	176	172	178
Romania	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	187	181	182	179	182
Serbia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	196	198	195	198	194
Slovakia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	177	183	176	187	177
Slovenia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	189	176	187	178	190	177
Eastern Europe	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	193	194	194	191	193	194
Belarus	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	183	200	183	196	183
Estonia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	193	187	193	186	194	188

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
Latvia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	193	188	192	186	194	188
Lithuania	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	192	182	192	183	192	184
Republic of Moldova	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	188	198	187	198	187
Russian Federation	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	190	195	195	191	192	194
Ukraine	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	191	189	192	189	193	192
High-income	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	148	165	145	164	148
Australasia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	180	172	183	172	185	175
Australia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	180	175	183	177	185	177
New Zealand	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	184	154	179	152	183	155
High-income Asia Pacific	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	190	187	190	190	188
Brunei Darussalam	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	189	193	185	191	180	189
Japan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	185	182	186	187	188
Aichi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	175	180	174	185	175
Akita	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	187	182	187	187	192
Aomori	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	187	176	188	188	193
Chiba	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	174	176	178	176	184	180
Ehime	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	190	177	190	184	194
Fukui	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	179	190	183	189	190	193
Fukuoka	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	189	181	188	186	192
Fukushima	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	190	181	190	188	192
Gifu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	186	179	188	187	191
Gunma	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	188	179	188	189	192
Hiroshima	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	187	175	189	182	192
Hokkaidō	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	186	177	186	183	189
Hyōgo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	184	180	183	184	186
Ibaraki	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	180	180	179	185	180
Ishikawa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	188	183	187	187	189
Iwate	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	179	188	180	189	185	193
Kagawa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	190	181	188	187	192

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
Kagoshima	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	174	189	178	188	184	191
Kanagawa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	184	180	184	185	187
Kōchi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	179	190	180	188	188	192
Kumamoto	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	188	182	188	187	192
Kyōto	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	187	181	187	186	190
Mie	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	187	178	189	186	193
Miyagi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	189	181	187	188	191
Miyazaki	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	179	188	181	188	186	192
Nagano	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	186	182	188	187	191
Nagasaki	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	181	190	182	188	188	191
Nara	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	186	178	188	188	192
Niigata	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	187	183	188	188	191
Ōita	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	189	181	189	188	193
Okayama	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	189	178	189	184	192
Okinawa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	181	187	184	187	188	190
Ōsaka	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	187	180	184	186	188
Saga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	190	183	188	187	192
Saitama	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	185	178	186	183	189
Shiga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	179	188	185	188	189	192
Shimane	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	180	187	183	189	189	192
Shizuoka	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	187	178	187	185	191
Tochigi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	189	181	187	187	191
Tokushima	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	179	191	182	189	188	193
Tōkyō	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	179	181	183	180	187	182
Tottori	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	179	188	184	190	187	192
Toyama	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	189	182	188	186	192
Wakayama	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	189	179	189	185	193
Yamagata	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	179	187	181	188	188	190
Yamaguchi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	188	179	190	188	194

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
Yamanashi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	179	189	180	188	187	192
Republic of Korea	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	183	187	183	185	180
Singapore	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	180	179	184	177	190	176
High-income North America	0.1 (0.1-0.1)	0.3 (0.3-0.4)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	143	133	146	133	149	137
Canada	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	173	160	170	168	175
Greenland	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	172	185	173	184	171
United States of America	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	142	131	145	132	148	134
Alabama	0.3 (0.3-0.4)	0.7 (0.6-0.8)	0.3 (0.3-0.4)	0.7 (0.6-0.8)	0.3 (0.3-0.4)	0.7 (0.6-0.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	138	123	136	121	140	129
Alaska	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	144	167	146	169	149
Arizona	0 (0-0.1)	0.2 (0.2-0.2)	0.1 (0-0.1)	0.2 (0.2-0.2)	0 (0-0.1)	0.2 (0.2-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	157	140	156	139	159	144
Arkansas	0.2 (0.2-0.2)	0.4 (0.4-0.5)	0.2 (0.2-0.3)	0.4 (0.4-0.5)	0.2 (0.2-0.3)	0.4 (0.3-0.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	140	130	141	131	145	137
California	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	147	137	147	137	151	142
Colorado	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	160	146	159	147	165	148
Connecticut	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	144	130	147	127	147	128
Delaware	0.2 (0.1-0.2)	0.8 (0.7-0.9)	0.2 (0.1-0.2)	0.8 (0.7-1)	0.1 (0.1-0.2)	0.8 (0.7-0.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	139	116	140	114	143	117
District of Columbia	0.6 (0.5-0.6)	0.9 (0.8-1.2)	0.5 (0.5-0.5)	0.9 (0.8-1.2)	0.5 (0.4-0.6)	0.9 (0.7-1.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	118	127	115	130	117
Florida	0.2 (0.1-0.2)	0.7 (0.6-0.7)	0.2 (0.2-0.2)	0.7 (0.6-0.8)	0.2 (0.2-0.2)	0.7 (0.6-0.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	140	118	140	117	142	123
Georgia	0.3 (0.3-0.4)	0.7 (0.6-0.9)	0.3 (0.3-0.3)	0.8 (0.7-0.9)	0.3 (0.2-0.4)	0.8 (0.7-0.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	134	118	133	117	136	120
Hawaii	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	157	164	152	168	164
Idaho	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	172	164	169	162	170	163
Illinois	0.2 (0.1-0.2)	0.3 (0.2-0.3)	0.2 (0.1-0.2)	0.3 (0.2-0.3)	0.2 (0.1-0.2)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	141	137	142	134	144	138
Indiana	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.3 (0.2-0.3)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	147	137	150	136	149	139
Iowa	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	139	157	140	160	144
Kansas	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	146	139	149	142	151	145
Kentucky	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	154	148	153	148	152	150
Louisiana	0.3 (0.3-0.4)	0.5 (0.5-0.6)	0.3 (0.3-0.4)	0.6 (0.5-0.6)	0.3 (0.3-0.4)	0.5 (0.5-0.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	128	137	125	139	131
Maine	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	171	170	166	167	167	172
Maryland	0.2 (0.2-0.3)	1 (0.8-1.1)	0.2 (0.2-0.2)	1 (0.9-1.1)	0.2 (0.2-0.2)	1 (0.8-1.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	136	112	137	110	144	116
Massachusetts	0.1 (0.1-0.1)	0.3 (0.3-0.3)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	0.1 (0-0.1)	0.3 (0.3-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	151	134	148	132	148	131

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
Michigan	0.1 (0.1-0.2)	0.4 (0.3-0.4)	0.1 (0.1-0.2)	0.4 (0.3-0.4)	0.1 (0.1-0.2)	0.4 (0.3-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	141	131	141	131	145	135
Minnesota	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	158	140	157	140	161	143
Mississippi	0.4 (0.3-0.4)	0.7 (0.6-0.8)	0.4 (0.3-0.4)	0.7 (0.6-0.8)	0.4 (0.3-0.4)	0.7 (0.6-0.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	121	139	123	139	129
Missouri	0.1 (0.1-0.1)	0.3 (0.3-0.4)	0.1 (0.1-0.2)	0.3 (0.3-0.4)	0.1 (0.1-0.2)	0.3 (0.3-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	145	135	145	130	149	135
Montana	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	172	174	170	177	172	175
Nebraska	0.1 (0-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	153	142	152	143	155	149
Nevada	0.1 (0.1-0.1)	0.3 (0.3-0.4)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	150	128	148	132	151	134
New Hampshire	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	167	161	166	158	168	161
New Jersey	0.2 (0.2-0.2)	0.5 (0.4-0.6)	0.2 (0.1-0.2)	0.5 (0.4-0.6)	0.1 (0.1-0.2)	0.5 (0.4-0.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	141	124	141	124	145	125
New Mexico	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	166	164	162	169	167
New York	0.2 (0.2-0.2)	0.7 (0.6-0.8)	0.2 (0.1-0.2)	0.7 (0.6-0.8)	0.2 (0.1-0.2)	0.7 (0.6-0.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	139	116	139	115	142	120
North Carolina	0.2 (0.2-0.2)	0.6 (0.5-0.7)	0.2 (0.2-0.2)	0.6 (0.5-0.7)	0.2 (0.2-0.2)	0.6 (0.5-0.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	139	125	139	121	144	129
North Dakota	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	176	162	177	166	174
Ohio	0.1 (0.1-0.1)	0.3 (0.2-0.3)	0.1 (0.1-0.2)	0.3 (0.2-0.3)	0.1 (0.1-0.2)	0.3 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	143	138	146	137	147	140
Oklahoma	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	151	144	149	144	151	150
Oregon	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	153	165	150	167	150
Pennsylvania	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	144	138	147	138	149	141
Rhode Island	0 (0-0.1)	0.3 (0.3-0.4)	0 (0-0.1)	0.3 (0.3-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	158	131	152	131	156	133
South Carolina	0.4 (0.4-0.4)	0.6 (0.6-0.8)	0.4 (0.4-0.4)	0.6 (0.6-0.7)	0.4 (0.3-0.4)	0.6 (0.5-0.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	132	123	135	122	140	130
South Dakota	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	172	161	169	167	169
Tennessee	0.2 (0.2-0.2)	0.4 (0.3-0.4)	0.2 (0.2-0.2)	0.4 (0.4-0.5)	0.2 (0.1-0.2)	0.4 (0.3-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	140	133	145	133	144	137
Texas	0.1 (0.1-0.2)	0.3 (0.3-0.4)	0.1 (0.1-0.2)	0.4 (0.3-0.4)	0.1 (0.1-0.2)	0.4 (0.3-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	146	131	147	130	150	132
Utah	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	157	164	155	167	158
Vermont	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	173	149	170	150	174	153
Virginia	0.2 (0.2-0.2)	0.5 (0.4-0.6)	0.2 (0.2-0.2)	0.5 (0.5-0.6)	0.2 (0.1-0.2)	0.5 (0.4-0.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	140	125	140	120	144	129
Washington	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	141	159	142	162	144
West Virginia	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	158	154	156	154	155	157
Wisconsin	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	149	138	150	137	152	141
Wyoming	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	167	159	167	157	169	166

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
Southern Latin America	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	194	193	202	186	191	186
Argentina	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	193	195	202	192	191	193
Chile	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	185	201	179	200	178
Uruguay	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	179	186	186	184	177	187
Western Europe	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	181	152	175	150	176	152
Andorra	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	149	135	150	134	151	131
Austria	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	181	152	179	150	178	149
Belgium	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	162	170	162	169	164
Cyprus	0.1 (0.1-0.2)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0-0.1)	0.2 (0.2-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	144	140	146	136	148	137
Denmark	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	152	183	148	184	147
Finland	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	184	153	183	148	183	152
France	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	148	165	143	165	142
Germany	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	157	178	154	178	157
Greece	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.4 (0.3-0.4)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	150	112	150	116	147	120
Iceland	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	155	170	149	171	150
Ireland	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	154	170	149	168	148
Israel	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	145	167	141	166	142
Italy	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	148	180	147	184	145
Abruzzo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	168	182	163	183	162
Basilicata	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	166	181	159	182	159
Calabria	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	179	144	176	143	179	142
Campania	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	181	152	180	148	182	148
Emilia-Romagna	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	142	180	142	181	141
Friuli-Venezia Giulia	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	181	151	182	144	183	142
Lazio	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	149	181	149	183	147
Liguria	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	147	181	145	183	141
Lombardia	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	150	182	149	184	148
Marche	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	181	148	181	148	182	146
Molise	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	159	182	157	186	153

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
Piemonte	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	161	183	155	184	153
Provincia autonoma di Bolzano	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	180	151	179	150	184	148
Provincia autonoma di Trento	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	181	155	182	150	184	146
Puglia	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	157	183	155	184	153
Sardegna	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	169	182	162	183	163
Sicilia	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	174	132	168	134	174	138
Toscana	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	158	182	154	184	153
Umbria	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	153	177	149	179	150
Valle d'Aosta	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	171	181	170	184	169
Veneto	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	181	144	181	143	183	141
Luxembourg	0 (0-0)	0.4 (0.4-0.5)	0 (0-0)	0.5 (0.4-0.6)	0 (0-0)	0.4 (0.4-0.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	123	173	118	169	114
Malta	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	172	142	168	140	165	143
Monaco	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	145	157	142	160	145
Netherlands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	174	163	178	164	176
Norway	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	160	189	162	189	159
Agder	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	163	192	166	189	165
Innlandet	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	159	189	159	189	161
Møre og Romsdal	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	157	187	154	188	158
Nordland	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	161	188	164	186	162
Oslo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	159	188	161	188	161
Rogaland	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	159	184	160	185	158
Troms og Finnmark	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	160	188	160	186	160
Trøndelag	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	189	161	187	159	188	159
Vestfold og Telemark	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	185	158	185	159	189	162
Vestland	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	159	187	157	188	156
Viken	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	159	189	158	189	157
Portugal	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	135	169	133	165	135
San Marino	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	160	150	159	148	159	146
Spain	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	184	155	178	150	175	148

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
Sweden	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	185	153	186	151	185	148
Stockholm	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	184	152	186	149	185	145
Sweden except Stockholm	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	185	153	184	151	184	149
Switzerland	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	139	178	137	177	135
United Kingdom	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	167	154	164	149	163	147
England	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	153	165	149	165	147
East Midlands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	156	170	155	167	152
Derby	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	156	166	155	165	153
Derbyshire	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	163	175	162	172	161
Leicester	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	147	163	149	165	146
Leicestershire	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	179	162	178	162	177	158
Lincolnshire	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	179	166	177	163	177	161
Northamptonshire	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	143	163	145	160	145
Nottingham	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	148	165	148	164	143
Nottinghamshire	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	164	175	163	172	160
Rutland	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	145	155	144	156	146	156
East of England	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	170	150	168	146	166	147
Bedford	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	167	142	161	140	162	141
Cambridgeshire	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	157	172	155	169	151
Central Bedfordshire	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	161	165	163	164	155
Essex	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	170	149	167	147	164	144
Hertfordshire	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	145	164	146	164	145
Luton	0.1 (0-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	152	151	149	151	150	147
Norfolk	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	181	159	178	155	178	151
Peterborough	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	159	174	156	173	151
Southend-on-Sea	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	160	160	158	160	155
Suffolk	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	170	141	169	140	166	144
Thurrock	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	154	136	147	138	151	137
Greater London	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	150	141	147	133	148	133

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
Barking and Dagenham	0.1 (0.1-0.1)	0.2 (0.1-0.3)	0.1 (0.1-0.1)	0.2 (0.1-0.3)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	147	137	145	132	144	132
Barnet	0 (0-0)	0.2 (0.1-0.2)	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	157	133	149	131	149	132
Bexley	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	153	140	150	139	151	139
Brent	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	152	140	147	136	145	134
Bromley	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	140	159	141	160	138
Camden	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	160	143	158	142	155	137
Croydon	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	147	136	143	132	141	129
Ealing	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	147	142	148	140	148	139
Enfield	0.1 (0.1-0.1)	0.4 (0.3-0.6)	0.1 (0.1-0.1)	0.4 (0.3-0.6)	0.1 (0.1-0.1)	0.4 (0.3-0.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	148	119	146	118	145	118
Greenwich	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.3)	0.1 (0.1-0.1)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	148	137	145	132	143	130
Hackney	0.2 (0.2-0.2)	0.5 (0.3-0.7)	0.2 (0.2-0.2)	0.5 (0.4-0.7)	0.2 (0.1-0.2)	0.5 (0.4-0.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	138	123	138	119	138	117
Hammersmith and Fulham	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	148	144	148	144	147	138
Haringey	0.1 (0.1-0.2)	0.5 (0.3-0.7)	0.1 (0.1-0.2)	0.5 (0.4-0.7)	0.1 (0.1-0.1)	0.5 (0.4-0.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	139	120	139	118	139	114
Harrow	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	156	160	153	155	147
Havering	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	145	161	144	162	147
Hillingdon	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	172	148	170	148	169	146
Hounslow	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	162	142	156	141	154	140
Islington	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	156	157	152	151	150	148
Kensington and Chelsea	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	153	159	151	161	152	156
Kingston upon Thames	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	173	144	170	139	168	141
Lambeth	0.2 (0.2-0.2)	0.3 (0.2-0.5)	0.2 (0.2-0.2)	0.4 (0.3-0.5)	0.1 (0.1-0.2)	0.4 (0.3-0.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	143	132	140	124	139	124
Lewisham	0.1 (0.1-0.2)	0.2 (0.2-0.3)	0.1 (0.1-0.2)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	143	135	140	129	143	126
Merton	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	138	159	137	160	135
Newham	0.2 (0.2-0.2)	0.2 (0.1-0.3)	0.2 (0.2-0.2)	0.2 (0.1-0.3)	0.2 (0.1-0.2)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	138	139	138	134	133	128
Redbridge	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	158	143	156	143	152	138
Richmond upon Thames	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	173	147	171	143	171	142
Southwark	0.2 (0.2-0.2)	0.3 (0.2-0.4)	0.2 (0.2-0.2)	0.3 (0.2-0.5)	0.2 (0.2-0.2)	0.4 (0.3-0.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	141	133	139	123	138	122
Sutton	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	148	163	148	163	145
Tower Hamlets	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	159	154	156	150	153	147

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
Waltham Forest	0.1 (0.1-0.1)	0.2 (0.1-0.3)	0.1 (0.1-0.1)	0.2 (0.1-0.3)	0.1 (0.1-0.1)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	147	137	142	133	143	129
Wandsworth	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	145	146	145	140	143	139
Westminster	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	154	148	152	148	150	146
North East England	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	180	161	179	158	179	156
County Durham	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	179	163	178	163	178	162
Darlington	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	174	164	174	163	172	163
Gateshead	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	154	175	152	176	152
Hartlepool	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	160	177	158	174	159
Middlesbrough	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	173	154	172	149	169	151
Newcastle upon Tyne	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	153	177	147	177	148
North Tyneside	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	153	175	151	175	149
Northumberland	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	180	162	177	162	178	157
Redcar and Cleveland	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	173	159	174	160	172	161
South Tyneside	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	174	162	174	162	171	160
Stockton-on-Tees	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	155	177	156	176	151
Sunderland	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	163	177	162	177	160
North West England	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	170	156	168	156	167	153
Blackburn with Darwen	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	155	160	151	155	147
Blackpool	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	162	165	162	164	162
Bolton	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	153	175	152	173	151
Bury	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	163	162	164	158	157
Cheshire East	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	158	174	156	172	154
Cheshire West and Chester	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	160	174	161	172	158
Cumbria	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	163	176	161	175	158
Halton	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	163	171	163	174	157
Knowsley	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	173	163	172	162	172	160
Lancashire	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	162	172	162	171	159
Liverpool	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	162	149	160	148	162	146
Manchester	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	155	144	151	143	151	135

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
Oldham	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	164	163	164	164	163
Rochdale	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	163	174	163	173	163
Salford	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	143	164	142	164	138
Sefton	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	163	165	161	162	158
St Helens	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	162	173	161	172	159
Stockport	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	158	169	156	166	152
Tameside	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	148	175	147	169	143
Trafford	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	170	163	166	162	167	159
Warrington	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	161	165	160	159	158
Wigan	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	172	151	171	152	171	151
Wirral	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	167	156	162	153	163	152
South East England	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	172	152	170	153	167	151
Bracknell Forest	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	159	154	158	155	157	149
Brighton and Hove	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	173	160	165	158	165	151
Buckinghamshire	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	172	146	170	144	170	144
East Sussex	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	164	170	160	169	158
Hampshire	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	146	176	150	175	147
Isle of Wight	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	179	162	174	160	176	159
Kent	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	171	153	168	153	166	151
Medway	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	148	166	148	166	147
Milton Keynes	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	136	160	137	159	135
Oxfordshire	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	151	168	149	165	147
Portsmouth	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	163	172	163	173	161
Reading	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	166	156	163	152	159
Slough	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	146	145	147	145	148	146
Southampton	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	167	159	162	158	162	151
Surrey	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	174	155	172	152	170	151
West Berkshire	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	163	177	158	176	155
West Sussex	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	158	164	156	161	155

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
Windsor and Maidenhead	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	162	155	160	157	164	154
Wokingham	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	157	160	157	160	158
South West England	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	158	173	157	173	155
Bath and North East Somerset	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	167	150	168	150	168	147
Bournemouth	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	149	178	146	174	145
Bristol, City of	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	144	159	146	156	140
Corwall	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	167	181	165	180	162
Devon	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	174	163	172	159	172	158
Dorset	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	180	159	178	160	178	154
Gloucestershire	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	167	157	162	156	159	153
North Somerset	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	159	176	159	173	156
Plymouth	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	162	176	162	173	161
Poole	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	159	161	159	163	158
Somerset	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	166	172	167	173	160
South Gloucestershire	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	179	148	172	149	176	148
Swindon	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	180	164	178	162	176	158
Torbay	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	164	176	161	176	157
Wiltshire	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	180	163	177	159	180	154
West Midlands	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	155	164	154	165	151
Birmingham	0 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	156	146	150	143	150	140
Coventry	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	151	162	150	160	147
Dudley	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	145	163	146	163	149
Herefordshire, County of	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	162	177	165	178	162
Sandwell	0.1 (0-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	152	149	147	144	149	145
Shropshire	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	162	175	163	177	157
Solihull	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	149	163	148	165	149
Staffordshire	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	170	161	169	160	167	158
Stoke-on-Trent	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	180	165	176	166	174	164
Telford and Wrekin	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	145	171	144	172	149

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
Walsall	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	167	164	163	166	162	163
Warwickshire	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	160	169	164	168	161
Wolverhampton	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	149	160	148	159	151	155
Worcestershire	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	161	173	163	171	162
Yorkshire and the Humber	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	173	160	170	160	166	157
Bamsley	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	162	176	161	176	161
Bradford	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	155	165	152	163	150
Calderdale	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	179	166	175	164	175	162
Doncaster	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	180	167	179	168	178	163
East Riding of Yorkshire	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	179	163	178	162	179	160
Kingston upon Hull, City of	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	167	155	166	153	162	149
Kirklees	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	166	163	164	162	161
Leeds	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	149	162	149	157	149
North East Lincolnshire	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	165	173	164	172	160
North Lincolnshire	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	174	163	177	163	177	163
North Yorkshire	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	174	162	171	164	172	159
Rotherham	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	173	163	168	162	167	162
Sheffield	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	153	163	153	163	150
Wakefield	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	171	164	168	163	166	164
York	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	164	176	161	174	158
Northern Ireland	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	167	153	163	150	161	148
Scotland	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	153	164	153	159	150
Wales	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	151	162	150	160	146
Latin America and Caribbean	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	155	168	149	166	152	168
Andean Latin America	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	179	175	180	173	177
Bolivia (Plurinational State of)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	170	183	168	186	168	182
Ecuador	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	174	184	174	170	174
Peru	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	174	179	173	178	178	175
Caribbean	0.8 (0.7-1)	0.3 (0.2-0.4)	0.8 (0.6-1)	0.3 (0.2-0.4)	0.8 (0.6-1)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	120	141	120	139	124	146

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
Antigua and Barbuda	2.6 (2.4-2.8)	0.4 (0.3-0.5)	2.1 (1.9-2.3)	0.4 (0.3-0.5)	2.8 (2.5-3)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	90	132	90	129	81	133
Bahamas	2.1 (1.9-2.3)	0.3 (0.2-0.5)	1.8 (1.6-2)	0.4 (0.2-0.5)	2 (1.6-2.5)	0.3 (0.2-0.5)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	96	130	95	133	96	131
Barbados	1.2 (1.1-1.3)	0.3 (0.2-0.4)	1.1 (1-1.2)	0.3 (0.2-0.5)	0.8 (0.6-1)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	107	133	109	131	113	133
Belize	0.5 (0.4-0.5)	0.4 (0.3-0.5)	0.4 (0.4-0.5)	0.4 (0.3-0.5)	0.5 (0.5-0.6)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	138	129	132	127	133
Bermuda	1.7 (1.5-1.9)	0.4 (0.2-0.5)	1.3 (1.2-1.5)	0.3 (0.2-0.5)	1.6 (1.4-1.9)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	95	126	97	121	95	130
Cuba	0.4 (0.3-0.4)	0.1 (0.1-0.2)	0.4 (0.3-0.4)	0.1 (0.1-0.2)	0.5 (0.4-0.5)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	125	145	128	144	126	148
Dominica	1 (0.7-1.4)	0.3 (0.2-0.4)	1 (0.7-1.4)	0.3 (0.2-0.4)	0.9 (0.6-1.2)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	120	138	121	135	123	137
Dominican Republic	0.5 (0.3-0.7)	0.4 (0.2-0.5)	0.5 (0.3-0.7)	0.3 (0.2-0.5)	0.5 (0.3-0.7)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	115	125	116	124	119	127
Grenada	2.9 (2.7-3.2)	0.4 (0.3-0.5)	3.1 (2.8-3.4)	0.4 (0.3-0.6)	4.3 (3.7-4.9)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	87	133	85	130	75	135
Guyana	1.8 (1.6-2.2)	0.3 (0.2-0.4)	1.5 (1.3-1.7)	0.3 (0.2-0.5)	1.6 (1.2-2.2)	0.2 (0.2-0.3)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	106	140	109	136	110	141
Haiti	2.4 (1.3-3.4)	0.5 (0.3-0.7)	2.6 (1.4-3.6)	0.5 (0.3-0.7)	1.9 (1-3.1)	0.3 (0.2-0.5)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	98	134	97	131	107	141
Jamaica	2 (1.9-2.2)	1 (0.7-1.4)	1.8 (1.6-2)	1 (0.7-1.4)	2 (1.6-2.6)	0.6 (0.4-0.8)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	89	111	90	111	87	122
Puerto Rico	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	149	130	149	130	145	139
Saint Kitts and Nevis	1.7 (1.5-1.9)	0.3 (0.2-0.4)	1.7 (1.6-1.9)	0.4 (0.3-0.5)	2 (1.6-2.5)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	107	135	107	127	98	133
Saint Lucia	2.4 (2.2-2.6)	0.4 (0.3-0.5)	1.8 (1.6-2)	0.4 (0.3-0.5)	2.3 (1.8-2.8)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	92	133	94	131	93	134
Saint Vincent and the Grenadines	1.6 (1.4-1.7)	0.3 (0.2-0.4)	1.4 (1.2-1.5)	0.3 (0.2-0.4)	1.8 (1.6-2.1)	0.3 (0.2-0.4)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	107	134	105	132	103	138
Suriname	0.6 (0.4-0.8)	0.3 (0.2-0.5)	0.6 (0.4-0.8)	0.3 (0.2-0.5)	0.4 (0.3-0.6)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	128	139	127	135	131	140
Trinidad and Tobago	1.3 (1.1-1.4)	0.4 (0.2-0.5)	1 (1-1.1)	0.4 (0.2-0.5)	1 (0.8-1.2)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	108	132	110	133	115	137
United States Virgin Islands	0.4 (0.3-0.5)	0.3 (0.2-0.4)	0.3 (0.2-0.4)	0.3 (0.2-0.4)	0.2 (0.1-0.3)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	131	136	133	130	138	137
Central Latin America	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	187	176	192	176	193
Colombia	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	198	166	196	162	196
Costa Rica	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	153	201	153	198	152	198
El Salvador	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	202	199	201	200	204
Guatemala	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	208	197	206	197	206
Honduras	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	205	202	205	204	206
Mexico	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	189	195	184	188	187
Aguascalientes	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	195	198	196	197	192	197
Baja California	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	192	186	188	182	185	183
Baja California Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	184	179	182	178	181	179

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
Campeche	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	191	177	188	178	184	180
Chiapas	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	191	186	190	184	184	187
Chihuahua	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	194	195	192	195	185	192
Coahuila	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	190	195	185	190	186
Colima	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	190	192	188	187	183	190
Durango	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	190	198	189	194	186
Guanajuato	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	193	195	186	190	189
Guerrero	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	192	180	191	177	183	180
Hidalgo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	193	197	191	190	189
Jalisco	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	187	192	184	188	189
México	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	193	196	195	193	187	193
Mexico City	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	194	189	193	185	188	183
Michoacán de Ocampo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	194	194	187	190	189
Morelos	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	195	190	192	184	188	190
Nayarit	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	196	188	194	185	190	186
Nuevo León	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	192	178	189	178	186	182
Oaxaca	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	194	180	192	180	186	182
Puebla	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	199	196	197	189	192
Querétaro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	195	202	194	199	190	198
Quintana Roo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	192	180	187	179	187	181
San Luis Potosí	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	196	192	192	187	190	189
Sinaloa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	184	193	183	193	184
Sonora	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	189	196	185	190	187
Tabasco	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	169	180	168	178	171
Tamaulipas	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	194	176	187	176	186	177
Tlaxcala	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	190	197	188	192	187
Veracruz de Ignacio de la Llave	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	190	181	186	178	185	184
Yucatán	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	194	179	187	176	188	179
Zacatecas	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	195	202	195	199	191	199

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
Nicaragua	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	203	199	202	199	203
Panama	0.5 (0.4-0.5)	0 (0-0)	0.4 (0.4-0.5)	0 (0-0)	0.5 (0.4-0.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	122	202	125	201	123	201
Venezuela (Bolivarian Republic of)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	149	152	147	180	150	187
Tropical Latin America	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	157	153	147	156	146	151
Brazil	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	157	153	147	155	146	151
Acre	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	156	156	154	157	159
Alagoas	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	173	152	172	148	173
Amapá	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	178	152	175	156	177
Amazonas	0 (0-0)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	149	170	148	168	153
Bahia	0.2 (0.2-0.2)	0.1 (0.1-0.2)	0.4 (0.3-0.4)	0.1 (0.1-0.2)	0.3 (0.3-0.4)	0.2 (0.2-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	140	147	135	150	136	147
Ceará	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	167	172	159	173	158	176
Distrito Federal	0.3 (0.3-0.3)	0.6 (0.5-0.7)	0.4 (0.4-0.4)	0.5 (0.5-0.6)	0.3 (0.3-0.4)	0.5 (0.4-0.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	124	130	125	127	121
Espírito Santo	0.2 (0.1-0.2)	0.1 (0.1-0.2)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	0.2 (0.2-0.3)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	146	153	140	147	141	146
Goiás	0.2 (0.1-0.2)	0.2 (0.1-0.2)	0.2 (0.2-0.3)	0.1 (0.1-0.2)	0.3 (0.2-0.3)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	146	145	138	148	138	149
Maranhão	0.2 (0.2-0.3)	0.1 (0-0.1)	0.3 (0.2-0.3)	0.1 (0-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	152	173	152	176	150	174
Mato Grosso	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	153	157	152	162	148	162
Mato Grosso do Sul	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	153	157	153	158	154
Minas Gerais	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.2 (0.2-0.3)	0.1 (0.1-0.2)	0.3 (0.2-0.3)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	146	151	142	148	142	150
Pará	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	164	158	171	160	165
Paraíba	0.1 (0-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	169	160	171	157	168
Paraná	0 (0-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	163	161	165	162	164
Pernambuco	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	174	153	174	150	175
Piauí	0.2 (0.2-0.2)	0.2 (0.1-0.2)	0.3 (0.3-0.4)	0.2 (0.1-0.2)	0.4 (0.3-0.4)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	143	145	136	149	133	148
Rio de Janeiro	0.2 (0.2-0.2)	0.2 (0.1-0.2)	0.3 (0.3-0.3)	0.2 (0.1-0.2)	0.3 (0.3-0.4)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	143	145	136	148	136	153
Rio Grande do Norte	0 (0-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	168	159	173	154	171
Rio Grande do Sul	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	159	158	159	156	157
Rondônia	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	150	157	155	156	152
Roraima	0 (0-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	170	154	167	162	169	155
Santa Catarina	0 (0-0)	0 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	173	165	168	164	172	169

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
São Paulo	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	0.2 (0.2-0.2)	0.2 (0.1-0.2)	0.2 (0.2-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	152	142	145	142	146	143
Sergipe	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	148	151	142	154	141	150
Tocantins	0.1 (0.1-0.2)	0.2 (0.1-0.2)	0.2 (0.2-0.3)	0.2 (0.1-0.2)	0.2 (0.2-0.3)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	151	145	144	151	141	143
Paraguay	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	152	147	150	148	153	149
North Africa and Middle East	0.3 (0.2-0.3)	2.7 (2.1-3.4)	0.2 (0.2-0.3)	2.5 (2-3.2)	0.2 (0.2-0.3)	1.6 (1.2-2.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	143	65	147	64	143	80
North Africa and Middle East	0.3 (0.2-0.3)	2.7 (2.1-3.4)	0.2 (0.2-0.3)	2.5 (2-3.2)	0.2 (0.2-0.3)	1.6 (1.2-2.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	143	65	147	64	143	80
Afghanistan	0.6 (0.3-1.2)	0.9 (0.6-1.3)	0.5 (0.2-1.1)	0.9 (0.6-1.2)	0.5 (0.3-1.2)	1.3 (0.9-1.8)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	131	123	134	122	127	100
Algeria	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	156	128	157	129	161	129
Bahrain	5.9 (4.8-7.1)	20.3 (14.9-27.3)	3.5 (2.8-4.2)	19.3 (14-26.9)	2.5 (2-3)	17.3 (12.4-23.5)	0.2 (0.2-0.2)	0.7 (0.5-0.9)	0.2 (0.2-0.3)	1.2 (0.9-1.7)	0.2 (0.1-0.2)	1.1 (0.7-1.5)	62	26	58	17	59	16
Egypt	0.2 (0.2-0.3)	1.9 (1.4-2.5)	0.3 (0.2-0.3)	2 (1.4-2.5)	0.2 (0.2-0.3)	1.9 (1.4-2.4)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	138	68	128	68	129	67
Iran (Islamic Republic of)	0.2 (0.2-0.3)	3 (2.2-4)	0.2 (0.1-0.2)	3.2 (2.3-4.3)	0.1 (0.1-0.2)	2 (1.4-2.7)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	124	56	137	53	141	65
Alborz	0.1 (0.1-0.2)	3.2 (2.3-4.5)	0.1 (0.1-0.2)	3.4 (2.4-4.7)	0.1 (0.1-0.1)	2.1 (1.5-2.9)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.1 (0.1-0.1)	135	48	141	42	147	52
Ardebil	0.1 (0.1-0.2)	2.9 (2.1-3.9)	0.1 (0.1-0.2)	3 (2.2-4)	0.1 (0.1-0.2)	2 (1.4-2.7)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	137	52	148	49	145	64
Bushehr	0.4 (0.2-0.4)	3.4 (2.5-4.6)	0.3 (0.2-0.3)	3.6 (2.6-4.9)	0.2 (0.1-0.3)	2.3 (1.6-3.1)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.1 (0.1-0.1)	105	48	120	44	121	53
Chahar Mahaal and Bakhtiari	0.2 (0.2-0.3)	3.2 (2.3-4.2)	0.1 (0.1-0.2)	3.4 (2.5-4.6)	0.1 (0.1-0.2)	2.1 (1.6-2.9)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	116	47	123	44	122	50
East Azarbayegan	0.1 (0.1-0.2)	2.9 (2-3.9)	0.1 (0-0.2)	3 (2.1-4.2)	0.1 (0-0.2)	1.9 (1.4-2.6)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	135	59	145	58	151	67
Fars	0.3 (0.2-0.3)	3 (2.1-4)	0.2 (0.1-0.2)	3.2 (2.3-4.5)	0.2 (0.1-0.3)	2 (1.4-2.7)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	117	53	124	50	125	62
Gilan	0.2 (0.2-0.3)	2.9 (2.1-3.9)	0.2 (0.1-0.2)	3.1 (2.2-4.3)	0.2 (0.1-0.2)	2 (1.4-2.7)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	111	50	121	48	124	59
Golestan	0.3 (0.2-0.3)	2.9 (2.1-4)	0.2 (0.1-0.3)	3.2 (2.3-4.4)	0.2 (0.2-0.3)	2 (1.4-2.8)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	118	55	128	52	126	68
Hamadan	0.1 (0.1-0.2)	2.8 (2-3.8)	0.1 (0.1-0.2)	2.9 (2-4)	0.1 (0.1-0.1)	1.8 (1.3-2.5)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	136	55	146	57	147	66
Hormozgan	0.4 (0.2-0.6)	2.7 (2-3.7)	0.3 (0.2-0.4)	3.2 (2.3-4.3)	0.3 (0.1-0.4)	2 (1.4-2.7)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	107	57	118	53	120	63
Ilam	0.2 (0.2-0.3)	3 (2.1-4.1)	0.2 (0.1-0.2)	3.2 (2.3-4.4)	0.2 (0.1-0.2)	2 (1.5-2.8)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	117	55	121	49	122	64
Isfahan	0.1 (0.1-0.2)	3.1 (2.2-4.2)	0.1 (0.1-0.2)	3.2 (2.3-4.4)	0.1 (0.1-0.2)	2.1 (1.5-2.8)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.1 (0.1-0.1)	129	46	143	45	142	62
Kerman	0.3 (0.2-0.3)	2.8 (2-3.8)	0.2 (0.1-0.2)	3.1 (2.2-4.3)	0.2 (0.1-0.2)	1.9 (1.4-2.6)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	118	60	128	55	135	66
Kermanshah	0.2 (0.1-0.3)	2.8 (2.1-3.9)	0.1 (0.1-0.2)	3 (2.1-4.1)	0.1 (0.1-0.2)	1.9 (1.3-2.5)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	127	59	137	53	139	64
Khorasan-e-Razavi	0.1 (0.1-0.3)	2.8 (2-3.9)	0.1 (0.1-0.2)	3.1 (2.2-4.2)	0.1 (0.1-0.2)	1.9 (1.4-2.6)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	134	62	144	59	148	69
Khuzestan	0.3 (0.2-0.4)	3.2 (2.3-4.4)	0.3 (0.2-0.3)	3.5 (2.5-4.8)	0.3 (0.2-0.3)	2.1 (1.5-2.9)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	117	55	123	46	121	65
Kohgiluyeh and Boyer-Ahmad	0.2 (0.2-0.3)	3.1 (2.2-4.1)	0.2 (0.1-0.2)	3.2 (2.3-4.5)	0.2 (0.1-0.2)	2.1 (1.5-2.9)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.1 (0.1-0.1)	111	44	119	43	119	54
Kurdistan	0.1 (0.1-0.2)	2.9 (2.1-4)	0.1 (0-0.2)	3.1 (2.2-4.1)	0.1 (0-0.1)	1.9 (1.4-2.6)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	141	53	146	54	149	65

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
Lorestan	0.2 (0.2-0.3)	3 (2.1-4.1)	0.2 (0.1-0.2)	3.2 (2.3-4.4)	0.2 (0.1-0.2)	2 (1.4-2.7)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	121	60	127	59	127	68
Markazi	0.1 (0.1-0.2)	2.7 (2-3.7)	0.1 (0-0.2)	2.9 (2-3.9)	0.1 (0-0.1)	1.9 (1.3-2.5)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	135	58	145	56	152	69
Mazandaran	0.3 (0.2-0.3)	3 (2.2-4.1)	0.2 (0.1-0.3)	3.2 (2.3-4.3)	0.2 (0.1-0.3)	2 (1.4-2.7)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	112	46	117	44	123	58
North Khorasan	0.1 (0.1-0.2)	2.9 (2.1-3.9)	0.1 (0-0.2)	3.1 (2.2-4.3)	0.1 (0-0.2)	1.9 (1.4-2.6)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	144	60	148	56	152	71
Qazvin	0.1 (0.1-0.2)	2.9 (2.1-4)	0.1 (0.1-0.2)	3.1 (2.2-4.2)	0.1 (0.1-0.1)	2 (1.4-2.8)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	133	57	144	54	145	64
Qom	0.1 (0.1-0.3)	3.1 (2.2-4.1)	0.1 (0.1-0.2)	3.4 (2.4-4.6)	0.1 (0.1-0.1)	2.1 (1.5-2.8)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	134	59	142	52	143	60
Semnan	0.2 (0.2-0.3)	2.9 (2.1-3.9)	0.1 (0.1-0.2)	3.1 (2.2-4.2)	0.1 (0.1-0.1)	2 (1.4-2.7)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	119	60	132	54	131	59
Sistan and Baluchistan	0.3 (0.2-0.4)	2.8 (2-3.9)	0.3 (0.2-0.4)	3 (2.1-4.1)	0.3 (0.2-0.4)	1.9 (1.4-2.6)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	122	54	129	58	126	71
South Khorasan	0.1 (0-0.2)	2.7 (2-3.6)	0 (0-0.1)	2.8 (2-3.8)	0 (0-0.1)	1.9 (1.4-2.5)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	148	59	154	56	157	69
Tehran	0.4 (0.2-0.5)	3.2 (2.3-4.4)	0.2 (0.1-0.3)	3.3 (2.4-4.4)	0.2 (0.1-0.3)	2 (1.4-2.8)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.1 (0.1-0.1)	112	50	121	46	126	62
West Azarbayejan	0.1 (0.1-0.2)	2.9 (2.1-4)	0.1 (0-0.2)	3.1 (2.2-4.2)	0.1 (0-0.1)	2 (1.4-2.7)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	133	54	150	48	151	62
Yazd	0.1 (0.1-0.2)	2.9 (2.1-3.9)	0.1 (0.1-0.2)	3.1 (2.2-4.2)	0.1 (0-0.1)	2 (1.4-2.8)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	132	60	145	55	150	65
Zanjan	0.1 (0.1-0.2)	2.9 (2.1-3.9)	0.1 (0-0.1)	3 (2.1-4.1)	0.1 (0-0.1)	2 (1.4-2.6)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	138	54	148	52	151	63
Iraq	0.4 (0.2-0.5)	1.4 (1-1.8)	0.3 (0.2-0.4)	1.4 (1.1-1.9)	0.2 (0.2-0.3)	1.4 (1.1-1.9)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	128	90	130	85	133	86
Jordan	0.4 (0.3-0.5)	1.3 (0.9-1.8)	0.3 (0.2-0.3)	1.3 (0.9-1.8)	0.2 (0.1-0.2)	1.4 (1-1.9)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	116	87	114	80	114	69
Kuwait	0.1 (0.1-0.2)	0.7 (0.5-1)	0.1 (0.1-0.1)	0.8 (0.6-1.1)	0.1 (0.1-0.1)	0.9 (0.6-1.2)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	130	88	131	76	138	72
Lebanon	0.3 (0.2-0.4)	0.8 (0.6-1.1)	0.2 (0.2-0.3)	0.8 (0.6-1)	0.2 (0.1-0.3)	0.8 (0.6-1.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	132	102	130	103	129	102
Libya	0.3 (0.2-0.5)	3.2 (2.4-4.3)	0.3 (0.2-0.5)	3.4 (2.5-4.6)	0.4 (0.2-0.7)	3.7 (2.7-4.9)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	128	64	131	61	121	61
Morocco	0.1 (0-0.1)	0.2 (0.1-0.2)	0.1 (0-0.1)	0.2 (0.1-0.3)	0.1 (0-0.1)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	151	131	152	132	157	135
Oman	0.9 (0.6-1.1)	5.1 (3.8-6.6)	0.8 (0.6-1)	5.2 (3.9-6.8)	0.5 (0.4-0.7)	5.6 (4-7.7)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	95	48	98	46	106	34
Palestine	0.2 (0.1-0.3)	1.2 (0.9-1.7)	0.2 (0.1-0.3)	1.3 (1-1.8)	0.2 (0.1-0.2)	1.4 (1-1.9)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	131	88	130	86	131	79
Qatar	0.2 (0.1-0.2)	1.8 (1.3-2.6)	0.1 (0.1-0.2)	2 (1.4-2.8)	0.1 (0-0.1)	1.7 (1.2-2.4)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.3)	129	74	133	64	138	58
Saudi Arabia	1.4 (1-1.7)	28.8 (22-36.4)	1.1 (0.9-1.3)	23.9 (18.6-30)	1 (0.8-1.2)	7.7 (5.7-10)	0.1 (0-0.1)	1.1 (0.8-1.4)	0 (0-0.1)	1 (0.8-1.3)	0 (0-0.1)	0.4 (0.3-0.5)	91	17	97	18	95	38
Sudan	0.6 (0.4-1)	8.3 (6.4-10.8)	0.5 (0.3-1)	8.6 (6.5-11)	0.5 (0.3-0.9)	5.9 (4.3-7.9)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.2 (0.1-0.3)	119	40	121	37	123	45
Syrian Arab Republic	0.2 (0.1-0.2)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	133	136	135	130	138	132
Tunisia	0.1 (0.1-0.3)	1.2 (0.9-1.6)	0.1 (0.1-0.2)	1.3 (1-1.8)	0.1 (0.1-0.2)	1.2 (0.9-1.7)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	136	81	138	79	143	82
Türkiye	0.2 (0.1-0.3)	0.4 (0.3-0.5)	0.1 (0.1-0.2)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.3 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	144	128	148	122	149	130
United Arab Emirates	0.2 (0.1-0.3)	0.5 (0.4-0.7)	0.2 (0.1-0.2)	0.6 (0.4-0.7)	0.1 (0-0.1)	0.5 (0.4-0.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	134	115	134	109	142	96
Yemen	0.1 (0-0.2)	0.2 (0.1-0.2)	0.1 (0-0.1)	0.2 (0.1-0.2)	0.1 (0-0.1)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	157	146	158	141	162	144

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
South Asia	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	167	196	162	195	163
South Asia	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	167	196	162	195	163
Bangladesh	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	203	206	204	209	206
Bhutan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	205	206	203	209	206
India	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	196	163	191	156	192	159
Nepal	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	208	205	207	205	209	207
Pakistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	206	207	208	209	210
Azad Jammu & Kashmir	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	205	206	207	207	209
Balochistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	205	206	208	208	210
Gilgit-Baltistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	206	206	208	208	210
Islamabad Capital Territory	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	205	204	207	207	208
Khyber Pakhtunkhwa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	206	207	208	209	211
Punjab	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	205	206	207	208	209
Sindh	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	205	206	207	208	209
Southeast Asia, East Asia, and Oceania	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	181	181	179	182	177
East Asia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	173	172	169	166	170	164
China	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	172	171	169	166	170	164
Democratic People's Republic of Korea	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	167	172	164	173	165	170
Taiwan (Province of China)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	161	191	156	196	157
Oceania	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	205	206	208	209
American Samoa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	199	198	201	199	201
Cook Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	196	194	199	198	199	194
Fiji	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	204	199	204	201	205
Guam	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	200	204	198	206	202
Kiribati	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	204	202	204	202	204
Marshall Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	204	199	203	196	201
Micronesia (Federated States of)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	204	202	204	202	205
Nauru	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	204	202	204	203	205
Niue	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	204	203	204	203	202

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
Northern Mariana Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	199	203	200	204	203
Palau	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	202	201	202	203	200
Papua New Guinea	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	206	204	205	207	208
Samoa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	203	200	203	199	202
Solomon Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	204	204	206	205	206
Tokelau	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	204	203	204	203	204
Tonga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	203	202	203	204	203
Tuvalu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	204	202	204	203	204
Vanuatu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	203	202	204	204	207
Southeast Asia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	209	206	210	208	212
Cambodia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	208	209	208	209	209	210
Indonesia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	208	205	208	207	209
Aceh	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	205	207	206	209
Bali	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	207	202	205	205	207
Bangka-Belitung Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	204	207	206	208
Banten	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	205	207	206	208	206
Bengkulu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	206	208	209	210
Gorontalo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	206	207	208	210
Jakarta	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	203	204	205	206
Jambi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	205	207	206	209
West Java	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	204	205	205	206
Central Java	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	206	203	205	205	207
East Java	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	207	203	205	205	206
West Kalimantan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	206	207	208	209
South Kalimantan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	207	204	207	206	208
Central Kalimantan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	206	205	207	206	208
East Kalimantan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	206	207	206	209
North Kalimantan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	203	203	204	206	204
Riau Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	205	206	206	207

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
Lampung	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	203	205	205	206
Maluku	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	208	207	208	209	210
North Maluku	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	208	207	208	209	210
West Nusa Tenggara	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	207	204	207	206	209
East Nusa Tenggara	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	206	207	207	210
Papua	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	206	207	208	210
West Papua	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	207	208	209	210
Riau	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	205	207	206	207
West Sulawesi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	206	208	209	210
South Sulawesi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	204	207	206	209
Central Sulawesi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	208	206	208	209	211
Southeast Sulawesi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	206	207	208	209
North Sulawesi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	206	207	208	209
West Sumatra	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	204	205	206	207
South Sumatra	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	206	201	203	203	205
North Sumatra	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	204	207	206	208
Yogyakarta	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	205	207	206	209
Lao People's Democratic Republic	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	209	207	208	209	210
Malaysia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	206	207	206	205	208
Maldives	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	200	199	200	199	198
Mauritius	0.6 (0.5-0.7)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	109	201	131	202	139	201
Myanmar	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	207	208	208	209
Philippines	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	208	207	208	208	210
Abra	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	206	201	206	203	208
Agusan Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	208	205	208	204	206
Agusan Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	208	204	208	206	209
Aklan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	208	203	207	206	208
Albay	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	207	205	207	206	209
Antique	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	208	207	208	206	209

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
Apayao	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	208	204	207	206	209
Aurora	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	207	206	207	206	208
Basilan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	205	201	206	201	208
Bataan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	208	205	207	207	209
Batanes	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	205	205	204	207	205
Batangas	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	208	205	207	205	209
Benguet	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	205	203	206	202	206
Biliran	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	207	202	207	202	209
Bohol	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	207	206	207	207	209
Bukidnon	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	208	206	208	207	209
Bulacan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	208	206	208	206	209
Cagayan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	208	205	208	205	209
Camarines Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	208	205	208	205	209
Camarines Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	208	206	208	206	209
Camiguin	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	206	204	206	204	208
Capiz	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	207	204	207	206	209
Catanduanes	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	206	208	208	209
Cavite	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	207	204	207	205	209
Cebu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	207	206	207	208	209
Cotabato (North Cotabato)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	207	206	207	206	208
Davao de Oro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	208	206	207	206	209
Davao Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	208	204	207	207	211
Davao Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	208	205	207	205	207
Davao Occidental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	207	204	208	205	209
Davao Oriental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	208	205	207	208	209
Dinagat Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	206	203	206	205	208
Eastern Samar	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	206	207	208	209
Guimaras	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	207	203	207	202	209
Ifugao	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	207	204	206	206	208

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
Ilocos Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	208	201	207	205	209
Ilocos Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	206	206	208	207	208
Iloilo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	206	208	205	208
Isabela	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	207	205	208	205	209
Kalinga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	208	204	208	200	209
La Union	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	208	204	207	206	209
Laguna	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	207	205	207	205	209
Lanao Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	208	206	208	205	207
Lanao Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	204	207	206	209
Leyte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	207	206	207	208	209
Maguindanao	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	207	205	208	208	210
Marinduque	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	207	203	207	205	209
Masbate	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	206	203	206	206	208
Misamis Occidental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	208	207	208	207	209
Misamis Oriental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	208	206	208	205	208
Mountain Province	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	208	207	208	208	209
National Capital Region	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	208	204	207	205	209
Negros Occidental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	208	207	208	205	209
Negros Oriental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	207	203	206	205	208
Northern Samar	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	207	204	207	206	209
Nueva Ecija	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	208	205	207	206	209
Nueva Vizcaya	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	206	204	206	205	207
Occidental Mindoro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	208	206	208	207	209
Oriental Mindoro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	207	206	208	206	209
Palawan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	208	207	208	208	209
Pampanga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	206	206	208	204	208
Pangasinan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	208	206	208	205	209
Quezon	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	208	207	208	206	209
Quirino	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	206	201	206	203	208

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
Rizal	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	208	206	208	205	209
Romblon	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	208	203	207	206	209
Samar (Western Samar)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	206	207	208	209
Sarangani	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	206	206	208	207	209
Siquijor	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	207	205	207	207	209
Sorsogon	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	207	206	207	208	209
South Cotabato	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	208	206	208	206	208
Southern Leyte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	207	204	207	205	209
Sultan Kudarat	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	206	202	205	204	209
Sulu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	206	208	207	209
Surigao Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	208	204	207	204	209
Surigao Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	208	206	208	205	209
Tarlac	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	207	205	207	206	208
Tawi-Tawi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	207	205	208	206	209
Zambales	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	208	206	208	205	208
Zamboanga Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	208	206	208	207	209
Zamboanga Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	208	206	208	205	208
Zamboanga Sibugay	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	207	206	207	206	209
Seychelles	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	196	202	200	203	197	202
Sri Lanka	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	206	204	205	204	205
Thailand	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	208	207	209	208	211	210
Timor-Leste	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	206	207	206	207
Viet Nam	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	201	199	202	198	202
Sub-Saharan Africa	0.9 (0.5-1.6)	0.4 (0.2-0.6)	1 (0.6-1.7)	0.5 (0.3-0.7)	1 (0.6-1.6)	0.5 (0.3-0.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	137	158	132	146	134	143
Central Sub-Saharan Africa	2 (0.4-7.5)	0.6 (0.3-0.9)	2.4 (0.5-9)	0.6 (0.4-1)	2.2 (0.5-7.7)	0.6 (0.4-1)	0 (0-0.2)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0 (0-0.2)	0 (0-0)	102	141	95	134	95	133
Angola	1 (0.2-2.4)	0.6 (0.3-0.9)	1 (0.3-2)	0.6 (0.4-1)	0.9 (0.3-2)	0.6 (0.4-0.9)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	126	139	123	133	123	134
Central African Republic	1.4 (0.2-7.9)	0.3 (0.2-0.4)	1.5 (0.2-8.2)	0.3 (0.2-0.5)	1.4 (0.2-7.8)	0.3 (0.2-0.5)	0 (0-0.1)	0 (0-0)	0 (0-0.2)	0 (0-0)	0 (0-0.1)	0 (0-0)	124	166	120	162	120	161
Congo	1.3 (0.3-3)	0.2 (0.1-0.3)	1.2 (0.2-2.6)	0.2 (0.1-0.4)	1 (0.3-2.2)	0.2 (0.1-0.4)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	127	170	123	158	125	155
Democratic Republic of the Congo	2.4 (0.4-9.8)	0.6 (0.4-1)	3 (0.4-12.6)	0.7 (0.4-1.2)	2.8 (0.5-11.1)	0.7 (0.4-1.1)	0.1 (0-0.2)	0 (0-0)	0.1 (0-0.3)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	96	133	87	133	86	130

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
Equatorial Guinea	1.7 (0.1-4)	0.5 (0.3-0.8)	1.5 (0.1-3.8)	0.6 (0.3-0.9)	1.3 (0.1-3)	0.6 (0.4-0.9)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	106	134	102	128	109	126
Gabon	0.9 (0-2.4)	0.3 (0.2-0.5)	1 (0-2.4)	0.4 (0.2-0.6)	0.8 (0-1.9)	0.4 (0.2-0.6)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	133	154	124	144	125	138
Eastern Sub-Saharan Africa	0.1 (0-0.2)	0.1 (0-0.1)	0.1 (0-0.3)	0.1 (0-0.1)	0.1 (0-0.3)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	184	188	176	181	173	178
Burundi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	196	199	194	196	195	199
Comoros	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	204	201	204	203	207
Djibouti	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	194	195	196	198	199	200
Eritrea	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	202	199	200	199	200
Ethiopia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	210	211	210	211	212	213
Addis Ababa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	209	210	208	209	211	212
Afar	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	210	211	210	211	212	213
Amhara	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	210	211	210	211	212	213
Benishangul-Gumuz	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	210	211	209	210	210	211
Dire Dawa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	209	210	208	209	211	212
Gambella	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	209	210	208	209	211	212
Harari	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	209	210	208	209	211	212
Oromia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	210	211	209	210	212	213
Somali	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	210	211	209	210	212	213
Southern Nations, Nationalities, and Peoples	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	210	211	209	210	211	213
Tigray	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	210	211	209	210	212	213
Kenya	0.1 (0.1-0.3)	0.2 (0.1-0.3)	0.2 (0.1-0.3)	0.2 (0.1-0.3)	0.1 (0.1-0.3)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	167	155	161	157	165	156
Baringo	0.1 (0.1-0.2)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	170	160	166	157	169	157
Bomet	0 (0-0.1)	0.1 (0.1-0.2)	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0-0.1)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	173	154	165	150	167	152
Bungoma	0.1 (0.1-0.3)	0.2 (0.1-0.4)	0.2 (0.1-0.4)	0.2 (0.1-0.4)	0.1 (0.1-0.3)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	153	159	154	166	157
Busia	0.3 (0.1-0.7)	0.2 (0.1-0.3)	0.3 (0.1-0.7)	0.2 (0.1-0.4)	0.3 (0.1-0.7)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	154	158	147	154	152	156
Elgeyo-Marakwet	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	156	165	160	171	163
Embu	0.1 (0-0.1)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	172	153	166	152	167	154
Garissa	0.1 (0.1-0.2)	0.2 (0.1-0.3)	0.1 (0.1-0.3)	0.2 (0.1-0.3)	0.1 (0.1-0.3)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	171	160	169	158	172	161
Homa Bay	0.3 (0.1-0.9)	0.2 (0.1-0.3)	0.4 (0.1-1.2)	0.2 (0.1-0.3)	0.3 (0.1-0.9)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	152	164	145	160	149	156
Isiolo	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	174	156	169	159	170	161

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
Kajiado	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	154	166	154	166	152
Kakamega	0.1 (0.1-0.3)	0.2 (0.1-0.3)	0.2 (0.1-0.4)	0.2 (0.1-0.3)	0.2 (0.1-0.3)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	160	157	155	159	155
Kericho	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	170	156	168	156	173	157
Kiambu	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	158	166	159	166	154
Kilifi	0.2 (0.1-0.5)	0.2 (0.1-0.3)	0.2 (0.1-0.5)	0.2 (0.1-0.3)	0.3 (0.1-0.6)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	157	154	153	155	149	155
Kirinyaga	0.1 (0-0.1)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	173	154	165	153	166	153
Kisii	0.3 (0.1-0.7)	0.2 (0.1-0.4)	0.4 (0.1-0.8)	0.2 (0.1-0.4)	0.2 (0.1-0.5)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	151	161	151	159	156	161
Kisumu	0.3 (0.1-0.5)	0.2 (0.1-0.3)	0.3 (0.1-0.7)	0.2 (0.1-0.3)	0.3 (0.1-0.6)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	155	162	154	164	151	162
Kitui	0.1 (0-0.2)	0.2 (0.1-0.2)	0.1 (0-0.2)	0.2 (0.1-0.2)	0.1 (0-0.1)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	160	172	153	171	157
Kwale	0.2 (0.1-0.6)	0.2 (0.1-0.4)	0.3 (0.1-0.6)	0.2 (0.1-0.4)	0.2 (0.1-0.6)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	155	156	154	156	155	157
Laikipia	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0-0.1)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	174	156	167	154	169	155
Lamu	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	174	154	168	154	168	155
Machakos	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0-0.1)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	158	174	157	174	157
Makueni	0.1 (0-0.1)	0.1 (0.1-0.2)	0.1 (0-0.2)	0.1 (0.1-0.2)	0.1 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	161	169	156	170	155
Mandera	0.1 (0.1-0.2)	0.2 (0.1-0.3)	0.1 (0.1-0.3)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	173	162	170	160	171	156
Marsabit	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	170	155	167	155	170	156
Meru	0.1 (0-0.1)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	155	171	155	171	156
Migori	0.3 (0.1-0.8)	0.2 (0.1-0.3)	0.5 (0.1-1.3)	0.2 (0.1-0.3)	0.4 (0.1-1)	0.2 (0.1-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	154	156	143	156	143	155
Mombasa	0.1 (0-0.3)	0.2 (0.1-0.4)	0.1 (0.1-0.3)	0.2 (0.1-0.4)	0.1 (0.1-0.3)	0.2 (0.1-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	162	143	155	146	156	144
Murang'a	0.1 (0-0.1)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0-0.1)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	174	156	168	156	168	152
Nairobi	0.1 (0.1-0.2)	0.2 (0.1-0.4)	0.2 (0.1-0.3)	0.2 (0.1-0.4)	0.1 (0.1-0.2)	0.2 (0.1-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	151	164	154	164	147
Nakuru	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	172	155	168	153	167	151
Nandi	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	171	158	164	155	168	155
Narok	0.1 (0-0.2)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	164	166	157	165	156
Nyamira	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.3 (0.1-0.7)	0.2 (0.1-0.3)	0.2 (0.1-0.5)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	166	157	164	159	164
Nyandarua	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0.1-0.3)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	173	159	165	161	163	158
Nyeri	0.1 (0-0.2)	0.1 (0.1-0.2)	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	174	161	167	160	168	157
Samburu	0.1 (0-0.1)	0.1 (0.1-0.2)	0.1 (0-0.2)	0.1 (0.1-0.2)	0.1 (0-0.2)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	171	158	168	159	170	157
Siaya	0.3 (0-1.1)	0.2 (0.1-0.3)	0.3 (0-0.8)	0.2 (0.1-0.3)	0.2 (0-0.6)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	149	155	147	154	149	155

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
Taita Taveta	0.1 (0-0.2)	0.1 (0.1-0.2)	0.1 (0-0.2)	0.1 (0.1-0.2)	0.1 (0-0.2)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	173	156	169	164	169	160
Tana River	0.1 (0-0.3)	0.1 (0.1-0.2)	0.2 (0.1-0.3)	0.2 (0.1-0.3)	0.1 (0.1-0.3)	0.1 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	172	168	170	168	171	168
Tharaka Nithi	0.1 (0-0.2)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	172	167	161	171	162
Trans Nzoia	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0.1-0.3)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	167	153	160	153	164	154
Turkana	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	171	157	170	158	170	158
Uasin Gishu	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.2 (0.1-0.3)	0.1 (0-0.2)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	155	164	154	165	148
Vihiga	0.2 (0.1-0.4)	0.2 (0.1-0.2)	0.3 (0.1-0.7)	0.2 (0.1-0.3)	0.2 (0.1-0.5)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	159	153	159	153	158
Wajir	0.1 (0.1-0.3)	0.2 (0.1-0.3)	0.1 (0.1-0.3)	0.2 (0.1-0.3)	0.1 (0.1-0.3)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	174	165	172	162	175	164
West Pokot	0.1 (0-0.2)	0.2 (0.1-0.3)	0.1 (0.1-0.3)	0.2 (0.1-0.3)	0.1 (0.1-0.3)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	155	162	153	165	154
Madagascar	0.1 (0-0.2)	0.1 (0-0.1)	0.1 (0-0.2)	0.1 (0.1-0.2)	0.1 (0-0.2)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	171	167	169	164	170
Malawi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	198	196	199	199	202
Mozambique	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	204	201	204	203	204
Rwanda	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	203	200	203	201	204
Somalia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	209	210	210	211	212	213
South Sudan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	203	201	203	205	207
Uganda	0.1 (0-0.2)	0.1 (0-0.1)	0.1 (0-0.2)	0.1 (0-0.1)	0.1 (0-0.2)	0.1 (0-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	173	180	170	174	169	170
United Republic of Tanzania	0.3 (0.1-1.3)	0.1 (0.1-0.2)	0.3 (0.1-1.4)	0.1 (0.1-0.2)	0.3 (0.1-1.6)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	155	172	148	166	147	163
Zambia	0.2 (0.1-0.5)	0.1 (0.1-0.2)	0.2 (0.1-0.5)	0.1 (0.1-0.2)	0.2 (0-0.4)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	175	158	167	159	162
Southern Sub-Saharan Africa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	205	205	207	205	207
Botswana	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	185	180	185	185	184
Eswatini	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	206	205	206	208	209
Lesotho	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	204	204	205	205	206
Namibia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	206	207	207	206
South Africa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	208	207	208	207	210	209
Eastern Cape	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	206	206	205	209	208
Free State	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	205	205	206	207	208
Gauteng	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	208	207	207	206	210	209
KwaZulu-Natal	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	208	207	207	206	210	209
Limpopo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	208	207	206	207	209	210

Location	50plus cause-specific SCD mortality rate (per 100,000 population), 2000	50plus total SCD mortality rate (per 100,000 population), 2000	50plus cause-specific SCD mortality rate (per 100,000 population), 2010	50plus total SCD mortality rate (per 100,000 population), 2010	50plus cause-specific SCD mortality rate (per 100,000 population), 2021	50plus total SCD mortality rate (per 100,000 population), 2021	50plus cause-specific mortality cause fraction, 2000	50plus total SCD mortality cause fraction, 2000	50plus cause-specific mortality cause fraction, 2010	50plus total SCD mortality cause fraction, 2010	50plus cause-specific mortality cause fraction, 2021	50plus total SCD mortality cause fraction, 2021	50plus cause-specific mortality rank 2000	50plus total SCD mortality rank 2000	50plus cause-specific mortality rank 2010	50plus total SCD mortality rank 2010	50plus cause-specific mortality rank 2021	50plus total SCD mortality rank 2021
Mpumalanga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	208	207	208	207	209	208
North-West	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	208	207	206	207	208	209
Northern Cape	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	207	205	206	207	208
Western Cape	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	206	206	205	209	208
Zimbabwe	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	204	201	204	201	206
Western Sub-Saharan Africa	1.5 (0.8-2.4)	0.7 (0.5-1.1)	1.6 (0.9-2.5)	0.9 (0.6-1.4)	1.6 (0.9-2.7)	0.9 (0.5-1.3)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	116	133	107	121	105	123
Benin	4.1 (1.7-6.2)	1.2 (0.8-1.7)	3.5 (1.6-6.4)	1.3 (0.9-1.9)	3.1 (1.5-5.8)	1 (0.7-1.6)	0.1 (0-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0.1)	0.1 (0-0.2)	0 (0-0)	77	113	79	107	84	111
Burkina Faso	3.8 (0.2-23.5)	1.7 (1.3-2.3)	3.6 (0.2-23.7)	2.3 (1.6-3.3)	3.1 (0.1-22.9)	1.2 (0.8-1.9)	0.1 (0-0.6)	0 (0-0.1)	0.1 (0-0.6)	0.1 (0-0.1)	0.1 (0-0.5)	0 (0-0)	85	113	83	97	89	114
Cabo Verde	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0.1 (0-0.1)	0.1 (0-0.2)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	167	171	156	157	160	163
Cameroon	1 (0.2-1.7)	0.4 (0.3-0.7)	1 (0.3-2)	0.5 (0.3-0.7)	0.9 (0.2-1.6)	0.5 (0.3-0.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	117	139	112	126	115	127
Chad	0.3 (0.1-0.6)	0.1 (0.1-0.2)	0.3 (0.1-0.6)	0.1 (0.1-0.2)	0.3 (0.1-0.5)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	158	174	157	175	155	172
Côte d'Ivoire	0.4 (0.2-0.8)	0.2 (0.1-0.3)	0.4 (0.2-0.7)	0.2 (0.1-0.3)	0.3 (0.2-0.6)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	140	160	136	154	139	148
Gambia	1.1 (0.2-6.5)	0.3 (0.2-0.5)	1.2 (0.3-6.4)	0.3 (0.2-0.5)	1.3 (0.3-6.9)	0.3 (0.2-0.5)	0 (0-0.2)	0 (0-0)	0 (0-0.2)	0 (0-0)	0 (0-0.1)	0 (0-0)	108	143	105	139	106	140
Ghana	2.5 (1.8-3.4)	0.6 (0.4-1)	2.5 (1.7-3.4)	0.7 (0.4-1)	2.2 (1.4-3.2)	0.6 (0.4-0.9)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	91	127	94	127	93	125
Guinea	1.9 (0.2-3.2)	0.9 (0.5-1.3)	2.1 (0.3-4)	0.9 (0.6-1.4)	2 (0.3-3.7)	1 (0.6-1.5)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	106	130	102	126	102	119
Guinea-Bissau	0.2 (0-1)	0 (0-0)	0.2 (0-1.1)	0 (0-0)	0.1 (0-0.9)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	189	164	191	164	189
Liberia	0.3 (0.1-1.2)	0.1 (0.1-0.2)	0.3 (0.1-1.3)	0.1 (0.1-0.2)	0.3 (0.1-1.2)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	151	172	142	162	140	157
Mali	0.9 (0.4-2.1)	0.2 (0.1-0.3)	0.9 (0.3-1.8)	0.2 (0.1-0.4)	0.8 (0.3-1.8)	0.2 (0.2-0.4)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	126	158	126	150	127	151
Mauritania	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	154	164	148	155	151	156
Niger	0.9 (0.3-1.5)	0.5 (0.4-0.8)	0.7 (0.3-1.2)	0.5 (0.3-0.7)	0.7 (0.3-1.3)	0.4 (0.3-0.7)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	115	134	122	130	124	134
Nigeria	1.3 (0.2-2.8)	0.8 (0.5-1.3)	1.6 (0.4-2.8)	1.2 (0.7-1.8)	1.9 (0.5-3.4)	1.2 (0.7-1.8)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0.1)	118	124	107	114	99	109
Sao Tome and Principe	0.8 (0.1-1.4)	0.6 (0.4-0.9)	0.9 (0.2-1.4)	0.8 (0.5-1.2)	0.9 (0.2-1.6)	0.8 (0.5-1.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	116	122	107	109	106	104
Senegal	0.6 (0.2-1.8)	0.4 (0.2-0.6)	0.7 (0.2-2)	0.4 (0.2-0.6)	0.6 (0.2-1.6)	0.4 (0.2-0.6)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	124	138	120	132	122	133
Sierra Leone	1.5 (0.1-2.8)	1.2 (0.8-1.9)	1.7 (0.2-3.1)	1.3 (0.8-2)	1.6 (0.1-3.5)	1.4 (0.9-2.1)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0.1)	0 (0-0.1)	0 (0-0.1)	104	106	101	105	100	102
Togo	4.5 (2.1-9)	0.9 (0.5-1.3)	4.5 (2-9)	0.9 (0.6-1.3)	4 (1.6-7.7)	0.9 (0.6-1.3)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.3)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	71	116	73	119	79	115

Table S22: All age sickle cell disease mortality metrics in 2000, 2010, and 2021

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
Global	0.5 (0.4-0.6)	4.3 (3.5-5.3)	0.5 (0.4-0.6)	4.5 (3.6-5.6)	0.4 (0.3-0.6)	4.8 (3.8-5.9)	0.1 (0-0.1)	0.5 (0.4-0.6)	0.1 (0-0.1)	0.6 (0.5-0.7)	0 (0-0.1)	0.5 (0.4-0.6)	142	41	141	37	140	34
Central Europe, Eastern Europe, and Central Asia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	213	196	212	194	210	192
Central Asia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	216	212	217	211	216	211
Armenia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	212	202	207	202	210	201
Azerbaijan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	210	210	209	208	210	206
Georgia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	214	208	214	206	215	206
Kazakhstan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	215	206	215	202	213	201
Kyrgyzstan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	215	205	214	202	215	202
Mongolia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	202	207	202	210	203
Tajikistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	208	192	207	193	209	195
Turkmenistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	216	206	211	202	209	202
Uzbekistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	214	198	214	200	208	198
Central Europe	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	165	196	168	196	166
Albania	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	192	186	196	185	198	182
Bosnia and Herzegovina	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	192	204	192	206	192
Bulgaria	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	198	176	197	175	195
Croatia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	190	165	190	164	187	164
Czechia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	196	199	196	199	198	200
Hungary	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	197	200	198	197	194
Montenegro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	183	203	180	203	181
North Macedonia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	190	199	188	202	185
Poland	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	136	184	141	186	142
Romania	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	185	194	183	193	181
Serbia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	212	202	212	202	212	200
Slovakia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	181	198	182	201	180
Slovenia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	196	182	201	180	204	179
Eastern Europe	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	211	208	212	205	211	204
Belarus	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	210	196	213	197	212	196
Estonia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	211	196	212	196	213	194

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
Latvia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	210	200	209	196	213	194
Lithuania	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	209	195	209	195	209	191
Republic of Moldova	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	212	194	211	198	213	198
Russian Federation	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	210	207	213	202	210	201
Ukraine	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	210	206	210	205	212	203
High-income	0.1 (0.1-0.1)	0.3 (0.3-0.3)	0.1 (0.1-0.1)	0.3 (0.2-0.3)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	133	160	132	160	136
Australasia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	158	191	158	197	161
Australia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	162	191	162	198	163
New Zealand	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	189	152	187	149	187	150
High-income Asia Pacific	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	195	194	199	193	196	193
Brunei Darussalam	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	192	186	190	183	188	182
Japan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	193	191	189	193	192
Aichi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	170	190	167	193	171
Akita	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	197	189	194	193	199
Aomori	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	184	198	186	195	191	196
Chiba	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	183	187	183	191	186
Ehime	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	184	199	188	197	191	199
Fukui	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	196	189	193	193	194
Fukuoka	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	198	189	192	196	196
Fukushima	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	185	196	190	195	194	196
Gifu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	185	194	189	193	190	194
Gunma	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	189	196	189	193	193	195
Hiroshima	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	184	196	188	191	191	193
Hokkaidō	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	197	185	196	192	198
Hyōgo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	185	194	189	189	193	190
Ibaraki	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	184	185	186	185	191	187
Ishikawa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	197	191	195	195	195
Iwate	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	184	198	189	198	193	196
Kagawa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	196	189	194	194	197

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
Kagoshima	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	197	192	196	193	195
Kanagawa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	190	194	190	190	195	191
Kōchi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	199	190	198	196	200
Kumamoto	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	189	196	189	192	194	195
Kyōto	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	189	199	191	194	194	196
Mie	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	196	188	195	194	197
Miyagi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	196	189	192	193	194
Miyazaki	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	197	191	195	193	194
Nagano	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	190	195	189	193	193	195
Nagasaki	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	189	197	190	196	197	198
Nara	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	195	187	193	193	195
Niigata	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	195	188	193	193	195
Ōita	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	198	190	196	194	198
Okayama	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	185	194	188	193	191	196
Okinawa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	192	193	194	188	197	190
Ōsaka	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	196	191	193	193	192
Saga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	198	191	196	195	195
Saitama	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	196	189	193	191	193
Shiga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	184	196	188	194	193	194
Shimane	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	196	188	194	194	194
Shizuoka	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	196	188	195	193	198
Tochigi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	185	194	188	191	192	195
Tokushima	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	198	191	197	197	198
Tōkyō	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	192	190	194	187	197	187
Tottori	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	185	194	190	195	196	199
Toyama	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	196	191	196	194	195
Wakayama	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	184	195	185	192	189	195
Yamagata	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	195	191	194	191	197
Yamaguchi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	195	189	194	192	194

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
Yamanashi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	197	191	194	194	196
Republic of Korea	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	188	197	187	196	181
Singapore	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	189	179	194	173	196	166
High-income North America	0.2 (0.2-0.2)	0.4 (0.4-0.4)	0.2 (0.2-0.2)	0.4 (0.4-0.4)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	142	124	143	126	149	129
Canada	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	158	165	160	166	161	179
Greenland	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	158	187	159	192	161
United States of America	0.2 (0.2-0.2)	0.5 (0.4-0.5)	0.2 (0.2-0.2)	0.4 (0.4-0.5)	0.2 (0.1-0.2)	0.4 (0.4-0.4)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	140	119	142	124	146	126
Alabama	0.4 (0.4-0.4)	1 (0.9-1.1)	0.4 (0.4-0.4)	0.9 (0.9-1)	0.3 (0.3-0.4)	0.8 (0.8-0.9)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	126	97	131	101	139	110
Alaska	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	156	141	160	145	163	148
Arizona	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	151	138	153	139	158	139
Arkansas	0.3 (0.3-0.3)	0.6 (0.6-0.7)	0.3 (0.3-0.3)	0.6 (0.5-0.7)	0.3 (0.2-0.3)	0.5 (0.4-0.5)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	133	113	136	119	139	130
California	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	145	135	148	132	150	139
Colorado	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	155	143	158	147	158	153
Connecticut	0.1 (0.1-0.2)	0.5 (0.4-0.5)	0.1 (0.1-0.1)	0.4 (0.4-0.5)	0.1 (0.1-0.1)	0.4 (0.4-0.4)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	140	117	143	118	148	119
Delaware	0.2 (0.2-0.2)	1.1 (1-1.2)	0.2 (0.2-0.2)	1 (1-1.1)	0.2 (0.1-0.2)	1 (0.9-1.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	135	92	138	92	143	98
District of Columbia	0.6 (0.6-0.7)	1.9 (1.6-2.1)	0.4 (0.4-0.4)	1.7 (1.5-1.9)	0.3 (0.3-0.4)	1.4 (1.2-1.6)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0 (0-0)	0.2 (0.1-0.2)	119	82	124	72	132	82
Florida	0.2 (0.2-0.3)	0.8 (0.8-0.9)	0.2 (0.2-0.3)	0.8 (0.7-0.9)	0.2 (0.2-0.2)	0.7 (0.7-0.8)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	132	98	134	96	140	107
Georgia	0.4 (0.3-0.4)	0.9 (0.9-1)	0.3 (0.3-0.3)	0.9 (0.8-1)	0.3 (0.2-0.3)	0.8 (0.8-0.9)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	127	94	130	92	133	102
Hawaii	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	156	162	159	166	166
Idaho	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	163	165	164	168	168
Illinois	0.2 (0.2-0.2)	0.4 (0.3-0.4)	0.2 (0.2-0.2)	0.3 (0.3-0.4)	0.2 (0.1-0.2)	0.3 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	135	127	137	127	141	132
Indiana	0.2 (0.2-0.2)	0.3 (0.3-0.4)	0.2 (0.2-0.2)	0.3 (0.3-0.3)	0.1 (0.1-0.2)	0.3 (0.3-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	141	129	144	129	149	133
Iowa	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0-0.1)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	153	141	156	142	161	145
Kansas	0.2 (0.1-0.2)	0.2 (0.2-0.3)	0.2 (0.1-0.2)	0.2 (0.2-0.3)	0.1 (0.1-0.2)	0.2 (0.2-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	144	134	144	135	153	142
Kentucky	0.2 (0.1-0.2)	0.2 (0.2-0.2)	0.2 (0.2-0.2)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	146	144	145	144	153	152
Louisiana	0.4 (0.4-0.4)	0.8 (0.8-0.9)	0.4 (0.4-0.4)	0.8 (0.7-0.8)	0.3 (0.3-0.4)	0.6 (0.6-0.7)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0.1)	128	101	132	106	136	122
Maine	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	160	167	161	168	164	178
Maryland	0.3 (0.3-0.3)	1.1 (1-1.2)	0.2 (0.2-0.2)	1.1 (1-1.2)	0.2 (0.2-0.3)	1 (0.9-1.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	131	87	133	83	139	96
Massachusetts	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	147	120	147	121	153	125

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
Michigan	0.2 (0.2-0.2)	0.5 (0.4-0.5)	0.2 (0.2-0.2)	0.4 (0.4-0.5)	0.2 (0.1-0.2)	0.4 (0.4-0.4)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	134	117	135	122	145	126
Minnesota	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	153	142	155	139	158	148
Mississippi	0.4 (0.4-0.5)	1.2 (1.1-1.4)	0.4 (0.4-0.4)	1.1 (1-1.2)	0.4 (0.3-0.5)	0.9 (0.9-1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	125	89	132	93	134	109
Missouri	0.2 (0.2-0.2)	0.5 (0.4-0.5)	0.2 (0.2-0.2)	0.4 (0.4-0.5)	0.2 (0.1-0.2)	0.4 (0.3-0.4)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	140	120	140	127	146	131
Montana	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	179	165	179	168	182
Nebraska	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	154	142	154	146	159	152
Nevada	0.1 (0.1-0.1)	0.4 (0.4-0.4)	0.1 (0.1-0.1)	0.4 (0.4-0.4)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	143	123	147	126	152	125
New Hampshire	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	157	157	160	160	162	162
New Jersey	0.2 (0.2-0.2)	0.6 (0.6-0.7)	0.2 (0.2-0.2)	0.6 (0.5-0.6)	0.1 (0.1-0.2)	0.5 (0.5-0.6)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	137	110	139	108	146	112
New Mexico	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	165	160	167	165	171
New York	0.2 (0.2-0.2)	0.7 (0.6-0.7)	0.2 (0.2-0.2)	0.7 (0.6-0.7)	0.2 (0.1-0.2)	0.6 (0.6-0.7)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	132	101	134	102	140	106
North Carolina	0.3 (0.3-0.3)	0.7 (0.7-0.8)	0.2 (0.2-0.3)	0.7 (0.7-0.8)	0.2 (0.2-0.3)	0.6 (0.6-0.7)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	132	103	135	104	142	117
North Dakota	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	159	182	162	179	166	183
Ohio	0.2 (0.2-0.2)	0.4 (0.3-0.4)	0.2 (0.2-0.2)	0.3 (0.3-0.4)	0.2 (0.1-0.2)	0.3 (0.3-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	140	125	142	128	144	135
Oklahoma	0.2 (0.2-0.2)	0.3 (0.2-0.3)	0.2 (0.2-0.2)	0.2 (0.2-0.3)	0.1 (0.1-0.2)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	144	136	143	139	150	148
Oregon	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	159	152	160	152	164	153
Pennsylvania	0.2 (0.2-0.2)	0.3 (0.3-0.3)	0.2 (0.1-0.2)	0.3 (0.3-0.3)	0.1 (0.1-0.2)	0.3 (0.3-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	142	130	146	132	149	134
Rhode Island	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	0.1 (0-0.1)	0.3 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	152	123	154	126	155	131
South Carolina	0.4 (0.4-0.5)	0.9 (0.8-1)	0.4 (0.4-0.4)	0.8 (0.7-0.9)	0.4 (0.3-0.4)	0.7 (0.6-0.7)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	125	103	127	105	130	118
South Dakota	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	158	165	158	166	161	169
Tennessee	0.2 (0.2-0.3)	0.6 (0.5-0.6)	0.2 (0.2-0.2)	0.6 (0.5-0.6)	0.2 (0.2-0.3)	0.5 (0.5-0.5)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	133	114	137	118	143	127
Texas	0.2 (0.2-0.2)	0.4 (0.4-0.4)	0.2 (0.2-0.2)	0.4 (0.4-0.4)	0.1 (0.1-0.2)	0.4 (0.4-0.4)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	138	123	142	123	147	128
Utah	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	160	157	162	160	164	163
Vermont	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	162	154	165	157	170	157
Virginia	0.2 (0.2-0.2)	0.6 (0.6-0.7)	0.2 (0.2-0.2)	0.6 (0.6-0.7)	0.2 (0.1-0.2)	0.5 (0.5-0.6)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	134	106	136	105	142	120
Washington	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	154	145	156	145	158	147
West Virginia	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	152	159	150	161	154	166
Wisconsin	0.1 (0.1-0.1)	0.3 (0.2-0.3)	0.1 (0.1-0.1)	0.3 (0.2-0.3)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	149	129	151	132	153	137
Wyoming	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0 (0-0.1)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	162	162	163	164	167	173

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
Southern Latin America	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	212	187	211	178	209	182
Argentina	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	209	193	209	193	209	193
Chile	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	210	175	212	167	211	172
Uruguay	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	192	186	202	186	189	186
Western Europe	0 (0-0)	0.4 (0.3-0.4)	0 (0-0)	0.3 (0.3-0.4)	0 (0-0)	0.3 (0.3-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	122	171	123	172	125
Andorra	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	142	108	149	112	150	111
Austria	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	131	177	133	179	126
Belgium	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	141	169	141	167	143
Cyprus	0.1 (0.1-0.1)	0.8 (0.6-0.9)	0.1 (0.1-0.1)	0.7 (0.6-0.8)	0 (0-0)	0.7 (0.6-0.8)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	145	102	151	95	157	94
Denmark	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	192	127	188	126	191	126
Finland	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	194	126	193	126	191	130
France	0 (0-0)	0.7 (0.6-0.9)	0 (0-0)	0.7 (0.6-0.9)	0 (0-0)	0.6 (0.5-0.7)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	168	112	163	104	163	106
Germany	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	138	172	142	179	144
Greece	0 (0-0)	1 (0.9-1.3)	0 (0-0)	1 (0.8-1.1)	0.1 (0.1-0.1)	0.9 (0.7-1.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	152	80	150	82	146	91
Iceland	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	173	128	167	128	167	131
Ireland	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	170	126	164	124	168	121
Israel	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.7 (0.6-0.9)	0 (0-0)	0.6 (0.5-0.8)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	168	89	163	88	165	89
Italy	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	128	174	129	184	131
Abruzzo	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	148	176	149	186	147
Basilicata	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	185	152	178	148	188	151
Calabria	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	123	169	129	178	129
Campania	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	185	130	177	133	186	139
Emilia-Romagna	0 (0-0)	0.4 (0.4-0.5)	0 (0-0)	0.5 (0.4-0.5)	0 (0-0)	0.5 (0.4-0.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	181	111	174	111	182	109
Friuli-Venezia Giulia	0 (0-0)	0.3 (0.3-0.4)	0 (0-0)	0.3 (0.3-0.4)	0 (0-0)	0.3 (0.3-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	185	121	180	118	184	118
Lazio	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	134	176	135	184	135
Liguria	0 (0-0)	0.3 (0.3-0.3)	0 (0-0)	0.3 (0.3-0.4)	0 (0-0)	0.3 (0.3-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	181	126	174	121	183	122
Lombardia	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	135	178	133	186	135
Marche	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	179	119	174	120	182	119
Molise	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	189	139	185	143	186	141

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
Piemonte	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	189	132	180	132	185	134
Provincia autonoma di Bolzano	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	184	126	179	125	184	127
Provincia autonoma di Trento	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	134	179	131	183	130
Puglia	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	142	177	146	188	146
Sardegna	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	153	178	155	186	152
Sicilia	0 (0-0)	0.5 (0.4-0.5)	0 (0-0)	0.4 (0.4-0.5)	0 (0-0)	0.4 (0.3-0.4)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	167	110	158	111	166	112
Toscana	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	185	139	176	140	186	138
Umbria	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	174	125	164	124	176	128
Valle d'Aosta	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	152	182	148	188	146
Veneto	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	119	175	118	184	120
Luxembourg	0 (0-0)	1.1 (0.9-1.2)	0 (0-0)	1 (0.9-1.2)	0 (0-0)	0.9 (0.8-1.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	171	86	167	87	167	86
Malta	0 (0-0)	0.3 (0.3-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	116	170	121	166	125
Monaco	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	125	166	123	167	124
Netherlands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	161	164	161	166	163
Norway	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	135	198	133	197	129
Agder	0 (0-0)	0.2 (0.1-0.4)	0 (0-0)	0.2 (0.1-0.4)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	127	203	129	201	128
Innlandet	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	136	200	132	198	130
Møre og Romsdal	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	124	198	126	197	125
Nordland	0 (0-0)	0.2 (0.1-0.4)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	193	129	195	132	191	131
Oslo	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	199	139	199	130	198	127
Rogaland	0 (0-0)	0.2 (0.1-0.4)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	180	124	184	125	184	126
Troms og Finnmark	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	194	128	196	128	194	128
Trøndelag	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	129	198	130	197	128
Vestfold og Telemark	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	189	134	192	133	193	130
Vestland	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	127	195	127	195	124
Viken	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	133	199	133	196	130
Portugal	0 (0-0)	1.1 (0.9-1.4)	0 (0-0)	0.9 (0.7-1.2)	0 (0-0)	0.8 (0.6-1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	165	90	162	93	165	99
San Marino	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	160	120	164	124	160	119
Spain	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	129	170	127	172	125

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
Sweden	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	191	131	191	134	184	131
Stockholm	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	133	184	129	183	120
Sweden except Stockholm	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	191	130	191	133	182	131
Switzerland	0 (0-0)	0.6 (0.5-0.7)	0 (0-0)	0.6 (0.5-0.6)	0 (0-0)	0.6 (0.5-0.6)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	180	108	177	105	180	97
United Kingdom	0 (0-0)	0.3 (0.3-0.4)	0 (0-0)	0.3 (0.3-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	162	119	162	119	162	123
England	0 (0-0)	0.3 (0.3-0.4)	0 (0-0)	0.3 (0.3-0.4)	0 (0-0)	0.3 (0.3-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	118	162	116	162	121
East Midlands	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	125	173	126	169	127
Derby	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	124	167	125	161	126
Derbyshire	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	141	175	144	170	148
Leicester	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.5 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	162	113	162	110	161	105
Leicestershire	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	137	180	141	181	141
Lincolnshire	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	140	182	143	180	146
Northamptonshire	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	165	109	162	107	161	107
Nottingham	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	166	106	165	95	165	94
Nottinghamshire	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	139	175	142	173	143
Rutland	0 (0-0)	0.1 (0.1-0.2)	0.1 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	154	130	154	134	155	137
East of England	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	118	164	121	161	123
Bedford	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.5 (0.3-0.6)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	167	98	168	100	162	108
Cambridgeshire	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	127	173	130	171	132
Central Bedfordshire	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	130	165	137	164	141
Essex	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	171	121	164	124	161	125
Hertfordshire	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	115	163	119	161	118
Luton	0.1 (0.1-0.1)	0.4 (0.3-0.6)	0.1 (0.1-0.1)	0.5 (0.3-0.6)	0 (0-0.1)	0.4 (0.3-0.6)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	155	108	154	107	154	102
Norfolk	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	185	132	182	136	183	136
Peterborough	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	181	124	176	129	172	126
Southend-on-Sea	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	141	161	139	162	136
Suffolk	0 (0-0)	0.5 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	168	105	166	106	162	119
Thurrock	0.1 (0.1-0.1)	0.6 (0.4-0.8)	0.1 (0-0.1)	0.6 (0.4-0.8)	0 (0-0.1)	0.6 (0.4-0.8)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	153	97	153	90	152	93
Greater London	0.1 (0.1-0.1)	0.9 (0.7-1.1)	0.1 (0.1-0.1)	0.9 (0.7-1.1)	0.1 (0-0.1)	0.9 (0.7-1.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	153	85	153	80	152	81

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
Barking and Dagenham	0.1 (0.1-0.1)	1.2 (0.9-1.4)	0.1 (0.1-0.1)	1.3 (1-1.6)	0.1 (0.1-0.1)	1.3 (1-1.6)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0.2 (0.1-0.2)	152	78	148	72	147	66
Barnet	0 (0-0.1)	0.8 (0.6-0.9)	0 (0-0)	0.8 (0.6-0.9)	0 (0-0)	0.7 (0.6-0.9)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	154	91	155	87	153	87
Bexley	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.5 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	157	101	156	99	157	103
Brent	0.1 (0.1-0.1)	0.8 (0.6-0.9)	0.1 (0.1-0.1)	0.8 (0.6-1)	0.1 (0.1-0.1)	0.8 (0.6-1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	148	88	151	85	150	84
Bromley	0 (0-0)	0.4 (0.2-0.5)	0 (0-0)	0.4 (0.2-0.5)	0 (0-0)	0.4 (0.2-0.5)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	155	109	159	105	158	106
Camden	0.1 (0.1-0.1)	0.8 (0.6-1)	0 (0-0)	0.8 (0.6-1)	0 (0-0.1)	0.6 (0.4-0.8)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	155	96	155	88	153	92
Croydon	0.1 (0.1-0.1)	0.9 (0.7-1.1)	0.1 (0.1-0.1)	0.9 (0.7-1.1)	0.1 (0.1-0.1)	0.9 (0.7-1.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	150	84	150	82	147	80
Ealing	0.1 (0.1-0.1)	0.6 (0.4-0.7)	0.1 (0.1-0.1)	0.6 (0.4-0.7)	0.1 (0-0.1)	0.5 (0.4-0.6)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	150	103	153	97	149	100
Enfield	0.1 (0.1-0.1)	1.8 (1.4-2.2)	0.1 (0.1-0.1)	1.9 (1.5-2.3)	0.1 (0-0.1)	1.7 (1.4-2.1)	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.3)	150	62	149	53	149	57
Greenwich	0.1 (0.1-0.1)	1 (0.8-1.2)	0.1 (0.1-0.1)	1 (0.8-1.3)	0.1 (0.1-0.1)	1 (0.8-1.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	149	83	147	75	148	81
Hackney	0.2 (0.2-0.2)	2.8 (2.3-3.4)	0.1 (0.1-0.2)	2.8 (2.3-3.4)	0.1 (0.1-0.1)	2.5 (2-3.1)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.6 (0.5-0.8)	0 (0-0)	0.3 (0.2-0.4)	135	42	138	37	137	36
Hammersmith and Fulham	0.1 (0.1-0.1)	0.8 (0.5-1)	0.1 (0.1-0.1)	0.8 (0.6-1.1)	0.1 (0-0.1)	0.6 (0.4-0.8)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	147	94	150	86	150	88
Haringey	0.1 (0.1-0.1)	2.7 (2.2-3.4)	0.1 (0.1-0.1)	2.7 (2.2-3.3)	0.1 (0.1-0.1)	2.4 (1.9-3)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.6 (0.5-0.7)	0 (0-0)	0.4 (0.4-0.5)	139	39	139	39	140	42
Harrow	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	158	124	160	125	157	124
Havering	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.2 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	162	117	163	121	162	119
Hillingdon	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	174	116	168	114	169	111
Hounslow	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	159	107	158	98	159	97
Islington	0.1 (0.1-0.1)	0.5 (0.3-0.6)	0.1 (0.1-0.1)	0.4 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	149	117	149	104	151	100
Kensington and Chelsea	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	153	138	154	135	152	132
Kingston upon Thames	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	174	118	171	106	167	109
Lambeth	0.2 (0.2-0.2)	2 (1.6-2.5)	0.1 (0.1-0.1)	2 (1.6-2.4)	0.1 (0.1-0.1)	1.7 (1.4-2.1)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.3 (0.3-0.4)	137	54	142	48	143	52
Lewisham	0.1 (0.1-0.1)	1.4 (1.2-1.8)	0.1 (0.1-0.1)	1.5 (1.2-1.8)	0.1 (0.1-0.1)	1.4 (1.1-1.7)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	147	67	148	63	148	62
Merton	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	161	90	161	89	157	88
Newham	0.2 (0.2-0.2)	1.3 (1.1-1.6)	0.1 (0.1-0.2)	1.3 (1-1.6)	0.1 (0.1-0.1)	1.2 (1-1.5)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.3)	131	66	138	63	136	59
Redbridge	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.5 (0.3-0.6)	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	157	108	159	97	155	92
Richmond upon Thames	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	175	117	172	110	172	110
Southwark	0.2 (0.2-0.2)	1.8 (1.4-2.2)	0.1 (0.1-0.1)	1.8 (1.5-2.2)	0.1 (0.1-0.1)	1.7 (1.4-2.1)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.4 (0.3-0.4)	0 (0-0)	0.3 (0.3-0.4)	135	61	141	54	139	54
Sutton	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	118	161	116	163	120
Tower Hamlets	0.1 (0.1-0.1)	0.6 (0.4-0.7)	0 (0-0)	0.6 (0.4-0.7)	0 (0-0)	0.5 (0.3-0.6)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	154	105	153	92	153	89

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
Waltham Forest	0.1 (0.1-0.1)	1.1 (0.9-1.4)	0.1 (0.1-0.1)	1.2 (0.9-1.5)	0.1 (0.1-0.1)	1.1 (0.9-1.4)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	142	74	144	73	140	67
Wandsworth	0.1 (0.1-0.1)	0.5 (0.4-0.7)	0.1 (0.1-0.1)	0.5 (0.4-0.7)	0 (0-0.1)	0.5 (0.4-0.7)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	148	106	148	96	147	90
Westminster	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	150	119	150	110	152	114
North East England	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	129	185	134	181	133
County Durham	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	142	184	144	182	147
Darlington	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	141	175	143	173	143
Gateshead	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	180	124	180	127	176	131
Hartlepool	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	180	140	176	140	173	140
Middlesbrough	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	179	113	176	119	176	123
Newcastle upon Tyne	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	183	117	178	112	178	116
North Tyneside	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	120	177	120	177	124
Northumberland	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	190	138	184	145	182	144
Redcar and Cleveland	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	139	175	146	172	147
South Tyneside	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	180	141	180	143	177	144
Stockton-on-Tees	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	123	179	126	177	129
Sunderland	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	140	184	146	178	145
North West England	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	121	167	125	164	125
Blackburn with Darwen	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	161	113	157	114	159	119
Blackpool	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	171	128	168	129	165	132
Bolton	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	184	113	178	110	175	117
Bury	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	128	163	129	160	131
Cheshire East	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	133	175	136	173	138
Cheshire West and Chester	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	180	136	176	142	176	142
Cumbria	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	184	135	181	143	178	142
Halton	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	139	178	138	174	141
Knowsley	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	180	135	174	140	174	140
Lancashire	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	174	139	171	139	170	141
Liverpool	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	157	114	157	114	159	117
Manchester	0.1 (0.1-0.1)	1 (0.8-1.2)	0.1 (0.1-0.1)	1 (0.8-1.3)	0.1 (0-0.1)	1 (0.8-1.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	156	90	154	81	152	80

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
Oldham	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	132	164	132	161	134
Rochdale	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	180	137	177	133	174	137
Salford	0 (0-0)	0.8 (0.6-1)	0 (0-0)	0.8 (0.6-1)	0 (0-0)	0.8 (0.6-1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	164	99	165	95	162	93
Sefton	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	138	164	143	164	145
St Helens	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	184	141	177	142	172	144
Stockport	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	167	123	166	128	163	130
Tameside	0 (0-0)	0.5 (0.3-0.7)	0 (0-0)	0.5 (0.3-0.6)	0 (0-0)	0.5 (0.3-0.6)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	179	109	174	106	174	109
Trafford	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	172	136	168	136	168	137
Warrington	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	132	163	138	162	138
Wigan	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	181	120	179	125	176	127
Wirral	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	160	132	160	133	160	137
South East England	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	174	125	168	127	163	127
Bracknell Forest	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	127	161	131	157	131
Brighton and Hove	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	174	133	167	132	166	125
Buckinghamshire	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	115	172	114	170	120
East Sussex	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	138	171	141	170	144
Hampshire	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	181	125	175	129	175	128
Isle of Wight	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	184	140	180	145	179	145
Kent	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	173	124	172	126	164	127
Medway	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	170	116	165	120	164	120
Milton Keynes	0 (0-0)	0.7 (0.6-0.9)	0 (0-0)	0.7 (0.6-0.9)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	163	81	162	82	161	89
Oxfordshire	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	118	165	121	161	122
Portsmouth	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	141	173	140	173	136
Reading	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	159	134	157	130	156	129
Slough	0.1 (0.1-0.1)	0.5 (0.3-0.7)	0.1 (0.1-0.1)	0.6 (0.4-0.8)	0.1 (0-0.1)	0.6 (0.4-0.8)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	151	105	153	99	153	95
Southampton	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	167	124	163	124	163	124
Surrey	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	129	171	129	169	126
West Berkshire	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	135	179	133	179	139
West Sussex	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	135	162	139	162	141

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
Windsor and Maidenhead	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	159	132	162	133	162	137
Wokingham	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	166	126	166	133	163	138
South West England	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	131	174	133	170	136
Bath and North East Somerset	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	121	167	117	166	124
Bournemouth	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	117	178	114	175	116
Bristol, City of	0 (0-0)	0.6 (0.4-0.7)	0 (0-0)	0.6 (0.4-0.7)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	158	104	155	98	156	101
Cornwall	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	191	144	186	145	183	147
Devon	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	179	140	173	144	173	143
Dorset	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	140	184	140	180	141
Gloucestershire	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	167	131	162	133	163	138
North Somerset	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	139	179	143	177	140
Plymouth	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	144	176	143	173	139
Poole	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	140	161	143	162	138
Somerset	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	178	136	175	142	175	145
South Gloucestershire	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	181	118	178	123	179	125
Swindon	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	134	180	139	179	138
Torbay	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	144	181	145	179	142
Wiltshire	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	189	135	184	139	183	143
West Midlands	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	162	120	162	122	162	123
Birmingham	0.1 (0.1-0.1)	0.6 (0.5-0.7)	0.1 (0.1-0.1)	0.6 (0.5-0.8)	0.1 (0.1-0.1)	0.6 (0.5-0.8)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	156	106	154	96	152	100
Coventry	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	162	113	159	110	158	109
Dudley	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	115	161	116	161	122
Herefordshire, County of	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	184	136	183	142	179	146
Sandwell	0.1 (0.1-0.1)	0.5 (0.4-0.7)	0.1 (0.1-0.1)	0.6 (0.4-0.7)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	155	110	154	106	154	108
Shropshire	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	183	134	181	140	183	142
Solihull	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	169	124	166	127	166	127
Staffordshire	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	172	135	166	142	164	145
Stoke-on-Trent	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	189	143	184	143	177	145
Telford and Wrekin	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.5 (0.3-0.6)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	183	99	178	99	178	111

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
Walsall	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	140	160	140	162	137
Warwickshire	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	139	175	144	167	148
Wolverhampton	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.3 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	152	127	155	130	156	128
Worcestershire	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	179	140	175	141	169	146
Yorkshire and the Humber	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	172	131	165	133	164	133
Bamsley	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	136	178	141	178	144
Bradford	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	123	161	122	160	125
Calderdale	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	135	181	138	178	139
Doncaster	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	139	185	144	181	143
East Riding of Yorkshire	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	140	184	143	180	146
Kingston upon Hull, City of	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0.3 (0.2-0.5)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	164	118	162	123	160	123
Kirklees	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	165	140	163	141	161	138
Leeds	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	117	159	114	161	121
North East Lincolnshire	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	177	137	175	143	174	141
North Lincolnshire	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	180	141	177	144	178	141
North Yorkshire	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	175	141	175	141	170	145
Rotherham	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	171	137	168	140	168	141
Sheffield	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	162	125	161	128	161	130
Wakefield	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	174	139	167	143	165	145
York	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	176	137	174	144	174	141
Northern Ireland	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	159	123	160	129	160	125
Scotland	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	159	132	160	136	159	136
Wales	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	160	127	159	132	160	134
Latin America and Caribbean	0.2 (0.2-0.3)	0.7 (0.6-0.9)	0.2 (0.2-0.3)	0.7 (0.6-0.8)	0.2 (0.2-0.3)	0.7 (0.6-0.8)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	141	95	144	107	146	111
Andean Latin America	0 (0-0.1)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	184	140	191	138	193	139
Bolivia (Plurinational State of)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0-0.1)	0.2 (0.2-0.3)	0 (0-0.1)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	172	141	180	142	185	144
Ecuador	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0.2 (0.2-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	137	198	137	185	139
Peru	0.1 (0-0.1)	0.2 (0.1-0.3)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	181	137	187	139	192	137
Caribbean	1.4 (1.1-1.8)	6.1 (5.2-7.1)	1.2 (0.9-1.6)	5.9 (5-6.8)	1.2 (0.9-1.6)	6.1 (5.2-7)	0.2 (0.1-0.2)	0.8 (0.7-0.9)	0.1 (0.1-0.1)	0.5 (0.4-0.5)	0.1 (0.1-0.1)	0.6 (0.4-0.7)	83	27	91	28	95	30

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
Antigua and Barbuda	2 (1.8-2.1)	2.7 (2-3.7)	1.6 (1.5-1.7)	2.5 (1.9-3.4)	2 (1.8-2.1)	2.4 (1.8-3.2)	0.3 (0.3-0.3)	0.4 (0.3-0.6)	0.3 (0.2-0.3)	0.4 (0.3-0.6)	0.2 (0.2-0.3)	0.3 (0.2-0.4)	57	40	59	44	58	48
Bahamas	1.8 (1.6-2)	5.4 (3.9-7.5)	1.6 (1.5-1.8)	5.3 (3.8-7.3)	1.8 (1.4-2.2)	5 (3.7-6.6)	0.3 (0.3-0.3)	0.9 (0.6-1.2)	0.3 (0.2-0.3)	0.9 (0.6-1.2)	0.2 (0.1-0.2)	0.5 (0.3-0.7)	65	22	72	24	75	36
Barbados	1.2 (1.1-1.3)	2.5 (1.8-3.3)	1 (0.9-1.1)	2.3 (1.7-3)	0.7 (0.6-1)	2.2 (1.6-3)	0.1 (0.1-0.1)	0.3 (0.2-0.3)	0.1 (0.1-0.1)	0.3 (0.2-0.3)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	89	63	95	66	107	67
Belize	0.6 (0.6-0.7)	6.2 (4.5-8)	0.5 (0.5-0.6)	5.6 (4.2-7.4)	0.5 (0.5-0.6)	5.7 (4.2-7.3)	0.1 (0.1-0.1)	1.1 (0.8-1.4)	0.1 (0.1-0.1)	1.2 (0.9-1.6)	0.1 (0.1-0.1)	1 (0.7-1.3)	97	21	98	21	99	24
Bermuda	1.1 (1-1.2)	1.5 (1.1-2.1)	0.9 (0.8-1)	1.4 (1-1.9)	1.1 (1-1.3)	1.3 (0.9-1.8)	0.2 (0.1-0.2)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.2 (0.1-0.3)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	74	64	84	68	83	78
Cuba	0.4 (0.4-0.4)	0.9 (0.7-1.1)	0.3 (0.3-0.3)	0.8 (0.7-1)	0.4 (0.3-0.4)	1 (0.8-1.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	118	86	125	89	121	89
Dominica	1 (0.8-1.3)	3.3 (2.4-4.3)	1.1 (0.8-1.3)	3 (2.2-3.9)	1 (0.8-1.3)	2.8 (2.1-3.7)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.1 (0-0.1)	0.2 (0.1-0.3)	98	51	97	57	104	61
Dominican Republic	1.1 (0.9-1.4)	8.2 (6.6-9.9)	0.9 (0.6-1)	7.3 (5.8-8.8)	0.7 (0.5-0.9)	7.3 (5.9-8.7)	0.2 (0.2-0.3)	1.6 (1.3-1.9)	0.2 (0.1-0.2)	1.3 (1-1.8)	0.1 (0.1-0.1)	1.1 (0.8-1.4)	70	16	80	18	91	18
Grenada	2.5 (2.3-2.7)	3.8 (2.8-5)	2.5 (2.4-2.6)	3.3 (2.5-4.3)	2.9 (2.6-3.3)	3.3 (2.4-4.3)	0.4 (0.3-0.4)	0.5 (0.4-0.7)	0.3 (0.3-0.4)	0.5 (0.3-0.6)	0.2 (0.2-0.3)	0.3 (0.2-0.4)	53	39	54	44	58	53
Guyana	2.2 (1.9-2.5)	4.4 (3.3-5.7)	2 (1.8-2.1)	4.3 (3.1-5.7)	1.8 (1.4-2.3)	4 (3-5.3)	0.3 (0.3-0.3)	0.6 (0.4-0.8)	0.2 (0.2-0.3)	0.5 (0.4-0.7)	0.2 (0.1-0.2)	0.3 (0.2-0.5)	56	36	71	42	75	43
Haiti	3.5 (2-5.2)	12.6 (10.7-14.4)	3.1 (1.9-4.4)	11.6 (9.9-13.1)	2.7 (1.7-4)	11.1 (9.5-12.6)	0.3 (0.2-0.5)	1.1 (0.9-1.3)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0.2 (0.1-0.4)	1 (0.7-1.3)	58	21	59	17	67	17
Jamaica	1.7 (1.6-1.8)	11.4 (10.5-12.3)	1.3 (1.2-1.4)	10.2 (9.5-11)	1.4 (1.1-1.8)	8.1 (7-9.3)	0.3 (0.3-0.3)	1.9 (1.8-2)	0.2 (0.2-0.2)	1.7 (1.6-1.9)	0.2 (0.1-0.2)	0.9 (0.7-1.1)	56	17	64	16	66	20
Puerto Rico	0.2 (0.1-0.2)	2 (1.4-2.8)	0.1 (0.1-0.1)	1.8 (1.3-2.5)	0.2 (0.1-0.2)	1.6 (1.1-2.2)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.2)	139	63	144	65	141	77
Saint Kitts and Nevis	1.6 (1.4-1.8)	3.3 (2.4-4.3)	1.1 (1-1.2)	2.8 (2-3.7)	1.4 (1.2-1.7)	2.6 (1.9-3.4)	0.2 (0.2-0.2)	0.4 (0.3-0.5)	0.2 (0.1-0.2)	0.4 (0.3-0.5)	0.1 (0.1-0.2)	0.3 (0.2-0.4)	72	46	81	45	80	55
Saint Lucia	2 (1.9-2.2)	4 (2.9-5.3)	1.8 (1.7-1.9)	3.3 (2.4-4.3)	1.9 (1.6-2.3)	2.8 (2-3.6)	0.4 (0.3-0.4)	0.7 (0.5-0.9)	0.3 (0.3-0.3)	0.5 (0.4-0.7)	0.2 (0.1-0.2)	0.3 (0.2-0.4)	59	36	69	46	76	57
Saint Vincent and the Grenadines	2 (1.8-2.1)	4 (2.9-5.4)	1.6 (1.5-1.7)	3.5 (2.6-4.6)	1.9 (1.7-2.2)	3.2 (2.4-4.2)	0.3 (0.3-0.3)	0.6 (0.4-0.8)	0.2 (0.2-0.2)	0.5 (0.3-0.6)	0.2 (0.2-0.2)	0.3 (0.2-0.4)	64	39	74	42	74	54
Suriname	0.8 (0.5-0.9)	4.1 (3.1-5.3)	0.7 (0.6-0.9)	3.8 (2.8-4.9)	0.6 (0.4-0.8)	3.8 (2.9-5)	0.1 (0.1-0.1)	0.6 (0.5-0.8)	0.1 (0.1-0.1)	0.6 (0.4-0.8)	0.1 (0-0.1)	0.4 (0.2-0.6)	98	35	101	38	112	43
Trinidad and Tobago	1.3 (1.2-1.4)	3.5 (2.5-4.6)	1.1 (1-1.2)	2.8 (2-3.6)	1 (0.8-1.3)	2.8 (2.1-3.7)	0.2 (0.2-0.2)	0.5 (0.3-0.6)	0.1 (0.1-0.2)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.2 (0.1-0.3)	79	40	87	48	95	54
United States Virgin Islands	0.4 (0.3-0.5)	2.5 (1.8-3.4)	0.4 (0.3-0.5)	2.2 (1.6-2.9)	0.3 (0.2-0.5)	2.1 (1.6-2.9)	0.1 (0-0.1)	0.3 (0.2-0.5)	0 (0-0.1)	0.3 (0.2-0.4)	0 (0-0)	0.2 (0.1-0.3)	118	52	121	56	127	66
Central Latin America	0.1 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	185	161	179	167	178	170
Colombia	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	160	150	160	155	153	155
Costa Rica	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	154	202	150	199	146	201
El Salvador	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	189	208	188	210	188
Guatemala	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	192	202	191	205	192
Honduras	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	210	206	211	209	213	208
Mexico	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	175	198	172	195	176
Aguascalientes	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	201	204	199	204	200
Baja California	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	194	172	192	170	189	172
Baja California Sur	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	182	156	179	156	178	154

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
Campeche	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	155	190	157	185	158
Chiapas	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	170	191	172	187	168
Chihuahua	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	185	198	191	194	189
Coahuila	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	179	203	177	199	181
Colima	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	174	187	175	182	179
Durango	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	183	206	182	200	181
Guanajuato	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	181	200	179	195	181
Guerrero	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	186	150	185	157	184	153
Hidalgo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	186	199	188	196	187
Jalisco	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	176	201	171	194	179
México	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	193	198	192	196	189
Mexico City	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	181	201	177	199	179
Michoacán de Ocampo	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	178	201	180	198	178
Morelos	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	176	195	176	192	181
Nayarit	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	178	202	177	197	175
Nuevo León	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	165	196	163	189	171
Oaxaca	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	156	194	159	190	159
Puebla	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	189	197	185	193	187
Querétaro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	202	204	198	197	199
Quintana Roo	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	187	153	187	157	185	159
San Luis Potosí	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	181	200	181	196	177
Sinaloa	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	170	204	172	204	168
Sonora	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	174	204	175	199	180
Tabasco	0 (0-0)	0.3 (0.2-0.3)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0.1)	0.2 (0.2-0.3)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	179	123	180	126	173	139
Tamaulipas	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	192	150	191	151	187	151
Tlaxcala	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	189	201	182	197	181
Veracruz de Ignacio de la Llave	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	185	166	190	166	182	165
Yucatán	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	195	156	193	160	188	159
Zacatecas	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	200	201	198	198	200

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
Nicaragua	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	190	201	185	204	186
Panama	0.4 (0.4-0.5)	0 (0-0)	0.4 (0.4-0.4)	0 (0-0)	0.4 (0.3-0.4)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	106	189	117	187	118	187
Venezuela (Bolivarian Republic of)	0.1 (0.1-0.1)	0.6 (0.5-0.7)	0.1 (0.1-0.1)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.3 (0.2-0.3)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	144	100	144	119	148	136
Tropical Latin America	0.2 (0.2-0.2)	0.4 (0.3-0.4)	0.3 (0.3-0.3)	0.3 (0.3-0.4)	0.3 (0.2-0.3)	0.4 (0.3-0.4)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	143	119	134	129	137	128
Brazil	0.2 (0.2-0.2)	0.4 (0.3-0.4)	0.3 (0.3-0.3)	0.3 (0.3-0.4)	0.3 (0.3-0.3)	0.4 (0.3-0.4)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	141	120	133	130	136	127
Acre	0.2 (0.2-0.2)	0.4 (0.3-0.5)	0.3 (0.2-0.3)	0.4 (0.3-0.5)	0.2 (0.2-0.2)	0.4 (0.3-0.5)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	140	118	129	118	138	117
Alagoas	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.3 (0.2-0.3)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	140	156	136	159	140	158
Amapá	0.1 (0.1-0.2)	0.2 (0.1-0.3)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	0.2 (0.2-0.3)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0 (0-0)	0 (0-0)	142	131	128	142	135	147
Amazonas	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	163	141	153	152	154	150
Bahia	0.4 (0.4-0.5)	0.3 (0.3-0.4)	0.6 (0.5-0.7)	0.3 (0.3-0.4)	0.5 (0.5-0.6)	0.5 (0.4-0.6)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	115	121	109	133	113	115
Ceará	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	151	162	148	163	147	156
Distrito Federal	0.4 (0.3-0.4)	1.3 (1.1-1.5)	0.4 (0.4-0.4)	1.1 (0.9-1.3)	0.3 (0.3-0.3)	1 (0.8-1.1)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	0.1 (0.1-0.1)	0.3 (0.2-0.3)	0.1 (0-0.1)	0.2 (0.1-0.2)	117	68	111	74	117	76
Espírito Santo	0.2 (0.2-0.3)	0.6 (0.5-0.8)	0.4 (0.3-0.4)	0.6 (0.5-0.7)	0.3 (0.3-0.3)	0.6 (0.5-0.8)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	130	99	121	108	129	106
Goiás	0.3 (0.2-0.3)	0.4 (0.4-0.5)	0.3 (0.3-0.4)	0.4 (0.3-0.5)	0.3 (0.3-0.4)	0.4 (0.4-0.5)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	122	112	121	117	131	119
Maranhão	0.5 (0.4-0.7)	0.3 (0.2-0.3)	0.4 (0.4-0.5)	0.2 (0.2-0.3)	0.4 (0.3-0.4)	0.3 (0.2-0.4)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0.1)	114	138	127	149	126	138
Mato Grosso	0.2 (0.2-0.2)	0.2 (0.2-0.2)	0.3 (0.3-0.3)	0.2 (0.1-0.2)	0.3 (0.3-0.3)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	133	133	127	143	136	144
Mato Grosso do Sul	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.2 (0.1-0.2)	0.2 (0.2-0.2)	0.2 (0.1-0.2)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	157	135	149	141	148	140
Minas Gerais	0.3 (0.2-0.3)	0.5 (0.4-0.6)	0.4 (0.3-0.4)	0.4 (0.4-0.5)	0.4 (0.3-0.4)	0.5 (0.4-0.6)	0 (0-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	131	112	128	125	132	124
Pará	0.2 (0.1-0.2)	0.2 (0.2-0.2)	0.3 (0.2-0.3)	0.2 (0.1-0.2)	0.2 (0.2-0.2)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0.1)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	141	134	131	150	141	146
Paraíba	0.1 (0.1-0.2)	0.2 (0.1-0.2)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	0.2 (0.1-0.2)	0.2 (0.2-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	146	143	141	150	147	145
Paraná	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	162	157	151	159	151	149
Pernambuco	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	144	169	136	167	143	160
Piauí	0.4 (0.3-0.5)	0.5 (0.4-0.6)	0.6 (0.5-0.6)	0.4 (0.4-0.5)	0.4 (0.4-0.5)	0.5 (0.4-0.6)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	111	102	103	113	116	107
Rio de Janeiro	0.3 (0.3-0.3)	0.7 (0.6-0.8)	0.4 (0.4-0.4)	0.6 (0.6-0.7)	0.4 (0.4-0.4)	0.6 (0.5-0.7)	0 (0-0)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	133	110	122	113	127	118
Rio Grande do Norte	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	149	152	144	158	143	152
Rio Grande do Sul	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	161	147	148	148	153	145
Rondônia	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.2 (0.2-0.2)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	145	103	140	115	148	105
Roraima	0.1 (0.1-0.1)	0.6 (0.5-0.8)	0.2 (0.1-0.2)	0.5 (0.4-0.6)	0.1 (0.1-0.2)	0.5 (0.4-0.6)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	156	90	148	112	147	105
Santa Catarina	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	171	162	156	161	159	158

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
São Paulo	0.2 (0.1-0.2)	0.5 (0.4-0.6)	0.2 (0.2-0.2)	0.5 (0.4-0.5)	0.2 (0.2-0.2)	0.6 (0.5-0.6)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	144	108	138	116	140	114
Sergipe	0.3 (0.2-0.3)	0.3 (0.2-0.4)	0.3 (0.3-0.4)	0.3 (0.2-0.3)	0.3 (0.3-0.3)	0.3 (0.2-0.4)	0.1 (0-0.1)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	128	126	125	129	128	130
Tocantins	0.3 (0.2-0.4)	0.7 (0.6-0.8)	0.4 (0.3-0.4)	0.6 (0.5-0.8)	0.3 (0.3-0.4)	0.8 (0.6-0.9)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	123	90	123	105	126	93
Paraguay	0.1 (0.1-0.1)	0.6 (0.5-0.9)	0.1 (0.1-0.1)	0.6 (0.4-0.8)	0.1 (0.1-0.1)	0.5 (0.4-0.7)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	155	95	154	102	164	106
North Africa and Middle East	0.3 (0.3-0.4)	3.1 (2.7-3.6)	0.3 (0.2-0.3)	3 (2.6-3.5)	0.2 (0.2-0.3)	2.2 (1.9-2.7)	0.1 (0-0.1)	0.5 (0.5-0.6)	0.1 (0-0.1)	0.6 (0.5-0.7)	0 (0-0)	0.3 (0.3-0.4)	129	36	133	33	131	38
North Africa and Middle East	0.3 (0.3-0.4)	3.1 (2.7-3.6)	0.3 (0.2-0.3)	3 (2.6-3.5)	0.2 (0.2-0.3)	2.2 (1.9-2.7)	0.1 (0-0.1)	0.5 (0.5-0.6)	0.1 (0-0.1)	0.6 (0.5-0.7)	0 (0-0)	0.3 (0.3-0.4)	129	36	133	33	131	38
Afghanistan	0.8 (0.5-1.3)	2.3 (1.8-3)	0.7 (0.5-1.1)	2.3 (1.7-2.9)	0.6 (0.4-1)	2.2 (1.8-2.9)	0.1 (0-0.1)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	0.1 (0-0.1)	0.3 (0.2-0.3)	105	72	104	65	103	57
Algeria	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0.1 (0-0.1)	0.4 (0.3-0.4)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	144	98	151	101	159	99
Bahrain	3.2 (2.6-3.8)	15.9 (12.5-20)	2.3 (1.9-2.7)	13.9 (10.6-18)	1.9 (1.5-2.3)	15.5 (11.8-19.9)	0.8 (0.7-0.9)	3.9 (3-4.9)	0.9 (0.7-1)	5.3 (4-6.8)	0.4 (0.3-0.5)	3.2 (2.5-4.3)	24	7	22	3	35	5
Egypt	0.1 (0.1-0.2)	2 (1.7-2.3)	0.2 (0.1-0.2)	2 (1.8-2.3)	0.2 (0.1-0.2)	2 (1.7-2.3)	0 (0-0)	0.3 (0.3-0.4)	0 (0-0)	0.3 (0.3-0.4)	0 (0-0)	0.3 (0.2-0.3)	134	44	120	36	126	38
Iran (Islamic Republic of)	0.3 (0.2-0.4)	2.6 (2-3.4)	0.2 (0.2-0.3)	2.9 (2.2-3.7)	0.2 (0.1-0.2)	2.1 (1.6-2.6)	0.1 (0.1-0.1)	0.6 (0.5-0.8)	0.1 (0-0.1)	0.7 (0.5-0.8)	0 (0-0)	0.3 (0.2-0.4)	99	29	116	31	114	33
Alborz	0.1 (0.1-0.2)	2.5 (1.8-3.2)	0.1 (0.1-0.1)	2.7 (2-3.5)	0.1 (0.1-0.1)	2 (1.5-2.6)	0 (0-0.1)	0.8 (0.6-1)	0 (0-0)	0.8 (0.6-1)	0 (0-0)	0.3 (0.2-0.4)	116	23	125	24	125	29
Ardebil	0.2 (0.1-0.2)	2.5 (1.9-3.2)	0.1 (0.1-0.1)	2.7 (2.1-3.5)	0.1 (0.1-0.1)	2 (1.5-2.6)	0 (0-0.1)	0.6 (0.5-0.8)	0 (0-0)	0.6 (0.5-0.8)	0 (0-0)	0.2 (0.2-0.3)	117	32	132	30	133	33
Bushehr	0.4 (0.2-0.5)	2.8 (2.2-3.6)	0.3 (0.2-0.4)	3 (2.4-3.9)	0.2 (0.1-0.3)	2.2 (1.7-2.9)	0.1 (0.1-0.2)	0.8 (0.6-1)	0.1 (0-0.1)	0.8 (0.7-1.1)	0 (0-0.1)	0.4 (0.3-0.6)	83	22	98	21	97	26
Chahar Mahaal and Bakhtiari	0.3 (0.2-0.4)	2.7 (2.1-3.4)	0.2 (0.1-0.2)	2.9 (2.2-3.7)	0.1 (0.1-0.2)	2.2 (1.7-2.8)	0.1 (0.1-0.1)	0.7 (0.6-0.9)	0 (0-0.1)	0.7 (0.6-0.9)	0 (0-0)	0.4 (0.3-0.5)	93	24	104	23	106	27
East Azarbaijean	0.2 (0.1-0.3)	2.7 (2-3.5)	0.1 (0.1-0.2)	2.9 (2.2-3.8)	0.1 (0.1-0.1)	2.1 (1.6-2.7)	0 (0-0.1)	0.6 (0.4-0.7)	0 (0-0)	0.6 (0.4-0.7)	0 (0-0)	0.3 (0.2-0.3)	119	31	134	34	138	36
Fars	0.6 (0.4-0.8)	3 (2.3-4)	0.4 (0.3-0.5)	3.2 (2.5-4.1)	0.3 (0.2-0.4)	2.3 (1.8-3)	0.1 (0.1-0.2)	0.7 (0.5-0.9)	0.1 (0.1-0.1)	0.7 (0.5-0.9)	0 (0-0)	0.3 (0.2-0.4)	73	27	88	32	98	33
Gilan	0.3 (0.2-0.4)	2.5 (1.9-3.3)	0.2 (0.2-0.3)	2.8 (2.2-3.7)	0.2 (0.1-0.2)	2 (1.5-2.6)	0.1 (0-0.1)	0.5 (0.4-0.7)	0 (0-0.1)	0.5 (0.4-0.7)	0 (0-0)	0.2 (0.2-0.3)	86	26	99	31	104	34
Golestan	0.4 (0.2-0.6)	2.8 (2.1-3.6)	0.3 (0.2-0.4)	3 (2.3-4)	0.3 (0.2-0.3)	2.2 (1.7-2.8)	0.1 (0.1-0.1)	0.6 (0.4-0.8)	0.1 (0-0.1)	0.7 (0.5-0.9)	0 (0-0)	0.3 (0.2-0.4)	88	33	96	27	101	36
Hamadan	0.2 (0.1-0.3)	2.8 (2.1-3.6)	0.2 (0.1-0.2)	3 (2.2-3.9)	0.1 (0.1-0.2)	2.1 (1.6-2.8)	0 (0-0.1)	0.6 (0.5-0.8)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.3 (0.2-0.3)	109	26	128	29	137	36
Hormozgan	0.6 (0.2-0.9)	2.7 (2-3.5)	0.5 (0.2-0.7)	2.9 (2.2-3.8)	0.4 (0.1-0.5)	2.1 (1.6-2.7)	0.1 (0-0.2)	0.6 (0.5-0.8)	0.1 (0-0.2)	0.7 (0.6-0.9)	0.1 (0-0.1)	0.4 (0.3-0.5)	73	29	80	25	79	28
Ilam	0.3 (0.2-0.4)	2.7 (2.1-3.5)	0.3 (0.2-0.3)	2.9 (2.2-3.8)	0.2 (0.2-0.2)	2.2 (1.7-2.8)	0.1 (0.1-0.1)	0.7 (0.5-0.9)	0.1 (0-0.1)	0.7 (0.5-0.9)	0 (0-0)	0.3 (0.3-0.4)	95	24	100	29	99	31
Isfahan	0.2 (0.1-0.3)	2.7 (2-3.4)	0.1 (0.1-0.2)	2.9 (2.2-3.7)	0.1 (0.1-0.1)	2.1 (1.6-2.7)	0.1 (0-0.1)	0.7 (0.6-1)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.3 (0.2-0.4)	104	27	122	29	123	33
Kerman	0.4 (0.3-0.6)	2.7 (2-3.5)	0.3 (0.2-0.4)	2.9 (2.2-3.7)	0.2 (0.1-0.3)	2.1 (1.6-2.7)	0.1 (0.1-0.1)	0.6 (0.4-0.8)	0.1 (0-0.1)	0.7 (0.5-0.9)	0 (0-0)	0.3 (0.3-0.4)	90	27	107	29	102	33
Kermanshah	0.3 (0.2-0.4)	2.9 (2.2-3.8)	0.2 (0.2-0.3)	3.1 (2.3-4.1)	0.2 (0.1-0.2)	2.2 (1.7-2.9)	0.1 (0-0.1)	0.6 (0.4-0.7)	0 (0-0.1)	0.6 (0.4-0.8)	0 (0-0)	0.3 (0.2-0.3)	102	29	121	33	122	36
Khorasan-e-Razavi	0.2 (0.2-0.3)	2.7 (2.1-3.6)	0.2 (0.1-0.2)	2.9 (2.2-3.9)	0.1 (0.1-0.1)	2.1 (1.6-2.7)	0 (0-0.1)	0.5 (0.4-0.7)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.3 (0.2-0.4)	112	33	122	34	130	35
Khuzestan	0.5 (0.3-0.7)	3 (2.3-3.9)	0.4 (0.3-0.6)	3.2 (2.4-4.1)	0.3 (0.2-0.4)	2.3 (1.8-3)	0.1 (0.1-0.2)	0.8 (0.6-1)	0.1 (0.1-0.1)	0.8 (0.6-1)	0 (0-0.1)	0.3 (0.3-0.5)	82	24	88	24	90	29
Kohgiluyeh and Boyer-Ahmad	0.7 (0.4-0.9)	3.2 (2.5-4.1)	0.5 (0.3-0.6)	3.3 (2.6-4.2)	0.4 (0.3-0.5)	2.5 (1.9-3.2)	0.2 (0.1-0.3)	0.9 (0.7-1.2)	0.1 (0.1-0.2)	0.9 (0.7-1.1)	0.1 (0-0.1)	0.5 (0.4-0.6)	62	24	77	18	75	22
Kurdistan	0.1 (0.1-0.2)	2.6 (2-3.4)	0.1 (0.1-0.2)	2.9 (2.2-3.7)	0.1 (0-0.1)	2.1 (1.6-2.7)	0 (0-0)	0.6 (0.5-0.7)	0 (0-0)	0.6 (0.5-0.8)	0 (0-0)	0.3 (0.2-0.4)	128	30	134	28	140	33

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
Lorestan	0.3 (0.2-0.4)	2.6 (2-3.5)	0.2 (0.1-0.3)	2.9 (2.2-3.7)	0.2 (0.1-0.2)	2.1 (1.7-2.8)	0.1 (0-0.1)	0.7 (0.5-0.8)	0 (0-0.1)	0.6 (0.5-0.8)	0 (0-0)	0.3 (0.2-0.4)	98	30	112	27	111	34
Markazi	0.2 (0.1-0.3)	2.7 (2-3.5)	0.1 (0.1-0.2)	2.9 (2.2-3.8)	0.1 (0.1-0.1)	2.1 (1.6-2.7)	0 (0-0.1)	0.6 (0.4-0.7)	0 (0-0)	0.6 (0.5-0.8)	0 (0-0)	0.3 (0.2-0.3)	113	33	129	30	136	33
Mazandaran	0.4 (0.2-0.5)	2.5 (1.9-3.2)	0.3 (0.2-0.4)	2.8 (2.1-3.6)	0.2 (0.1-0.3)	2 (1.5-2.5)	0.1 (0.1-0.1)	0.7 (0.5-0.9)	0.1 (0-0.1)	0.6 (0.5-0.8)	0 (0-0)	0.2 (0.2-0.3)	81	28	95	31	100	35
North Khorasan	0.1 (0.1-0.3)	2.8 (2.1-3.6)	0.1 (0.1-0.2)	3 (2.2-3.9)	0.1 (0.1-0.2)	2.1 (1.6-2.7)	0 (0-0.1)	0.6 (0.4-0.7)	0 (0-0)	0.6 (0.5-0.8)	0 (0-0)	0.3 (0.2-0.4)	125	31	132	29	138	36
Qazvin	0.1 (0.1-0.2)	2.5 (1.9-3.2)	0.1 (0.1-0.1)	2.8 (2.1-3.6)	0.1 (0.1-0.1)	2 (1.6-2.6)	0 (0-0)	0.6 (0.4-0.7)	0 (0-0)	0.6 (0.5-0.8)	0 (0-0)	0.3 (0.2-0.4)	126	33	135	33	135	37
Qom	0.2 (0.1-0.2)	2.5 (1.9-3.2)	0.1 (0.1-0.2)	2.7 (2-3.5)	0.1 (0.1-0.1)	2 (1.5-2.5)	0 (0-0.1)	0.6 (0.5-0.8)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.3 (0.2-0.4)	116	34	123	30	128	33
Semnan	0.2 (0.2-0.3)	2.5 (1.9-3.2)	0.2 (0.1-0.2)	2.7 (2-3.5)	0.1 (0.1-0.1)	1.9 (1.5-2.5)	0 (0-0.1)	0.5 (0.4-0.7)	0 (0-0)	0.6 (0.4-0.7)	0 (0-0)	0.3 (0.2-0.4)	105	32	121	32	118	30
Sistan and Baluchistan	0.6 (0.3-0.9)	2.9 (2.2-3.8)	0.5 (0.2-0.7)	3 (2.3-3.9)	0.4 (0.2-0.6)	2.2 (1.7-2.8)	0.1 (0.1-0.2)	0.6 (0.5-0.8)	0.1 (0.1-0.2)	0.7 (0.5-0.9)	0.1 (0-0.1)	0.4 (0.3-0.6)	75	31	85	32	81	28
South Khorasan	0.1 (0.1-0.2)	2.4 (1.9-3.1)	0.1 (0.1-0.1)	2.6 (2-3.3)	0.1 (0-0.1)	1.9 (1.5-2.4)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.3 (0.2-0.4)	131	33	139	36	149	36
Tehran	0.4 (0.2-0.5)	2.3 (1.7-2.9)	0.3 (0.1-0.3)	2.5 (1.9-3.2)	0.2 (0.1-0.2)	1.8 (1.4-2.3)	0.1 (0.1-0.2)	0.8 (0.6-1)	0.1 (0-0.1)	0.8 (0.6-1)	0 (0-0)	0.3 (0.2-0.3)	89	26	109	24	111	36
West Azarbajejan	0.2 (0.1-0.3)	2.7 (2-3.5)	0.1 (0.1-0.2)	2.9 (2.2-3.8)	0.1 (0.1-0.1)	2.1 (1.6-2.6)	0 (0-0.1)	0.6 (0.5-0.8)	0 (0-0)	0.7 (0.5-0.9)	0 (0-0)	0.3 (0.2-0.4)	113	31	130	30	133	34
Yazd	0.2 (0.1-0.2)	2.5 (1.9-3.2)	0.1 (0.1-0.2)	2.7 (2.1-3.5)	0.1 (0.1-0.1)	2 (1.5-2.5)	0 (0-0.1)	0.6 (0.4-0.7)	0 (0-0)	0.6 (0.4-0.8)	0 (0-0)	0.3 (0.2-0.4)	117	28	132	32	142	31
Zanjan	0.1 (0.1-0.2)	2.4 (1.8-3.1)	0.1 (0.1-0.1)	2.6 (2-3.4)	0.1 (0-0.1)	2 (1.5-2.5)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0.3 (0.2-0.4)	124	29	142	30	141	32
Iraq	0.5 (0.3-0.6)	4.4 (3.5-5.6)	0.4 (0.3-0.5)	3.9 (3.1-5)	0.2 (0.2-0.3)	3.6 (2.9-4.4)	0.1 (0.1-0.1)	0.9 (0.7-1.1)	0.1 (0.1-0.1)	0.9 (0.7-1.1)	0 (0-0.1)	0.6 (0.5-0.8)	96	22	104	25	111	23
Jordan	0.3 (0.2-0.4)	1.4 (1.1-1.8)	0.2 (0.1-0.2)	1.4 (1.1-1.8)	0.1 (0.1-0.2)	1.4 (1.1-1.8)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0-0.1)	0.5 (0.4-0.7)	0 (0-0)	0.3 (0.3-0.5)	109	43	114	36	115	33
Kuwait	0.2 (0.2-0.2)	1.1 (0.9-1.4)	0.1 (0.1-0.1)	1 (0.8-1.4)	0.1 (0.1-0.1)	1 (0.8-1.3)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	0 (0-0)	0.4 (0.3-0.5)	104	40	113	36	119	36
Lebanon	0.2 (0.2-0.3)	1 (0.8-1.2)	0.2 (0.2-0.2)	1 (0.9-1.3)	0.2 (0.1-0.2)	1.1 (0.9-1.3)	0 (0-0.1)	0.2 (0.2-0.2)	0 (0-0.1)	0.2 (0.2-0.3)	0 (0-0)	0.1 (0.1-0.2)	121	69	124	64	125	59
Libya	0.5 (0.4-0.7)	17.4 (12.7-24.1)	0.5 (0.3-0.7)	14.5 (10.6-19.8)	0.5 (0.4-0.8)	11.6 (8.9-15)	0.1 (0.1-0.2)	4.4 (3.2-6)	0.1 (0.1-0.2)	3.2 (2.4-4.2)	0.1 (0.1-0.1)	1.5 (1.1-2.1)	91	4	92	5	101	15
Morocco	0.1 (0.1-0.2)	0.5 (0.4-0.6)	0.1 (0.1-0.2)	0.5 (0.4-0.6)	0.1 (0-0.1)	0.4 (0.3-0.5)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	140	87	153	89	155	89
Oman	0.7 (0.5-0.8)	7.5 (6.2-9)	0.7 (0.5-0.8)	7.2 (6-8.5)	0.4 (0.3-0.5)	7.6 (6.2-9.1)	0.2 (0.2-0.2)	2.1 (1.7-2.7)	0.2 (0.2-0.2)	2.1 (1.7-2.6)	0.1 (0.1-0.1)	1.9 (1.5-2.3)	60	11	60	10	75	10
Palestine	0.1 (0.1-0.2)	1.4 (1.1-1.8)	0.1 (0.1-0.1)	1.4 (1.1-1.8)	0.1 (0.1-0.1)	1.3 (1-1.7)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.4 (0.3-0.5)	0 (0-0)	0.3 (0.3-0.4)	123	47	129	42	129	42
Qatar	0.1 (0.1-0.2)	1.7 (1.3-2.2)	0.1 (0.1-0.1)	1.7 (1.3-2.2)	0 (0-0.1)	1.6 (1.3-2.1)	0 (0-0)	0.6 (0.4-0.7)	0 (0-0.1)	0.8 (0.6-1.1)	0 (0-0)	0.9 (0.6-1.2)	128	36	123	25	135	23
Saudi Arabia	0.8 (0.6-1)	18.9 (16.9-21.1)	0.7 (0.6-0.9)	15.2 (13.4-17.2)	0.7 (0.5-1)	5.5 (4.4-6.8)	0.2 (0.1-0.2)	4.4 (3.7-5)	0.2 (0.1-0.2)	3.8 (3.2-4.3)	0.2 (0.1-0.2)	1.3 (0.9-1.6)	68	5	69	6	67	17
Sudan	1 (0.6-1.3)	8.8 (7.3-10.8)	0.8 (0.5-1.2)	8.9 (7.3-10.7)	0.6 (0.4-0.9)	6.4 (5.2-7.8)	0.1 (0.1-0.1)	1 (0.8-1.2)	0.1 (0.1-0.2)	1.4 (1.1-1.8)	0.1 (0.1-0.1)	1 (0.7-1.4)	87	23	91	15	87	18
Syrian Arab Republic	0.2 (0.1-0.2)	0.7 (0.6-0.9)	0.1 (0.1-0.2)	0.6 (0.5-0.8)	0.1 (0.1-0.2)	0.5 (0.4-0.6)	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0-0.1)	119	70	124	66	134	94
Tunisia	0.2 (0.1-0.2)	1.4 (1.1-1.7)	0.1 (0.1-0.2)	1.4 (1.1-1.7)	0.1 (0.1-0.2)	1.4 (1.1-1.7)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0.1 (0.1-0.2)	121	52	127	52	132	57
Türkiye	0.2 (0.1-0.2)	0.5 (0.5-0.6)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	0.1 (0.1-0.1)	0.4 (0.4-0.5)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0.1)	144	102	149	102	154	108
United Arab Emirates	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0-0.1)	0.5 (0.4-0.6)	0 (0-0.1)	0.2 (0.1-0.2)	0.1 (0-0.1)	0.2 (0.2-0.3)	0 (0-0)	0.2 (0.1-0.3)	138	83	126	68	138	68
Yemen	0.1 (0.1-0.2)	0.7 (0.5-0.9)	0.1 (0.1-0.2)	0.7 (0.5-0.9)	0.1 (0.1-0.1)	0.6 (0.5-0.7)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	142	87	146	85	154	88

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
South Asia	0.2 (0.1-0.2)	6.1 (4.3-8.5)	0.1 (0.1-0.2)	5.6 (4-7.8)	0.1 (0.1-0.1)	4.8 (3.5-6.7)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.6 (0.4-0.8)	155	25	165	21	179	26
South Asia	0.2 (0.1-0.2)	6.1 (4.3-8.5)	0.1 (0.1-0.2)	5.6 (4-7.8)	0.1 (0.1-0.1)	4.8 (3.5-6.7)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.8 (0.6-1.1)	0 (0-0)	0.6 (0.4-0.8)	155	25	165	21	179	26
Bangladesh	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	211	177	213	184	216	185
Bhutan	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	187	209	183	212	189
India	0.2 (0.2-0.3)	7.9 (5.5-10.9)	0.2 (0.1-0.2)	7.3 (5.2-10)	0.1 (0.1-0.1)	6.3 (4.5-8.7)	0 (0-0)	1 (0.7-1.4)	0 (0-0)	1 (0.7-1.4)	0 (0-0)	0.7 (0.5-0.9)	148	18	155	16	169	19
Nepal	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	161	204	167	213	173
Pakistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	198	193	202	196	210	199
Azad Jammu & Kashmir	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	193	204	196	211	201
Balochistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	190	202	194	207	197
Gilgit-Baltistan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	190	202	194	213	194
Islamabad Capital Territory	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	188	208	190	211	195
Khyber Pakhtunkhwa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	192	205	194	210	197
Punjab	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	192	202	196	209	199
Sindh	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	190	201	194	210	198
Southeast Asia, East Asia, and Oceania	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	193	205	188	208	186
East Asia	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	189	175	186	162	189	159
China	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	189	173	186	162	189	157
Democratic People's Republic of Korea	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	188	172	185	170	176	168
Taiwan (Province of China)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	195	158	207	153	211	156
Oceania	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	214	211	215	210	217	212
American Samoa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	208	201	209	202	208	204
Cook Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	208	201	209	200	211	200
Fiji	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	198	205	199	209	203
Guam	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	210	199	211	200	215	203
Kiribati	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	207	207	206	207	207
Marshall Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	211	203	212	204	212	207
Micronesia (Federated States of)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	210	206	212	208	212	208
Nauru	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	210	202	212	204	212	204
Niue	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	209	208	212	208	212	208

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
Northern Mariana Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	210	203	212	204	214	210
Palau	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	208	203	210	206	210	206
Papua New Guinea	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	213	209	213	207	216	210
Samoa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	209	206	211	205	211	206
Solomon Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	211	205	214	206	214	206
Tokelau	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	209	207	211	208	212	205
Tonga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	210	207	212	207	212	208
Tuvalu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	209	208	212	208	212	209
Vanuatu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	210	201	211	203	214	205
Southeast Asia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	212	205	215	205	216	210
Cambodia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	216	202	216	201	218	205
Indonesia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	208	200	210	203	214	206
Aceh	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	198	210	199	214	204
Bali	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	208	204	210	205	214	208
Bangka-Belitung Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	209	197	212	199	214	206
Banten	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	197	209	199	213	204
Bengkulu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	196	205	197	212	205
Gorontalo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	197	205	200	209	203
Jakarta	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	201	207	200	213	203
Jambi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	198	211	198	214	204
West Java	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	198	210	200	212	204
Central Java	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	198	209	198	213	204
East Java	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	201	208	201	213	206
West Kalimantan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	197	210	196	214	205
South Kalimantan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	200	210	202	215	207
Central Kalimantan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	194	204	196	210	201
East Kalimantan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	197	210	198	214	201
North Kalimantan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	194	205	192	212	195
Riau Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	198	209	196	214	201

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
Lampung	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	195	209	197	213	205
Maluku	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	198	211	198	214	204
North Maluku	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	196	210	198	213	206
West Nusa Tenggara	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	195	209	196	215	203
East Nusa Tenggara	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	192	208	192	210	201
Papua	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	194	204	196	211	202
West Papua	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	195	208	198	213	203
Riau	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	197	207	198	213	201
West Sulawesi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	196	210	196	213	204
South Sulawesi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	209	199	212	200	216	207
Central Sulawesi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	209	199	210	200	213	207
Southeast Sulawesi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	197	210	199	211	203
North Sulawesi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	208	199	210	202	215	208
West Sumatra	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	203	210	204	214	208
South Sumatra	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	193	207	194	211	202
North Sumatra	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	198	207	198	209	204
Yogyakarta	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	213	205	213	206	217	208
Lao People's Democratic Republic	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	215	200	215	199	217	204
Malaysia	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	199	213	198	214	199
Maldives	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	195	208	194	210	195
Mauritius	0.3 (0.3-0.3)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	108	190	140	192	144	194
Myanmar	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	213	202	215	205	216	209
Philippines	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	200	209	203	214	206
Abra	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	210	200	210	199	212	203
Agusan Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	198	205	202	204	196
Agusan Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	195	208	199	210	204
Aklan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	208	202	206	202	208	206
Albay	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	198	205	200	210	200
Antique	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	202	210	204	210	204

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
Apayao	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	200	194	204	200	208	206
Aurora	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	196	203	197	207	199
Basilan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	191	207	192	208	196
Bataan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	209	199	210	201	213	207
Batanes	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	194	210	194	210	194
Batangas	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	197	208	199	210	204
Benguet	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	200	209	202	209	195
Biliran	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	194	206	198	207	204
Bohol	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	209	201	211	201	214	205
Bukidnon	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	193	207	195	207	202
Bulacan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	199	210	201	210	204
Cagayan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	199	208	203	209	205
Camarines Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	200	208	201	208	204
Camarines Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	200	209	200	210	204
Camiguin	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	194	208	195	212	201
Capiz	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	197	206	199	210	199
Catanduanes	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	203	208	205	211	209
Cavite	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	210	199	212	200	213	203
Cebu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	201	210	204	212	204
Cotabato (North Cotabato)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	194	205	197	208	203
Davao de Oro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	192	206	198	209	203
Davao Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	199	206	202	212	207
Davao Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	198	206	198	209	190
Davao Occidental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	199	205	201	206	203
Davao Oriental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	195	209	200	212	203
Dinagat Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	196	208	200	207	205
Eastern Samar	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	196	210	198	212	204
Guimaras	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	194	206	196	209	198
Ifugao	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	195	206	193	209	197

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
Ilocos Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	198	204	196	209	200
Ilocos Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	199	208	201	211	202
Iloilo	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	201	209	204	210	204
Isabela	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	198	209	200	208	202
Kalinga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	193	212	197	211	204
La Union	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	200	206	200	207	204
Laguna	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	197	206	200	209	202
Lanao Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	198	207	200	208	193
Lanao Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	199	194	202	195	209	199
Leyte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	197	208	201	208	203
Maguindanao	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	195	204	196	207	198
Marinduque	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	199	210	202	215	205
Masbate	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	197	207	201	212	207
Misamis Occidental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	201	209	204	212	204
Misamis Oriental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	201	206	203	210	199
Mountain Province	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	197	208	199	210	199
National Capital Region	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	199	207	202	212	204
Negros Occidental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	197	203	201	206	205
Negros Oriental	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	199	205	201	210	204
Northern Samar	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	195	208	199	212	204
Nueva Ecija	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	198	208	199	212	202
Nueva Vizcaya	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	210	202	212	204	214	205
Occidental Mindoro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	200	209	202	211	206
Oriental Mindoro	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	198	208	201	209	206
Palawan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	198	208	199	212	200
Pampanga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	196	208	200	207	198
Pangasinan	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	208	199	209	202	210	204
Quezon	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	205	201	209	204	211	205
Quirino	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	196	205	194	209	202

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
Rizal	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	197	207	198	210	201
Romblon	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	198	206	198	209	205
Samar (Western Samar)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	199	209	202	214	207
Sarangani	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	192	207	195	208	199
Siquijor	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	200	209	201	211	207
Sorsogon	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	209	200	211	202	215	204
South Cotabato	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	200	205	201	205	201
Southern Leyte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	199	205	202	210	205
Sultan Kudarat	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	197	207	198	211	201
Sulu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	196	204	196	206	198
Surigao Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	201	208	202	212	205
Surigao Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	198	207	201	211	204
Tarlac	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	207	199	211	202	209	204
Tawi-Tawi	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	194	204	195	210	201
Zambales	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	209	203	211	206	214	206
Zamboanga Del Norte	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	198	207	200	211	202
Zamboanga Del Sur	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	206	200	210	203	210	200
Zamboanga Sibugay	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	197	207	199	209	200
Seychelles	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	202	195	205	196	206	195
Sri Lanka	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	211	203	212	199	213	199
Thailand	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	216	208	218	207	220	207
Timor-Leste	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	209	196	211	195	212	197
Viet Nam	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	208	201	209	201	211	201
Sub-Saharan Africa	3.5 (2.6-4.5)	24.7 (20.5-29.9)	3 (2.3-3.9)	23.7 (19.7-28.4)	2.6 (1.8-3.5)	23.3 (19.3-28.3)	0.3 (0.2-0.3)	1.8 (1.5-2.2)	0.3 (0.2-0.4)	2.4 (2-2.9)	0.3 (0.2-0.4)	2.5 (2.1-3.2)	59	14	52	11	56	12
Central Sub-Saharan Africa	3.3 (0.8-8.7)	33.9 (28.2-39.8)	3.1 (0.9-8.9)	33.6 (28.1-39.1)	2.6 (0.7-8.2)	32.9 (27.3-38.3)	0.2 (0.1-0.6)	2.5 (2-3)	0.3 (0.1-0.9)	3.4 (2.8-4)	0.3 (0.1-0.9)	3.8 (3-4.7)	53	11	53	8	52	7
Angola	2.1 (0.6-3.9)	29.3 (23.7-36.3)	1.8 (0.6-3.3)	28.5 (22.8-35.1)	1.4 (0.5-2.6)	28.5 (22.7-35.6)	0.1 (0-0.3)	2.1 (1.7-2.6)	0.2 (0.1-0.4)	3.1 (2.5-4)	0.2 (0.1-0.3)	3.3 (2.6-4.5)	71	14	64	8	66	9
Central African Republic	2.6 (0.6-12)	20.9 (17.2-25.9)	2.6 (0.7-11.2)	20.6 (16.7-24.9)	2.5 (0.6-11.5)	20.1 (16.7-24.4)	0.1 (0-0.6)	1.1 (0.9-1.4)	0.2 (0-0.7)	1.3 (1-1.6)	0.2 (0-0.8)	1.4 (1-1.8)	69	21	68	17	68	19
Congo	3 (1-5.6)	13.9 (11.5-16.5)	2.6 (0.8-4.4)	13.3 (11.1-15.7)	1.9 (0.6-3.6)	12.2 (10.2-14.4)	0.2 (0.1-0.4)	1.1 (0.9-1.3)	0.3 (0.1-0.5)	1.5 (1.2-1.8)	0.2 (0.1-0.4)	1.3 (1.1-1.6)	59	20	55	17	60	17
Democratic Republic of the Congo	3.8 (0.8-11.2)	37.4 (31.1-43.9)	3.5 (0.8-11.8)	37.4 (31.2-43.4)	3.1 (0.7-11.1)	36.5 (30.1-42.1)	0.3 (0.1-0.8)	2.9 (2.3-3.4)	0.4 (0.1-1.1)	3.7 (3.1-4.5)	0.4 (0.1-1.2)	4.4 (3.5-5.4)	44	8	45	6	45	6

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
Equatorial Guinea	2.5 (0.3-4.8)	52.2 (42.1-64.4)	1.8 (0.1-3.7)	51.1 (41.3-62)	1.4 (0.1-3.2)	46.4 (37.6-55.9)	0.2 (0-0.4)	5 (3.9-6.5)	0.3 (0-0.5)	7.4 (5.8-10.2)	0.2 (0-0.4)	6.3 (4.5-8.7)	54	5	54	3	60	5
Gabon	2.3 (0.1-4.4)	21.3 (17.1-26.3)	2.2 (0.2-4.5)	20.1 (16.3-24.8)	1.6 (0.1-3.9)	18.2 (14.8-22.4)	0.2 (0-0.4)	2 (1.6-2.6)	0.2 (0-0.5)	2.3 (1.8-2.8)	0.2 (0-0.4)	1.9 (1.5-2.5)	67	15	63	15	70	13
Eastern Sub-Saharan Africa	0.6 (0.4-1.2)	8.9 (7-11.1)	0.6 (0.3-1.2)	8.9 (7.1-11.1)	0.5 (0.3-0.9)	8.5 (6.8-10.6)	0 (0-0.1)	0.7 (0.5-0.8)	0.1 (0-0.1)	1 (0.8-1.2)	0.1 (0-0.1)	1 (0.8-1.2)	130	24	122	22	131	21
Burundi	0.5 (0.3-0.8)	1.8 (1.4-2.3)	0.5 (0.3-0.6)	1.6 (1.3-2.1)	0.3 (0.2-0.5)	1.6 (1.3-2.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0.1)	0.2 (0.2-0.3)	140	83	129	75	139	64
Comoros	0.1 (0-0.1)	0.2 (0.1-0.2)	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	185	163	188	164	187	166
Djibouti	0.1 (0.1-0.2)	0.5 (0.4-0.7)	0.1 (0.1-0.2)	0.5 (0.3-0.6)	0.1 (0-0.2)	0.4 (0.3-0.6)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0-0.1)	170	125	173	127	175	129
Eritrea	0.2 (0.1-0.3)	0.6 (0.5-0.9)	0.2 (0.1-0.3)	0.6 (0.5-0.8)	0.2 (0.1-0.3)	0.6 (0.4-0.7)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	169	123	168	120	166	123
Ethiopia	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	196	179	196	166	198	171
Addis Ababa	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	191	180	190	174	199	172
Afar	0.1 (0-0.1)	0.2 (0.1-0.2)	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	180	195	169	199	169
Amhara	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	197	183	197	172	201	173
Benishangul-Gumuz	0.1 (0-0.1)	0.2 (0.1-0.2)	0.1 (0-0.1)	0.2 (0.1-0.2)	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	194	177	194	165	196	164
Dire Dawa	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	196	182	195	165	199	171
Gambella	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	195	172	195	156	198	165
Harari	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	195	178	194	167	198	169
Oromia	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	195	173	195	159	197	162
Somali	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	193	167	194	161	198	166
Southern Nations, Nationalities, and Peoples	0.1 (0-0.1)	0.2 (0.1-0.2)	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	194	174	195	161	198	168
Tigray	0 (0-0.1)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	196	182	196	170	200	172
Kenya	0.7 (0.4-1)	30.9 (22.2-43.2)	0.7 (0.5-1.1)	30.2 (21.8-42)	0.5 (0.3-0.8)	29.1 (21-40.2)	0.1 (0-0.1)	2.9 (2-4.2)	0.1 (0.1-0.1)	3.9 (2.8-5.2)	0.1 (0-0.1)	3.6 (2.7-5.1)	99	7	100	6	113	6
Baringo	0.7 (0.6-1)	29.1 (20.3-41)	0.7 (0.5-1)	29 (20.4-41.6)	0.5 (0.3-0.7)	27.5 (19.1-39.1)	0.1 (0.1-0.1)	3 (2-4.4)	0.1 (0.1-0.1)	4 (2.8-5.4)	0.1 (0-0.1)	3.8 (2.7-5.5)	101	8	106	5	116	5
Bomet	0.2 (0.1-0.3)	25.1 (17.3-35)	0.3 (0.1-0.5)	24.9 (17-35.8)	0.2 (0.1-0.4)	24.1 (17.1-34.2)	0 (0-0)	3.1 (2-4.3)	0 (0-0.1)	4.2 (2.9-6)	0 (0-0.1)	4.9 (3.3-7)	131	6	121	5	124	3
Bungoma	0.7 (0.4-1.1)	33.8 (23.8-48)	0.9 (0.5-1.3)	33.6 (23.6-47.5)	0.5 (0.3-0.9)	33.4 (23.6-47.2)	0.1 (0-0.1)	3.7 (2.6-5.2)	0.1 (0.1-0.2)	5 (3.4-7.1)	0.1 (0-0.1)	3.7 (2.7-5.4)	83	7	90	5	118	6
Busia	1.5 (0.5-2.4)	45.6 (32.1-64.4)	1.6 (0.5-2.7)	45 (31.8-62.4)	1 (0.3-1.8)	44.7 (31-62.5)	0.1 (0-0.2)	3.2 (2.1-4.6)	0.2 (0.1-0.3)	5.1 (3.5-7.4)	0.1 (0-0.2)	5.5 (4.1-8.1)	73	7	68	6	78	4
Elgeyo-Marakwet	0.5 (0.3-0.7)	26.5 (17.9-38.4)	0.5 (0.3-0.8)	25.8 (18-36.2)	0.4 (0.2-0.6)	24.4 (16.8-35)	0.1 (0-0.1)	3.5 (2.3-5.1)	0.1 (0-0.1)	3.7 (2.7-5)	0 (0-0.1)	2.4 (1.7-3.5)	110	7	119	8	137	12
Embu	0.3 (0.2-0.5)	22.4 (15.6-31.7)	0.4 (0.2-0.6)	20.8 (14.6-29.7)	0.3 (0.1-0.5)	18.8 (13.2-27)	0 (0-0.1)	3 (1.9-4.8)	0.1 (0-0.1)	2.9 (2-4.2)	0 (0-0.1)	2 (1.4-2.7)	128	7	124	8	144	12
Garissa	0.5 (0.3-0.8)	27.4 (19.1-39.2)	0.5 (0.3-0.8)	27.7 (19-40.2)	0.3 (0.2-0.6)	27.4 (19.1-39.3)	0.1 (0-0.1)	3.6 (2.3-5.5)	0.1 (0.1-0.1)	5 (3.3-7.2)	0 (0-0.1)	4.2 (2.9-6)	103	9	104	5	117	5
Homa Bay	2 (0.5-3.7)	59.3 (41.8-82.5)	2.2 (0.5-4)	60.4 (43.4-83.4)	1.4 (0.4-2.8)	60.1 (43-81)	0.1 (0-0.1)	2.3 (1.6-3.3)	0.1 (0-0.3)	4 (2.6-5.5)	0.1 (0-0.2)	5.5 (3.9-7.6)	69	6	62	6	65	4
Isiolo	0.7 (0.4-0.9)	29.9 (20.1-42.6)	0.7 (0.5-1)	29.2 (20.1-40.6)	0.5 (0.3-0.7)	27.9 (19.6-38.7)	0 (0-0.1)	2.2 (1.5-3.2)	0.1 (0.1-0.1)	2.8 (1.9-4)	0 (0-0.1)	2.4 (1.7-3.4)	100	11	103	9	121	10

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
Kajiado	0.4 (0.2-0.7)	24.9 (17.1-35.6)	0.4 (0.2-0.7)	24.3 (16.8-34.6)	0.3 (0.1-0.5)	22.6 (16-31.9)	0 (0-0.1)	3 (2-4.5)	0.1 (0-0.1)	3.9 (2.7-5.6)	0 (0-0.1)	3.4 (2.4-4.9)	108	7	112	6	126	7
Kakamega	1 (0.6-1.4)	36.7 (25.4-52.2)	1.1 (0.6-1.5)	35.5 (25.2-49.5)	0.6 (0.4-0.9)	34.1 (24.6-46.5)	0.1 (0-0.1)	2.8 (1.9-4.2)	0.1 (0.1-0.2)	4.3 (3-6.4)	0.1 (0.1-0.1)	4.7 (3.5-6.6)	89	7	83	6	106	3
Kericho	0.3 (0.2-0.5)	25.8 (17.8-37.2)	0.4 (0.2-0.6)	24.7 (17.2-34.8)	0.3 (0.2-0.6)	23.4 (16.6-32.7)	0 (0-0.1)	3.6 (2.1-5.5)	0.1 (0-0.1)	3.9 (2.9-5.5)	0 (0-0.1)	2.5 (1.8-3.5)	117	7	124	6	139	12
Kiambu	0.5 (0.3-0.7)	23.1 (16-32.1)	0.5 (0.3-0.8)	21.8 (15.4-30.5)	0.3 (0.2-0.6)	19.9 (14.1-27.8)	0.1 (0-0.1)	2.6 (1.8-3.8)	0.1 (0-0.1)	2.9 (2.1-4.2)	0 (0-0.1)	2 (1.4-3)	122	7	122	7	137	9
Kilifi	0.8 (0.3-1.6)	28.5 (21.8-36.7)	1.1 (0.5-1.9)	28.7 (21.8-37.7)	0.8 (0.3-1.5)	29.8 (22.7-39.6)	0.1 (0-0.1)	2.6 (1.7-3.6)	0.1 (0.1-0.2)	3.7 (2.7-4.9)	0.1 (0-0.2)	3.8 (2.9-5.4)	79	9	75	7	91	5
Kirinyaga	0.3 (0.2-0.6)	22.1 (15.5-30.9)	0.4 (0.3-0.6)	20.4 (14.4-28.4)	0.3 (0.2-0.5)	18.1 (12.8-25.9)	0 (0-0.1)	2.7 (1.8-3.8)	0.1 (0-0.1)	2.7 (1.9-3.8)	0 (0-0)	1.7 (1.2-2.5)	127	8	130	8	144	13
Kisii	1.4 (0.6-2.2)	37.9 (27-54.2)	1.4 (0.6-2.1)	36.1 (25.3-51.5)	1 (0.5-1.6)	32.9 (23.4-45.7)	0.1 (0.1-0.2)	3.7 (2.6-5.6)	0.2 (0.1-0.3)	4.9 (3.4-6.8)	0.1 (0.1-0.2)	3.6 (2.6-5)	70	7	80	5	93	7
Kisumu	1.2 (0.7-2)	65.9 (51-84.5)	1.3 (0.7-2)	65 (50.1-83.9)	0.9 (0.5-1.6)	58.7 (46.4-75.5)	0.1 (0-0.1)	3.6 (2.6-4.9)	0.1 (0.1-0.2)	5.5 (4.1-7.4)	0.1 (0-0.1)	5.3 (3.8-7.1)	79	7	77	4	88	5
Kitui	0.4 (0.2-0.6)	25.8 (17.7-36.9)	0.3 (0.2-0.6)	25.1 (17.3-35.5)	0.2 (0.1-0.4)	23.8 (16.7-34.4)	0 (0-0.1)	2.7 (2-3.9)	0 (0-0.1)	3.4 (2.3-5)	0 (0-0)	2.9 (2.1-4.2)	125	7	128	6	147	9
Kwale	1 (0.4-1.8)	38.5 (26.9-53.3)	1.1 (0.5-1.8)	38.4 (27.4-52.8)	0.8 (0.4-1.4)	37.2 (25.7-51.5)	0.1 (0-0.2)	3.7 (2.5-5.2)	0.1 (0.1-0.2)	4.5 (3.1-5.8)	0.1 (0-0.2)	3.8 (2.8-5.7)	80	7	82	7	94	4
Laikipia	0.3 (0.2-0.5)	23.2 (15.7-33.7)	0.3 (0.2-0.5)	22.1 (15.2-30.9)	0.2 (0.1-0.4)	20.8 (14.3-29)	0 (0-0.1)	2.9 (1.8-4.5)	0 (0-0.1)	3.3 (2-4.6)	0 (0-0)	2.4 (1.6-3.5)	129	6	133	7	150	9
Lamu	0.5 (0.3-0.8)	25.6 (18-35.9)	0.6 (0.4-0.9)	25 (17.7-35.6)	0.4 (0.2-0.7)	23.2 (16.5-32.6)	0.1 (0-0.1)	2.6 (1.8-3.9)	0.1 (0.1-0.1)	3.3 (2.3-4.7)	0 (0-0.1)	2.6 (1.9-3.9)	111	9	109	7	128	7
Machakos	0.2 (0.1-0.4)	23.3 (15.8-33.4)	0.3 (0.2-0.5)	21.7 (14.7-31.9)	0.2 (0.1-0.4)	19.5 (13.5-27.2)	0 (0-0.1)	3 (2-4.6)	0 (0-0.1)	3 (2.1-4.5)	0 (0-0)	1.9 (1.4-2.9)	135	7	143	8	156	14
Makueni	0.2 (0.1-0.4)	25.2 (17.5-37)	0.3 (0.1-0.4)	24.5 (16.7-35.2)	0.2 (0.1-0.3)	23 (15.8-32.2)	0 (0-0)	2.2 (1.3-3.5)	0 (0-0.1)	2.9 (1.9-4.1)	0 (0-0)	3.1 (2.1-4.3)	139	6	137	6	143	7
Mandera	0.5 (0.3-0.7)	30.5 (20.8-44)	0.5 (0.4-0.8)	30.9 (21.3-43.9)	0.4 (0.2-0.6)	29.3 (20.3-41.5)	0.1 (0-0.1)	3.3 (2.1-5.1)	0.1 (0.1-0.1)	4.5 (3-6.1)	0.1 (0-0.1)	5.7 (4-8.2)	106	8	102	6	109	3
Marsabit	0.4 (0.2-0.6)	26.9 (18.9-39.3)	0.5 (0.3-0.9)	27 (18.4-38.7)	0.4 (0.2-0.6)	26 (18.3-37.2)	0 (0-0.1)	3 (1.8-4.5)	0.1 (0-0.1)	3.4 (2.3-4.8)	0 (0-0.1)	3.3 (2.2-4.6)	117	8	108	7	122	7
Meru	0.2 (0.1-0.4)	23.8 (16.3-33.1)	0.4 (0.3-0.6)	22.5 (15.6-32.3)	0.3 (0.2-0.6)	20.4 (14.1-28.3)	0 (0-0.1)	3 (1.8-4.5)	0.1 (0-0.1)	2.9 (1.9-4.1)	0 (0-0.1)	2.2 (1.5-3.1)	135	8	127	8	144	8
Migori	2.2 (0.6-4.3)	58 (41-80.5)	2.6 (0.7-4.4)	59.7 (41.4-83.4)	1.8 (0.5-3.3)	61.1 (43.3-84.8)	0.1 (0-0.2)	2.8 (1.8-3.9)	0.2 (0-0.3)	4.6 (3.2-6.9)	0.2 (0.1-0.3)	6.4 (4.7-9.2)	56	7	56	6	54	3
Mombasa	0.5 (0.2-1)	28.6 (20.6-39.7)	0.6 (0.4-1.1)	28.1 (20.6-38.2)	0.4 (0.3-0.8)	27.2 (19.8-36.9)	0 (0-0.1)	2.9 (1.8-4.2)	0.1 (0.1-0.2)	4.3 (2.8-5.9)	0.1 (0-0.1)	4 (3-5.6)	95	6	89	6	105	5
Murang'a	0.3 (0.1-0.5)	22.1 (15.1-31.6)	0.4 (0.3-0.6)	20.2 (14-28.7)	0.2 (0.1-0.4)	17.5 (12.4-24.7)	0 (0-0.1)	2.5 (1.6-3.9)	0 (0-0.1)	2.3 (1.5-3.4)	0 (0-0)	1.6 (1.1-2.2)	141	9	139	12	149	14
Nairobi	0.5 (0.3-0.8)	23.1 (16.3-32.1)	0.5 (0.4-0.8)	22.7 (15.9-31.5)	0.4 (0.2-0.5)	21.5 (15.3-29.7)	0.1 (0-0.1)	2.5 (1.7-3.8)	0.1 (0.1-0.1)	4.1 (2.7-5.9)	0 (0-0.1)	2.9 (2.1-3.9)	105	5	107	5	122	6
Nakuru	0.3 (0.2-0.5)	23.8 (16.1-33.6)	0.4 (0.2-0.6)	22.7 (15.5-32)	0.3 (0.1-0.4)	21.2 (15-29.3)	0 (0-0.1)	3.2 (2-4.7)	0.1 (0-0.1)	4 (2.8-5.2)	0 (0-0.1)	3.2 (2.3-4.4)	126	6	122	6	138	6
Nandi	0.3 (0.2-0.6)	26.4 (18.3-37.9)	0.4 (0.2-0.6)	25.8 (17.9-36.9)	0.3 (0.2-0.5)	24.4 (17.2-34.7)	0 (0-0.1)	3.2 (2.1-4.7)	0.1 (0-0.1)	4.1 (2.8-5.6)	0 (0-0.1)	3.5 (2.5-5)	121	7	119	6	133	6
Narok	0.4 (0.2-0.6)	28.3 (19.6-40.5)	0.4 (0.2-0.6)	27.9 (19.8-40.2)	0.3 (0.2-0.6)	27.3 (19.1-38.5)	0 (0-0.1)	3.2 (2-4.7)	0.1 (0-0.1)	4.8 (3.1-6.5)	0.1 (0-0.1)	5.5 (3.8-8.1)	119	6	111	6	117	3
Nyamira	0.7 (0.4-1)	30.8 (21.4-43.9)	1 (0.6-1.4)	30.3 (21.2-43.6)	0.8 (0.5-1.2)	29.1 (20-42.2)	0.1 (0-0.1)	2.7 (1.8-3.9)	0.1 (0.1-0.2)	3.3 (2.2-4.8)	0.1 (0.1-0.1)	3.1 (2-4.5)	109	9	99	8	101	7
Nyandarua	0.4 (0.2-0.6)	25.1 (17.5-35.7)	0.6 (0.4-0.9)	23.7 (16.4-33.9)	0.4 (0.2-0.7)	21.8 (15.2-31.1)	0.1 (0-0.1)	3.1 (2-4.5)	0.1 (0-0.1)	2.8 (2-3.9)	0 (0-0.1)	2 (1.4-2.9)	120	7	117	8	133	8
Nyeri	0.4 (0.2-0.6)	22.5 (16.1-32.2)	0.4 (0.3-0.6)	20.4 (14.4-29)	0.3 (0.2-0.6)	18.1 (12.7-25.2)	0 (0-0.1)	2.2 (1.4-3.3)	0 (0-0.1)	2.2 (1.4-3.1)	0 (0-0)	1.4 (0.9-2)	132	8	133	12	146	13
Samburu	0.3 (0.2-0.6)	27.3 (18.6-39.4)	0.4 (0.3-0.7)	27.6 (19.1-39.2)	0.3 (0.2-0.6)	27 (18.5-39.5)	0 (0-0.1)	2.7 (1.7-4)	0.1 (0-0.1)	3.5 (2.5-4.9)	0 (0-0.1)	3.5 (2.4-5.1)	118	8	111	7	118	8
Siaya	2.1 (0.5-4.1)	52.2 (37.8-70.8)	1.9 (0.5-3.7)	51.4 (37.3-71.4)	1.1 (0.3-2.3)	50.2 (35.7-68.5)	0.1 (0-0.2)	2.6 (1.8-3.6)	0.2 (0-0.3)	4.1 (2.9-5.7)	0.1 (0-0.2)	4.5 (3.2-6.3)	61	7	64	6	78	5

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
Taita Taveta	0.4 (0.2-0.7)	25.7 (18.1-36.5)	0.6 (0.4-0.9)	24.1 (16.8-34.3)	0.4 (0.2-0.7)	21.8 (15.5-30.4)	0 (0-0.1)	2.4 (1.6-3.6)	0.1 (0-0.1)	2.4 (1.7-3.3)	0 (0-0)	1.6 (1.2-2.3)	125	7	128	8	142	10
Tana River	0.7 (0.5-1)	31.4 (22-44.2)	0.8 (0.6-1.1)	32.4 (22.7-45)	0.6 (0.4-0.9)	32 (22.4-45.1)	0.1 (0-0.1)	2.5 (1.7-4)	0.1 (0.1-0.1)	3.2 (2.2-4.5)	0.1 (0-0.1)	3 (2.2-4.5)	103	9	102	7	115	5
Tharaka Nithi	0.6 (0.4-0.9)	24.9 (17.3-35.8)	0.6 (0.4-0.8)	24.8 (16.9-34.8)	0.4 (0.2-0.6)	23.4 (16.6-32.9)	0 (0-0.1)	2.1 (1.4-3)	0.1 (0-0.1)	3 (2-4.3)	0 (0-0.1)	2.1 (1.5-3.2)	125	11	123	6	136	10
Trans Nzoia	0.4 (0.2-0.7)	29 (20-40.6)	0.5 (0.3-0.8)	28.1 (19.6-39.3)	0.3 (0.2-0.6)	26.7 (18.9-37.2)	0.1 (0-0.1)	3.6 (2.5-5.4)	0.1 (0.1-0.1)	4.5 (3.1-6.1)	0.1 (0-0.1)	4.2 (2.9-5.9)	109	6	105	6	121	6
Turkana	0.4 (0.2-0.6)	30.3 (21.1-43.3)	0.4 (0.2-0.7)	30.6 (21.3-43.1)	0.3 (0.1-0.6)	30.2 (21.4-41.6)	0 (0-0.1)	2.5 (1.4-3.6)	0 (0-0.1)	3.8 (2.5-5.4)	0 (0-0.1)	5.1 (3.4-7.1)	107	7	108	6	117	7
Uasin Gishu	0.4 (0.2-0.6)	25.3 (17.4-36.8)	0.4 (0.3-0.7)	24.5 (17-34.4)	0.3 (0.2-0.5)	23.1 (16.4-32.5)	0 (0-0.1)	3.4 (2.2-5.2)	0.1 (0.1-0.1)	4.3 (3-6.1)	0.1 (0-0.1)	3.9 (2.9-5.7)	116	7	113	6	128	6
Vihiga	0.9 (0.4-1.6)	35.7 (24.4-50.5)	1.3 (0.6-2.1)	35.6 (24.5-50.2)	0.8 (0.4-1.6)	33.9 (24.3-47.8)	0.1 (0-0.1)	2.6 (1.8-3.9)	0.1 (0.1-0.2)	3.7 (2.4-5.3)	0.1 (0-0.2)	3.4 (2.4-4.9)	101	7	90	6	99	7
Wajir	0.6 (0.4-0.8)	29.8 (20.9-41.9)	0.5 (0.4-0.7)	30.7 (21.2-45.1)	0.4 (0.2-0.6)	30.1 (21-42.7)	0.1 (0-0.1)	2.9 (1.9-4.2)	0.1 (0-0.1)	4 (2.8-5.8)	0 (0-0.1)	3.7 (2.6-5.6)	108	9	109	5	122	6
West Pokot	0.6 (0.4-1)	30.7 (21.4-44.6)	0.7 (0.5-0.9)	31.2 (21.5-43.9)	0.5 (0.3-0.7)	30.8 (21.2-43.8)	0.1 (0-0.1)	3.5 (2.3-5.5)	0.1 (0.1-0.1)	4.8 (3.4-6.7)	0.1 (0.1-0.1)	5.6 (3.9-8.3)	96	7	90	4	99	5
Madagascar	0.9 (0.5-1.3)	9.2 (7.6-11.2)	0.8 (0.4-1.1)	9 (7.4-10.9)	0.7 (0.4-1.1)	8.4 (7-10.2)	0.1 (0-0.1)	0.9 (0.8-1.1)	0.1 (0.1-0.1)	1.1 (0.9-1.4)	0.1 (0.1-0.1)	1.1 (0.9-1.3)	94	23	90	20	98	19
Malawi	0.5 (0.3-0.8)	1.9 (1.6-2.4)	0.4 (0.3-0.6)	2 (1.6-2.4)	0.3 (0.2-0.5)	1.8 (1.5-2.2)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0)	0.2 (0.2-0.2)	135	73	136	63	147	58
Mozambique	0.2 (0.1-0.3)	0.5 (0.4-0.6)	0.2 (0.1-0.2)	0.5 (0.4-0.7)	0.1 (0.1-0.2)	0.5 (0.4-0.6)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	171	131	171	129	173	125
Rwanda	0.3 (0.2-0.5)	0.6 (0.5-0.8)	0.2 (0.1-0.3)	0.6 (0.4-0.7)	0.1 (0.1-0.2)	0.5 (0.4-0.7)	0 (0-0)	0 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	159	132	163	117	167	122
Somalia	0.1 (0-0.1)	0.2 (0.1-0.2)	0.1 (0-0.1)	0.2 (0.1-0.2)	0 (0-0.1)	0.2 (0.1-0.2)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	194	180	197	180	198	179
South Sudan	0.2 (0.1-0.3)	0.8 (0.6-1)	0.2 (0.1-0.3)	0.8 (0.6-1.1)	0.2 (0.1-0.4)	0.7 (0.6-1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0.1)	175	112	170	104	171	127
Uganda	1.1 (0.5-1.6)	15.3 (12.5-17.8)	1 (0.6-1.4)	15.2 (12.4-18)	0.7 (0.4-1.2)	14.4 (11.4-17)	0.1 (0-0.1)	1 (0.9-1.2)	0.1 (0.1-0.2)	1.7 (1.4-2)	0.1 (0.1-0.1)	1.8 (1.5-2.2)	99	16	95	14	97	13
United Republic of Tanzania	1.7 (0.7-5.7)	14.4 (11.7-16.9)	1.7 (0.7-6.5)	14.5 (11.9-17.2)	1.3 (0.5-4.7)	14.1 (11.2-16.9)	0.1 (0.1-0.4)	1.1 (0.9-1.3)	0.2 (0.1-0.7)	1.6 (1.4-2)	0.2 (0.1-0.6)	1.8 (1.4-2.1)	72	16	66	16	75	13
Zambia	1.8 (0.7-2.9)	18.8 (15.6-23.3)	1.6 (0.7-2.4)	18.5 (15.5-23.1)	1.1 (0.4-1.9)	17.5 (14.5-21.8)	0.1 (0-0.2)	1.1 (0.9-1.4)	0.2 (0.1-0.2)	1.9 (1.5-2.2)	0.1 (0-0.2)	1.8 (1.4-2.2)	78	17	76	13	83	11
Southern Sub-Saharan Africa	0 (0-0.1)	0.1 (0.1-0.2)	0.1 (0-0.1)	0.1 (0.1-0.1)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	194	174	191	174	197	174
Botswana	0.2 (0.1-0.3)	0.9 (0.7-1.1)	0.2 (0.1-0.2)	0.8 (0.7-1)	0.1 (0.1-0.2)	0.8 (0.6-0.9)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	159	84	154	86	164	84
Eswatini	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	204	179	204	181	208	183
Lesotho	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	201	179	202	184	206	185
Namibia	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	203	179	202	179	208	181
South Africa	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	213	194	213	193	215	194
Eastern Cape	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	210	190	209	194	213	195
Free State	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	210	193	210	194	213	194
Gauteng	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	211	192	210	187	213	189
KwaZulu-Natal	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	212	188	210	189	214	192
Limpopo	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	212	178	211	186	215	193

Location	All age cause-specific SCD mortality rate (per 100,000 population), 2000	All age total SCD mortality rate (per 100,000 population), 2000	All age cause-specific SCD mortality rate (per 100,000 population), 2010	All age total SCD mortality rate (per 100,000 population), 2010	All age cause-specific SCD mortality rate (per 100,000 population), 2021	All age total SCD mortality rate (per 100,000 population), 2021	All age cause-specific mortality cause fraction, 2000	All age total SCD mortality cause fraction, 2000	All age cause-specific mortality cause fraction, 2010	All age total SCD mortality cause fraction, 2010	All age cause-specific mortality cause fraction, 2021	All age total SCD mortality cause fraction, 2021	All age cause-specific mortality rank 2000	All age total SCD mortality rank 2000	All age cause-specific mortality rank 2010	All age total SCD mortality rank 2010	All age cause-specific mortality rank 2021	All age total SCD mortality rank 2021
Mpumalanga	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	212	189	212	191	213	191
North-West	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	212	190	211	194	215	195
Northern Cape	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	211	193	209	195	213	192
Western Cape	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	212	194	210	191	214	193
Zimbabwe	0.2 (0.1-0.2)	0.4 (0.3-0.5)	0.2 (0.1-0.3)	0.4 (0.3-0.5)	0.2 (0.1-0.3)	0.3 (0.3-0.4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	168	135	162	149	167	147
Western Sub-Saharan Africa	7.1 (4.9-9.3)	43.3 (35.4-53.2)	5.9 (3.8-7.7)	39.2 (32.2-47.7)	4.9 (3.1-6.9)	37.5 (30.7-46.4)	0.5 (0.4-0.7)	3.2 (2.6-3.9)	0.6 (0.4-0.7)	3.8 (3.2-4.7)	0.6 (0.4-0.8)	4.3 (3.4-5.5)	26	9	26	7	31	8
Benin	17.4 (8.1-28.2)	73 (60.5-87.3)	13.6 (6.7-21.7)	72.7 (60.3-87.3)	11 (5.7-17.5)	55.1 (44.3-67.5)	1.5 (0.7-2.4)	6.4 (5.3-7.7)	1.5 (0.8-2.3)	7.9 (6.6-9.4)	1.3 (0.8-2.1)	6.8 (5.3-8.5)	15	5	16	3	15	4
Burkina Faso	17.6 (1.4-75.8)	65.4 (57.7-74.7)	12.5 (0.9-58)	57.3 (50.1-66.3)	10.9 (0.8-54.4)	47.1 (38.7-56.8)	1.2 (0.1-4.8)	4.3 (3.7-4.9)	1.1 (0.1-4.9)	5 (4.2-6)	1.1 (0.1-5.6)	4.9 (3.9-6.2)	17	5	20	4	20	6
Cabo Verde	0.7 (0.5-0.9)	2.1 (1.7-2.6)	0.5 (0.3-0.7)	2.2 (1.7-2.7)	0.4 (0.2-0.5)	2 (1.6-2.4)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	0.1 (0-0.1)	0.3 (0.2-0.4)	98	57	101	50	114	55
Cameroon	4.6 (1.2-7.3)	16.5 (13.5-19.1)	4.3 (1.1-7.2)	16.5 (13.4-19.3)	3.1 (1-5.8)	16.1 (13.5-18.8)	0.4 (0.1-0.6)	1.4 (1.1-1.6)	0.4 (0.1-0.7)	1.6 (1.3-2)	0.3 (0.1-0.5)	1.8 (1.5-2.1)	39	17	42	16	47	13
Chad	2.4 (1.1-4.1)	5.2 (4.3-6.1)	2.2 (1-3.4)	5.2 (4.3-6.1)	1.8 (0.9-3.3)	5.2 (4.2-6)	0.1 (0.1-0.3)	0.3 (0.3-0.4)	0.2 (0.1-0.3)	0.4 (0.3-0.5)	0.2 (0.1-0.3)	0.5 (0.4-0.6)	69	43	72	37	73	35
Côte d'Ivoire	2.9 (1.8-4.4)	16.3 (14.3-18.5)	2.4 (1.7-3.2)	15.9 (14-17.8)	1.9 (1.2-2.7)	14.9 (13.2-16.8)	0.2 (0.1-0.3)	1.3 (1.1-1.5)	0.2 (0.2-0.3)	1.6 (1.4-1.8)	0.2 (0.2-0.3)	1.9 (1.6-2.2)	53	15	55	15	56	13
Gambia	5.5 (1.3-23.6)	13.5 (11.4-15.7)	4.5 (1.1-20.1)	12.9 (10.8-15)	4 (1-16.6)	12.2 (10.3-14.3)	0.6 (0.1-2.5)	1.4 (1.2-1.7)	0.6 (0.1-2.5)	1.6 (1.3-1.9)	0.5 (0.1-2)	1.5 (1.2-1.8)	31	17	33	16	37	15
Ghana	11 (7.4-13.5)	34.7 (31.9-37.6)	8.6 (6-11)	34.5 (31.8-37)	7.2 (4.6-10.2)	30.7 (27.1-35.2)	1.1 (0.8-1.4)	3.6 (3.2-4.1)	1 (0.7-1.3)	4.1 (3.6-4.5)	0.9 (0.6-1.1)	3.8 (3.1-4.6)	18	9	19	8	23	9
Guinea	8.2 (1.3-13.9)	39.9 (32.9-46.8)	7.9 (1.5-13.3)	40.1 (33.5-46.7)	6 (1.2-10.5)	40.2 (33.3-47.1)	0.5 (0.1-0.9)	2.6 (2.1-3.1)	0.6 (0.1-1)	3.3 (2.8-3.9)	0.6 (0.1-1)	4 (3-4.9)	33	11	29	7	31	5
Guinea-Bissau	3.2 (0.7-14.3)	1.7 (1.4-2.1)	2.7 (0.6-10.4)	1.7 (1.3-2.1)	1.9 (0.4-8.6)	1.5 (1.2-1.9)	0.2 (0.1-1.1)	0.1 (0.1-0.2)	0.3 (0.1-1)	0.2 (0.1-0.2)	0.2 (0-0.8)	0.1 (0.1-0.2)	61	86	63	84	66	79
Liberia	3.5 (1.2-10)	13.2 (11.3-15.7)	2.6 (1-8.4)	12.8 (11-15.2)	2.2 (0.7-8)	11.2 (9.6-13)	0.2 (0.1-0.7)	0.9 (0.7-1)	0.3 (0.1-0.9)	1.4 (1.2-1.7)	0.3 (0.1-1)	1.4 (1.1-1.7)	59	21	55	17	56	16
Mali	6.9 (3-12)	14.9 (12.8-17.1)	5.4 (2.4-9.2)	15 (12.8-17.2)	4.2 (2.1-7.9)	15 (12.9-17.2)	0.4 (0.2-0.8)	0.9 (0.8-1.1)	0.5 (0.2-0.8)	1.3 (1.1-1.4)	0.4 (0.2-0.7)	1.4 (1.1-1.6)	34	22	35	19	39	18
Mauritania	1.4 (0.8-2.2)	4.1 (3.3-4.9)	1.1 (0.6-1.8)	4 (3.3-4.8)	0.8 (0.4-1.2)	3.9 (3.1-4.6)	0.2 (0.1-0.3)	0.5 (0.4-0.6)	0.2 (0.1-0.2)	0.6 (0.5-0.8)	0.1 (0.1-0.2)	0.6 (0.5-0.8)	78	36	82	36	92	34
Niger	5.3 (2-9)	34.9 (29.8-41.2)	3.1 (1.4-4.8)	29 (24.7-34.3)	2.9 (1.4-4.2)	28.4 (24.3-33.7)	0.3 (0.1-0.5)	2.1 (1.8-2.5)	0.3 (0.1-0.5)	2.9 (2.3-3.4)	0.3 (0.2-0.5)	3.2 (2.4-3.9)	34	11	39	9	43	8
Nigeria	6.5 (1.5-10.5)	58.6 (44.4-76.7)	5.7 (1.6-9.3)	51.3 (39.2-66.1)	4.8 (1.6-8.2)	50.7 (39.1-65.7)	0.5 (0.1-0.7)	4.2 (3.2-5.4)	0.5 (0.2-0.9)	4.9 (3.8-6.7)	0.6 (0.2-0.9)	6 (4.6-8)	30	6	27	6	26	6
Sao Tome and Principe	3.3 (0.8-5.4)	19.7 (15.1-25.2)	3.1 (0.8-5.3)	19.6 (15.2-24.8)	2 (0.6-3.6)	18.4 (14.3-23.2)	0.4 (0.1-0.6)	2.4 (1.8-3)	0.5 (0.1-0.9)	3.3 (2.5-4.3)	0.3 (0.1-0.6)	3.4 (2.6-4.3)	46	10	44	7	49	8
Senegal	3.4 (1.3-7.9)	11.3 (9.5-13.1)	3.1 (1.5-7.6)	11.1 (9.3-12.7)	2.2 (0.9-5.4)	10.8 (9.1-12.5)	0.3 (0.1-0.8)	1.1 (1-1.3)	0.4 (0.2-1)	1.5 (1.3-1.8)	0.3 (0.1-0.7)	1.4 (1.1-1.6)	47	19	49	15	55	15
Sierra Leone	7.8 (1-13.8)	54.6 (45.1-63.2)	5.9 (0.7-9.8)	54.4 (44.9-62.5)	4.8 (0.8-9.1)	52.2 (43-60.5)	0.4 (0.1-0.8)	3 (2.5-3.5)	0.5 (0.1-0.8)	4.4 (3.6-5.2)	0.5 (0.1-0.9)	5.6 (4.3-7.1)	30	10	29	7	29	4
Togo	15.8 (8.5-25.2)	45.8 (40-53)	13.3 (6.8-21.8)	44.4 (38.5-50.7)	10.2 (4.8-18.9)	41.5 (36-47.8)	1.5 (0.8-2.4)	4.3 (3.7-5)	1.4 (0.7-2.3)	4.8 (4-5.7)	1.3 (0.6-2.1)	5.2 (3.9-6.4)	15	6	17	5	16	6

Location	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2000	Age standardized total SCD mortality rate (per 100,000 population), 2000	Age standardized rate (per 100,000 population), 2000	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2021	Age standardized total SCD mortality rate (per 100,000 population), 2021	Age standardized rate (per 100,000 population), 2021
Latvia	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Lithuania	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)
Republic of Moldova	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Russian Federation	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Ukraine	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
High-income	0.1 (0.1-0.1)	0.4 (0.3-0.4)	9.8 (9-10.6)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	10.2 (9.4-11)
Australasia	0 (0-0)	0 (0-0)	0.6 (0.5-0.8)	0 (0-0)	0 (0-0)	0.6 (0.5-0.8)
Australia	0 (0-0)	0 (0-0)	0.5 (0.4-0.7)	0 (0-0)	0 (0-0)	0.5 (0.4-0.7)
New Zealand	0 (0-0)	0.1 (0-0.1)	1.3 (1-1.5)	0 (0-0)	0.1 (0.1-0.1)	1.3 (1.1-1.6)
High-income Asia Pacific	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)
Brunei Darussalam	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)
Japan	0 (0-0)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0.1 (0-0.1)
Aichi	0 (0-0)	0 (0-0)	0.3 (0.3-0.4)	0 (0-0)	0 (0-0)	0.3 (0.3-0.4)
Akita	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Aomori	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Chiba	0 (0-0)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0.1 (0.1-0.2)
Ehime	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Fukui	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Fukuoka	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Fukushima	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Gifu	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Gunma	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Hiroshima	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Hokkaidō	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Hyōgo	0 (0-0)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0.1 (0-0.1)
Ibaraki	0 (0-0)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0.1 (0.1-0.2)
Ishikawa	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Iwate	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Kagawa	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)

Location	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2000	Age standardized total SCD mortality rate (per 100,000 population), 2000	Age standardized rate (per 100,000 population), 2000	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2021	Age standardized total SCD mortality rate (per 100,000 population), 2021	Age standardized rate (per 100,000 population), 2021
Kagoshima	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Kanagawa	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Kōchi	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Kumamoto	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Kyōto	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Mie	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Miyagi	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Miyazaki	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Nagano	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Nagasaki	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Nara	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Niigata	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Ōita	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Okayama	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Okinawa	0 (0-0)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0.1 (0-0.1)
Ōsaka	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Saga	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Saitama	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Shiga	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Shimane	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Shizuoka	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Tochigi	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Tokushima	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Tōkyō	0 (0-0)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0.1 (0-0.1)
Tottori	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Toyama	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Wakayama	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Yamagata	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Yamaguchi	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)

Location	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2000	Age standardized total SCD mortality rate (per 100,000 population), 2000	Age standardized rate (per 100,000 population), 2000	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2021	Age standardized total SCD mortality rate (per 100,000 population), 2021	Age standardized rate (per 100,000 population), 2021
Yamanashi	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Republic of Korea	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)
Singapore	0 (0-0)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0.1 (0.1-0.2)
High-income North America	0.2 (0.2-0.2)	0.5 (0.4-0.5)	19.3 (17.9-20.4)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	19.4 (18.3-20.6)
Canada	0 (0-0)	0 (0-0)	0.6 (0.5-0.7)	0 (0-0)	0 (0-0)	0.4 (0.3-0.6)
Greenland	0 (0-0)	0 (0-0.1)	0.6 (0.4-0.8)	0 (0-0)	0 (0-0.1)	0.6 (0.4-0.8)
United States of America	0.2 (0.2-0.2)	0.5 (0.5-0.5)	21.2 (19.7-22.4)	0.1 (0.1-0.2)	0.4 (0.4-0.4)	21.4 (20.2-22.7)
Alabama	0.4 (0.4-0.4)	1.1 (1-1.2)	41.8 (38.5-44.8)	0.3 (0.3-0.4)	0.9 (0.8-1)	42.2 (39.3-45.8)
Alaska	0 (0-0.1)	0.1 (0.1-0.2)	6.4 (4.7-8.7)	0 (0-0.1)	0.1 (0.1-0.2)	6.4 (4.6-8.3)
Arizona	0.1 (0.1-0.1)	0.2 (0.2-0.3)	10.6 (9.6-11.4)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	11.7 (10.6-12.5)
Arkansas	0.3 (0.3-0.3)	0.7 (0.7-0.8)	26.8 (24.3-28.9)	0.3 (0.2-0.3)	0.5 (0.4-0.6)	25.4 (23-27.8)
California	0.1 (0.1-0.1)	0.2 (0.2-0.2)	9.8 (9.1-10.5)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	9.8 (9.2-10.5)
Colorado	0.1 (0.1-0.1)	0.2 (0.1-0.2)	6.4 (5.6-7.1)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	5.8 (5-6.7)
Connecticut	0.1 (0.1-0.2)	0.5 (0.4-0.6)	21.6 (19.8-22.8)	0.1 (0.1-0.1)	0.4 (0.4-0.5)	21.4 (19.6-23)
Delaware	0.2 (0.2-0.2)	1.2 (1.1-1.3)	47.7 (43.5-50.9)	0.2 (0.2-0.2)	1.1 (1-1.2)	50.3 (45.9-54.1)
District of Columbia	0.6 (0.6-0.6)	2.4 (2.1-2.8)	68.7 (59.9-77.1)	0.3 (0.3-0.3)	1.5 (1.3-1.8)	60.3 (51.9-68.4)
Florida	0.2 (0.2-0.3)	0.9 (0.8-1)	41.1 (38.4-43.9)	0.2 (0.2-0.2)	0.8 (0.7-0.8)	40.9 (38.5-43.5)
Georgia	0.3 (0.3-0.4)	1 (0.9-1.1)	42.3 (39.1-45.1)	0.3 (0.2-0.3)	0.9 (0.8-1)	44.5 (41.7-47.7)
Hawaii	0 (0-0.1)	0.1 (0-0.1)	2.7 (1.5-4.2)	0 (0-0)	0 (0-0.1)	1.8 (0.9-3.2)
Idaho	0 (0-0)	0 (0-0.1)	1.6 (1.3-2.1)	0 (0-0)	0 (0-0.1)	1.7 (1.4-2.2)
Illinois	0.2 (0.2-0.2)	0.4 (0.4-0.5)	15.4 (14-16.9)	0.2 (0.1-0.2)	0.3 (0.2-0.3)	14.1 (13-15.2)
Indiana	0.2 (0.2-0.2)	0.4 (0.3-0.4)	14.7 (13.5-15.8)	0.1 (0.1-0.2)	0.3 (0.3-0.3)	14.6 (13.5-15.8)
Iowa	0.1 (0.1-0.1)	0.2 (0.2-0.2)	8.9 (7.8-9.8)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	9.1 (7.9-10.3)
Kansas	0.2 (0.1-0.2)	0.3 (0.2-0.3)	10.9 (9.6-12.4)	0.1 (0.1-0.2)	0.2 (0.2-0.2)	9.6 (8.2-11)
Kentucky	0.2 (0.1-0.2)	0.2 (0.2-0.2)	7.4 (6.5-8.2)	0.1 (0.1-0.2)	0.2 (0.1-0.2)	7.6 (6.6-8.5)
Louisiana	0.4 (0.4-0.4)	1 (0.9-1.1)	33.8 (31.5-36.4)	0.3 (0.3-0.4)	0.7 (0.6-0.8)	31.7 (29.4-33.9)
Maine	0 (0-0)	0 (0-0)	1.1 (0.7-1.7)	0 (0-0)	0 (0-0)	0.7 (0.4-1.1)
Maryland	0.3 (0.3-0.3)	1.2 (1.1-1.3)	53.8 (49.9-57.8)	0.2 (0.2-0.2)	1 (0.9-1.1)	54.7 (51.1-58.4)
Massachusetts	0.1 (0.1-0.1)	0.4 (0.4-0.4)	17.5 (16.1-18.7)	0.1 (0.1-0.1)	0.3 (0.3-0.4)	17.3 (15.9-18.5)

Location	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2000	Age standardized total SCD mortality rate (per 100,000 population), 2000	Age standardized rate (per 100,000 population), 2000	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2021	Age standardized total SCD mortality rate (per 100,000 population), 2021	Age standardized rate (per 100,000 population), 2021
Michigan	0.2 (0.2-0.2)	0.5 (0.5-0.6)	22 (20.4-23.4)	0.2 (0.1-0.2)	0.4 (0.4-0.5)	21.9 (20.6-23.4)
Minnesota	0.1 (0.1-0.1)	0.2 (0.1-0.2)	7.9 (6.8-8.8)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	7.7 (6.6-8.8)
Mississippi	0.4 (0.4-0.5)	1.4 (1.3-1.6)	46.9 (43.3-49.8)	0.4 (0.3-0.4)	1.1 (1-1.2)	45.7 (41.9-49)
Missouri	0.2 (0.2-0.2)	0.5 (0.5-0.6)	20.2 (18.5-21.9)	0.2 (0.2-0.2)	0.4 (0.4-0.5)	19.8 (18.3-21.2)
Montana	0 (0-0)	0 (0-0)	0.6 (0.3-0.9)	0 (0-0)	0 (0-0)	0.6 (0.3-0.9)
Nebraska	0.1 (0.1-0.1)	0.2 (0.1-0.2)	7 (5.8-8.6)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	5.9 (4.6-7.4)
Nevada	0.1 (0.1-0.1)	0.4 (0.4-0.5)	18.5 (16.9-20.5)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	19.2 (17.4-21.3)
New Hampshire	0 (0-0)	0 (0-0.1)	1.8 (1.2-2.3)	0 (0-0)	0 (0-0.1)	1.8 (1.4-2.4)
New Jersey	0.2 (0.2-0.2)	0.6 (0.6-0.7)	29.4 (27.3-31.6)	0.1 (0.1-0.1)	0.5 (0.5-0.6)	28.9 (26.9-30.9)
New Mexico	0.1 (0.1-0.1)	0 (0-0.1)	2.2 (1.6-2.8)	0.1 (0.1-0.1)	0 (0-0.1)	2.2 (1.6-2.9)
New York	0.2 (0.2-0.2)	0.7 (0.6-0.7)	37 (34.8-39.4)	0.1 (0.1-0.2)	0.6 (0.5-0.6)	37.6 (35.2-40.2)
North Carolina	0.3 (0.2-0.3)	0.8 (0.7-0.9)	34 (31.5-36.4)	0.2 (0.2-0.2)	0.7 (0.6-0.7)	34.1 (32-36.4)
North Dakota	0 (0-0.1)	0 (0-0)	0.4 (0.2-0.9)	0 (0-0.1)	0 (0-0)	0.4 (0.1-0.9)
Ohio	0.2 (0.2-0.2)	0.4 (0.4-0.5)	16.2 (14.9-17.4)	0.2 (0.1-0.2)	0.3 (0.3-0.4)	16.4 (15.3-17.6)
Oklahoma	0.2 (0.2-0.2)	0.3 (0.3-0.4)	10.1 (9-11.3)	0.1 (0.1-0.2)	0.2 (0.2-0.2)	8.3 (7.2-9.5)
Oregon	0 (0-0)	0.1 (0.1-0.1)	4.1 (3.4-4.8)	0 (0-0)	0.1 (0.1-0.1)	4.3 (3.6-5.1)
Pennsylvania	0.2 (0.2-0.2)	0.4 (0.3-0.4)	14.4 (13.4-15.6)	0.1 (0.1-0.2)	0.3 (0.3-0.3)	14.4 (13.4-15.3)
Rhode Island	0.1 (0.1-0.1)	0.4 (0.3-0.5)	19.2 (16.9-22.3)	0.1 (0-0.1)	0.3 (0.2-0.3)	16.7 (14.3-19.2)
South Carolina	0.4 (0.4-0.5)	1 (0.9-1.1)	39.2 (36.2-42.3)	0.3 (0.3-0.4)	0.7 (0.6-0.8)	36.4 (33.9-38.8)
South Dakota	0.1 (0.1-0.1)	0 (0-0.1)	1.4 (0.7-2.3)	0.1 (0-0.1)	0 (0-0)	1.4 (0.8-2.2)
Tennessee	0.2 (0.2-0.3)	0.7 (0.6-0.7)	24.2 (22.4-26)	0.2 (0.2-0.2)	0.6 (0.5-0.6)	24.1 (22.5-25.7)
Texas	0.2 (0.2-0.2)	0.4 (0.4-0.5)	19.9 (18.5-21.3)	0.1 (0.1-0.2)	0.4 (0.4-0.4)	21.4 (20-22.8)
Utah	0.1 (0-0.1)	0.1 (0.1-0.1)	3 (2.4-3.7)	0 (0-0)	0.1 (0-0.1)	2.9 (2.4-3.6)
Vermont	0 (0-0)	0.1 (0-0.1)	3.7 (2.4-5.5)	0 (0-0)	0.1 (0-0.1)	3.8 (2.4-5.8)
Virginia	0.2 (0.2-0.2)	0.7 (0.6-0.8)	28.8 (26.9-30.8)	0.2 (0.1-0.2)	0.6 (0.5-0.6)	29.2 (27.1-31.2)
Washington	0.1 (0.1-0.1)	0.2 (0.1-0.2)	7.1 (6.2-7.7)	0.1 (0-0.1)	0.1 (0.1-0.2)	7 (6.2-7.7)
West Virginia	0.1 (0.1-0.1)	0.1 (0.1-0.1)	4.2 (3.4-5.2)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	4 (3.2-4.9)
Wisconsin	0.1 (0.1-0.1)	0.3 (0.3-0.3)	12.7 (11.4-13.9)	0.1 (0.1-0.1)	0.2 (0.2-0.3)	11.4 (10.4-12.6)
Wyoming	0.1 (0.1-0.1)	0.1 (0-0.1)	3 (1.7-5)	0 (0-0.1)	0 (0-0.1)	1.8 (0.9-3.4)

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Southern Latin America	0 (0-0)	0 (0-0)	0.1 (0.1-0.2)	0 (0-0)	0 (0-0)	0.2 (0.1-0.2)
Argentina	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)
Chile	0 (0-0)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0.1)	0.4 (0.3-0.5)
Uruguay	0 (0-0)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0.1 (0.1-0.1)
Western Europe	0 (0-0)	0.5 (0.5-0.6)	8.6 (7.5-9.7)	0 (0-0)	0.5 (0.4-0.6)	8.3 (7.2-9.5)
Andorra	0 (0-0.1)	0.3 (0.3-0.4)	5.6 (4.5-6.8)	0 (0-0)	0.3 (0.3-0.4)	5.6 (4.6-6.6)
Austria	0 (0-0)	0.3 (0.2-0.3)	5.1 (4.6-5.6)	0 (0-0)	0.4 (0.4-0.5)	6.4 (5.8-7.1)
Belgium	0 (0-0)	0.2 (0.2-0.3)	3.1 (2.5-3.7)	0 (0-0)	0.2 (0.2-0.3)	3 (2.5-3.6)
Cyprus	0.1 (0.1-0.1)	1 (0.8-1.2)	17.1 (15.1-19.5)	0 (0-0)	1 (0.8-1.2)	17 (14.8-19.4)
Denmark	0 (0-0)	0.4 (0.3-0.5)	7.7 (6.5-8.9)	0 (0-0)	0.4 (0.3-0.5)	7.6 (6.5-8.7)
Finland	0 (0-0)	0.4 (0.3-0.5)	6.9 (5.9-8)	0 (0-0)	0.4 (0.3-0.5)	6.8 (5.6-7.8)
France	0 (0-0)	1 (0.9-1.2)	14.7 (12.6-16.9)	0 (0-0)	1 (0.8-1.1)	14.3 (12.1-16.6)
Germany	0 (0-0)	0.2 (0.2-0.3)	4 (3.5-4.7)	0 (0-0)	0.2 (0.2-0.3)	4 (3.5-4.6)
Greece	0 (0-0)	1.6 (1.3-2.1)	30.5 (26.2-35.1)	0.1 (0-0.1)	1.5 (1.2-1.9)	28.5 (25.1-31.6)
Iceland	0 (0-0)	0.2 (0.2-0.3)	3.7 (2.8-4.6)	0 (0-0)	0.2 (0.2-0.3)	3.8 (2.9-4.6)
Ireland	0 (0-0)	0.3 (0.2-0.4)	5.3 (4.2-6.3)	0 (0-0)	0.3 (0.2-0.4)	5.3 (4.1-6.2)
Israel	0 (0-0)	0.8 (0.7-1.1)	10.4 (8.8-12.5)	0 (0-0)	0.6 (0.5-0.8)	9 (7.3-10.9)
Italy	0 (0-0)	0.3 (0.3-0.4)	6.6 (5.8-7.4)	0 (0-0)	0.4 (0.3-0.4)	7.1 (6.2-8)
Abruzzo	0 (0-0)	0.1 (0.1-0.2)	2.3 (1.7-3)	0 (0-0)	0.1 (0.1-0.2)	2.5 (1.9-3.1)
Basilicata	0 (0-0)	0.1 (0.1-0.1)	2 (1.4-2.8)	0 (0-0)	0.1 (0.1-0.2)	2.5 (1.8-3.5)
Calabria	0 (0-0)	0.4 (0.3-0.5)	8.9 (7.7-10.2)	0 (0-0)	0.4 (0.3-0.5)	9 (7.9-10.2)
Campania	0 (0-0)	0.2 (0.1-0.2)	3.6 (3.1-4.2)	0 (0-0)	0.2 (0.2-0.2)	4.3 (3.7-4.9)
Emilia-Romagna	0 (0-0)	0.8 (0.7-1)	13.9 (12.2-15.6)	0 (0-0)	0.9 (0.7-1)	14.6 (12.9-16.2)
Friuli-Venezia Giulia	0 (0-0)	0.6 (0.5-0.7)	9.8 (8.3-11.4)	0 (0-0)	0.6 (0.5-0.7)	10.2 (8.9-11.8)
Lazio	0 (0-0)	0.2 (0.2-0.3)	4.8 (4.1-5.4)	0 (0-0)	0.3 (0.2-0.3)	5.4 (4.7-6.2)
Liguria	0 (0-0)	0.6 (0.5-0.7)	11.2 (9.7-12.7)	0 (0-0)	0.6 (0.5-0.7)	11.8 (10.4-13.4)
Lombardia	0 (0-0)	0.2 (0.2-0.3)	4.6 (3.9-5.3)	0 (0-0)	0.2 (0.2-0.3)	4.8 (4.2-5.4)
Marche	0 (0-0)	0.5 (0.4-0.6)	8.2 (6.9-9.5)	0 (0-0)	0.5 (0.4-0.6)	8.7 (7.5-10.1)
Molise	0 (0-0)	0.2 (0.1-0.4)	4.2 (2.9-6)	0 (0-0)	0.2 (0.1-0.4)	4 (2.8-5.6)

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Piemonte	0 (0-0)	0.3 (0.3-0.4)	5.4 (4.7-6.4)	0 (0-0)	0.4 (0.3-0.5)	6 (5.2-6.8)
Provincia autonoma di Bolzano	0 (0-0)	0.3 (0.2-0.4)	4.6 (3.5-6)	0 (0-0)	0.3 (0.2-0.4)	4.8 (3.6-6)
Provincia autonoma di Trento	0 (0-0)	0.2 (0.2-0.3)	4.2 (3.2-5.3)	0 (0-0)	0.2 (0.2-0.3)	4.2 (3.3-5.4)
Puglia	0 (0-0)	0.1 (0.1-0.2)	3 (2.4-3.7)	0 (0-0)	0.1 (0.1-0.2)	2.9 (2.4-3.5)
Sardegna	0 (0-0)	0.1 (0.1-0.2)	2.3 (1.7-2.9)	0 (0-0)	0.1 (0.1-0.2)	2.4 (1.8-3.1)
Sicilia	0 (0-0)	0.6 (0.5-0.8)	15.2 (13.4-17.6)	0 (0-0)	0.6 (0.5-0.7)	15 (13.3-16.9)
Toscana	0 (0-0)	0.2 (0.2-0.3)	4.5 (3.7-5.3)	0 (0-0)	0.3 (0.2-0.3)	4.6 (3.8-5.5)
Umbria	0 (0-0)	0.4 (0.3-0.4)	6.2 (5.1-7.2)	0 (0-0)	0.4 (0.3-0.5)	6.5 (5.5-7.7)
Valle d'Aosta	0 (0-0)	0.2 (0.1-0.3)	2.2 (1.3-3.2)	0 (0-0)	0.2 (0.1-0.3)	2 (1.2-3.1)
Veneto	0 (0-0)	0.4 (0.4-0.5)	8.2 (7.2-9.1)	0 (0-0)	0.5 (0.4-0.5)	8.9 (7.9-9.9)
Luxembourg	0 (0-0)	1.4 (1.2-1.7)	30.1 (26.4-34.5)	0 (0-0)	1.3 (1.1-1.6)	28 (24.3-32.5)
Malta	0 (0-0)	0.5 (0.4-0.6)	8.5 (7.2-10.2)	0 (0-0)	0.5 (0.4-0.6)	8.4 (7-9.9)
Monaco	0 (0-0)	0.3 (0.2-0.4)	5.2 (4.2-6.2)	0 (0-0)	0.3 (0.2-0.4)	5.2 (4.2-6.3)
Netherlands	0 (0-0)	0 (0-0.1)	0.7 (0.5-0.8)	0 (0-0)	0 (0-0.1)	0.7 (0.5-0.8)
Norway	0 (0-0)	0.3 (0.2-0.4)	3.3 (2.3-4.6)	0 (0-0)	0.3 (0.2-0.4)	3.3 (2.3-4.6)
Agder	0 (0-0)	0.3 (0.2-0.5)	3.4 (2.3-4.8)	0 (0-0)	0.3 (0.2-0.5)	3.4 (2.3-4.8)
Innlandet	0 (0-0)	0.3 (0.2-0.5)	3.4 (2.3-4.7)	0 (0-0)	0.3 (0.2-0.5)	3.4 (2.3-4.8)
Møre og Romsdal	0 (0-0)	0.3 (0.2-0.5)	3.3 (2.3-4.6)	0 (0-0)	0.3 (0.2-0.5)	3.3 (2.2-4.7)
Nordland	0 (0-0)	0.3 (0.2-0.5)	3.4 (2.3-4.8)	0 (0-0)	0.3 (0.2-0.5)	3.4 (2.3-4.8)
Oslo	0 (0-0)	0.3 (0.2-0.4)	3.3 (2.3-4.4)	0 (0-0)	0.3 (0.2-0.5)	3.3 (2.3-4.5)
Rogaland	0 (0-0)	0.3 (0.2-0.4)	3.3 (2.3-4.5)	0 (0-0)	0.3 (0.2-0.4)	3.2 (2.3-4.5)
Troms og Finnmark	0 (0-0)	0.3 (0.2-0.5)	3.4 (2.4-4.8)	0 (0-0)	0.3 (0.2-0.5)	3.4 (2.3-4.7)
Trøndelag	0 (0-0)	0.3 (0.2-0.4)	3.3 (2.3-4.6)	0 (0-0)	0.3 (0.2-0.4)	3.3 (2.2-4.5)
Vestfold og Telemark	0 (0-0)	0.3 (0.2-0.5)	3.3 (2.3-4.8)	0 (0-0)	0.3 (0.2-0.4)	3.3 (2.3-4.7)
Vestland	0 (0-0)	0.3 (0.2-0.4)	3.2 (2.3-4.5)	0 (0-0)	0.3 (0.2-0.4)	3.3 (2.3-4.6)
Viken	0 (0-0)	0.3 (0.2-0.4)	3.2 (2.3-4.4)	0 (0-0)	0.3 (0.2-0.4)	3.2 (2.3-4.6)
Portugal	0 (0-0)	1.8 (1.3-2.3)	27.6 (23.6-31.7)	0 (0-0)	1.6 (1.2-2.1)	23.6 (19.9-28.4)
San Marino	0 (0-0.1)	0.3 (0.2-0.4)	5 (4.1-6.1)	0 (0-0)	0.3 (0.2-0.4)	5.1 (4.1-6.1)
Spain	0 (0-0)	0.4 (0.3-0.5)	6.5 (5.4-7.4)	0 (0-0)	0.4 (0.3-0.5)	6.5 (5.4-7.4)

Location	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2000	Age standardized total SCD mortality rate (per 100,000 population), 2000	Age standardized rate (per 100,000 population), 2000	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2021	Age standardized total SCD mortality rate (per 100,000 population), 2021	Age standardized rate (per 100,000 population), 2021
Sweden	0 (0-0)	0.3 (0.2-0.4)	5.5 (4.5-6.8)	0 (0-0)	0.3 (0.2-0.4)	6 (4.6-7.5)
Stockholm	0 (0-0)	0.3 (0.2-0.4)	5.5 (4.4-6.8)	0 (0-0)	0.3 (0.2-0.4)	6 (4.7-7.4)
Sweden except Stockholm	0 (0-0)	0.3 (0.2-0.4)	5.5 (4.4-6.8)	0 (0-0)	0.3 (0.2-0.4)	6 (4.6-7.5)
Switzerland	0 (0-0)	0.8 (0.7-0.9)	17.3 (16-18.7)	0 (0-0)	0.8 (0.7-1)	17.4 (16-18.9)
United Kingdom	0 (0-0)	0.5 (0.4-0.6)	6.8 (5.5-8.2)	0 (0-0)	0.5 (0.4-0.6)	7.2 (5.8-8.7)
England	0 (0-0)	0.5 (0.4-0.6)	7.1 (5.7-8.6)	0 (0-0)	0.5 (0.4-0.6)	7.5 (6-9.1)
East Midlands	0 (0-0)	0.4 (0.3-0.4)	4.9 (3.8-6)	0 (0-0)	0.4 (0.3-0.5)	5.3 (4.2-6.4)
Derby	0 (0-0)	0.4 (0.3-0.5)	5.2 (3.7-6.9)	0 (0-0)	0.4 (0.3-0.5)	5.3 (3.9-7.1)
Derbyshire	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.7-3.1)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.1)
Leicester	0 (0-0)	0.6 (0.4-0.7)	8.6 (6.5-10.9)	0 (0-0)	0.6 (0.4-0.7)	8.7 (6.8-11.1)
Leicestershire	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.7-3.1)	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.8-3.1)
Lincolnshire	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.7-3.1)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.2)
Northamptonshire	0 (0-0)	0.6 (0.4-0.8)	9.8 (7.4-12.8)	0 (0-0)	0.6 (0.5-0.8)	9.9 (7.7-12.7)
Nottingham	0 (0-0)	0.9 (0.7-1.2)	13.3 (10.1-17)	0 (0-0)	1 (0.7-1.3)	13.4 (10.2-17.1)
Nottinghamshire	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.7-3.1)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.1)
Rutland	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.7-3.3)	0 (0-0)	0.2 (0.1-0.3)	2.5 (1.9-4)
East of England	0 (0-0)	0.4 (0.3-0.5)	6.1 (4.6-7.6)	0 (0-0)	0.4 (0.3-0.5)	5.8 (4.3-7.3)
Bedford	0 (0-0)	0.9 (0.6-1.2)	12.4 (8.6-16.6)	0 (0-0)	0.7 (0.5-1)	10.2 (7.1-13.9)
Cambridgeshire	0 (0-0)	0.3 (0.2-0.3)	3.5 (2.7-4.7)	0 (0-0)	0.3 (0.2-0.4)	3.6 (2.7-4.8)
Central Bedfordshire	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.8-3.1)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.2)
Essex	0 (0-0)	0.4 (0.3-0.5)	5.9 (4.3-7.7)	0 (0-0)	0.4 (0.3-0.5)	6.1 (4.4-7.8)
Hertfordshire	0 (0-0)	0.4 (0.3-0.5)	5.8 (4.4-7.5)	0 (0-0)	0.4 (0.3-0.5)	6 (4.4-7.6)
Luton	0.1 (0.1-0.1)	0.6 (0.4-0.7)	7.6 (5.4-10.1)	0.1 (0-0.1)	0.6 (0.4-0.8)	7.7 (5.4-10.1)
Norfolk	0 (0-0)	0.3 (0.2-0.4)	4 (3.1-5)	0 (0-0)	0.3 (0.2-0.4)	4.1 (3.2-5.2)
Peterborough	0 (0-0)	0.3 (0.2-0.4)	3.6 (2.6-4.8)	0 (0-0)	0.3 (0.2-0.4)	3.7 (2.6-5)
Southend-on-Sea	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.7-3.2)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.7-3.2)
Suffolk	0 (0-0)	0.7 (0.5-0.9)	11 (8-14.5)	0 (0-0)	0.5 (0.4-0.7)	8.4 (5.9-11)
Thurrock	0.1 (0.1-0.1)	0.7 (0.5-1)	11.9 (8.4-15.8)	0.1 (0-0.1)	0.8 (0.5-1)	12 (8.5-15.8)
Greater London	0.1 (0.1-0.1)	1.2 (0.9-1.5)	18.9 (15.4-23.4)	0.1 (0-0.1)	1.1 (0.9-1.4)	18.2 (15-22.6)

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Barking and Dagenham	0.1 (0.1-0.1)	1.5 (1.1-1.8)	24.1 (19.9-29.1)	0.1 (0.1-0.1)	1.4 (1.1-1.7)	23 (18.7-27.9)
Barnet	0 (0-0.1)	1 (0.8-1.2)	17.6 (14.2-21.9)	0 (0-0)	1 (0.7-1.2)	16.9 (13.5-21.2)
Bexley	0 (0-0)	0.7 (0.5-0.9)	11.7 (8.4-15.6)	0 (0-0)	0.6 (0.4-0.8)	10.2 (7.4-13.3)
Brent	0.1 (0.1-0.1)	1 (0.8-1.3)	15.6 (12.5-19.8)	0.1 (0.1-0.1)	1 (0.8-1.3)	15.4 (12.6-19.4)
Bromley	0 (0-0)	0.5 (0.3-0.7)	8.9 (5.9-12.1)	0 (0-0)	0.5 (0.3-0.7)	9.1 (6.1-12.3)
Camden	0.1 (0.1-0.1)	1.1 (0.8-1.4)	16.6 (12.7-21.5)	0.1 (0-0.1)	0.9 (0.6-1.1)	13.5 (10.5-17.3)
Croydon	0.1 (0.1-0.1)	1.1 (0.9-1.4)	18.8 (15.1-23.5)	0.1 (0.1-0.1)	1.2 (0.9-1.4)	19.2 (15.3-23.7)
Ealing	0.1 (0.1-0.1)	0.7 (0.5-0.9)	11.5 (8.8-14.9)	0.1 (0-0.1)	0.7 (0.5-0.8)	10.3 (8-13.1)
Enfield	0.1 (0.1-0.1)	2.3 (1.8-2.9)	42 (34.7-51.1)	0.1 (0-0.1)	2.1 (1.7-2.7)	39 (31.7-47.7)
Greenwich	0.1 (0.1-0.1)	1.2 (1-1.6)	20.4 (16.3-25.2)	0.1 (0.1-0.1)	1.2 (1-1.6)	20.1 (16.2-25.1)
Hackney	0.2 (0.2-0.2)	3.3 (2.6-4.1)	54.3 (44.7-65.9)	0.1 (0.1-0.1)	3.2 (2.5-4)	51.7 (42.3-62.4)
Hammersmith and Fulham	0.1 (0.1-0.1)	1 (0.7-1.4)	15.9 (11.5-21.4)	0.1 (0-0.1)	0.9 (0.6-1.2)	13.4 (9.7-18)
Haringey	0.1 (0.1-0.2)	3.4 (2.7-4.2)	54.8 (45.1-66.5)	0.1 (0.1-0.1)	3.2 (2.6-4.1)	52.4 (42.9-64.6)
Harrow	0 (0-0)	0.3 (0.2-0.4)	3.8 (2.8-5)	0 (0-0)	0.3 (0.2-0.4)	3.9 (2.8-5.3)
Havering	0 (0-0)	0.4 (0.2-0.5)	5.8 (3.8-8.5)	0 (0-0)	0.4 (0.2-0.6)	6 (3.9-8.9)
Hillingdon	0 (0-0)	0.4 (0.3-0.5)	5.6 (3.9-8.2)	0 (0-0)	0.4 (0.3-0.6)	5.8 (3.9-8.5)
Hounslow	0 (0-0)	0.7 (0.5-0.9)	11.1 (7.7-14.9)	0 (0-0)	0.7 (0.5-0.9)	10.9 (7.6-14.2)
Islington	0.1 (0.1-0.1)	0.6 (0.4-0.8)	8.6 (6-11.1)	0 (0-0)	0.6 (0.4-0.8)	8.5 (5.9-11.2)
Kensington and Chelsea	0 (0-0.1)	0.2 (0.1-0.3)	2.3 (1.7-3.2)	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.8-3.1)
Kingston upon Thames	0 (0-0)	0.4 (0.3-0.5)	6.9 (5.3-9.1)	0 (0-0)	0.4 (0.3-0.5)	6.8 (5.2-8.8)
Lambeth	0.2 (0.2-0.2)	2.5 (2-3.1)	40.2 (33.2-48.3)	0.1 (0.1-0.1)	2.3 (1.8-2.9)	37.5 (30.5-45.5)
Lewisham	0.1 (0.1-0.1)	1.8 (1.4-2.2)	29.6 (25.1-35.7)	0.1 (0.1-0.1)	1.7 (1.4-2.1)	28.2 (23.3-34.2)
Merton	0 (0-0)	0.8 (0.6-1.1)	14.3 (10.5-19.2)	0 (0-0)	0.9 (0.6-1.1)	14.3 (10.6-19)
Newham	0.2 (0.2-0.2)	1.5 (1.2-1.8)	22.2 (18.7-27.2)	0.1 (0.1-0.1)	1.5 (1.2-1.9)	22.3 (18.2-27.2)
Redbridge	0 (0-0)	0.6 (0.4-0.8)	9.5 (6.7-12.7)	0 (0-0)	0.6 (0.4-0.8)	9.6 (6.7-12.6)
Richmond upon Thames	0 (0-0)	0.4 (0.3-0.6)	7 (4.7-9.9)	0 (0-0)	0.4 (0.3-0.6)	7.2 (4.8-10)
Southwark	0.2 (0.2-0.2)	2.2 (1.8-2.8)	35.5 (29-43.3)	0.1 (0.1-0.1)	2.3 (1.8-2.9)	35.5 (29.6-42.9)
Sutton	0 (0-0)	0.3 (0.2-0.4)	5.1 (3.8-6.7)	0 (0-0)	0.3 (0.2-0.4)	5.1 (3.7-6.7)
Tower Hamlets	0.1 (0.1-0.1)	0.7 (0.5-0.9)	9.2 (7.1-11.6)	0 (0-0)	0.6 (0.4-0.8)	7.7 (5.9-10)

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Waltham Forest	0.1 (0.1-0.1)	1.4 (1.1-1.8)	21.9 (17-27.8)	0.1 (0.1-0.1)	1.4 (1.1-1.8)	21.3 (16.9-27.3)
Wandsworth	0.1 (0.1-0.1)	0.7 (0.5-0.9)	10.6 (7.9-13.9)	0.1 (0-0.1)	0.7 (0.5-0.9)	10.7 (8-13.7)
Westminster	0.1 (0.1-0.1)	0.5 (0.3-0.7)	6.8 (4.7-9.2)	0 (0-0)	0.4 (0.3-0.6)	5.4 (3.7-7.6)
North East England	0 (0-0)	0.3 (0.2-0.4)	3.9 (3-5)	0 (0-0)	0.3 (0.2-0.4)	4.1 (3.1-5.4)
County Durham	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.1)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.2)
Darlington	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.4)
Gateshead	0 (0-0)	0.3 (0.2-0.5)	5 (3.6-6.7)	0 (0-0)	0.4 (0.2-0.5)	5.1 (3.6-6.9)
Hartlepool	0 (0-0)	0.2 (0.2-0.3)	2.4 (1.8-3.3)	0 (0-0)	0.2 (0.2-0.3)	2.5 (1.9-3.6)
Middlesbrough	0 (0-0)	0.6 (0.4-0.8)	7 (5.1-9.4)	0 (0-0)	0.6 (0.4-0.8)	7 (4.9-9.3)
Newcastle upon Tyne	0 (0-0)	0.6 (0.4-0.8)	8.3 (5.8-11.1)	0 (0-0)	0.6 (0.4-0.8)	8.3 (5.8-11.3)
North Tyneside	0 (0-0)	0.5 (0.3-0.6)	6.4 (4.6-8.4)	0 (0-0)	0.5 (0.3-0.6)	6.4 (4.5-8.3)
Northumberland	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.8-3.3)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.7-3.3)
Redcar and Cleveland	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)	0 (0-0)	0.2 (0.1-0.3)	2.5 (1.9-3.4)
South Tyneside	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)	0 (0-0)	0.2 (0.1-0.3)	2.5 (1.8-3.4)
Stockton-on-Tees	0 (0-0)	0.3 (0.2-0.4)	4.1 (2.9-5.5)	0 (0-0)	0.3 (0.2-0.4)	4.2 (3.1-5.7)
Sunderland	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.2)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)
North West England	0 (0-0)	0.4 (0.3-0.5)	5.6 (4.4-6.7)	0 (0-0)	0.5 (0.3-0.6)	6.2 (4.9-7.5)
Blackburn with Darwen	0 (0-0)	0.5 (0.4-0.7)	6.5 (4.6-8.7)	0 (0-0)	0.5 (0.4-0.7)	6.6 (4.8-8.7)
Blackpool	0 (0-0)	0.4 (0.3-0.6)	4.9 (3.6-6.5)	0 (0-0)	0.4 (0.3-0.6)	5 (3.6-6.7)
Bolton	0 (0-0)	0.6 (0.4-0.8)	7.7 (5.5-10.1)	0 (0-0)	0.6 (0.4-0.8)	7.8 (5.5-10.1)
Bury	0 (0-0)	0.3 (0.2-0.4)	3.5 (2.5-4.6)	0 (0-0)	0.3 (0.2-0.4)	3.6 (2.5-5)
Cheshire East	0 (0-0)	0.2 (0.2-0.3)	3.1 (2.4-4.1)	0 (0-0)	0.2 (0.2-0.3)	3.2 (2.4-4.3)
Cheshire West and Chester	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.7-3.1)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)
Cumbria	0 (0-0)	0.2 (0.2-0.3)	3.1 (2.3-4.1)	0 (0-0)	0.3 (0.2-0.4)	3.2 (2.3-4.2)
Halton	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)	0 (0-0)	0.2 (0.2-0.3)	2.5 (1.8-3.4)
Knowsley	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)	0 (0-0)	0.2 (0.2-0.3)	2.5 (1.8-3.4)
Lancashire	0 (0-0)	0.2 (0.2-0.3)	2.9 (2.3-3.9)	0 (0-0)	0.2 (0.2-0.3)	2.7 (2.1-3.6)
Liverpool	0 (0-0)	0.6 (0.5-0.8)	9.1 (6.8-11.9)	0 (0-0)	0.6 (0.5-0.8)	9.2 (6.7-12.1)
Manchester	0.1 (0.1-0.1)	1.3 (1-1.6)	18.8 (15.2-23.5)	0.1 (0-0.1)	1.3 (1-1.6)	19.1 (15.5-23.4)

Location	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2000	Age standardized total SCD mortality rate (per 100,000 population), 2000	Age standardized rate (per 100,000 population), 2000	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2021	Age standardized total SCD mortality rate (per 100,000 population), 2021	Age standardized rate (per 100,000 population), 2021
Oldham	0 (0-0)	0.3 (0.2-0.4)	3.3 (2.4-4.3)	0 (0-0)	0.3 (0.2-0.4)	3.4 (2.5-4.6)
Rochdale	0 (0-0)	0.2 (0.2-0.3)	2.4 (1.8-3.2)	0 (0-0)	0.2 (0.2-0.3)	2.5 (1.8-3.3)
Salford	0 (0-0)	1.1 (0.8-1.4)	17 (13.5-21.2)	0 (0-0)	1.1 (0.8-1.4)	17 (13.5-21.4)
Sefton	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)
St Helens	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.2)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)
Stockport	0 (0-0)	0.3 (0.2-0.4)	3.9 (2.9-5.2)	0 (0-0)	0.3 (0.2-0.4)	4 (2.9-5.3)
Tameside	0 (0-0)	0.7 (0.5-0.9)	10.2 (7.3-13.5)	0 (0-0)	0.7 (0.5-0.9)	10.3 (7.3-13.4)
Trafford	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.7-3.2)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.2)
Warrington	0 (0-0)	0.2 (0.2-0.3)	2.4 (1.8-3.2)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)
Wigan	0 (0-0)	0.4 (0.3-0.5)	5.4 (3.9-7.1)	0 (0-0)	0.4 (0.3-0.5)	5.6 (4-7.5)
Wirral	0 (0-0)	0.3 (0.2-0.4)	3.8 (2.9-5)	0 (0-0)	0.3 (0.2-0.4)	3.5 (2.6-4.7)
South East England	0 (0-0)	0.3 (0.2-0.4)	4.7 (3.6-6)	0 (0-0)	0.3 (0.2-0.4)	4.8 (3.8-6.1)
Bracknell Forest	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.7-3.2)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)
Brighton and Hove	0 (0-0)	0.3 (0.2-0.4)	4 (2.9-5.6)	0 (0-0)	0.3 (0.2-0.4)	4.1 (3-5.9)
Buckinghamshire	0 (0-0)	0.4 (0.3-0.6)	6.4 (4.4-8.5)	0 (0-0)	0.4 (0.3-0.6)	6.5 (4.5-8.6)
East Sussex	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.7-3.1)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.9-3.3)
Hampshire	0 (0-0)	0.3 (0.2-0.4)	4.7 (3.7-6)	0 (0-0)	0.3 (0.2-0.4)	4.8 (3.7-6.1)
Isle of Wight	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.7-3.3)	0 (0-0)	0.2 (0.1-0.3)	2.5 (1.9-3.3)
Kent	0 (0-0)	0.4 (0.3-0.5)	5.6 (4.2-7.3)	0 (0-0)	0.3 (0.2-0.5)	5.2 (3.9-6.7)
Medway	0 (0-0)	0.4 (0.3-0.5)	5.9 (4.3-7.8)	0 (0-0)	0.4 (0.3-0.5)	5.9 (4.4-7.8)
Milton Keynes	0 (0-0)	0.9 (0.7-1.2)	15.3 (11.9-19.5)	0 (0-0)	0.9 (0.7-1.2)	15.3 (12-20.1)
Oxfordshire	0 (0-0)	0.4 (0.3-0.5)	5.3 (3.8-6.8)	0 (0-0)	0.4 (0.3-0.5)	5.4 (4-7.1)
Portsmouth	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)
Reading	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)	0 (0-0)	0.2 (0.1-0.3)	2.5 (1.8-3.4)
Slough	0.1 (0.1-0.1)	0.7 (0.4-0.9)	9.2 (6.2-12.5)	0.1 (0-0.1)	0.7 (0.5-0.9)	9.4 (6.2-12.8)
Southampton	0 (0-0)	0.4 (0.3-0.5)	4.7 (3.4-6.3)	0 (0-0)	0.4 (0.3-0.5)	4.8 (3.5-6.7)
Surrey	0 (0-0)	0.3 (0.2-0.4)	3.8 (2.9-4.8)	0 (0-0)	0.3 (0.2-0.4)	4 (3-4.9)
West Berkshire	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.8-3.1)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.7-3.3)
West Sussex	0 (0-0)	0.2 (0.2-0.3)	2.9 (2.1-3.8)	0 (0-0)	0.2 (0.2-0.3)	3 (2.2-3.9)

Location	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2000	Age standardized total SCD mortality rate (per 100,000 population), 2000	Age standardized rate (per 100,000 population), 2000	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2021	Age standardized total SCD mortality rate (per 100,000 population), 2021	Age standardized rate (per 100,000 population), 2021
Windsor and Maidenhead	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.7-3.1)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)
Wokingham	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.7-3.1)	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.7-3.2)
South West England	0 (0-0)	0.3 (0.2-0.4)	3.8 (3-4.8)	0 (0-0)	0.3 (0.2-0.4)	3.8 (3-4.9)
Bath and North East Somerset	0 (0-0)	0.4 (0.3-0.5)	5.5 (3.8-7)	0 (0-0)	0.4 (0.3-0.5)	5.6 (3.9-7.6)
Bournemouth	0 (0-0)	0.6 (0.4-0.8)	9.8 (7.2-13)	0 (0-0)	0.4 (0.3-0.6)	7.4 (5.5-9.8)
Bristol, City of	0 (0-0)	0.7 (0.6-0.9)	12 (9.3-15.1)	0 (0-0)	0.7 (0.5-0.9)	11.2 (8.7-14.1)
Cornwall	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.8-3.1)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)
Devon	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.7-3)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)
Dorset	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.7-3.2)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)
Gloucestershire	0 (0-0)	0.3 (0.2-0.4)	3.7 (2.7-5)	0 (0-0)	0.3 (0.2-0.4)	3.8 (2.9-5.2)
North Somerset	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.8-3.2)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)
Plymouth	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.2)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.2)
Poole	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.2)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)
Somerset	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.7-3.1)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.1)
South Gloucestershire	0 (0-0)	0.3 (0.2-0.4)	4.4 (3.2-6)	0 (0-0)	0.3 (0.2-0.5)	4.6 (3.3-6.3)
Swindon	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.7-3.3)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)
Torbay	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)	0 (0-0)	0.2 (0.1-0.3)	2.5 (1.9-3.4)
Wiltshire	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.7-3.1)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)
West Midlands	0 (0-0)	0.4 (0.3-0.5)	5.9 (4.7-7.2)	0 (0-0)	0.4 (0.3-0.6)	6.2 (5-7.6)
Birmingham	0.1 (0.1-0.1)	0.8 (0.6-0.9)	11.7 (9.2-14.5)	0.1 (0.1-0.1)	0.8 (0.6-1)	12.4 (10-15.6)
Coventry	0 (0-0)	0.6 (0.4-0.8)	8.3 (5.8-11.3)	0 (0-0)	0.6 (0.4-0.8)	8.5 (5.9-11.4)
Dudley	0 (0-0)	0.5 (0.4-0.6)	7.3 (5.7-9.6)	0 (0-0)	0.4 (0.3-0.5)	6.1 (4.6-7.9)
Herefordshire, County of	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.7-3.2)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)
Sandwell	0.1 (0.1-0.1)	0.8 (0.5-1)	11 (8.1-14.4)	0.1 (0.1-0.1)	0.7 (0.5-0.9)	9.6 (7.2-12.6)
Shropshire	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.7-3.1)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.7-3.3)
Solihull	0 (0-0)	0.3 (0.2-0.4)	4.5 (3.3-6.1)	0 (0-0)	0.3 (0.2-0.4)	4.6 (3.3-6.3)
Staffordshire	0 (0-0)	0.2 (0.2-0.3)	3 (2.3-3.9)	0 (0-0)	0.2 (0.2-0.3)	2.8 (2.1-3.6)
Stoke-on-Trent	0 (0-0)	0.2 (0.2-0.3)	2.4 (1.8-3.3)	0 (0-0)	0.2 (0.2-0.3)	2.5 (1.8-3.4)
Telford and Wrekin	0 (0-0)	0.7 (0.5-0.9)	9.1 (7-12.1)	0 (0-0)	0.7 (0.5-0.9)	9.2 (7-12.3)

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Walsall	0 (0-0)	0.2 (0.2-0.3)	2.4 (1.8-3.4)	0 (0-0)	0.2 (0.2-0.3)	2.4 (1.8-3.2)
Warwickshire	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.7-3)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)
Wolverhampton	0.1 (0.1-0.1)	0.3 (0.3-0.5)	4.7 (3.5-6)	0.1 (0.1-0.1)	0.4 (0.3-0.5)	4.8 (3.6-6.1)
Worcestershire	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.7-3)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.7-3.2)
Yorkshire and the Humber	0 (0-0)	0.3 (0.2-0.4)	3.7 (2.9-4.7)	0 (0-0)	0.3 (0.2-0.4)	3.9 (3-5)
Barnsley	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.2)	0 (0-0)	0.2 (0.2-0.3)	2.4 (1.9-3.3)
Bradford	0 (0-0)	0.4 (0.3-0.5)	4.6 (3.4-5.8)	0 (0-0)	0.4 (0.3-0.5)	4.8 (3.6-6.2)
Calderdale	0 (0-0)	0.2 (0.2-0.3)	2.4 (1.8-3.2)	0 (0-0)	0.2 (0.2-0.3)	2.4 (1.8-3.3)
Doncaster	0 (0-0)	0.2 (0.2-0.3)	2.4 (1.8-3.2)	0 (0-0)	0.2 (0.2-0.3)	2.4 (1.8-3.3)
East Riding of Yorkshire	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.9-3.3)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)
Kingston upon Hull, City of	0 (0-0)	0.4 (0.3-0.6)	5.9 (4-8.3)	0 (0-0)	0.5 (0.3-0.7)	6.1 (4.1-8.8)
Kirklees	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.7-3)	0 (0-0)	0.2 (0.2-0.3)	2.4 (1.8-3.2)
Leeds	0 (0-0)	0.5 (0.3-0.6)	6.9 (5-8.8)	0 (0-0)	0.5 (0.3-0.6)	7 (5.1-9.1)
North East Lincolnshire	0 (0-0)	0.2 (0.2-0.3)	2.4 (1.8-3.2)	0 (0-0)	0.2 (0.2-0.3)	2.5 (1.9-3.4)
North Lincolnshire	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)
North Yorkshire	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.7-3)	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.8-3.2)
Rotherham	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)
Sheffield	0 (0-0)	0.3 (0.2-0.4)	4.8 (3.5-6.4)	0 (0-0)	0.3 (0.2-0.4)	4.9 (3.5-6.6)
Wakefield	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.2)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.8-3.3)
York	0 (0-0)	0.2 (0.1-0.3)	2.3 (1.8-3.2)	0 (0-0)	0.2 (0.1-0.3)	2.4 (1.7-3.2)
Northern Ireland	0 (0-0)	0.3 (0.3-0.4)	5.3 (4.2-6.3)	0 (0-0)	0.3 (0.3-0.4)	5.3 (4.3-6.3)
Scotland	0 (0-0)	0.3 (0.3-0.4)	5.3 (4.4-6.4)	0 (0-0)	0.3 (0.3-0.4)	5.4 (4.2-6.4)
Wales	0 (0-0)	0.3 (0.3-0.4)	5.6 (4.5-6.7)	0 (0-0)	0.3 (0.3-0.4)	5.6 (4.6-6.8)
Latin America and Caribbean	0.2 (0.2-0.3)	0.7 (0.6-0.8)	10 (8.6-11.4)	0.2 (0.2-0.3)	0.8 (0.7-1)	10.7 (9.2-12.3)
Andean Latin America	0 (0-0.1)	0.2 (0.1-0.2)	3.9 (3.1-4.7)	0 (0-0)	0.2 (0.1-0.2)	3.9 (3.2-4.7)
Bolivia (Plurinational State of)	0.1 (0.1-0.1)	0.2 (0.1-0.3)	4.1 (3.1-5.3)	0 (0-0.1)	0.2 (0.1-0.3)	4 (3-5.1)
Ecuador	0 (0-0)	0.2 (0.1-0.2)	3.8 (3.5-4.1)	0 (0-0)	0.2 (0.2-0.2)	4 (3.6-4.4)
Peru	0 (0-0.1)	0.2 (0.1-0.2)	3.8 (3-4.9)	0 (0-0)	0.2 (0.1-0.2)	3.8 (2.9-4.9)
Caribbean	1.4 (1.1-1.8)	6.4 (5.4-7.3)	71.5 (60.9-82.4)	1.4 (1-1.8)	7.7 (6.6-9)	76.2 (63.6-89.6)

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Antigua and Barbuda	2.1 (2-2.2)	2.9 (2.1-3.8)	48 (37-61.4)	2 (1.8-2.1)	3.4 (2.5-4.5)	47.2 (35.4-60.6)
Bahamas	1.8 (1.6-2)	5.3 (3.9-7.3)	82.4 (60.9-105)	1.7 (1.3-2.1)	6.4 (4.8-8.4)	88.1 (66.5-110)
Barbados	1.2 (1.1-1.3)	3.1 (2.3-4.1)	50 (38.1-62.7)	0.7 (0.5-0.9)	3.7 (2.7-5)	49.6 (36.2-64.1)
Belize	0.7 (0.6-0.7)	5.2 (3.9-6.7)	62.3 (48.1-78.1)	0.6 (0.5-0.6)	6.2 (4.6-8.1)	61.8 (46.6-79)
Bermuda	1 (0.9-1.1)	2 (1.4-2.9)	40.4 (30.3-51.2)	0.9 (0.7-1)	2.4 (1.7-3.2)	40 (30.3-53)
Cuba	0.4 (0.4-0.4)	1.2 (1-1.4)	16.4 (13.6-19.8)	0.3 (0.3-0.4)	2 (1.6-2.5)	20.8 (16.8-26.1)
Dominica	1.1 (0.9-1.4)	3.4 (2.5-4.4)	48.8 (37.8-62)	1.1 (0.8-1.4)	3.9 (3-5.1)	48.2 (36.2-61.9)
Dominican Republic	1 (0.8-1.3)	7.4 (5.9-8.9)	77.2 (60.8-91.8)	0.7 (0.5-0.9)	8.2 (6.7-9.8)	78.8 (62.4-95.8)
Grenada	2.6 (2.5-2.8)	3.8 (2.8-4.9)	52.9 (40.9-66.8)	2.9 (2.6-3.3)	4.5 (3.3-5.9)	52.7 (40-68.9)
Guyana	2.1 (1.8-2.4)	4 (3-5.1)	55.7 (42.9-72.1)	1.8 (1.4-2.3)	4.6 (3.4-6)	54.7 (41.1-70.2)
Haiti	3.2 (2-4.8)	9.9 (8.5-11.3)	106 (89.8-123)	2.6 (1.7-3.9)	10.2 (8.8-11.7)	100 (82.8-116)
Jamaica	1.8 (1.7-1.9)	12.1 (11.2-13.1)	143 (129-157)	1.4 (1.1-1.8)	12 (10.1-13.8)	116 (99.6-136)
Puerto Rico	0.2 (0.1-0.2)	2.3 (1.6-3.1)	43.7 (32.5-55.6)	0.2 (0.1-0.2)	2.6 (1.8-3.5)	43 (31.4-56.5)
Saint Kitts and Nevis	1.7 (1.5-1.9)	3.3 (2.4-4.3)	49.7 (38.8-63.1)	1.4 (1.2-1.6)	3.8 (2.9-5)	48.9 (37.1-64.2)
Saint Lucia	2.2 (2.1-2.4)	3.8 (2.8-5)	55.6 (44-70.9)	1.8 (1.5-2.2)	4.5 (3.3-5.8)	54.4 (41.3-70.2)
Saint Vincent and the Grenadines	2 (1.9-2.2)	3.8 (2.9-5)	54.3 (42.7-70.8)	1.9 (1.7-2.2)	4.4 (3.4-5.8)	53.8 (41.3-70)
Suriname	0.8 (0.6-1)	4.1 (3.1-5.3)	54.1 (41.5-68.3)	0.7 (0.5-0.8)	4.7 (3.6-6.1)	53.6 (41.5-69.6)
Trinidad and Tobago	1.3 (1.2-1.4)	3.7 (2.7-4.8)	54.1 (41.5-69)	1 (0.8-1.3)	4.3 (3.2-5.6)	53.2 (40.9-69)
United States Virgin Islands	0.4 (0.3-0.6)	2.7 (2-3.6)	48.1 (36.8-60.7)	0.4 (0.3-0.6)	3.1 (2.3-4.2)	47.8 (35-63.3)
Central Latin America	0.1 (0-0.1)	0.1 (0.1-0.1)	1.6 (1.3-1.9)	0.1 (0-0.1)	0.1 (0.1-0.1)	0.9 (0.7-1.1)
Colombia	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.5 (0.4-0.6)	0.1 (0.1-0.1)	0.1 (0.1-0.2)	0.5 (0.4-0.6)
Costa Rica	0.1 (0.1-0.1)	0 (0-0)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0.1)
El Salvador	0 (0-0)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0.1 (0-0.1)
Guatemala	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Honduras	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Mexico	0 (0-0)	0 (0-0.1)	0.9 (0.7-1.3)	0 (0-0)	0 (0-0.1)	0.9 (0.7-1.3)
Aguascalientes	0 (0-0)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0 (0-0)	0.1 (0-0.2)
Baja California	0 (0-0)	0 (0-0.1)	0.9 (0.5-1.4)	0 (0-0)	0 (0-0.1)	0.9 (0.5-1.5)
Baja California Sur	0 (0-0)	0.1 (0-0.1)	1.8 (1-2.7)	0 (0-0)	0.1 (0-0.1)	1.8 (1.1-2.7)

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Campeche	0 (0-0)	0.1 (0.1-0.1)	2 (1.3-2.8)	0 (0-0)	0.1 (0.1-0.1)	2 (1.4-2.8)
Chiapas	0 (0-0)	0.1 (0-0.1)	1.1 (0.8-1.6)	0 (0-0)	0.1 (0-0.1)	1 (0.8-1.4)
Chihuahua	0 (0-0)	0 (0-0)	0.4 (0.2-0.7)	0 (0-0)	0 (0-0)	0.5 (0.2-0.8)
Coahuila	0 (0-0)	0 (0-0)	0.6 (0.4-0.9)	0 (0-0)	0 (0-0)	0.6 (0.4-0.9)
Colima	0 (0-0)	0 (0-0.1)	0.7 (0.3-1.4)	0 (0-0)	0 (0-0.1)	0.7 (0.2-1.5)
Durango	0 (0-0)	0 (0-0)	0.6 (0.2-1)	0 (0-0)	0 (0-0.1)	0.6 (0.3-1.2)
Guanajuato	0 (0-0)	0 (0-0)	0.4 (0.3-0.6)	0 (0-0)	0 (0-0)	0.4 (0.2-0.6)
Guerrero	0 (0-0)	0.1 (0.1-0.1)	2.4 (1.9-2.9)	0 (0-0)	0.1 (0.1-0.1)	2.2 (1.8-2.9)
Hidalgo	0 (0-0)	0 (0-0)	0.4 (0.2-0.8)	0 (0-0)	0 (0-0)	0.4 (0.2-0.8)
Jalisco	0 (0-0)	0 (0-0)	0.7 (0.4-1)	0 (0-0)	0 (0-0)	0.5 (0.3-0.9)
México	0 (0-0)	0 (0-0)	0.2 (0.1-0.3)	0 (0-0)	0 (0-0)	0.2 (0.1-0.4)
Mexico City	0 (0-0)	0 (0-0)	0.6 (0.4-0.7)	0 (0-0)	0 (0-0)	0.6 (0.4-0.8)
Michoacán de Ocampo	0 (0-0)	0 (0-0)	0.6 (0.3-1)	0 (0-0)	0 (0-0.1)	0.6 (0.3-1)
Morelos	0 (0-0)	0 (0-0.1)	0.7 (0.3-1.4)	0 (0-0)	0 (0-0.1)	0.6 (0.3-1.3)
Nayarit	0 (0-0)	0 (0-0.1)	0.8 (0.4-1.4)	0 (0-0)	0 (0-0.1)	0.9 (0.5-1.7)
Nuevo León	0 (0-0)	0.1 (0-0.1)	1.3 (0.9-1.9)	0 (0-0)	0 (0-0.1)	1.1 (0.7-1.5)
Oaxaca	0 (0-0)	0.1 (0.1-0.1)	2 (1.6-2.5)	0 (0-0)	0.1 (0.1-0.1)	2 (1.6-2.6)
Puebla	0 (0-0)	0 (0-0)	0.3 (0.1-0.6)	0 (0-0)	0 (0-0)	0.3 (0.2-0.6)
Querétaro	0 (0-0)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0 (0-0)	0.1 (0-0.2)
Quintana Roo	0 (0-0)	0.1 (0-0.1)	1.8 (1.2-2.6)	0 (0-0)	0.1 (0-0.1)	1.6 (1-2.5)
San Luis Potosí	0 (0-0)	0 (0-0.1)	0.6 (0.3-1.1)	0 (0-0)	0 (0-0.1)	0.7 (0.3-1.2)
Sinaloa	0 (0-0)	0 (0-0.1)	1.1 (0.7-1.6)	0 (0-0)	0.1 (0-0.1)	1.1 (0.8-1.6)
Sonora	0 (0-0)	0 (0-0.1)	0.8 (0.5-1.2)	0 (0-0)	0 (0-0.1)	0.7 (0.4-1.1)
Tabasco	0 (0-0)	0.2 (0.2-0.3)	4.5 (3.8-5.3)	0.1 (0-0.1)	0.2 (0.2-0.3)	4.6 (3.9-5.5)
Tamaulipas	0 (0-0)	0.1 (0.1-0.1)	2.4 (1.9-3)	0 (0-0)	0.1 (0.1-0.1)	2.4 (1.9-3.1)
Tlaxcala	0 (0-0)	0 (0-0)	0.4 (0.2-0.7)	0 (0-0)	0 (0-0)	0.4 (0.2-0.8)
Veracruz de Ignacio de la Llave	0 (0-0)	0.1 (0.1-0.1)	1.6 (1.3-2)	0 (0-0)	0.1 (0.1-0.1)	1.8 (1.4-2.2)
Yucatán	0 (0-0)	0.1 (0.1-0.1)	1.9 (1.3-2.6)	0 (0-0)	0.1 (0.1-0.1)	1.9 (1.3-2.6)
Zacatecas	0 (0-0)	0 (0-0)	0.1 (0-0.2)	0 (0-0)	0 (0-0)	0.1 (0-0.2)

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Nicaragua	0 (0-0)	0 (0-0)	0.1 (0-0.1)	0 (0-0)	0 (0-0)	0.1 (0-0.1)
Panama	0.5 (0.4-0.5)	0 (0-0)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	0 (0-0)	0.1 (0.1-0.1)
Venezuela (Bolivarian Republic of)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	9.2 (7.4-10.8)	0.2 (0.1-0.2)	0.3 (0.3-0.4)	3 (2.4-3.7)
Tropical Latin America	0.2 (0.2-0.2)	0.3 (0.3-0.4)	8.5 (7.6-9.2)	0.3 (0.3-0.3)	0.4 (0.4-0.5)	10.3 (9.1-11.4)
Brazil	0.2 (0.2-0.2)	0.3 (0.3-0.4)	8.4 (7.5-9.1)	0.3 (0.3-0.3)	0.4 (0.4-0.5)	10.2 (9-11.3)
Acre	0.2 (0.2-0.2)	0.3 (0.2-0.4)	6.3 (5.1-7.4)	0.2 (0.2-0.3)	0.4 (0.3-0.5)	7.7 (6.4-9.2)
Alagoas	0.2 (0.2-0.2)	0.1 (0.1-0.1)	2.5 (2.1-2.9)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	2.5 (2-3)
Amapá	0.1 (0.1-0.2)	0.1 (0.1-0.2)	2.5 (1.8-3.3)	0.2 (0.2-0.3)	0.2 (0.1-0.2)	2.9 (2-4.1)
Amazonas	0.1 (0.1-0.1)	0.1 (0.1-0.1)	4.8 (4-5.5)	0.2 (0.1-0.2)	0.2 (0.1-0.2)	6.1 (5.1-7)
Bahia	0.4 (0.4-0.5)	0.3 (0.2-0.3)	8.4 (7.3-9.4)	0.6 (0.5-0.6)	0.6 (0.5-0.7)	14.1 (12.2-15.8)
Ceará	0.1 (0.1-0.1)	0.1 (0.1-0.1)	2.1 (1.8-2.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	2.7 (2.3-3.1)
Distrito Federal	0.4 (0.4-0.4)	1.2 (1-1.4)	31.5 (28.6-34.7)	0.3 (0.3-0.3)	1.1 (0.9-1.3)	30.1 (26.3-33.6)
Espírito Santo	0.3 (0.2-0.3)	0.6 (0.5-0.7)	11.8 (10.4-13.1)	0.3 (0.3-0.4)	0.8 (0.6-1)	15.4 (13-17.7)
Goiás	0.3 (0.2-0.3)	0.4 (0.3-0.5)	9.7 (8.7-10.8)	0.4 (0.3-0.4)	0.5 (0.4-0.6)	12.2 (10.5-13.6)
Maranhão	0.5 (0.4-0.6)	0.2 (0.2-0.3)	4.6 (3.9-5.3)	0.4 (0.3-0.4)	0.3 (0.2-0.3)	5.6 (4.7-6.6)
Mato Grosso	0.2 (0.2-0.2)	0.2 (0.1-0.2)	4.8 (4-5.4)	0.3 (0.3-0.3)	0.2 (0.2-0.3)	6 (5-6.8)
Mato Grosso do Sul	0.1 (0.1-0.1)	0.2 (0.2-0.2)	5.8 (5-6.6)	0.2 (0.1-0.2)	0.3 (0.2-0.3)	7.1 (5.9-8.1)
Minas Gerais	0.3 (0.3-0.3)	0.5 (0.4-0.5)	10.1 (8.9-11.1)	0.4 (0.3-0.4)	0.6 (0.5-0.7)	12.3 (10.6-13.9)
Pará	0.2 (0.1-0.2)	0.2 (0.1-0.2)	4 (3.5-4.5)	0.2 (0.2-0.2)	0.2 (0.1-0.2)	4.6 (3.9-5.2)
Paraíba	0.2 (0.1-0.2)	0.1 (0.1-0.2)	3.3 (2.8-3.8)	0.2 (0.2-0.2)	0.2 (0.2-0.3)	4.8 (4-5.6)
Paraná	0.1 (0.1-0.1)	0.1 (0.1-0.1)	3.1 (2.7-3.5)	0.1 (0.1-0.1)	0.2 (0.1-0.2)	4.3 (3.7-4.9)
Pernambuco	0.2 (0.2-0.2)	0.1 (0.1-0.1)	2.1 (1.8-2.4)	0.2 (0.2-0.2)	0.1 (0.1-0.1)	3 (2.5-3.6)
Piauí	0.4 (0.3-0.5)	0.4 (0.4-0.5)	11.5 (10-12.8)	0.5 (0.4-0.5)	0.5 (0.4-0.6)	13.1 (11.3-14.8)
Rio de Janeiro	0.3 (0.3-0.3)	0.7 (0.6-0.8)	15.8 (14.4-17.2)	0.4 (0.4-0.5)	0.8 (0.6-0.9)	16.6 (14.5-18.6)
Rio Grande do Norte	0.1 (0.1-0.2)	0.1 (0.1-0.1)	2.7 (2.2-3.2)	0.2 (0.2-0.2)	0.1 (0.1-0.2)	3.4 (2.8-4.2)
Rio Grande do Sul	0.1 (0.1-0.1)	0.1 (0.1-0.1)	3.9 (3.4-4.4)	0.1 (0.1-0.1)	0.2 (0.2-0.2)	5.6 (4.9-6.5)
Rondônia	0.1 (0.1-0.1)	0.3 (0.3-0.4)	6.8 (5.7-7.7)	0.1 (0.1-0.1)	0.4 (0.3-0.6)	8.5 (7.2-9.9)
Roraima	0.1 (0.1-0.1)	0.5 (0.4-0.6)	9.8 (8.1-11.5)	0.2 (0.1-0.2)	0.5 (0.3-0.6)	9.7 (7.9-11.6)
Santa Catarina	0.1 (0.1-0.1)	0.1 (0.1-0.1)	2.2 (1.8-2.5)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	2.8 (2.3-3.4)

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São Paulo	0.2 (0.2-0.2)	0.5 (0.4-0.6)	13.1 (11.7-14.2)	0.2 (0.2-0.3)	0.7 (0.6-0.8)	16.6 (14.6-18.5)
Sergipe	0.3 (0.3-0.3)	0.3 (0.2-0.3)	6.8 (5.8-7.6)	0.3 (0.3-0.4)	0.3 (0.3-0.4)	8.1 (6.8-9.6)
Tocantins	0.3 (0.3-0.4)	0.6 (0.5-0.7)	13.2 (11.4-14.8)	0.4 (0.3-0.4)	0.8 (0.7-1)	18 (15.4-20.2)
Paraguay	0.1 (0.1-0.1)	0.5 (0.4-0.7)	12.6 (10.2-14.8)	0.1 (0.1-0.1)	0.5 (0.4-0.7)	12.5 (10.2-15.2)
North Africa and Middle East	0.3 (0.3-0.4)	3.2 (2.9-3.7)	147 (131-164)	0.2 (0.2-0.3)	2.2 (1.9-2.6)	93.8 (78.1-109)
North Africa and Middle East	0.3 (0.3-0.4)	3.2 (2.9-3.7)	147 (131-164)	0.2 (0.2-0.3)	2.2 (1.9-2.6)	93.8 (78.1-109)
Afghanistan	0.9 (0.5-1.5)	2 (1.6-2.5)	65.7 (51.7-82.6)	0.6 (0.4-1.1)	2 (1.6-2.5)	65 (50.5-83.9)
Algeria	0.1 (0.1-0.1)	0.4 (0.3-0.4)	9.9 (8.2-11.4)	0.1 (0-0.1)	0.4 (0.3-0.5)	9.8 (8.3-11.4)
Bahrain	3.7 (3-4.2)	15.5 (12.6-19)	842 (687-1,030)	2.1 (1.7-2.6)	12.7 (10-16.1)	685 (549-844)
Egypt	0.2 (0.1-0.2)	2 (1.7-2.3)	97.4 (82.5-111)	0.2 (0.1-0.2)	2 (1.7-2.3)	95.8 (82.4-108)
Iran (Islamic Republic of)	0.3 (0.2-0.4)	2.8 (2.2-3.6)	150 (117-186)	0.2 (0.1-0.2)	2 (1.5-2.5)	96.9 (75.9-121)
Alborz	0.1 (0.1-0.2)	2.6 (2-3.3)	145 (113-181)	0.1 (0.1-0.1)	1.8 (1.4-2.3)	94.5 (74.1-119)
Ardebil	0.1 (0.1-0.2)	2.8 (2.1-3.5)	147 (113-182)	0.1 (0.1-0.1)	1.9 (1.5-2.5)	95.2 (73.4-119)
Bushehr	0.4 (0.2-0.5)	3 (2.4-3.8)	160 (123-201)	0.2 (0.1-0.3)	2.1 (1.7-2.7)	104 (80.1-130)
Chahar Mahaal and Bakhtiari	0.3 (0.2-0.3)	3 (2.3-3.8)	158 (123-196)	0.1 (0.1-0.2)	2.1 (1.7-2.7)	102 (78.6-129)
East Azarbaijejan	0.1 (0.1-0.3)	2.9 (2.2-3.6)	148 (112-187)	0.1 (0.1-0.2)	2 (1.5-2.5)	95.1 (74-119)
Fars	0.5 (0.3-0.6)	3.2 (2.5-4.1)	159 (122-198)	0.3 (0.2-0.4)	2.2 (1.7-2.8)	102 (77.9-130)
Gilan	0.3 (0.2-0.4)	2.6 (2-3.4)	148 (117-188)	0.2 (0.1-0.2)	1.8 (1.4-2.4)	95.4 (72.2-122)
Golestan	0.4 (0.2-0.5)	3 (2.2-3.8)	153 (117-192)	0.3 (0.2-0.3)	2 (1.6-2.6)	99.7 (76.9-122)
Hamadan	0.2 (0.1-0.3)	2.9 (2.3-3.8)	150 (117-188)	0.1 (0.1-0.2)	2.1 (1.6-2.6)	97.5 (74.2-124)
Hormozgan	0.6 (0.2-0.8)	2.9 (2.2-3.7)	151 (117-193)	0.4 (0.1-0.5)	2 (1.6-2.6)	98.1 (75.8-123)
Ilam	0.3 (0.2-0.3)	2.9 (2.2-3.7)	153 (117-192)	0.2 (0.1-0.2)	2 (1.6-2.6)	98.6 (76.2-124)
Isfahan	0.2 (0.1-0.3)	2.8 (2.2-3.6)	151 (118-190)	0.1 (0.1-0.2)	2 (1.5-2.5)	98.2 (75.4-122)
Kerman	0.4 (0.2-0.5)	2.9 (2.2-3.7)	151 (117-192)	0.2 (0.2-0.3)	2 (1.6-2.5)	97.1 (75-124)
Kermanshah	0.3 (0.2-0.3)	3 (2.3-4)	154 (121-195)	0.2 (0.1-0.2)	2.1 (1.6-2.7)	99.8 (75.1-126)
Khorasan-e-Razavi	0.2 (0.2-0.3)	2.9 (2.2-3.8)	151 (115-191)	0.1 (0.1-0.1)	2 (1.6-2.5)	96.7 (74.9-121)
Khuzestan	0.5 (0.3-0.6)	3.2 (2.5-4)	162 (126-202)	0.3 (0.2-0.4)	2.3 (1.8-2.9)	105 (82.4-131)
Kohgiluyeh and Boyer-Ahmad	0.6 (0.4-0.8)	3.3 (2.6-4.2)	160 (123-200)	0.4 (0.3-0.5)	2.4 (1.9-3)	104 (80.2-132)
Kurdistan	0.1 (0.1-0.2)	2.9 (2.2-3.6)	149 (114-189)	0.1 (0-0.1)	2 (1.6-2.5)	95.9 (73.3-121)

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Lorestan	0.3 (0.2-0.4)	2.9 (2.2-3.8)	154 (117-194)	0.2 (0.1-0.2)	2 (1.6-2.6)	99.3 (76.1-127)
Markazi	0.2 (0.1-0.3)	2.9 (2.2-3.7)	150 (115-185)	0.1 (0.1-0.1)	2 (1.5-2.5)	96.6 (74.9-119)
Mazandaran	0.3 (0.2-0.5)	2.6 (2-3.4)	144 (111-182)	0.2 (0.1-0.3)	1.8 (1.4-2.3)	93.7 (73.2-118)
North Khorasan	0.1 (0.1-0.2)	2.9 (2.2-3.8)	151 (114-190)	0.1 (0.1-0.2)	2 (1.6-2.6)	97.5 (74.3-124)
Qazvin	0.1 (0.1-0.2)	2.7 (2.1-3.5)	148 (113-184)	0.1 (0.1-0.1)	1.9 (1.5-2.4)	95.8 (72.5-119)
Qom	0.2 (0.1-0.2)	2.7 (2.1-3.5)	148 (115-186)	0.1 (0.1-0.1)	1.9 (1.4-2.3)	95.7 (74.5-119)
Semnan	0.2 (0.2-0.3)	2.6 (2-3.4)	147 (118-187)	0.1 (0.1-0.1)	1.8 (1.4-2.3)	95.5 (73.4-120)
Sistan and Baluchistan	0.6 (0.3-0.8)	3.1 (2.4-4)	154 (119-194)	0.5 (0.2-0.6)	2.1 (1.7-2.8)	99.6 (76.6-126)
South Khorasan	0.1 (0.1-0.2)	2.7 (2.1-3.5)	145 (110-184)	0.1 (0-0.1)	1.9 (1.5-2.4)	93 (71.2-118)
Tehran	0.4 (0.2-0.5)	2.4 (1.8-3)	139 (108-172)	0.2 (0.1-0.2)	1.6 (1.2-2.1)	90.3 (70-114)
West Azarbayejan	0.2 (0.1-0.3)	2.9 (2.2-3.6)	148 (117-188)	0.1 (0.1-0.1)	2 (1.5-2.5)	95.4 (73.4-121)
Yazd	0.1 (0.1-0.2)	2.7 (2.1-3.5)	148 (115-184)	0.1 (0.1-0.1)	1.9 (1.5-2.4)	96.2 (74.5-121)
Zanjan	0.1 (0.1-0.2)	2.7 (2.1-3.5)	146 (113-185)	0.1 (0-0.1)	1.9 (1.4-2.4)	94.1 (72.5-119)
Iraq	0.5 (0.3-0.6)	3.5 (2.9-4.4)	88.8 (78.2-101)	0.2 (0.2-0.3)	3.5 (2.9-4.3)	87.9 (77.5-99.5)
Jordan	0.3 (0.2-0.4)	1.4 (1.1-1.7)	60.7 (48.7-75.6)	0.1 (0.1-0.2)	1.4 (1.1-1.8)	60.2 (47.8-75.9)
Kuwait	0.2 (0.2-0.2)	1.1 (0.8-1.4)	35.4 (28-42.2)	0.1 (0.1-0.1)	1.1 (0.8-1.4)	34.7 (28-40.9)
Lebanon	0.3 (0.2-0.3)	1 (0.8-1.3)	47 (38-56.3)	0.2 (0.1-0.2)	1.1 (0.9-1.3)	46.9 (37.7-56)
Libya	0.4 (0.4-0.6)	16.1 (11.8-21.9)	254 (214-298)	0.6 (0.4-0.8)	16.2 (11.8-22.2)	252 (215-295)
Morocco	0.1 (0.1-0.2)	0.5 (0.4-0.6)	11.6 (9.5-13.5)	0.1 (0-0.1)	0.5 (0.4-0.6)	11.5 (9.6-13.4)
Oman	0.7 (0.6-0.9)	7.2 (6-8.6)	244 (209-277)	0.4 (0.3-0.5)	7.5 (6.2-9)	255 (210-297)
Palestine	0.2 (0.1-0.2)	1.4 (1.1-1.7)	60.3 (47.3-76.7)	0.1 (0.1-0.1)	1.4 (1.1-1.7)	59.2 (46.5-74.6)
Qatar	0.1 (0.1-0.2)	1.6 (1.3-2)	66.6 (52.8-83.3)	0 (0-0.1)	1.7 (1.3-2.1)	65.3 (51.7-81.1)
Saudi Arabia	0.9 (0.7-1.1)	20.5 (18.7-22.5)	1,090 (1,020-1,170)	0.7 (0.5-0.9)	4.9 (4-5.9)	274 (225-325)
Sudan	0.9 (0.6-1.2)	9.4 (7.8-11.3)	466 (389-549)	0.6 (0.4-0.9)	6.5 (5.3-8)	309 (247-375)
Syrian Arab Republic	0.2 (0.1-0.3)	0.6 (0.5-0.7)	10.2 (8.5-11.7)	0.1 (0.1-0.2)	0.6 (0.5-0.7)	10.2 (8.5-11.7)
Tunisia	0.2 (0.1-0.2)	1.4 (1.1-1.8)	62.5 (49.2-78.6)	0.1 (0.1-0.2)	1.4 (1.2-1.8)	61.5 (48.4-76.2)
Türkiye	0.2 (0.1-0.2)	0.6 (0.5-0.7)	19.7 (17.7-22.1)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	14.7 (13.1-16.6)
United Arab Emirates	0.1 (0.1-0.1)	0.4 (0.3-0.4)	18.7 (15.6-22.1)	0.1 (0-0.1)	0.4 (0.3-0.4)	18.2 (15-20.9)
Yemen	0.1 (0.1-0.2)	0.5 (0.4-0.6)	10.6 (8.8-12.5)	0.1 (0.1-0.1)	0.5 (0.4-0.6)	10.8 (9-12.4)

Location	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2000	Age standardized total SCD mortality rate (per 100,000 population), 2000	Age standardized rate (per 100,000 population), 2000	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2021	Age standardized total SCD mortality rate (per 100,000 population), 2021	Age standardized rate (per 100,000 population), 2021
Northern Mariana Islands	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0)
Palau	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Papua New Guinea	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Samoa	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Solomon Islands	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tokelau	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tonga	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Tuvalu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Vanuatu	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
Southeast Asia	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Cambodia	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Indonesia	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Aceh	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Bali	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Bangka-Belitung Islands	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Banten	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Bengkulu	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Gorontalo	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Jakarta	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Jambi	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
West Java	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Central Java	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
East Java	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
West Kalimantan	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
South Kalimantan	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Central Kalimantan	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
East Kalimantan	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
North Kalimantan	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Riau Islands	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)

Location	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2000	Age standardized total SCD mortality rate (per 100,000 population), 2000	Age standardized rate (per 100,000 population), 2000	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2021	Age standardized total SCD mortality rate (per 100,000 population), 2021	Age standardized rate (per 100,000 population), 2021
Lampung	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Maluku	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
North Maluku	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
West Nusa Tenggara	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
East Nusa Tenggara	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Papua	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
West Papua	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Riau	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
West Sulawesi	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
South Sulawesi	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Central Sulawesi	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Southeast Sulawesi	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
North Sulawesi	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
West Sumatra	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
South Sumatra	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
North Sumatra	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Yogyakarta	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Lao People's Democratic Republic	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Malaysia	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Maldives	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Mauritius	0.3 (0.3-0.3)	0 (0-0)	0 (0-0.1)	0.1 (0.1-0.1)	0 (0-0)	0 (0-0.1)
Myanmar	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Philippines	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Abra	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Agusan Del Norte	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Agusan Del Sur	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Aklan	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Albay	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Antique	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)

Location	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2000	Age standardized total SCD mortality rate (per 100,000 population), 2000	Age standardized rate (per 100,000 population), 2000	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2021	Age standardized total SCD mortality rate (per 100,000 population), 2021	Age standardized rate (per 100,000 population), 2021
Apayao	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Aurora	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Basilan	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Bataan	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Batanes	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Batangas	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Benguet	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Biliran	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Bohol	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Bukidnon	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Bulacan	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Cagayan	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Camarines Norte	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Camarines Sur	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Camiguin	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Capiz	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Catanduanes	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Cavite	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Cebu	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Cotabato (North Cotabato)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Davao de Oro	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Davao Del Norte	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Davao Del Sur	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Davao Occidental	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Davao Oriental	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Dinagat Islands	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Eastern Samar	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Guimaras	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Ifugao	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)

Location	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2000	Age standardized total SCD mortality rate (per 100,000 population), 2000	Age standardized rate (per 100,000 population), 2000	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2021	Age standardized total SCD mortality rate (per 100,000 population), 2021	Age standardized rate (per 100,000 population), 2021
Ilocos Norte	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Ilocos Sur	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Iloilo	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Isabela	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Kalinga	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
La Union	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Laguna	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Lanao Del Norte	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Lanao Del Sur	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Leyte	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Maguindanao	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Marinduque	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Masbate	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Misamis Occidental	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Misamis Oriental	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Mountain Province	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
National Capital Region	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Negros Occidental	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Negros Oriental	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Northern Samar	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Nueva Ecija	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Nueva Vizcaya	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Occidental Mindoro	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Oriental Mindoro	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Palawan	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Pampanga	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Pangasinan	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Quezon	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Quirino	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)

Location	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2000	Age standardized total SCD mortality rate (per 100,000 population), 2000	Age standardized rate (per 100,000 population), 2000	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2021	Age standardized total SCD mortality rate (per 100,000 population), 2021	Age standardized rate (per 100,000 population), 2021
Rizal	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Romblon	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Samar (Western Samar)	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Sarangani	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Siquijor	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Sorsogon	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
South Cotabato	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Southern Leyte	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Sultan Kudarat	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Sulu	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Surigao Del Norte	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Surigao Del Sur	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Tarlac	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Tawi-Tawi	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Zambales	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Zamboanga Del Norte	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Zamboanga Del Sur	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Zamboanga Sibugay	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Seychelles	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Sri Lanka	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Thailand	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Timor-Leste	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Viet Nam	0 (0-0)	0 (0-0)	0 (0-0.1)	0 (0-0)	0 (0-0)	0 (0-0.1)
Sub-Saharan Africa	2.8 (2.1-3.8)	18.4 (15.5-22)	367 (315-425)	2.3 (1.6-3.2)	17.9 (15-21.5)	372 (315-431)
Central Sub-Saharan Africa	3 (0.8-8.6)	24.1 (20.7-28)	471 (396-552)	2.5 (0.7-8.4)	24.3 (20.6-28.3)	472 (395-547)
Angola	1.8 (0.5-3.2)	20.8 (17.1-25.4)	408 (343-496)	1.3 (0.4-2.6)	20.2 (16.7-24.7)	399 (329-479)
Central African Republic	2.4 (0.6-12.2)	15 (12.5-18.7)	283 (234-335)	2.3 (0.6-11.3)	15 (12.7-18.2)	282 (236-340)
Congo	2.9 (0.9-5.3)	10.7 (8.9-12.6)	218 (184-253)	1.8 (0.5-3.5)	10.1 (8.6-11.9)	207 (175-248)
Democratic Republic of the Congo	3.4 (0.7-11)	26.5 (22.6-30.7)	518 (430-611)	3.1 (0.7-11.4)	27.1 (22.8-31.1)	524 (439-605)

Location	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2000	Age standardized total SCD mortality rate (per 100,000 population), 2000	Age standardized rate (per 100,000 population), 2000	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2021	Age standardized total SCD mortality rate (per 100,000 population), 2021	Age standardized rate (per 100,000 population), 2021
Equatorial Guinea	2.4 (0.2-4.6)	36.2 (29.7-43.6)	660 (553-781)	1.4 (0.1-3.2)	35.6 (29-42.7)	645 (534-757)
Gabon	2.2 (0.1-4.3)	16.9 (13.8-21)	354 (284-427)	1.6 (0.1-3.8)	16 (13-19.8)	337 (280-409)
Eastern Sub-Saharan Africa	0.5 (0.3-1)	6.2 (5-7.7)	111 (93.3-132)	0.4 (0.2-0.8)	6.2 (5.1-7.7)	109 (90.5-128)
Burundi	0.4 (0.3-0.6)	1.2 (1-1.5)	19.6 (16-24.2)	0.3 (0.2-0.4)	1.1 (0.9-1.4)	18 (14.7-22.1)
Comoros	0.1 (0-0.1)	0.1 (0.1-0.2)	1.5 (1.1-2)	0 (0-0.1)	0.1 (0.1-0.2)	1.5 (1.1-2)
Djibouti	0.1 (0.1-0.2)	0.4 (0.3-0.5)	6.7 (5.1-8.5)	0.1 (0-0.2)	0.4 (0.3-0.5)	6.6 (5.1-8.3)
Eritrea	0.1 (0.1-0.2)	0.4 (0.3-0.6)	7 (5.3-9)	0.1 (0.1-0.2)	0.4 (0.3-0.6)	7 (5.4-8.9)
Ethiopia	0 (0-0.1)	0.1 (0.1-0.1)	1 (0.8-1.3)	0 (0-0)	0.1 (0.1-0.1)	1 (0.8-1.3)
Addis Ababa	0 (0-0.1)	0.1 (0.1-0.1)	1 (0.8-1.4)	0 (0-0)	0.1 (0.1-0.1)	1 (0.8-1.3)
Afar	0 (0-0.1)	0.1 (0.1-0.1)	1 (0.8-1.3)	0 (0-0)	0.1 (0.1-0.1)	1 (0.8-1.4)
Amhara	0 (0-0.1)	0.1 (0.1-0.1)	1 (0.8-1.3)	0 (0-0)	0.1 (0.1-0.1)	1 (0.7-1.3)
Benishangul-Gumuz	0 (0-0.1)	0.1 (0.1-0.2)	1.1 (0.8-1.4)	0 (0-0.1)	0.1 (0.1-0.2)	1.1 (0.8-1.4)
Dire Dawa	0 (0-0.1)	0.1 (0.1-0.1)	1 (0.7-1.3)	0 (0-0)	0.1 (0.1-0.1)	1 (0.7-1.3)
Gambella	0 (0-0.1)	0.1 (0.1-0.1)	1.1 (0.8-1.4)	0 (0-0)	0.1 (0.1-0.1)	1.1 (0.8-1.4)
Harari	0 (0-0.1)	0.1 (0.1-0.1)	1 (0.7-1.3)	0 (0-0)	0.1 (0.1-0.1)	1 (0.7-1.3)
Oromia	0 (0-0.1)	0.1 (0.1-0.1)	1 (0.8-1.3)	0 (0-0)	0.1 (0.1-0.1)	1 (0.8-1.3)
Somali	0 (0-0.1)	0.1 (0.1-0.1)	1 (0.7-1.3)	0 (0-0)	0.1 (0.1-0.1)	1 (0.7-1.3)
Southern Nations, Nationalities, and Peoples	0 (0-0.1)	0.1 (0.1-0.1)	1 (0.8-1.4)	0 (0-0)	0.1 (0.1-0.1)	1 (0.8-1.4)
Tigray	0 (0-0.1)	0.1 (0.1-0.1)	1 (0.8-1.4)	0 (0-0)	0.1 (0.1-0.1)	1 (0.8-1.3)
Kenya	0.6 (0.4-0.9)	21.9 (16.1-30.1)	396 (306-511)	0.4 (0.3-0.7)	22.8 (16.7-31.2)	395 (307-511)
Baringo	0.6 (0.5-0.8)	19.4 (13.8-26.7)	330 (250-432)	0.4 (0.3-0.6)	20.1 (14.1-28.1)	331 (243-444)
Bomet	0.1 (0.1-0.3)	18 (12.6-24.7)	360 (270-471)	0.2 (0.1-0.4)	18.7 (13.4-26.2)	364 (272-474)
Bungoma	0.6 (0.3-0.8)	23 (16.7-31.9)	418 (314-545)	0.5 (0.3-0.9)	24.1 (17.4-33.4)	417 (308-546)
Busia	1.2 (0.4-2)	30.7 (22.3-42.1)	544 (429-705)	0.9 (0.3-1.7)	32.3 (22.9-44.6)	544 (418-704)
Elgeyo-Marakwet	0.4 (0.3-0.7)	18.3 (12.9-25.9)	343 (258-448)	0.4 (0.2-0.6)	19.1 (13.5-27.1)	345 (263-452)
Embu	0.3 (0.1-0.5)	16.9 (12-23.5)	320 (240-422)	0.3 (0.1-0.5)	17.3 (12.3-24.8)	321 (239-421)
Garissa	0.4 (0.3-0.7)	18.3 (13-25.4)	330 (257-432)	0.3 (0.2-0.5)	18.9 (13.5-26.8)	337 (266-454)
Homa Bay	1.6 (0.4-3.4)	40.2 (29.1-54.6)	659 (502-840)	1.3 (0.3-2.5)	42.2 (31-56.5)	662 (508-843)
Isiolo	0.5 (0.3-0.7)	20.3 (14.2-28.3)	339 (251-439)	0.4 (0.3-0.6)	20.9 (15-29)	338 (254-445)

Location	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2000	Age standardized total SCD mortality rate (per 100,000 population), 2000	Age standardized rate (per 100,000 population), 2000	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2021	Age standardized total SCD mortality rate (per 100,000 population), 2021	Age standardized rate (per 100,000 population), 2021
Kajiado	0.4 (0.2-0.6)	17.8 (12.6-24.9)	338 (260-437)	0.3 (0.1-0.5)	18.3 (13.1-25.8)	338 (256-446)
Kakamega	0.8 (0.4-1.1)	24.6 (17.6-34.1)	432 (333-565)	0.5 (0.3-0.9)	25.7 (18.9-34.6)	431 (333-557)
Kericho	0.3 (0.2-0.5)	18.1 (12.8-25.6)	345 (260-460)	0.3 (0.2-0.6)	18.8 (13.4-25.7)	345 (265-449)
Kiambu	0.4 (0.3-0.7)	17.6 (12.4-24.3)	329 (246-427)	0.3 (0.2-0.6)	18 (12.7-25.3)	330 (248-430)
Kilifi	0.7 (0.2-1.4)	20.3 (15.9-25.9)	387 (314-478)	0.7 (0.3-1.4)	22.5 (17.2-29.5)	397 (319-493)
Kirinyaga	0.3 (0.2-0.5)	17.1 (12.2-23.9)	315 (239-419)	0.3 (0.2-0.5)	17.8 (12.6-25.5)	320 (239-432)
Kisii	1.2 (0.5-1.9)	25.7 (18.8-35.7)	453 (349-583)	0.9 (0.4-1.4)	26.6 (19.1-36.3)	448 (350-570)
Kisumu	1 (0.6-1.7)	44.9 (35.4-57.6)	678 (546-834)	0.9 (0.5-1.4)	45.7 (36-58.4)	669 (538-805)
Kitui	0.3 (0.2-0.6)	18.1 (12.9-25.4)	331 (250-432)	0.2 (0.1-0.4)	18.6 (13.4-26.5)	330 (249-433)
Kwale	0.8 (0.3-1.6)	26.8 (19.4-36.9)	489 (371-621)	0.7 (0.4-1.4)	27.9 (19.8-38.2)	489 (381-638)
Laikipia	0.3 (0.2-0.5)	17.2 (12-24)	338 (259-443)	0.2 (0.1-0.4)	17.7 (12.3-24.4)	340 (258-446)
Lamu	0.4 (0.3-0.7)	18.6 (13.3-25.6)	336 (260-431)	0.4 (0.2-0.6)	19.2 (13.8-26.8)	334 (257-436)
Machakos	0.2 (0.1-0.4)	17.1 (11.9-23.8)	331 (250-437)	0.2 (0.1-0.4)	17.6 (12.3-24.2)	330 (252-428)
Makueni	0.2 (0.1-0.4)	18.4 (13.1-26)	342 (260-450)	0.2 (0.1-0.3)	18.8 (13.1-26)	342 (255-451)
Mandera	0.4 (0.3-0.6)	19.3 (13.6-26.9)	336 (255-438)	0.3 (0.2-0.5)	19.8 (14.1-27.9)	337 (257-436)
Marsabit	0.3 (0.2-0.6)	18.6 (13.3-26.3)	332 (250-440)	0.3 (0.2-0.6)	19.1 (13.7-26.5)	331 (248-422)
Meru	0.2 (0.1-0.4)	17.6 (12.2-24.3)	325 (246-424)	0.3 (0.2-0.6)	18.1 (12.6-24.9)	327 (244-424)
Migori	1.7 (0.5-3.5)	38.5 (28.2-51.8)	629 (489-802)	1.5 (0.4-2.9)	40.9 (29.8-55.6)	633 (485-821)
Mombasa	0.4 (0.2-0.7)	22.3 (16.1-31.1)	434 (330-558)	0.4 (0.2-0.7)	23.1 (16.9-31.5)	433 (330-562)
Murang'a	0.2 (0.1-0.4)	16.9 (11.9-23.5)	321 (245-417)	0.3 (0.1-0.4)	17.3 (12.3-24.2)	322 (245-420)
Nairobi	0.4 (0.3-0.7)	18.2 (12.7-25.3)	338 (254-438)	0.3 (0.2-0.4)	18.8 (13.3-26.4)	341 (258-455)
Nakuru	0.3 (0.1-0.5)	17.2 (12-24.1)	334 (256-433)	0.3 (0.1-0.4)	17.7 (12.6-24.2)	334 (254-430)
Nandi	0.3 (0.2-0.6)	18.8 (13.5-26.4)	381 (292-489)	0.3 (0.2-0.5)	19.4 (13.9-27)	377 (289-500)
Narok	0.4 (0.2-0.6)	19.1 (13.6-26.5)	357 (264-460)	0.3 (0.2-0.5)	19.7 (13.9-27.4)	358 (265-471)
Nyamira	0.7 (0.4-1)	22.4 (15.9-31.3)	413 (313-531)	0.7 (0.4-1.1)	23 (16-32.7)	412 (301-537)
Nyandarua	0.4 (0.2-0.6)	18 (12.8-25)	336 (258-441)	0.4 (0.2-0.7)	18.6 (13.1-26.4)	340 (256-442)
Nyeri	0.3 (0.2-0.5)	17.6 (12.7-24.5)	334 (252-440)	0.3 (0.2-0.5)	18.1 (12.7-25.3)	336 (255-439)
Samburu	0.3 (0.2-0.7)	18.8 (13.4-26.5)	342 (257-446)	0.3 (0.2-0.6)	19.3 (13.5-27.6)	345 (258-463)
Siaya	1.8 (0.4-3.5)	36.4 (27.3-48.4)	605 (467-766)	1.1 (0.3-2.2)	38.1 (27.6-50.9)	602 (460-774)

Location	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2000	Age standardized total SCD mortality rate (per 100,000 population), 2000	Age standardized rate (per 100,000 population), 2000	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2021	Age standardized total SCD mortality rate (per 100,000 population), 2021	Age standardized rate (per 100,000 population), 2021
Taita Taveta	0.3 (0.2-0.6)	19.4 (13.8-27.1)	354 (271-458)	0.4 (0.2-0.6)	20 (14.1-27.8)	353 (270-473)
Tana River	0.6 (0.4-0.9)	21.2 (15.2-29.3)	377 (289-493)	0.5 (0.3-0.9)	22 (15.7-30.3)	379 (283-488)
Tharaka Nithi	0.6 (0.4-0.8)	18.4 (13.1-25.9)	329 (245-427)	0.4 (0.2-0.6)	18.9 (13.6-26.3)	329 (254-434)
Trans Nzoia	0.4 (0.2-0.7)	20.1 (14.3-27.6)	375 (287-490)	0.3 (0.2-0.6)	20.8 (15-28.4)	374 (277-482)
Turkana	0.3 (0.2-0.6)	20.7 (14.6-28.8)	369 (284-480)	0.2 (0.1-0.6)	21.3 (15.3-29)	369 (288-474)
Uasin Gishu	0.3 (0.2-0.6)	18.1 (12.9-25.8)	353 (265-461)	0.3 (0.2-0.5)	18.7 (13.3-26.1)	353 (275-454)
Vihiga	0.8 (0.3-1.5)	26.3 (18.5-36.7)	470 (369-615)	0.8 (0.4-1.5)	27.4 (19.8-38.3)	470 (360-613)
Wajir	0.4 (0.3-0.6)	19.2 (13.9-26.4)	334 (253-434)	0.3 (0.2-0.5)	19.8 (14.2-27.8)	338 (255-431)
West Pokot	0.6 (0.4-0.9)	20.2 (14.6-28.2)	351 (268-465)	0.4 (0.3-0.6)	20.9 (14.8-29.1)	351 (268-460)
Madagascar	0.7 (0.4-1)	6.4 (5.3-7.7)	110 (91.3-130)	0.6 (0.3-0.9)	6.3 (5.3-7.7)	109 (90.7-128)
Malawi	0.4 (0.2-0.6)	1.3 (1.1-1.6)	21.7 (18.2-26.4)	0.3 (0.2-0.4)	1.3 (1.1-1.6)	21.6 (17.9-25.9)
Mozambique	0.1 (0.1-0.2)	0.3 (0.3-0.4)	4.2 (3.5-4.8)	0.1 (0.1-0.1)	0.4 (0.3-0.4)	4.2 (3.6-4.9)
Rwanda	0.2 (0.1-0.4)	0.4 (0.3-0.5)	6.2 (5.1-7.6)	0.1 (0.1-0.2)	0.4 (0.3-0.5)	6.2 (5-7.4)
Somalia	0 (0-0.1)	0.1 (0.1-0.1)	1 (0.7-1.3)	0 (0-0.1)	0.1 (0.1-0.1)	1 (0.7-1.3)
South Sudan	0.1 (0.1-0.2)	0.5 (0.4-0.7)	7.7 (5.9-9.6)	0.2 (0.1-0.3)	0.5 (0.4-0.7)	7.7 (6-9.7)
Uganda	0.9 (0.4-1.3)	9.9 (8.3-11.4)	169 (144-199)	0.6 (0.3-1.1)	9.9 (8-11.5)	168 (140-196)
United Republic of Tanzania	1.4 (0.6-5.1)	10.3 (8.5-12)	199 (165-232)	1.1 (0.4-4.3)	10.4 (8.5-12.3)	199 (164-231)
Zambia	1.4 (0.6-2.3)	12.7 (10.9-15.8)	220 (189-265)	1 (0.3-1.7)	12.8 (10.9-16)	225 (190-276)
Southern Sub-Saharan Africa	0 (0-0)	0.1 (0.1-0.1)	1.8 (1.5-2)	0 (0-0.1)	0.1 (0.1-0.1)	1.8 (1.5-2.1)
Botswana	0.1 (0.1-0.3)	0.7 (0.6-0.9)	16.5 (14.1-19.5)	0.1 (0.1-0.1)	0.7 (0.6-0.9)	16.3 (13.8-19)
Eswatini	0 (0-0)	0.1 (0-0.1)	0.6 (0.5-0.8)	0 (0-0)	0.1 (0-0.1)	0.6 (0.5-0.8)
Lesotho	0 (0-0)	0.1 (0-0.1)	0.6 (0.5-0.7)	0 (0-0)	0.1 (0-0.1)	0.6 (0.5-0.7)
Namibia	0 (0-0)	0.1 (0-0.1)	0.7 (0.6-0.8)	0 (0-0)	0.1 (0-0.1)	0.7 (0.5-0.8)
South Africa	0 (0-0)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0.3 (0.2-0.4)
Eastern Cape	0 (0-0)	0 (0-0.1)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0.1)	0.3 (0.2-0.4)
Free State	0 (0-0)	0 (0-0.1)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0.1)	0.3 (0.2-0.4)
Gauteng	0 (0-0)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0.3 (0.2-0.4)
KwaZulu-Natal	0 (0-0)	0 (0-0.1)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0.1)	0.3 (0.2-0.4)
Limpopo	0 (0-0)	0 (0-0.1)	0.4 (0.2-0.4)	0 (0-0)	0 (0-0.1)	0.4 (0.3-0.4)

Location	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2000	Age standardized total SCD mortality rate (per 100,000 population), 2000	Age standardized rate (per 100,000 population), 2000	Age standardized cause-specific SCD mortality rate (per 100,000 population), 2021	Age standardized total SCD mortality rate (per 100,000 population), 2021	Age standardized rate (per 100,000 population), 2021
Mpumalanga	0 (0-0)	0 (0-0.1)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0.1)	0.3 (0.2-0.4)
North-West	0 (0-0)	0 (0-0.1)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0.1)	0.3 (0.2-0.4)
Northern Cape	0 (0-0)	0 (0-0)	0.3 (0.2-0.4)	0 (0-0)	0 (0-0)	0.3 (0.2-0.4)
Western Cape	0 (0-0)	0 (0-0)	0.2 (0.2-0.3)	0 (0-0)	0 (0-0)	0.2 (0.2-0.3)
Zimbabwe	0.2 (0.1-0.2)	0.3 (0.2-0.4)	4.8 (3.9-5.9)	0.2 (0.1-0.3)	0.3 (0.2-0.3)	4.3 (3.4-5.3)
Western Sub-Saharan Africa	5.6 (3.8-7.7)	32.8 (27.3-39.8)	671 (573-780)	4.2 (2.7-6.2)	29.2 (24.1-35.6)	628 (525-736)
Benin	12.9 (5.9-19.6)	57.1 (47.8-67.1)	1,320 (1,120-1,490)	8.8 (4.6-14)	42.7 (34.7-51.9)	946 (775-1,120)
Burkina Faso	13.1 (1.1-58.3)	51.8 (47-57.4)	1,250 (1,180-1,330)	8.7 (0.7-43.7)	36.8 (30.6-44.1)	830 (688-974)
Cabo Verde	0.7 (0.4-0.9)	1.9 (1.5-2.3)	49.3 (40.8-60.9)	0.3 (0.2-0.5)	1.9 (1.5-2.3)	49.8 (40.5-61.2)
Cameroon	3.8 (1-6.2)	12.8 (10.8-14.7)	312 (260-362)	2.8 (0.9-5.2)	13 (11-14.9)	316 (268-361)
Chad	1.8 (0.9-3.2)	3.6 (3.1-4.2)	75.5 (63.1-87.5)	1.4 (0.8-2.8)	3.6 (3-4.1)	74.8 (62.9-87.8)
Côte d'Ivoire	2.3 (1.5-3.5)	11.9 (10.6-13.3)	212 (186-232)	1.7 (1.1-2.4)	11.8 (10.5-13.3)	209 (186-235)
Gambia	4.2 (1-19.6)	10.5 (9-12.2)	255 (222-292)	3.6 (0.9-15.3)	9.9 (8.4-11.4)	242 (202-278)
Ghana	9.4 (6.3-11.5)	28.2 (26.3-30.3)	669 (612-720)	6.5 (4.2-9.2)	26 (22.9-29.6)	599 (532-683)
Guinea	6.5 (1.2-10.7)	30.7 (26.2-35.6)	700 (600-802)	5.2 (1.1-9.3)	30.7 (26-35.5)	707 (605-829)
Guinea-Bissau	2.6 (0.6-11.7)	1.2 (1-1.5)	20.7 (16.8-24.8)	1.7 (0.3-8.1)	1.1 (0.9-1.4)	19.7 (16.2-23.8)
Liberia	2.8 (0.9-8.2)	9.4 (8.1-11)	139 (118-158)	2 (0.6-7.4)	9.4 (8.2-11)	140 (119-158)
Mali	5.2 (2.5-8.6)	11.1 (9.7-12.6)	229 (201-258)	3.4 (1.7-6.3)	11 (9.6-12.5)	228 (200-258)
Mauritania	1.2 (0.6-1.8)	3.3 (2.7-3.9)	82.8 (69-99.9)	0.7 (0.4-1.2)	3.3 (2.7-3.8)	82.6 (68.4-98.2)
Niger	3.7 (1.4-5.8)	25.5 (22.1-29.5)	523 (462-612)	2.2 (1-3.4)	20.1 (17.3-23.6)	403 (347-475)
Nigeria	5.1 (1.3-8.9)	44 (33.9-56.9)	841 (672-1,050)	4.2 (1.4-7.3)	39.2 (30.5-50.3)	832 (675-1,030)
Sao Tome and Principe	2.8 (0.6-4.8)	16.2 (12.7-20.3)	435 (347-541)	1.8 (0.6-3.4)	16.2 (12.6-20.2)	436 (349-533)
Senegal	2.7 (1.1-6.5)	9 (7.7-10.4)	224 (194-260)	2 (0.8-5.1)	9 (7.6-10.2)	226 (195-265)
Sierra Leone	5.8 (0.8-10.6)	42.2 (35.7-47.9)	961 (823-1,120)	4.2 (0.7-8.1)	41.5 (34.7-47.9)	948 (811-1,100)
Togo	13 (7.1-21.3)	35.2 (31-40.3)	785 (696-902)	9.4 (4.3-17.6)	34.3 (29.9-39.2)	768 (677-886)

Table S24: Decomposition of change, sickle cell disease cases, 2000-2021

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
Global	-18.4	31.1	29.4	41.7
Central Europe, Eastern Europe, and Central Asia	-2.5	1.3	-31.2	-32.8
Central Asia	-8.8	28.1	-2.4	16.3
Armenia	-11.6	-8.1	0.5	-20.0
Azerbaijan	-21.5	24.1	-1.8	0.8
Georgia	-2.4	-23.2	-1.7	-27.4
Kazakhstan	6.1	27.6	0.9	33.9
Kyrgyzstan	-0.4	36.8	-1.8	34.6
Mongolia	-7.6	42.8	-2.6	31.7
Tajikistan	-15.3	52.9	-1.3	35.8
Turkmenistan	-13.3	22.0	-2.4	5.9
Uzbekistan	-13.7	33.1	-3.0	16.4
Central Europe	-12.8	-4.4	-19.7	-37.3
Albania	-27.4	-12.9	-1.0	-41.6
Bosnia and Herzegovina	-19.0	-19.2	0.4	-38.1
Bulgaria	-11.4	-12.9	-0.3	-24.8
Croatia	-14.7	-6.8	-2.7	-24.4
Czechia	-8.8	4.6	-0.3	-5.1
Hungary	-14.6	-5.0	-1.1	-21.1
Montenegro	-15.6	-2.4	-0.2	-18.4
North Macedonia	-18.2	7.3	-0.5	-11.6
Poland	-12.8	0.8	-28.1	-40.5
Romania	-16.9	-13.9	2.3	-28.9
Serbia	-17.2	-7.2	1.3	-23.1
Slovakia	-17.1	1.3	-3.1	-19.2
Slovenia	-14.4	4.3	-2.5	-12.9
Eastern Europe	-5.0	-4.0	-1.0	-10.8
Belarus	-7.6	-6.6	-1.7	-16.4
Estonia	-8.6	-5.3	-2.1	-16.3

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
Latvia	-9.5	-19.3	-3.2	-32.3
Lithuania	-16.0	-20.3	2.4	-34.2
Republic of Moldova	-18.6	-13.5	-2.2	-34.3
Russian Federation	-2.7	-0.4	-0.4	-4.5
Ukraine	-9.2	-11.3	-0.2	-21.2
High-income	-11.5	12.6	4.6	5.5
Australasia	-10.9	31.7	-0.3	20.4
Australia	-10.6	32.3	-0.4	21.1
New Zealand	-12.2	29.3	1.9	18.9
High-income Asia Pacific	-22.5	4.3	3.4	-15.3
Brunei Darussalam	-23.2	31.6	2.2	10.4
Japan	-19.3	-0.9	5.3	-15.3
Aichi	-17.9	6.8	1.6	-9.9
Akita	-23.9	-18.1	-0.3	-42.7
Aomori	-24.9	-14.2	1.0	-38.4
Chiba	-21.8	4.7	0.3	-17.4
Ehime	-19.2	-10.2	0.8	-28.9
Fukui	-18.4	-6.2	0.3	-24.5
Fukuoka	-16.6	1.6	1.8	-13.6
Fukushima	-24.4	-13.4	1.2	-36.8
Gifu	-18.9	-6.3	0.4	-25.1
Gunma	-19.9	-4.8	0.0	-25.0
Hiroshima	-16.5	-1.7	1.2	-17.3
Hokkaidō	-21.9	-7.5	-2.4	-32.2
Hyōgo	-18.3	-1.8	-1.2	-21.7
Ibaraki	-19.3	-4.7	-2.2	-26.5
Ishikawa	-17.5	-3.7	-0.1	-21.7
Iwate	-21.2	-12.4	0.7	-33.1
Kagawa	-18.3	-5.2	-0.9	-24.8

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
Kagoshima	-17.6	-10.7	-0.4	-28.9
Kanagawa	-19.9	7.1	-1.3	-14.7
Kōchi	-19.0	-13.7	0.8	-32.1
Kumamoto	-15.8	-6.0	-2.6	-24.5
Kyōto	-18.2	-0.9	0.9	-18.6
Mie	-18.9	-4.9	0.3	-23.8
Miyagi	-21.1	-1.8	-0.4	-23.6
Miyazaki	-18.7	-8.8	0.8	-27.0
Nagano	-19.1	-8.4	0.7	-27.0
Nagasaki	-19.5	-11.8	-1.0	-32.5
Nara	-21.7	-7.4	1.0	-28.5
Niigata	-19.2	-10.1	1.5	-28.0
Ōita	-17.4	-7.3	-0.4	-25.4
Okayama	-15.9	-2.7	-0.2	-19.2
Okinawa	-17.9	11.4	-2.0	-8.8
Ōsaka	-19.2	0.2	-0.2	-19.8
Saga	-17.4	-7.1	-0.1	-24.9
Saitama	-21.4	4.3	-0.4	-18.0
Shiga	-17.4	4.7	-2.1	-15.2
Shimane	-15.8	-11.1	3.1	-24.1
Shizuoka	-19.5	-4.1	-1.1	-25.0
Tochigi	-20.0	-3.1	0.7	-22.7
Tokushima	-18.6	-11.4	-1.2	-31.5
Tōkyō	-12.8	14.9	-1.6	0.2
Tottori	-16.2	-9.4	0.7	-25.1
Toyama	-18.7	-7.2	1.5	-24.8
Wakayama	-18.5	-13.3	-0.2	-32.2
Yamagata	-19.5	-11.9	-0.4	-32.1
Yamaguchi	-17.2	-11.1	-0.1	-28.8

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
Yamanashi	-21.5	-8.3	0.3	-29.7
Republic of Korea	-32.4	14.3	0.4	-18.3
Singapore	-24.3	39.7	-1.9	12.1
High-income North America	-10.0	17.2	1.7	8.9
Canada	-11.1	19.6	-19.0	-10.7
Greenland	-13.7	0.6	1.1	-12.8
United States of America	-9.7	18.1	1.8	10.3
Alabama	-8.7	13.3	2.1	6.6
Alaska	-13.9	16.2	-0.2	2.1
Arizona	-12.4	41.0	12.6	41.1
Arkansas	-6.9	12.5	-4.3	1.2
California	-10.7	16.7	0.9	6.8
Colorado	-12.2	33.0	-8.8	12.0
Connecticut	-10.5	5.7	0.0	-4.7
Delaware	-12.9	26.8	6.6	20.5
District of Columbia	-3.9	20.7	-12.2	4.7
Florida	-8.7	35.5	0.8	27.6
Georgia	-11.7	31.5	6.5	26.3
Hawaii	-9.6	16.7	-33.4	-26.3
Idaho	-11.2	43.8	7.1	39.7
Illinois	-9.4	3.1	-7.3	-13.7
Indiana	-8.6	11.9	0.7	4.0
Iowa	-7.1	9.6	3.4	6.0
Kansas	-7.0	8.8	-11.2	-9.4
Kentucky	-9.3	11.8	4.2	6.7
Louisiana	-8.6	4.4	-5.0	-9.1
Maine	-12.0	5.4	-37.1	-43.7
Maryland	-9.8	16.9	2.6	9.6
Massachusetts	-10.1	11.2	-0.4	0.7

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
Michigan	-11.6	1.9	0.3	-9.4
Minnesota	-10.0	16.2	-0.7	5.5
Mississippi	-9.7	4.0	-1.4	-7.1
Missouri	-8.9	9.9	-0.6	0.4
Montana	-11.6	20.3	1.0	9.7
Nebraska	-6.1	14.0	-16.1	-8.2
Nevada	-11.4	56.2	5.7	50.5
New Hampshire	-17.4	11.4	5.4	-0.6
New Jersey	-8.7	10.8	-0.8	1.3
New Mexico	-13.1	15.9	2.3	5.0
New York	-8.6	7.0	2.5	0.8
North Carolina	-10.5	29.5	1.2	20.3
North Dakota	-5.1	22.3	-5.2	12.0
Ohio	-9.5	4.2	2.5	-2.8
Oklahoma	-6.4	13.7	-17.6	-10.3
Oregon	-12.9	24.4	5.3	16.8
Pennsylvania	-8.3	6.0	1.0	-1.2
Rhode Island	-8.9	4.9	-11.1	-15.0
South Carolina	-10.8	26.6	-6.4	9.4
South Dakota	-8.2	18.1	2.6	12.6
Tennessee	-9.7	21.7	0.8	12.8
Texas	-9.4	41.7	9.1	41.4
Utah	-8.7	46.8	-2.9	35.2
Vermont	-12.9	6.0	4.8	-2.1
Virginia	-9.9	22.1	2.6	14.8
Washington	-11.8	31.0	0.2	19.5
West Virginia	-9.3	-1.0	-3.0	-13.3
Wisconsin	-10.2	9.5	-8.9	-9.6
Wyoming	-7.3	13.1	-42.3	-36.6

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
Southern Latin America	-14.0	24.5	24.2	34.5
Argentina	-11.0	23.8	-0.4	12.3
Chile	-22.8	26.1	48.1	51.0
Uruguay	-10.5	4.5	-0.7	-6.8
Western Europe	-8.9	9.8	-2.7	-2.1
Andorra	-19.2	29.1	0.0	9.3
Austria	-10.7	13.8	21.2	24.2
Belgium	-5.6	12.0	-2.3	4.0
Cyprus	-21.0	44.0	-0.9	21.7
Denmark	-8.7	9.8	-0.3	0.6
Finland	-12.4	7.0	-2.6	-8.4
France	-9.5	10.8	-2.2	-1.1
Germany	-8.2	4.6	-0.4	-4.4
Greece	-11.2	-7.1	-6.2	-24.6
Iceland	-14.3	24.9	0.5	10.8
Ireland	-10.8	27.3	-0.3	15.9
Israel	-4.4	47.0	-17.1	25.2
Italy	-11.5	6.2	6.0	0.5
Abruzzo	-12.3	4.0	5.2	-3.4
Basilicata	-17.0	-7.1	23.6	-0.7
Calabria	-13.1	-4.3	1.1	-16.5
Campania	-18.4	1.2	17.2	-0.2
Emilia-Romagna	-0.9	15.7	3.9	18.4
Friuli-Venezia Giulia	-6.3	2.6	4.3	0.3
Lazio	-10.8	13.1	13.1	15.1
Liguria	-5.5	-2.0	5.0	-2.7
Lombardia	-7.2	11.8	3.7	8.0
Marche	-8.2	6.5	5.5	3.5
Molise	-13.8	-5.4	-5.6	-25.0

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
Piemonte	-7.0	4.3	8.9	6.0
Provincia autonoma di Bolzano	-12.1	15.2	3.5	6.2
Provincia autonoma di Trento	-9.5	16.1	2.2	8.6
Puglia	-16.5	0.5	-2.2	-18.5
Sardegna	-18.5	-0.6	3.3	-16.0
Sicilia	-13.6	0.8	-0.2	-13.1
Toscana	-4.4	7.5	0.7	3.5
Umbria	-5.8	10.9	5.1	10.0
Valle d'Aosta	-7.5	6.7	-9.6	-10.7
Veneto	-10.4	10.1	7.7	7.0
Luxembourg	-10.9	45.8	-8.4	26.4
Malta	-20.4	9.6	-1.0	-12.3
Monaco	-1.3	15.1	0.2	13.6
Netherlands	-13.4	8.4	0.4	-4.8
Norway	-13.4	20.6	-0.2	6.8
Agder	-14.7	19.0	-1.4	2.6
Innlandet	-15.4	5.0	0.0	-10.7
Møre og Romsdal	-15.7	11.1	-0.1	-5.0
Nordland	-18.0	2.7	-0.3	-15.8
Oslo	-1.3	39.8	0.3	38.5
Rogaland	-15.1	29.2	-1.4	12.5
Troms og Finnmark	-19.4	9.5	-0.5	-10.7
Trøndelag	-13.6	19.8	0.4	6.4
Vestfold og Telemark	-15.8	12.7	0.1	-3.2
Vestland	-13.9	19.0	0.1	5.1
Viken	-14.0	28.1	0.5	14.3
Portugal	-15.9	0.7	-14.4	-29.8
San Marino	-12.3	21.2	0.4	9.1
Spain	-9.4	11.8	-0.1	1.9

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
Sweden	-2.1	17.8	9.1	24.4
Stockholm	-1.4	36.1	9.8	44.1
Sweden except Stockholm	-2.6	13.2	8.9	19.2
Switzerland	-10.6	21.9	0.6	11.7
United Kingdom	-7.2	14.4	5.7	12.5
England	-6.3	15.4	6.0	14.7
East Midlands	-8.5	16.5	7.5	15.2
Derby	-2.5	16.7	3.4	17.4
Derbyshire	-12.7	8.8	1.3	-3.0
Leicester	-4.2	35.8	1.6	33.0
Leicestershire	-10.4	12.0	2.7	3.9
Lincolnshire	-9.7	19.2	2.3	11.5
Northamptonshire	-8.3	19.6	1.0	12.0
Nottingham	-1.0	27.0	0.5	25.9
Nottinghamshire	-8.3	9.8	0.9	2.2
Rutland	-14.1	14.3	5.8	5.6
East of England	-7.3	16.2	-4.6	4.1
Bedford	-6.3	11.1	-17.4	-12.7
Cambridgeshire	-9.7	23.9	3.4	17.4
Central Bedfordshire	-12.3	18.6	2.0	8.1
Essex	-9.2	11.9	3.7	6.1
Hertfordshire	-5.5	16.8	2.1	13.3
Luton	-1.1	20.7	1.4	20.7
Norfolk	-7.5	13.8	3.1	9.1
Peterborough	-0.4	39.5	4.0	42.8
Southend-on-Sea	-4.6	18.6	1.1	14.9
Suffolk	-9.5	14.7	-24.0	-19.0
Thurrock	-3.7	22.0	0.9	19.0
Greater London	-1.1	26.8	-3.4	22.0

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
Barking and Dagenham	15.4	34.4	-5.7	43.8
Barnet	1.0	26.3	-4.0	23.1
Bexley	-0.5	14.6	-13.4	0.5
Brent	1.1	34.8	-1.2	34.4
Bromley	-3.4	12.0	2.2	10.6
Camden	-8.5	15.0	-18.5	-12.4
Croydon	1.7	21.6	1.8	24.9
Ealing	-0.2	21.7	-11.8	9.5
Enfield	5.1	30.2	-8.3	26.8
Greenwich	0.8	41.5	-1.3	40.8
Hackney	-8.6	39.0	-4.9	24.8
Hammersmith and Fulham	-5.0	14.3	-15.9	-6.9
Haringey	-7.7	31.3	-4.5	18.8
Harrow	3.5	35.3	3.2	41.9
Havering	0.9	15.9	3.6	20.2
Hillingdon	3.1	30.2	3.5	36.6
Hounslow	-1.6	40.4	-2.2	36.3
Islington	-8.3	32.7	-0.3	23.5
Kensington and Chelsea	-6.2	-3.9	1.8	-8.7
Kingston upon Thames	-0.4	16.8	-1.5	14.6
Lambeth	-8.3	21.9	-6.8	6.4
Lewisham	-1.9	20.5	-4.7	13.6
Merton	0.4	11.7	0.4	12.3
Newham	-10.4	53.4	0.3	42.5
Redbridge	9.0	41.0	1.4	51.3
Richmond upon Thames	-3.0	16.1	3.2	15.9
Southwark	-6.0	26.4	0.2	20.2
Sutton	-4.4	12.3	0.1	7.8
Tower Hamlets	-7.7	52.5	-19.1	24.9

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
Waltham Forest	0.0	39.6	-3.1	36.3
Wandsworth	0.5	29.6	1.3	31.0
Westminster	-0.6	14.6	-23.2	-9.5
North East England	-8.7	4.3	4.9	0.3
County Durham	-9.5	6.9	2.5	-0.4
Darlington	-8.0	15.8	1.7	9.3
Gateshead	-7.9	10.1	2.6	4.6
Hartlepool	-11.9	3.4	4.5	-4.3
Middlesbrough	-3.4	-2.9	0.0	-6.6
Newcastle upon Tyne	1.3	9.9	0.9	11.6
North Tyneside	-7.8	10.2	-0.3	2.0
Northumberland	-13.3	4.3	2.0	-7.3
Redcar and Cleveland	-9.8	-5.3	1.6	-13.8
South Tyneside	-9.4	-4.8	2.5	-12.0
Stockton-on-Tees	-9.3	7.9	3.0	1.4
Sunderland	-11.6	-6.1	1.6	-16.3
North West England	-8.1	9.3	11.0	11.8
Blackburn with Darwen	-12.1	13.3	1.9	2.9
Blackpool	-1.7	0.7	1.1	-0.2
Bolton	-6.5	13.3	1.3	7.9
Bury	-6.7	6.4	3.3	2.8
Cheshire East	-12.3	9.5	2.8	-0.4
Cheshire West and Chester	-11.9	3.7	2.5	-6.0
Cumbria	-13.7	3.5	3.3	-7.2
Halton	-11.7	11.9	1.9	1.8
Knowsley	-8.3	-4.8	2.5	-11.0
Lancashire	-9.7	5.2	-6.8	-11.6
Liverpool	-8.1	11.3	0.8	3.6
Manchester	0.8	43.1	1.7	44.8

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
Oldham	-3.6	8.0	3.4	7.6
Rochdale	-6.3	6.4	1.4	1.3
Salford	2.1	20.9	0.3	22.7
Sefton	-9.8	-5.7	1.4	-14.3
St Helens	-9.8	-1.6	1.0	-10.6
Stockport	-6.6	0.4	2.0	-4.4
Tameside	-7.7	8.5	0.7	1.1
Trafford	-3.1	17.6	2.0	16.3
Warrington	-11.1	11.3	1.2	1.1
Wigan	-10.7	11.1	2.3	2.2
Wirral	-9.7	3.5	-8.6	-14.9
South East England	-7.1	15.3	2.2	10.1
Bracknell Forest	-11.1	7.1	2.8	-1.4
Brighton and Hove	-3.7	19.0	3.3	18.4
Buckinghamshire	-9.6	10.8	2.7	3.7
East Sussex	-9.9	12.2	1.9	3.9
Hampshire	-11.8	11.8	2.0	1.8
Isle of Wight	-9.8	6.6	2.7	-0.7
Kent	-6.1	19.4	-8.3	4.7
Medway	-8.6	13.1	1.6	5.9
Milton Keynes	-7.6	35.0	0.2	27.2
Oxfordshire	-8.8	15.2	3.0	9.1
Portsmouth	1.0	19.5	1.3	21.4
Reading	6.8	16.6	3.9	27.1
Slough	8.4	38.8	2.0	48.7
Southampton	0.1	14.9	2.6	17.2
Surrey	-5.2	13.9	2.9	11.5
West Berkshire	-10.6	12.5	1.7	3.2
West Sussex	-7.6	13.5	3.9	9.6

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
Windsor and Maidenhead	-7.6	16.8	3.1	12.0
Wokingham	-10.8	5.4	1.8	-4.0
South West England	-7.2	13.6	1.3	7.4
Bath and North East Somerset	-4.9	5.6	2.4	2.7
Bournemouth	1.9	23.4	-26.5	-1.5
Bristol, City of	0.4	20.7	-7.0	13.9
Cornwall	-9.1	12.4	2.7	5.6
Devon	-8.9	10.0	2.4	3.2
Dorset	-11.0	8.3	2.0	-1.0
Gloucestershire	-10.4	11.2	3.5	4.2
North Somerset	-6.7	13.9	2.0	8.9
Plymouth	-4.4	13.7	1.5	10.3
Poole	-5.3	14.1	2.3	10.8
Somerset	-9.5	11.8	2.5	4.4
South Gloucestershire	-9.7	13.7	3.3	6.9
Swindon	-7.5	35.2	1.8	29.2
Torbay	-3.7	0.9	2.7	-0.4
Wiltshire	-12.3	17.2	2.9	7.4
West Midlands	-6.4	13.0	5.3	11.6
Birmingham	-1.8	21.2	6.7	25.9
Coventry	-0.6	10.5	2.0	11.7
Dudley	-4.5	5.5	-17.1	-16.3
Herefordshire, County of	-11.9	8.2	2.3	-1.7
Sandwell	1.5	19.8	-13.7	7.3
Shropshire	-14.2	14.9	1.8	2.1
Solihull	-8.3	7.7	2.8	1.8
Staffordshire	-12.3	8.6	-6.2	-10.1
Stoke-on-Trent	-0.5	8.7	1.5	9.4
Telford and Wrekin	-10.1	9.2	0.3	-1.0

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
Walsall	-3.2	14.2	1.6	12.4
Warwickshire	-9.3	14.9	2.3	7.6
Wolverhampton	-1.4	11.9	1.5	11.8
Worcestershire	-11.6	7.5	2.3	-2.2
Yorkshire and the Humber	-6.9	12.8	4.2	9.7
Barnsley	-8.7	13.4	1.7	6.0
Bradford	-4.4	23.4	4.0	22.8
Calderdale	-10.8	12.8	1.9	3.6
Doncaster	-8.3	10.9	1.6	3.9
East Riding of Yorkshire	-15.9	10.3	2.1	-3.9
Kingston upon Hull, City of	-4.6	6.6	3.2	4.8
Kirklees	-10.1	17.0	2.0	8.6
Leeds	-1.8	11.2	1.9	11.0
North East Lincolnshire	-10.6	3.6	2.2	-5.0
North Lincolnshire	-8.8	19.1	1.0	11.0
North Yorkshire	-12.5	9.4	2.1	-1.3
Rotherham	-9.1	7.7	1.8	0.1
Sheffield	-0.2	15.6	2.8	17.9
Wakefield	-8.4	7.5	1.3	0.1
York	-4.6	16.1	0.9	12.0
Northern Ireland	-12.3	14.1	1.1	2.8
Scotland	-11.7	7.6	0.3	-4.0
Wales	-9.6	8.5	0.7	-0.6
Latin America and Caribbean	-23.6	26.6	6.8	9.5
Andean Latin America	-17.4	39.8	1.4	23.7
Bolivia (Plurinational State of)	-14.3	46.3	-1.5	30.4
Ecuador	-20.0	41.5	6.3	27.9
Peru	-18.7	34.5	-0.4	15.3
Caribbean	-18.1	18.7	6.1	6.4

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
Antigua and Barbuda	-27.2	14.6	-3.3	-15.9
Bahamas	-32.9	20.7	6.0	-6.4
Barbados	-24.4	15.1	-3.5	-13.0
Belize	-29.5	71.0	-0.9	40.3
Bermuda	-25.3	0.7	-4.6	-29.4
Cuba	-23.8	0.0	16.6	-7.8
Dominica	-24.7	-3.0	-1.8	-29.7
Dominican Republic	-21.0	26.3	2.3	7.5
Grenada	-23.7	0.2	-1.3	-25.0
Guyana	-20.0	2.2	-1.6	-19.7
Haiti	-15.8	53.1	-5.4	31.8
Jamaica	-23.0	6.3	-18.1	-35.0
Puerto Rico	-31.4	-8.8	-3.4	-43.9
Saint Kitts and Nevis	-31.8	26.4	-3.2	-8.9
Saint Lucia	-38.5	10.8	-3.3	-31.3
Saint Vincent and the Grenadines	-27.9	2.9	-1.5	-26.7
Suriname	-17.8	27.4	-1.5	7.9
Trinidad and Tobago	-21.6	7.3	-3.5	-18.2
United States Virgin Islands	-23.7	-6.0	-1.5	-31.5
Central Latin America	-17.6	19.7	-48.1	-46.2
Colombia	-31.1	19.0	-0.4	-12.7
Costa Rica	-23.3	20.7	0.0	-2.8
El Salvador	-25.6	8.0	2.4	-15.5
Guatemala	-39.8	36.2	4.0	0.3
Honduras	-25.9	60.8	3.1	37.9
Mexico	-23.1	23.2	-1.3	-1.4
Aguascalientes	-28.0	43.5	14.7	29.9
Baja California	-31.7	62.8	7.6	38.3
Baja California Sur	-29.2	88.0	3.5	61.9

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
Campeche	-24.7	29.6	2.9	7.5
Chiapas	-19.4	44.8	-8.4	16.9
Chihuahua	-22.9	14.6	12.1	3.6
Coahuila	-20.2	32.5	8.4	20.6
Colima	-26.6	38.3	-1.2	10.4
Durango	-22.5	18.0	16.1	11.5
Guanajuato	-27.4	24.6	-0.3	-3.3
Guerrero	-21.9	13.2	-4.9	-13.7
Hidalgo	-27.1	28.1	9.9	10.7
Jalisco	-20.3	21.7	-20.7	-19.4
México	-23.9	32.9	14.4	23.2
Mexico City	-23.6	-1.3	5.1	-20.0
Michoacán de Ocampo	-24.7	11.6	6.0	-7.2
Morelos	-21.6	23.2	-15.5	-14.1
Nayarit	-22.1	28.7	10.9	17.4
Nuevo León	-18.4	29.6	-19.3	-8.2
Oaxaca	-24.9	13.1	0.5	-11.4
Puebla	-26.0	24.8	11.5	10.2
Querétaro	-32.4	51.2	14.2	32.8
Quintana Roo	-29.9	86.4	-11.3	44.7
San Luis Potosí	-25.9	16.4	7.0	-2.7
Sinaloa	-25.7	11.0	5.2	-9.7
Sonora	-22.1	25.5	-18.5	-15.2
Tabasco	-25.5	25.1	2.7	2.1
Tamaulipas	-22.6	21.5	2.5	1.2
Tlaxcala	-23.7	33.4	6.7	16.2
Veracruz de Ignacio de la Llave	-25.8	11.4	5.9	-8.7
Yucatán	-25.0	26.0	2.1	3.0
Zacatecas	-24.5	14.0	13.1	2.5

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
Nicaragua	-24.9	33.6	5.2	13.7
Panama	-16.2	46.3	1.6	31.5
Venezuela (Bolivarian Republic of)	-15.7	11.4	-66.8	-71.3
Tropical Latin America	-22.6	27.4	21.7	26.2
Brazil	-22.8	27.1	22.6	26.7
Acre	-27.1	73.4	28.5	74.5
Alagoas	-16.4	25.4	-2.6	6.3
Amapá	-33.0	85.3	21.7	73.7
Amazonas	-17.4	58.9	34.0	75.1
Bahia	-24.6	24.0	69.0	68.0
Ceará	-20.2	35.6	32.4	47.5
Distrito Federal	-23.7	44.1	-4.6	15.3
Espírito Santo	-28.5	27.9	30.3	29.4
Goiás	-28.2	37.5	25.9	34.9
Maranhão	-14.9	46.9	26.0	57.8
Mato Grosso	-27.7	45.1	27.7	44.6
Mato Grosso do Sul	-24.4	37.2	23.0	35.5
Minas Gerais	-28.0	19.6	20.9	12.3
Pará	-20.3	52.0	16.9	48.3
Paraíba	-21.2	27.5	45.9	52.0
Paraná	-26.2	19.2	37.4	30.0
Pernambuco	-19.9	28.3	42.5	50.6
Piauí	-18.6	26.9	14.4	22.3
Rio de Janeiro	-22.6	20.8	4.5	2.5
Rio Grande do Norte	-22.7	33.5	29.8	40.3
Rio Grande do Sul	-25.6	10.9	40.8	25.8
Rondônia	-32.1	28.8	25.3	21.7
Roraima	-27.2	80.7	-0.9	52.2
Santa Catarina	-25.2	35.2	28.3	37.8

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
São Paulo	-25.3	23.0	25.9	23.2
Sergipe	-23.9	34.7	19.6	30.1
Tocantins	-27.9	43.7	40.0	55.5
Paraguay	-18.2	36.2	-0.4	17.3
North Africa and Middle East	-8.3	36.8	-42.6	-14.4
North Africa and Middle East	-8.3	36.8	-42.6	-14.4
Afghanistan	-1.9	110.0	-1.4	105.0
Algeria	-13.4	37.2	-0.9	22.4
Bahrain	-26.1	110.0	-28.3	51.4
Egypt	-5.2	50.2	-2.0	42.8
Iran (Islamic Republic of)	-12.1	22.4	-37.8	-28.1
Alborz	-15.2	41.1	-41.0	-15.9
Ardebil	-12.3	3.7	-33.4	-42.4
Bushehr	-10.2	46.1	-43.4	-7.7
Chahar Mahaal and Bakhtiari	-11.6	17.6	-36.7	-31.3
East Azarbaijan	-12.0	14.3	-36.6	-34.7
Fars	-13.8	18.9	-37.2	-32.7
Gilan	-15.4	8.4	-34.3	-41.8
Golestan	-11.4	22.3	-37.5	-27.1
Hamadan	-13.2	-0.1	-32.3	-46.1
Hormozgan	-9.6	49.0	-43.8	-5.1
Ilam	-12.7	10.8	-35.2	-37.9
Isfahan	-13.3	20.9	-36.9	-30.1
Kerman	-11.2	39.1	-42.1	-14.9
Kermanshah	-14.1	4.5	-33.3	-43.5
Khorasan-e-Razavi	-10.7	25.5	-39.2	-24.9
Khuzestan	-10.7	17.0	-36.6	-30.9
Kohgiluyeh and Boyer-Ahmad	-10.9	21.4	-37.5	-27.4
Kurdistan	-12.4	15.4	-36.4	-33.9

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
Lorestan	-12.2	3.5	-33.7	-42.9
Markazi	-13.3	8.7	-34.6	-39.7
Mazandaran	-15.2	20.1	-36.6	-32.3
North Khorasan	-10.4	10.9	-35.6	-35.5
Qazvin	-12.7	17.5	-36.7	-32.4
Qom	-11.1	39.7	-41.6	-13.7
Semnan	-10.6	33.7	-40.1	-17.4
Sistan and Baluchistan	-5.6	39.3	-42.1	-8.7
South Khorasan	-8.4	29.0	-40.3	-20.0
Tehran	-12.8	30.7	-39.2	-22.0
West Azarbayejan	-10.7	24.6	-38.7	-25.3
Yazd	-8.9	30.4	-39.4	-18.7
Zanjan	-12.1	10.6	-35.4	-37.4
Iraq	-14.9	59.2	-1.1	42.8
Jordan	-15.1	163.0	-1.4	146.0
Kuwait	-20.0	141.0	-3.7	116.0
Lebanon	-8.2	41.3	-0.2	32.1
Libya	-27.3	31.4	-0.7	2.8
Morocco	-15.2	21.3	-0.8	5.1
Oman	-15.0	99.4	6.4	90.9
Palestine	-8.0	66.1	-2.1	55.6
Qatar	-18.7	408.0	-6.7	382.0
Saudi Arabia	-5.3	49.0	-102.0	-58.4
Sudan	-3.4	46.5	-42.6	0.4
Syrian Arab Republic	-20.8	-13.0	-0.3	-35.3
Tunisia	-15.7	17.4	-1.7	-0.3
Türkiye	-14.8	15.8	-26.0	-25.2
United Arab Emirates	-37.4	176.0	-6.1	132.0
Yemen	-11.0	74.3	2.2	65.1

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
South Asia	-24.9	35.4	-3.0	7.3
South Asia	-24.9	35.4	-3.0	7.3
Bangladesh	-35.2	22.9	-1.9	-14.5
Bhutan	-31.8	13.9	-0.2	-18.4
India	-26.8	34.2	0.1	7.3
Nepal	-27.6	26.0	-0.3	-2.0
Pakistan	-26.8	57.8	-1.5	29.4
Azad Jammu & Kashmir	-35.2	38.7	-1.9	1.5
Balochistan	-9.9	108.0	0.0	98.0
Gilgit-Baltistan	-10.1	110.0	-1.8	98.4
Islamabad Capital Territory	-33.9	154.0	1.1	121.0
Khyber Pakhtunkhwa	-8.2	82.5	-5.0	69.2
Punjab	-34.7	46.4	-0.2	11.3
Sindh	-29.1	56.7	-0.1	27.4
Southeast Asia, East Asia, and Oceania	-17.1	14.6	-9.0	-11.6
East Asia	-21.3	11.2	-1.6	-11.7
China	-21.3	11.3	-2.1	-12.1
Democratic People's Republic of Korea	-17.1	9.9	-3.8	-11.5
Taiwan (Province of China)	-26.2	7.3	33.0	13.3
Oceania	-8.5	64.5	-1.4	54.4
American Samoa	-14.0	-5.0	-0.4	-19.6
Cook Islands	-19.0	-2.6	-2.0	-24.5
Fiji	-11.6	12.0	-0.3	0.0
Guam	-12.2	8.1	0.1	-4.2
Kiribati	-9.8	38.6	2.5	31.2
Marshall Islands	-19.0	9.3	-0.4	-10.3
Micronesia (Federated States of)	-17.3	-7.0	-0.3	-24.8
Nauru	-5.9	-0.3	-2.5	-8.8
Niue	-11.5	-12.3	-1.4	-25.2

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
Northern Mariana Islands	-22.2	-36.3	0.0	-59.9
Palau	-25.3	-7.6	0.3	-32.9
Papua New Guinea	-9.5	85.4	0.1	75.9
Samoa	-5.8	25.2	-1.3	18.0
Solomon Islands	-10.6	49.1	-1.2	37.1
Tokelau	-11.1	-6.7	-0.1	-19.0
Tonga	-7.8	0.3	-0.4	-8.0
Tuvalu	-9.4	23.9	-0.5	13.8
Vanuatu	-11.3	56.1	-1.6	43.0
Southeast Asia	-25.0	23.0	0.3	-2.0
Cambodia	-27.1	32.3	2.2	7.1
Indonesia	-25.6	20.8	-0.5	-5.5
Aceh	-23.0	20.9	-0.1	-2.4
Bali	-28.9	24.4	-1.7	-6.5
Bangka-Belitung Islands	-31.1	32.1	0.1	0.8
Banten	-21.2	3.2	-0.1	-18.2
Bengkulu	-27.6	20.9	0.7	-6.1
Gorontalo	-30.0	64.0	0.2	33.8
Jakarta	-22.8	1.6	0.3	-21.2
Jambi	-29.0	31.7	0.4	2.9
West Java	-29.9	40.0	0.8	10.7
Central Java	-26.8	6.1	-0.9	-21.7
East Java	-25.8	6.5	-0.7	-20.1
West Kalimantan	-27.0	24.2	1.1	-1.9
South Kalimantan	-30.8	26.6	0.5	-4.0
Central Kalimantan	-29.4	32.3	0.3	2.9
East Kalimantan	-25.5	50.3	0.5	25.0
North Kalimantan	-37.4	84.4	1.1	47.6
Riau Islands	-17.7	25.4	0.4	7.2

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
Lampung	-28.6	11.9	-1.4	-18.3
Maluku	-22.8	22.7	0.5	0.3
North Maluku	-29.2	28.4	-0.4	-1.5
West Nusa Tenggara	-26.3	24.8	1.0	-0.8
East Nusa Tenggara	-24.2	34.3	0.5	10.3
Papua	-34.1	127.0	0.6	93.0
West Papua	-23.3	20.0	0.3	-3.3
Riau	-32.3	116.0	0.5	84.0
West Sulawesi	-31.7	50.4	0.8	19.2
South Sulawesi	-27.3	16.2	-0.2	-11.4
Central Sulawesi	-30.7	34.1	0.4	3.5
Southeast Sulawesi	-28.2	44.5	0.0	16.1
North Sulawesi	-29.5	4.2	-0.5	-25.9
West Sumatra	-25.4	11.6	0.0	-13.9
South Sumatra	-27.2	20.2	-1.0	-8.3
North Sumatra	-25.3	17.0	0.3	-8.1
Yogyakarta	-23.6	9.6	0.5	-13.6
Lao People's Democratic Republic	-27.7	33.3	1.3	6.7
Malaysia	-25.2	31.1	0.5	6.2
Maldives	-50.2	76.7	2.3	27.1
Mauritius	-32.7	4.9	0.8	-27.3
Myanmar	-23.2	18.0	1.7	-3.7
Philippines	-18.5	41.9	0.0	23.3
Abra	-18.7	15.3	0.5	-3.1
Agusan Del Norte	-17.0	32.4	0.1	15.4
Agusan Del Sur	-19.6	28.5	0.1	8.9
Aklan	-14.6	36.3	0.1	21.7
Albay	-17.8	27.4	-0.6	8.9
Antique	-15.1	28.8	0.1	13.7

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
Apayao	-24.7	24.0	-0.3	-1.2
Aurora	-19.7	28.8	0.1	9.0
Basilan	-14.9	58.8	-0.1	43.7
Bataan	-21.6	45.8	-0.6	23.5
Batanes	-21.9	8.6	-0.7	-14.2
Batangas	-17.7	58.3	-0.6	39.8
Benguet	-15.5	45.4	-1.5	28.3
Biliran	-15.8	26.5	-0.2	10.4
Bohol	-22.0	16.9	0.5	-4.7
Bukidnon	-23.5	37.5	0.0	13.9
Bulacan	-24.1	62.6	-0.4	37.9
Cagayan	-20.5	26.8	-0.4	5.8
Camarines Norte	-17.0	30.8	-0.3	13.5
Camarines Sur	-15.7	33.7	0.0	18.0
Camiguin	-14.1	24.0	-0.2	9.6
Capiz	-18.4	21.1	0.7	3.2
Catanduanes	-18.1	25.4	0.2	7.4
Cavite	-25.4	108.0	0.3	82.2
Cebu	-12.4	51.6	-0.8	38.3
Cotabato (North Cotabato)	-16.2	59.7	0.2	43.6
Davao de Oro	-19.8	30.6	-1.2	9.4
Davao Del Norte	-24.3	35.5	-0.2	10.8
Davao Del Sur	-19.2	50.8	-0.5	30.9
Davao Occidental	-16.5	36.4	-0.4	19.1
Davao Oriental	-24.4	27.9	0.0	3.4
Dinagat Islands	-21.2	10.9	0.3	-10.1
Eastern Samar	-18.0	33.5	0.1	15.4
Guimaras	-19.1	28.4	-0.6	8.5
Ifugao	-14.0	33.7	0.1	19.6

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
Ilocos Norte	-14.8	21.0	-0.4	5.7
Ilocos Sur	-15.9	20.8	-0.5	4.3
Iloilo	-13.7	33.5	0.4	20.2
Isabela	-16.9	32.3	-0.5	14.7
Kalinga	-18.5	24.2	0.0	5.6
La Union	-18.4	26.8	0.0	8.3
Laguna	-17.8	74.9	-0.1	56.8
Lanao Del Norte	-12.9	43.2	-0.1	30.0
Lanao Del Sur	-11.5	45.2	0.1	33.6
Leyte	-18.3	34.5	0.1	16.3
Maguindanao	-16.0	76.0	0.4	60.2
Marinduque	-22.5	7.7	-0.6	-15.5
Masbate	-13.2	34.0	0.4	21.2
Misamis Occidental	-14.8	30.9	0.2	16.3
Misamis Oriental	-14.4	52.0	0.4	37.9
Mountain Province	-13.6	11.1	-0.4	-3.1
National Capital Region	-22.6	37.3	0.2	14.8
Negros Occidental	-17.9	23.8	0.1	6.0
Negros Oriental	-18.8	23.8	0.1	4.9
Northern Samar	-17.5	37.1	0.5	19.9
Nueva Ecija	-17.1	42.9	0.0	25.7
Nueva Vizcaya	-17.4	29.6	-0.2	11.9
Occidental Mindoro	-20.4	34.4	0.2	14.1
Oriental Mindoro	-22.7	28.8	0.6	6.6
Palawan	-20.5	60.1	0.8	40.3
Pampanga	-19.9	53.1	0.7	33.7
Pangasinan	-16.1	28.9	-0.2	12.6
Quezon	-18.3	34.9	0.2	16.6
Quirino	-24.0	28.9	-0.2	4.6

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
Rizal	-18.9	95.2	-0.8	75.4
Romblon	-18.8	13.1	-0.2	-6.0
Samar (Western Samar)	-19.3	28.9	0.4	9.8
Sarangani	-20.1	41.5	0.1	21.4
Siquijor	-17.6	19.4	-0.2	1.6
Sorsogon	-17.5	30.1	-0.4	12.1
South Cotabato	-19.5	46.2	-0.6	26.0
Southern Leyte	-17.6	22.7	-0.7	4.4
Sultan Kudarat	-20.6	42.8	-0.3	21.7
Sulu	-14.6	38.8	0.8	24.4
Surigao Del Norte	-16.7	40.0	-0.2	22.9
Surigao Del Sur	-18.7	21.3	0.1	2.6
Tarlac	-20.3	33.4	-0.6	12.4
Tawi-Tawi	-13.0	24.8	0.9	12.6
Zambales	-15.8	40.1	-0.9	23.3
Zamboanga Del Norte	-17.0	25.3	-0.5	7.7
Zamboanga Del Sur	-17.1	32.7	0.2	15.7
Zamboanga Sibugay	-18.4	42.6	0.4	24.5
Seychelles	-23.9	24.5	0.4	0.8
Sri Lanka	-19.9	16.4	-0.6	-4.4
Thailand	-39.3	10.6	0.6	-28.4
Timor-Leste	-21.3	48.9	1.6	29.0
Viet Nam	-29.9	19.5	1.0	-9.8
Sub-Saharan Africa	-7.1	74.0	1.0	67.6
Central Sub-Saharan Africa	-8.7	84.0	0.4	75.6
Angola	-4.7	115.0	-3.2	107.0
Central African Republic	-6.2	51.2	-0.5	44.4
Congo	-13.9	67.9	-6.9	46.8
Democratic Republic of the Congo	-9.7	78.7	1.9	70.8

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
Equatorial Guinea	-22.5	117.0	-3.2	90.8
Gabon	-16.0	41.1	-5.7	19.2
Eastern Sub-Saharan Africa	-10.1	70.3	-3.0	56.9
Burundi	-4.7	96.8	-12.0	79.9
Comoros	-24.7	28.8	-0.6	3.4
Djibouti	-22.4	88.7	-2.5	63.4
Eritrea	-17.2	66.0	-0.9	47.8
Ethiopia	-13.6	62.6	-1.3	47.6
Addis Ababa	-32.9	34.5	-1.6	-0.7
Afar	-5.3	12.3	-0.3	6.7
Amhara	-17.9	42.1	-1.4	22.7
Benishangul-Gumuz	-18.1	96.3	-2.1	75.9
Dire Dawa	-23.7	68.2	-1.0	43.2
Gambella	-30.2	118.0	-0.6	86.8
Harari	-23.3	60.0	-0.5	36.1
Oromia	-10.4	74.2	-0.7	62.9
Somali	-6.2	58.5	-0.3	51.9
Southern Nations, Nationalities, and Peoples	-15.1	76.6	-2.2	59.2
Tigray	-21.4	63.1	-1.9	39.6
Kenya	-19.0	65.1	-0.3	45.5
Baringo	-17.6	48.5	0.6	31.2
Bomet	-35.6	205.0	2.1	171.0
Bungoma	-8.5	-28.6	0.0	-37.2
Busia	-13.6	54.5	0.5	41.2
Elgeyo-Marakwet	-14.0	-44.5	0.6	-58.1
Embu	-26.7	14.0	0.4	-12.7
Garissa	-12.1	272.0	5.7	265.0
Homa Bay	-10.3	53.2	0.7	43.4
Isiolo	-18.1	70.4	0.0	52.1

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
Kajiado	-33.4	123.0	0.4	89.4
Kakamega	-27.4	145.0	0.2	117.0
Kericho	-15.7	-37.5	0.2	-53.2
Kiambu	-25.9	24.1	0.4	-1.7
Kilifi	-13.9	63.1	3.9	52.8
Kirinyaga	-31.0	19.9	1.5	-10.0
Kisii	-22.8	5.7	-1.1	-18.6
Kisumu	-19.9	34.0	-1.5	12.3
Kitui	-19.2	30.6	-0.2	11.0
Kwale	-13.4	51.9	0.1	38.4
Laikipia	-23.8	18.0	0.6	-5.5
Lamu	-21.6	61.8	-0.4	39.5
Machakos	-24.2	-10.5	-0.2	-35.2
Makueni	-30.5	110.0	0.2	78.9
Mandera	-48.7	975.0	2.2	925.0
Marsabit	-16.0	136.0	-0.1	119.0
Meru	-27.0	23.8	0.6	-2.9
Migori	-6.6	78.8	1.2	73.2
Mombasa	-17.2	83.1	-0.9	64.4
Murang'a	-36.4	29.7	0.4	-6.7
Nairobi	-21.1	86.1	0.8	65.1
Nakuru	-25.8	39.5	-0.2	13.0
Nandi	-20.7	35.8	-0.8	14.0
Narok	-37.5	361.0	1.7	324.0
Nyamira	-24.0	83.2	-0.2	58.6
Nyandarua	-29.2	31.6	1.5	3.4
Nyeri	-30.6	4.5	0.4	-26.0
Samburu	-16.5	101.0	1.6	86.0
Siaya	-14.2	31.9	-0.4	17.0

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
Taita Taveta	-25.7	16.7	-0.1	-9.4
Tana River	-5.6	60.3	1.1	55.6
Tharaka Nithi	-17.6	32.5	0.1	14.7
Trans Nzoia	-23.5	55.3	-0.1	31.2
Turkana	-16.1	231.0	0.4	215.0
Uasin Gishu	-25.5	61.7	0.0	35.7
Vihiga	-21.0	81.9	0.1	60.5
Wajir	-5.8	175.0	2.4	171.0
West Pokot	-12.5	118.0	0.7	106.0
Madagascar	-13.1	73.3	-1.5	58.5
Malawi	-11.5	72.9	-0.1	61.1
Mozambique	-2.4	77.6	0.8	75.9
Rwanda	-20.3	59.5	-1.0	37.8
Somalia	-4.1	109.0	-0.3	104.0
South Sudan	-5.2	26.4	0.2	21.0
Uganda	-10.8	75.1	-1.0	63.2
United Republic of Tanzania	-7.3	72.4	0.6	65.6
Zambia	-15.4	92.1	2.6	79.1
Southern Sub-Saharan Africa	-16.8	24.3	1.9	9.2
Botswana	-20.6	40.1	-1.2	17.9
Eswatini	-19.5	13.0	0.1	-6.6
Lesotho	-18.2	6.8	0.1	-11.5
Namibia	-15.2	31.5	-3.2	12.9
South Africa	-21.3	22.6	-0.6	0.5
Eastern Cape	-21.7	-2.1	0.0	-23.8
Free State	-17.8	-1.8	0.7	-19.1
Gauteng	-11.4	71.0	1.2	60.2
KwaZulu-Natal	-20.6	10.6	-0.1	-10.3
Limpopo	-21.3	-1.1	0.0	-22.5

Location	Population age structure change 2000-2021	Population size change 2000-2021	Disease frequency change 2000-2021	All age cases total percent change 2000-2021
Mpumalanga	-24.4	50.6	-1.2	24.7
North-West	-11.8	-12.4	0.2	-24.2
Northern Cape	-22.7	78.2	0.4	55.8
Western Cape	-26.7	41.6	0.2	14.7
Zimbabwe	-7.9	27.2	-11.7	7.5
Western Sub-Saharan Africa	-3.9	82.3	-10.3	67.8
Benin	-4.7	86.0	-41.0	40.4
Burkina Faso	-4.4	79.2	-47.5	27.3
Cabo Verde	-25.7	25.6	0.8	0.2
Cameroon	-8.9	103.0	1.8	95.8
Chad	1.8	114.0	-1.5	114.0
Côte d'Ivoire	-9.8	56.8	-1.4	45.5
Gambia	-7.7	69.7	-7.0	54.8
Ghana	-12.4	65.5	-13.4	39.5
Guinea	0.1	67.2	1.1	68.3
Guinea-Bissau	-9.5	55.3	-6.3	39.4
Liberia	-16.8	66.2	1.1	50.1
Mali	0.8	112.0	-1.0	112.0
Mauritania	-8.0	58.1	-0.2	49.7
Niger	3.8	110.0	-38.4	75.4
Nigeria	-2.2	84.4	-4.0	77.8
Sao Tome and Principe	-15.0	45.9	0.0	30.4
Senegal	-7.5	58.2	0.8	51.4
Sierra Leone	-6.1	97.5	-2.0	89.4
Togo	-13.6	65.9	-2.9	49.3