

# Global burden and drivers of hyperglycemia: Estimates and predictions from 1990 to 2050

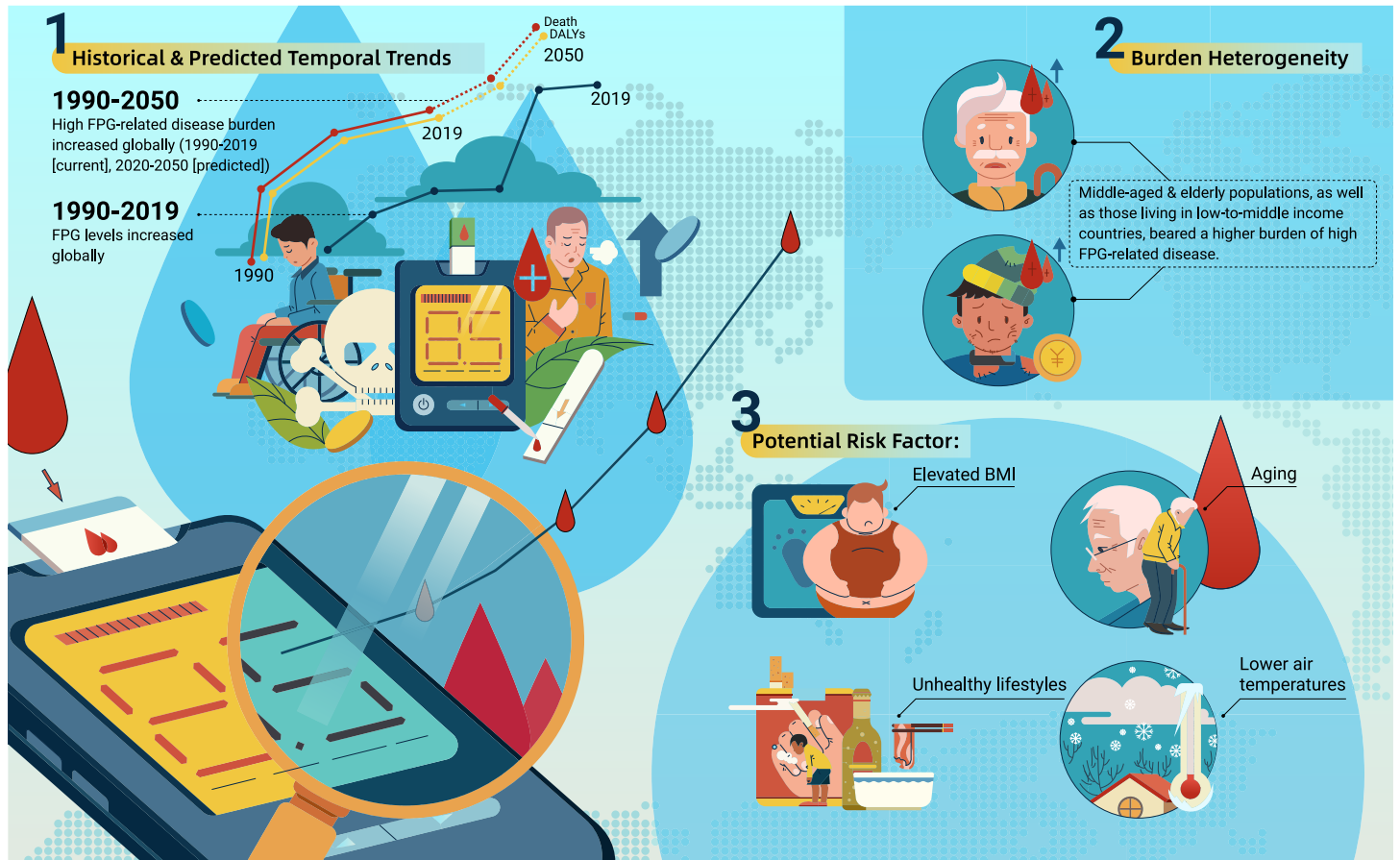
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## GRAPHICAL ABSTRACT



## PUBLIC SUMMARY

- Mean fasting plasma glucose (FPG) levels increased globally from 1990 to 2019.
- High FPG-related disease burden increased globally from 1990 to 2050.
- FPG levels and their disease burden showed age and socioeconomic heterogeneities.
- Aging, unhealthy lifestyles, elevated body mass index, and low temperatures are risk factors.



# Global burden and drivers of hyperglycemia: Estimates and predictions from 1990 to 2050

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**Hyperglycemia is a key risk factor for death and disability worldwide. To better inform prevention strategies, we aimed to delineate and predict the temporal, spatial, and demographic patterns in mean fasting plasma glucose (FPG) levels and their related disease burden globally. Based on the Global Burden of Disease Study 2019, we estimated the distributions of mean FPG levels and high FPG-related disease burden by age, sex, year, socioeconomic status (SES), and geographical region from 1990 to 2050. We also investigated the possible associations of demographic, behavioral, dietary, metabolic, and environmental factors with FPG levels and high FPG-related disease burden. In 2019, the global mean FPG level was 5.40 mmol/L (95% uncertainty interval [UI]: 4.86–6.00), and high FPG contributed to 83.0 deaths (95% UI, 64.5–107.1) and 2,104.3 DALYs (95% UI: 1,740.7–2,520.7) per 100,000 people. For both historical (1990–2019) and future (2020–2050) periods, the mean FPG levels and the high FPG-related disease burden increased globally, with greater increases among the middle-aged and elderly, and people in low-to-middle SES countries, relative to their counterparts. Aging, unhealthy lifestyles, elevated body mass index, and lower air temperatures were potential risk factors for high FPG levels and the high FPG-related disease burden. This study demonstrates that high FPG continues to contribute to the global disease burden and is expected to do so for at least the next 30 years. Older people and those living in low-to-middle SES countries should receive more attention in glycemic management health interventions. In addition, effective interventions that target identified risk factors should be adopted to handle the increasingly large disease burden of high FPG.**

## INTRODUCTION

Hyperglycemia is a key risk factor for both communicable diseases and non-communicable diseases, such as tuberculosis,<sup>1</sup> diabetes mellitus (DM),<sup>2</sup> cardiovascular disease,<sup>3</sup> and cancers.<sup>4</sup> A recent study predicted that the global economic burden of DM in adults will rise to > 2 trillion \$US by 2030.<sup>5</sup> Moreover, the coronavirus disease 2019 pandemic may have increased the risk of hyperglycemia and insulin resistance, further aggravating the global burden of hyperglycemia.<sup>6</sup> Collectively, hyperglycemia has become a formidable challenge to human health and deserves more attention.

Several pieces of information are critical for addressing hyperglycemia. First, detailed information on the epidemiology and disease burden of hyperglycemia is needed to inform health policies, the allocation of healthcare resources, and decision-making on grant allocations. Second, predictions of the upcoming hyperglycemia-related disease burden are necessary for forward-looking policy designs. Third, identifying risk factors for hyperglycemia and its disease burden is critical for individuals, health professionals, and policymakers to develop targeted primary interventions. The World Health Organization (WHO) has recommended

periodically collecting and analyzing data on the epidemiology and determinants of human diseases (including hyperglycemia) to decrease health inequalities.<sup>7</sup>

These necessary pieces of information to address hyperglycemia are limited. For instance, the most recent global estimates of glycemic levels does not extend beyond 2008.<sup>8</sup> Contemporary glycemic levels may differ from past estimates, because of changed lifestyles, environmental exposures, and other factors. Also, available estimates of hyperglycemia-related disease burden are limited by their focus on a local rather than a global scale, or reporting only part of the disease burden attributable to hyperglycemia.<sup>9</sup> In addition, previous efforts to predict the disease burden of hyperglycemia were largely limited to single countries or regions,<sup>10–14</sup> and evidence on future global trends remains unknown.<sup>9,15</sup> Finally, prior studies did not investigate potential risk factors for hyperglycemia and its disease burden on a global scale.

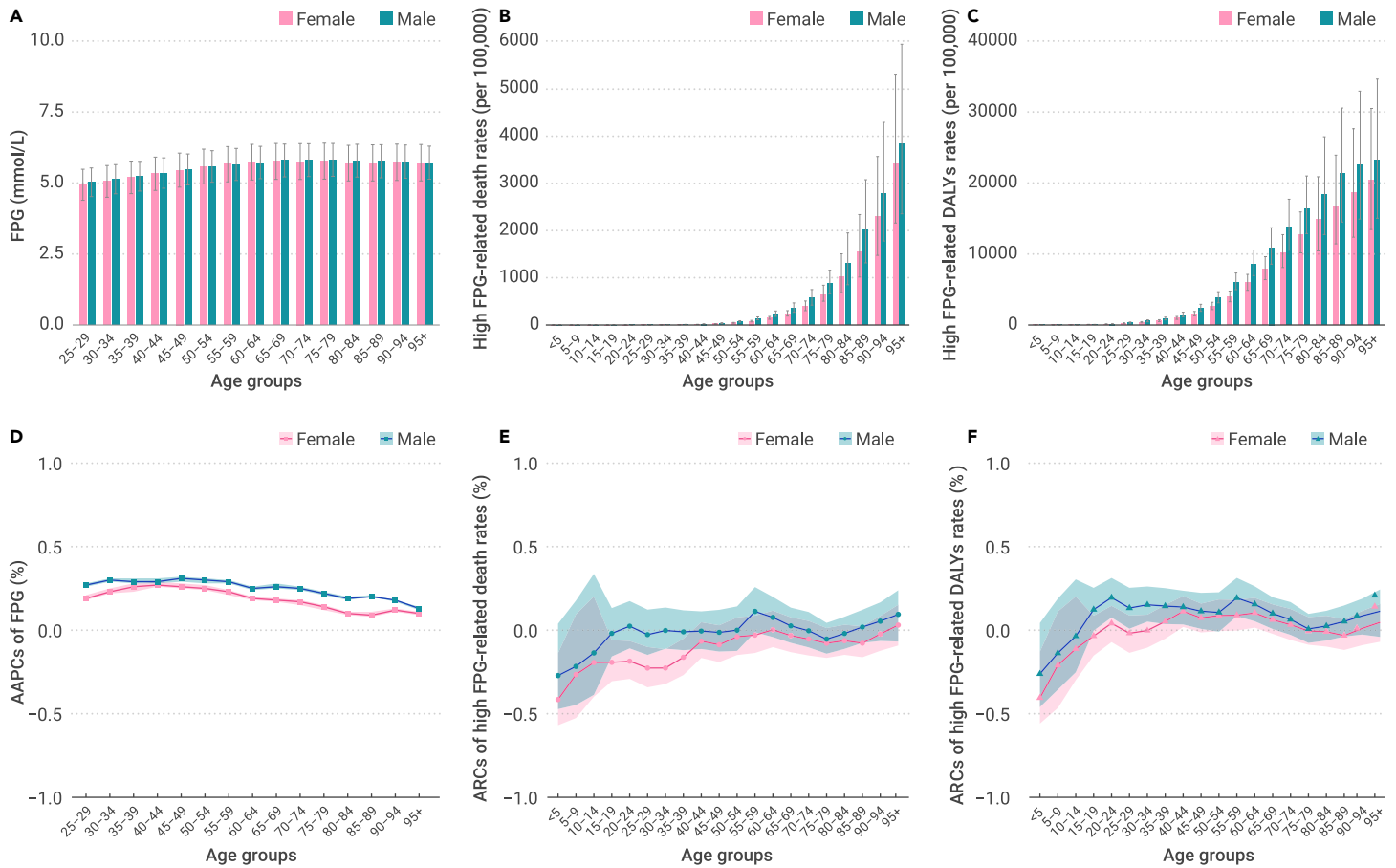
To overcome these evidence and knowledge gaps, we used data from the Global Burden of Disease (GBD) Study 2019 to delineate the spatial, temporal, and demographic patterns in glycemic levels (referring to fasting plasma glucose [FPG] in the GBD) and hyperglycemia (referring to high FPG in the GBD)-related disease burden, and also to predict the trends in the disease burden for the next 30 years. In addition, we employed Bayesian spatiotemporal models to explore potential risk factors for elevated FPG levels and high FPG-related disease burden. These analyses spanned nearly 60 years (1990–2050) and covered 204 countries (or territories).

## RESULTS

### Global patterns and trends in mean FPG levels from 1990 to 2019

The global mean FPG level in 2019 among people  $\geq 25$  years was 5.40 mmol/L (95% uncertainty interval [UI], 4.86–6.00) (Table S1). The levels increased with age, peaked at 75–79 years, and then subsequently declined (Figure 1A). No significant differences in mean FPG levels were observed between males and females. From 1990 to 2019, the global mean FPG levels increased with an average annual percent change (AAPC) of 0.28% (95% confidence interval [CI], 0.27%–0.29%) (Table S2). Increasing trends over time were also observed in all age groups, with the fastest increase occurring in populations aged 45–49 years (Figure 1D). In addition, increasing trends over time were observed for both men and women, and AAPCs were greater among males than females.

When dividing the countries (or territories) into four World Bank income levels, the highest and lowest mean FPG levels in 2019 were observed in upper- to middle-income countries (5.48 mmol/L [95% UI, 4.94–6.08]) and low-income countries (4.94 mmol/L [95% UI, 4.43–5.51]), respectively (Table S3). From 1990 to 2019, lower- to middle-income countries experienced the fastest increase in mean FPG levels (AAPC, 0.41% [95% CI, 0.39%–0.42%]), whereas low-income countries experienced the slowest increase (AAPC, 0.09% [95% CI, 0.07%–0.11%]) (Table S4). Stratified analyses by socio-demographic index (SDI) quintiles suggested that both mean FPG levels in 2019 and AAPCs in FPG levels from



**Figure 1. Global age- and sex-specific mean FPG levels and high FPG-related death and DALYs rates in 2019 along with their annual changes from 1990 to 2019** (A) Global mean FPG levels by age and sex in 2019. (B) High FPG-related death rates globally in 2019, by age and sex. (C) High FPG-related DALYs rates globally in 2019, by age and sex. (D) Global annual changes of mean FPG levels from 1990 to 2019, by age and sex. (E) Global annual changes of high FPG-related death rates from 1990 to 2019, by age and sex. (F) Global annual changes of high FPG-related DALYs rates from 1990 to 2019, by age and sex. Error bars indicate the 95% UIs of mean FPG levels and high FPG-related death and DALYs rates in 2019. Shaded areas indicate the 95% CIs of AAPCs in mean FPG levels and ARCs in high FPG-related disease burden.

1990 to 2019 were the lowest in the low SDI region (Tables S3 and S4). When stratifying by GBD super-regions, South Asia experienced the greatest increase in mean FPG levels from 1990 to 2019 (AAPC, 0.55% [95% CI, 0.51%–0.60%]) and had the highest mean FPG levels in 2019 (5.63 mmol/L [95% UI, 5.06–6.26]). In contrast, sub-Saharan Africa had the smallest change in mean FPG levels from 1990 to 2019 (AAPC, 0.11% [95% CI, 0.09%–0.13%]) and had the lowest mean FPG levels in 2019 (4.90 mmol/L [95% UI, 4.40–5.46]).

Across the 204 studied countries (or territories), the highest and lowest mean FPG levels in 2019 were observed in American Samoa (6.49 mmol/L [95% CI, 5.83–7.22]) and Malawi (4.31 mmol/L [95% CI, 3.87–4.79]), respectively (Table S3). From 1990 to 2019, a total of 188, 9, and 7 countries (or territories) experienced increases, no changes, or decreases in mean FPG levels, respectively. The most marked increases and decreases in mean FPG levels were recorded in Sri Lanka (AAPC, 0.70% [95% CI, 0.66%–0.74%]) and the Democratic Republic of the Congo (AAPC, –0.17% [95% CI, –0.20% to –0.14%]), respectively (Figure 2, Table S4).

#### Global patterns and trends in high FPG-related disease burden from 1990 to 2019

Globally, in 2019, the rates of high FPG-related deaths and disability-adjusted life-years (DALYs) were 84.02 (95% UI, 66.05–108.09) and 2,223.84 (95% UI, 1,842.14–2,648.23) per 100,000 people, respectively. Similar estimates were observed after age standardization (Tables S5 and S6). These rates generally increased with age, and no significant gender differences were detected (Figures 1B and 1C). From 1990 to 2019, significant increases were observed in high FPG-related mortality (annualized rate of change [ARC], 0.54% [95% UI, 0.44%–0.65%]), DALYs rate (ARC, 0.54% [95% UI, 0.45%–0.63%]), and age-standardized DALYs rate (ASDR) (ARC, 0.07% [95% UI, 0.01%–0.14%]), but not in the age-standardized mortality rate (ASMR) (Tables S7 and S8). Stratification by age

groups only observed significant increases in high FPG-related DALY rates among people aged 20–24 and 35–69 years (Figures 1E and 1F). The increasing trends over time in high FPG-related disease burden were not significantly different between males and females either.

When dividing the countries (or territories) by World Bank income levels, lower- to middle-income countries had the greatest high FPG-related disease burden in 2019 (123.32 deaths [95% UI, 96.84–158.00] and 2,999.85 DALYs [95% UI, 2,500.61–3,550.29] per 100,000 people in 2019) and experienced the highest ARCs in high FPG-related disease burden from 1990 to 2019 (0.32% [95% UI, 0.20%–0.45%] increase in ASMR and 0.34% [95% UI, 0.23%, 0.46%] increase in ASDR) (Tables S6 and S8). In contrast, high-income countries had the lowest high FPG-related disease burden in 2019 and experienced the greatest decrease in high FPG-related disease burden from 1990 to 2019. A similar pattern in the economic disparities in disease burden was also observed in stratified analysis by SDI quintile. Further, when stratified by GBD super-region, the highest high FPG-related ASMR and ASDR in 2019 were observed in the region encompassing North Africa and the Middle East (143.83 deaths [95% UI, 105.00–195.54] and 3,332.73 DALYs [95% UI, 2,650.14–4,117.87] per 100,000 people), while the lowest ASMR and ASDR were observed in the high-income region (50.51 deaths [95% UI, 37.02–68.00] and 1,368.68 DALYs [95% UI, 1,093.79–1,690.36] per 100,000 people). From 1990 to 2019, the high FPG-related burden increased fastest in South Asia (ARC of ASMR, 0.26% [95% UI, 0.09%–0.45%]; ARC of ASDR, 0.30% [95% UI, 0.15%–0.45%]), and decreased fastest in the high-income regions (ARC of ASMR, –0.29% [95% UI, –0.35% to –0.21%]; ARC of ASDR, –0.12% [95% UI, –0.20% to –0.04%]).

Across the 204 GBD countries (or territories), in 2019, the highest high FPG-related ASMR and ASDR were observed in Kiribati (435.35 deaths [95% UI, 346.98–540.47] and 12,255.20 DALYs [95% UI, 9,799.69–15,073.04] per 100,000 people) (Table S6). The lowest high FPG-related ASMR and ASDR

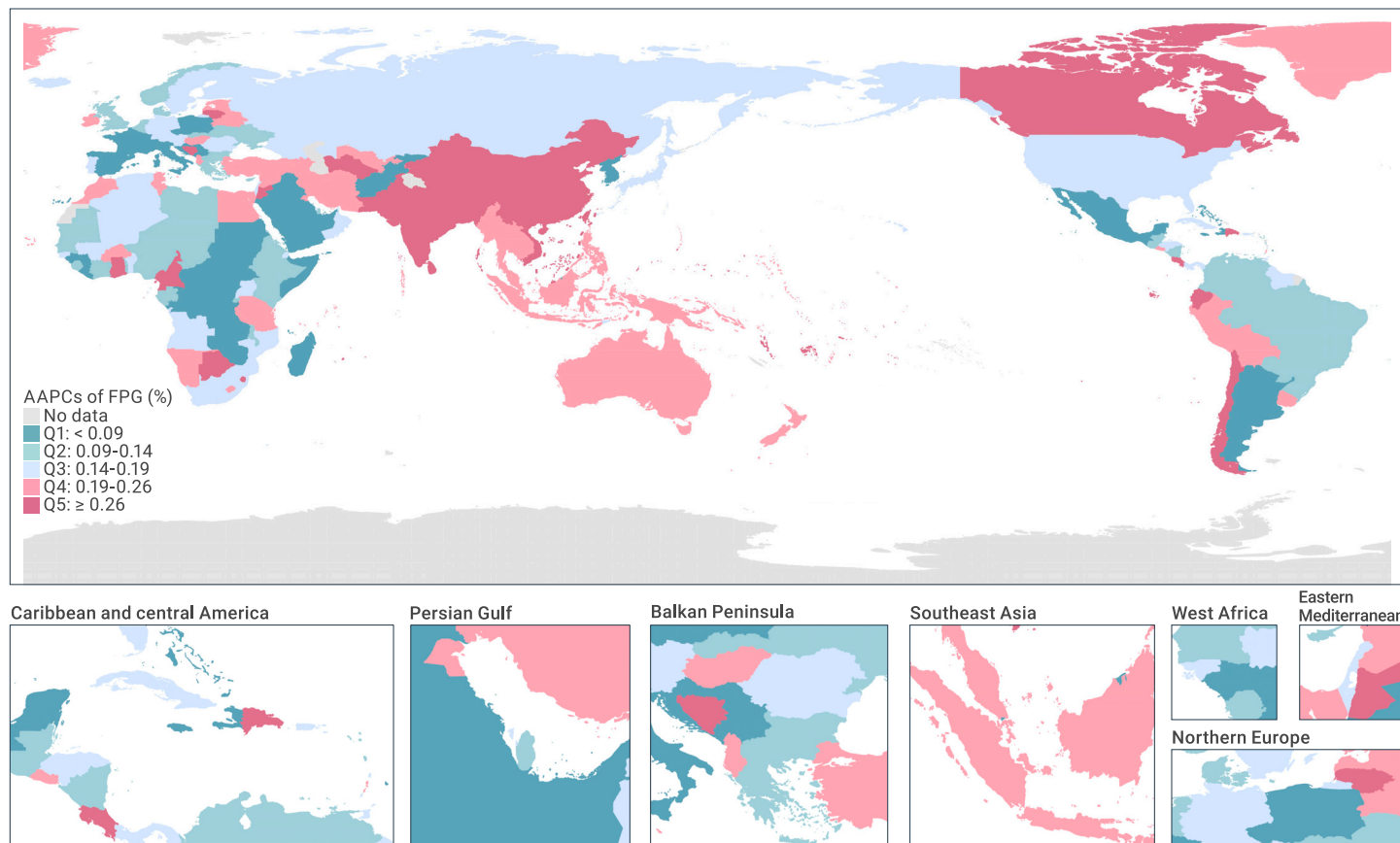


Figure 2. AAPCs of mean FPG levels from 1990 to 2019 by country (or territory)

were detected in Japan (21.22 [95% UI, 14.86–30.20] per 100,000 people) and France (599.80 [95% UI, 464.55–761.83] per 100,000 people), respectively. From 1990 to 2019, high FPG-related disease burden increased fastest in Uzbekistan (ARC of ASMR, 4.69% [95% UI, 3.35%–6.24%]; ARC of ASDR, 3.34% [95% UI, 2.44%–4.42%]) and decreased fastest in Singapore (ARC of ASMR, –0.63% [95% UI, –0.70% to –0.56%]; ARC of ASDR, –0.52% [95% UI, –0.59% to –0.45%]) (Figure 3, Table S8).

#### Predicted global patterns and trends in high FPG-related disease burden from 2020 to 2050

By 2050, the global high FPG-related disease burden is predicted to increase to 204.51 deaths (standard deviation [SD], 648.82) and 4,462.00 DALYs (SD, 7,812.76) per 100,000 people. The age-standardized disease burden is predicted to cause 82.72 deaths (SD, 35.92) and 2,397.85 DALYs (SD, 946.22) per 100,000 people by 2050 (Figures 4A and 4D, Tables S9 and S10). The rates of high FPG-related deaths and DALYs in 2050 are expected to be significantly greater in males than females, and generally increase with age (Figures 4B, 4C, 4E, and 4F, Tables S9 and S10). From 2020 to 2050, significantly increased AAPCs in high FPG-related deaths rate (2.90% [95% CI, 2.87%–2.93%]), DALYs rate (2.27% [95% CI, 2.26%–2.28%]), ASMR (0.37% [95% CI, 0.37%–0.38%]) and ASDR (0.52% [95% CI, 0.51%–0.53%]) are predicted (Tables S11 and S12). Rates of high FPG-related deaths and DALYs are predicted to increase among people aged  $\geq 45$  years and  $\geq 40$  years, respectively, but to decrease among people at other age groups. In addition, rates of high FPG-related disease burden are expected to grow significantly faster among males than females.

By World Bank income levels, in 2050, lower- to middle-income countries will have the greatest high FPG-related disease burden (153.63 deaths [SD, 81.92] and 4,271.06 DALYs [SD, 2,248.80] per 100,000 people) (Table S10). In contrast, upper to middle-income countries are expected to have the lowest burden (47.85 deaths [SD, 41.79] and 1,420.88 DALYs [SD, 877.91] per 100,000 people). From 2020 to 2050, the fastest increases in high FPG-related ASMR and ASDR are predicted to be in lower- to middle-income countries (AAPC, 1.09% [95% CI, 1.08%–1.10%]) and high-income countries (AAPC, 1.61% [95% CI, 1.61%–

1.62%]), respectively (Table S12). The fastest decreases in high FPG-related ASMR (AAPC, –1.17% [95% CI, –1.18% to –1.15%]) and ASDR (AAPC, –0.85% [95% CI, –0.86% to –0.84%]) are predicted to be in upper- to middle-income countries. Stratified analyses by SDI quintile indicated that lower SDI regions are expected to have greater high FPG-related disease burden than higher SDI regions (Tables S10 and S12). By GBD super-regions, South Asia is expected to experience the most pronounced increase in high FPG-related disease burden from 2020 to 2050 (2.74% [95% CI, 2.73%–2.74%] increase in ASMR and 2.97% [95% CI, 2.97%–2.98%] increase in ASDR) and bear the highest high FPG-related disease burden in 2050 (233.92 [SD, 258.39] deaths and 6,875.15 [SD, 6,811.10] DALYs per 100,000 people) (Tables S10 and S12). In contrast, the most marked decrease in high FPG-related disease burden from 2020 to 2050 is predicted to be in sub-Saharan Africa. The lowest high FPG-related ASMR and ASDR in 2050 are expected to be in the high-income regions and the region encompassing Southeast Asia, East Asia, and Oceania, respectively.

Across the 204 countries (or territories), in 2050, the highest high FPG-related ASMR and ASDR are predicted to be in Tokelau (1,137.93 [SD, 1,235.46] per 100,000 people) and the Marshall Islands (18,541.25 [SD, 10,621.80] per 100,000 people), respectively (Table S10). The lowest high FPG-related ASMR and ASDR are predicted to be in Singapore (8.59 [SD, 6.97] per 100,000 people) and Lithuania (742.83 [SD, 2,316.47] per 100,000 people), respectively. From 2020 to 2050, the most marked increases in high FPG-related ASMR and ASDR are predicted to occur in Venezuela (AAPC, 5.39%; 95% CI, 5.38%–5.40%) and South Sudan (AAPC, 6.75%; 95% CI, 6.75%–6.76%), respectively (Figure 5, Table S12). The greatest decreases in high FPG-related ASMR and ASDR are expected to occur in the United Arab Emirates (AAPC of ASMR, –6.09% [95% CI, –6.12% to –6.06%]; AAPC of ASDR, –4.14% [95% CI, –4.18% to –4.11%]).

#### Risk factors for mean FPG levels and high FPG disease burden

Results from the Bayesian spatiotemporal models suggest that greater proportions of the elderly, physical inactivity, higher consumption of red meat and body mass index (BMI), as well as lower mean air temperature were significantly and consistently associated with both high FPG levels and high FPG-related



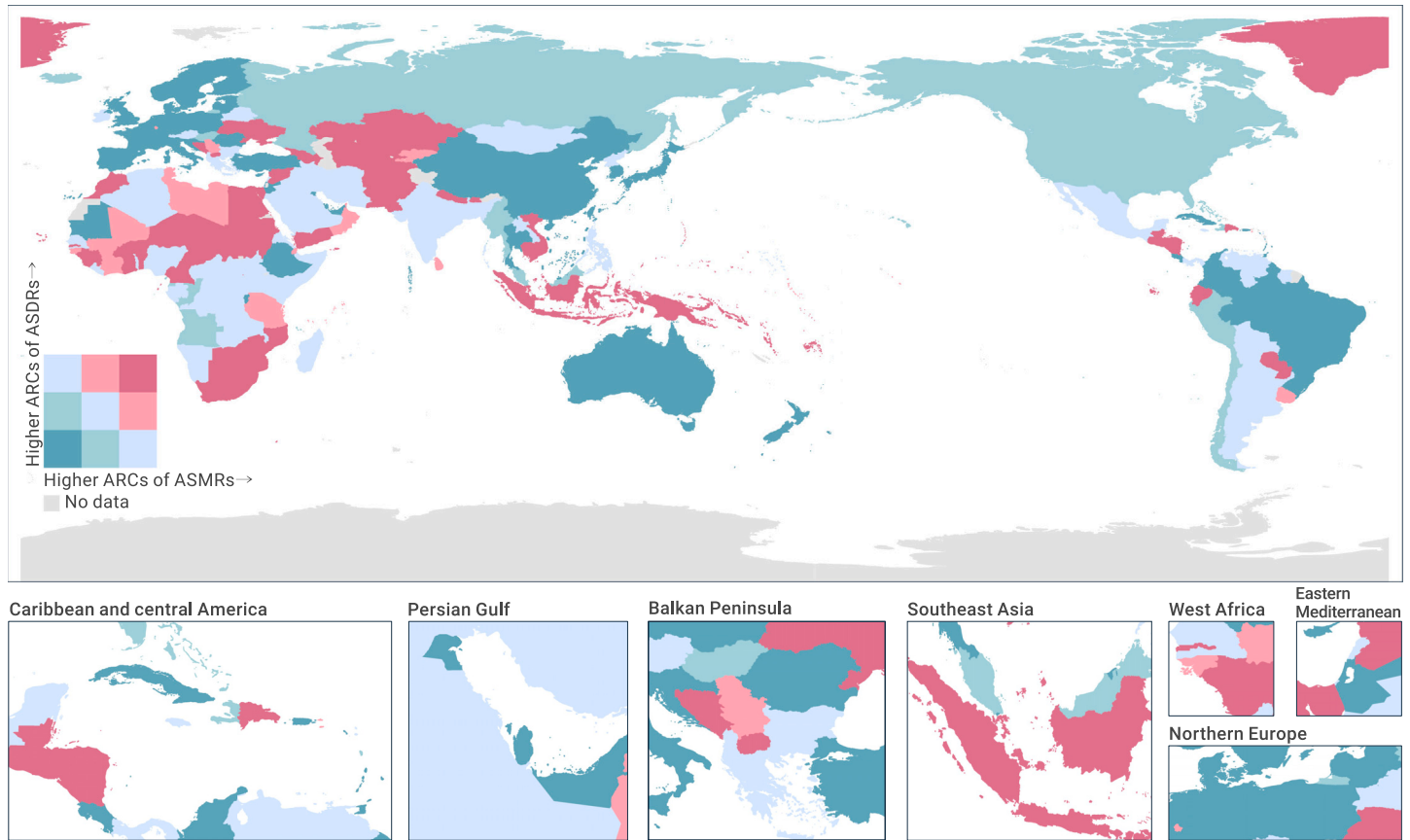


Figure 3. ARCs of high FPG-related ASMRs and ASDRs from 1990 to 2019 by country (or territory)

disease burden (Figure 6). More specifically, an interquartile range (IQR) increment in the above risk factors were associated with 0.89%–3.42% increases in mean FPG levels, 8.48%–118.37% increases in high FPG-related mortality, and 3.38%–77.82% increases in high FPG-related DALYs rate.

Greater alcohol consumption levels and cigarette smoking prevalence were significantly associated with higher high FPG-related disease burden (i.e., an IQR increment in the two factors were associated with 6.42%–16.32% and 3.42%–12.31% increases in high FPG-related mortality rate and DALYs rate, respectively). No significant associations were observed between alcohol consumption and cigarette smoking and mean FPG levels (Figure 6).

A higher proportion of males and a higher household prevalence of cooking with coal or biomass as well as higher levels of sugar consumption and fine particulate matter (PM<sub>2.5</sub>) exposure were significantly associated with mean FPG levels, but not with high FPG-related disease burden; however, the directions of the above significant associations were mixed or unexpected (Figure 6). Consumption of fruits was associated with high FPG-related mortality. No significant associations were observed for consumption of fibers and vegetables, second-hand smoke, and green space exposure with either mean FPG levels or high FPG-related disease burden.

## DISCUSSION

To our knowledge, this is the first comprehensive and systematic analysis of current and future global patterns of FPG levels and high FPG-related disease burden. We found that the burden of high FPG-related disease was substantial for both historical (1990–2019) and future (2020–2050) periods. In addition, we observed that the magnitudes and trends of mean FPG levels and high FPG-related disease burden varied by sex, age, socioeconomic status (SES) and geographic location. Larger estimates were observed for the middle-aged and elderly population, and people living in low-to-middle income countries. We also found that aging, unhealthy lifestyles (i.e., alcohol use and tobacco smoking, physical inactivity, and excessive consumption of red meat), elevated BMI, and lower air temperature were potential risk factors for elevated FPG levels and high FPG-related disease burden. Collectively, these findings portray the urgent

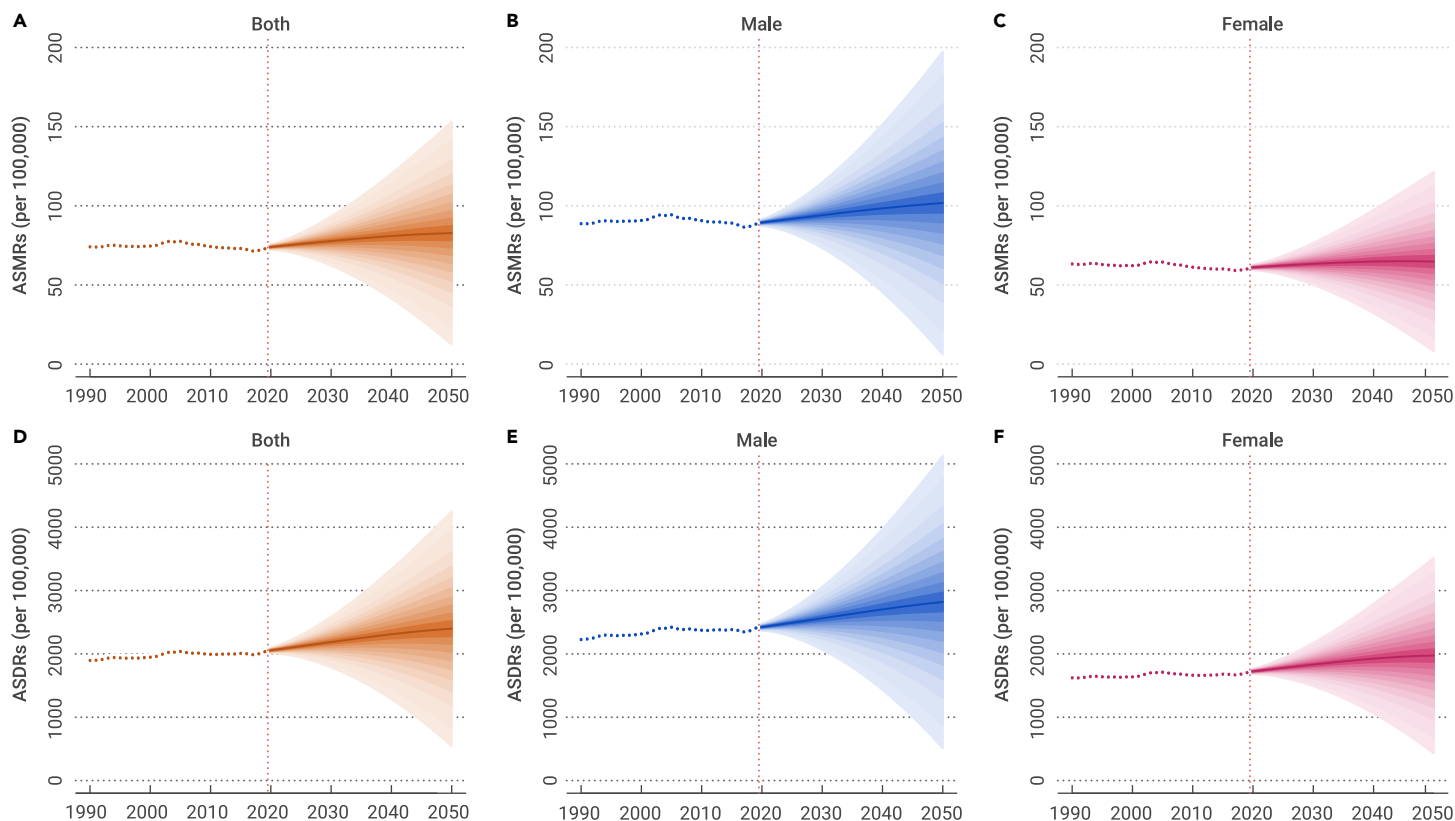
need at both individual and population levels to decrease the disease burden caused by high FPG.

## Temporal trends

This is one of the few studies that estimated global patterns in mean FPG levels over time, to our knowledge.<sup>8</sup> We found that FPG levels varied by sex, age, regions and showed an increasing trend from 1990 to 2019. The available estimates on global FPG levels were performed as early as 2008.<sup>8</sup> The current analysis provides updated evidence and includes a large number of studied countries. The substantial and ever-increasing trends in the high FPG-related disease burden from 1990 to 2019 are consistent with past study.<sup>15</sup> In addition, our current study extends previous estimations in the disease burden to predictions in the future 30 years, which suggests a long-term and sustained pattern of the increasing disease burden.

The exact reasons for the increasing global FPG levels and high FPG-related disease burden are unclear, but people's increasing exposure to known risk factors may be involved. Accumulating evidence has documented that obesity, unhealthy lifestyle, and environmental hazard exposures can increase FPG levels.<sup>16–19</sup> Our current analysis supports such evidence and documented that older age, alcohol drinking, tobacco smoking, consumption of red meat, physical inactivity, higher BMI levels, and lower air temperature levels were associated with elevated FPG levels or high FPG-related disease burden (detailed discussion on these risk factors are listed in a below section). Moreover, we found that most of these risk factors have been increasing in strength over the past 30 years (Figure S1). An aging population and urbanization in particular are expected to continue to increase, further exasperating the high FPG-related disease burden, as predicted by International Diabetes Federation<sup>20</sup> and the current study.

In addition, policies tailored to these risk factors may not have kept pace with relevant health needs in many countries. Researchers have proposed that opportunistic screening for DM and impaired glucose tolerance is beneficial and cost-effective, but this strategy has not been regularly implemented.<sup>21</sup> In the United States, for example, the prevalence of DM screening during office visits in 2015 was only 13%.<sup>22</sup> Methods to improve glycemic control when high FPG is



**Figure 4. Global predictions of high FPG-related ASMRs and ASDRs from 2020 to 2050** (A) Global predictions of high FPG-related ASMRs for both sexes. (B) Global predictions of high FPG-related ASMRs for males. (C) Global predictions of high FPG-related ASMRs for females. (D) Global predictions of high FPG-related ASDRs for both sexes. (E) Global predictions of high FPG-related ASDRs for males. (F) Global predictions of high FPG-related ASDRs for females. Shaded areas indicate the 95% CIs of predicted high FPG-related ASMRs and ASDRs.

detected remains a great challenge. For example, lifestyle modifications aiming at weight loss are compelling approaches for the management of high FPG, especially in developing countries, but such interventions are hard to be maintained because of the need for long-term adherence and the shortage of eligible lifestyle coaches.<sup>23</sup> Pharmacological treatments such as metformin are complementary solutions for glycemic control, but adverse effects (e.g., biochemical B<sub>12</sub> deficiency and anemia) are possible.<sup>24</sup> To address the above obstacles, more effective and feasible management strategies for high FPG should be explored.

### Spatial variation

We found that mean FPG levels and high FPG-related disease burden varied greatly across geographic locations. In addition to genetic predisposition,<sup>25</sup> SES levels may explain much of this variation. We observed that populations in countries with low to middle SES levels experienced the fastest increases in both mean FPG levels and high FPG-related disease burden from 1990 to 2019. These populations are also predicted to experience the greatest increase in high FPG-related disease burden from 2020 to 2050. Countries (or territories) with the low to middle SES levels also have relatively higher exposures to environmental hazards and lower health expenditure.<sup>26</sup> To address such health inequities, cost-effective measures should be explored to mitigate the increasing high FPG-related disease burden in contexts beyond higher income countries.

National-level interventions for hyperglycemia may also contribute to the observed spatial variations. For example, the lowest high FPG-related ASMR and ASDR in 2019 were observed in Japan and France, respectively, and the highest declines in high FPG-related ASMR and ASDR from 1990 to 2019 were observed in Singapore. These countries take effective health care policies and provide higher levels of universal health coverage than others.<sup>27</sup> Correspondingly, residents in such countries are more likely to receive comprehensive health services. Singapore, for example, has implemented a series of measures to control and reduce high FPG, including the annual National Healthy Lifestyle Campaign in 1992 and the War on Diabetes policy in 2016.<sup>28</sup> These policies aim to raise health awareness, promote healthy lifestyles, enhance the skills of healthcare providers, generate community-based recommendations, and raise

medical care investment, thus creating an environment conducive to glycemic control.

Finally, the disparity in high FPG-related disease burden might also be explained by regional differences in dietary habits. For example, the typical Japanese diet, which includes high intakes of soy/isoflavones and fish/n-3 fatty acids as well as low intakes of red meat, has been shown to protect against high FPG.<sup>29</sup>

### Potential risk factors

We observed that aging was a potential risk factor for high FPG levels and high FPG-related disease burden. Aging is characterized by decreased secretion of sex steroids, growth hormone, and insulin growth factor, which may interactively cause reduced lean body mass and increased adiposity, and further increase FPG levels.<sup>30</sup> Our estimates also showed that both historical and predicted rates of high FPG-related deaths and DALYs increased with age. This finding indicates that preventing high FPG among aging populations is critical, especially in countries whose populations are quickly aging.

We also detected several lifestyle risk factors for elevated FPG levels and high FPG-related disease burden, including tobacco smoking, alcohol consumption, physical inactivity, and red meat consumption, which are consistent with numerous prior studies.<sup>25,31,32</sup> These unhealthy lifestyles may increase FPG levels directly by affecting hormones like insulin and insulin-like growth factor,<sup>31</sup> and indirectly by increasing BMI.<sup>31</sup> Both our current analysis and prior research<sup>31,33</sup> have demonstrated that BMI is a major risk factor for elevated FPG levels and high FPG-related disease burden. Governments and some organizations have taken preventative efforts to decrease people's exposure to these lifestyle risk factors in recent decades. For example, as guided by the WHO Framework Convention on Tobacco Control, interventions through taxation, smoke-free policies, and advertisement bans have been widely adopted,<sup>34</sup> and the prevalence of tobacco smoking has decreased substantially from 1990 to 2019 (Figure S1). Similar interventions have also been used for controlling alcohol drinking<sup>34</sup>; however, the intervention effects, at global scale, are minimal (Figure S1). In addition, because of urbanization, the universal use of convenient automobiles, and a plentiful food supply, physical inactivity and red meat

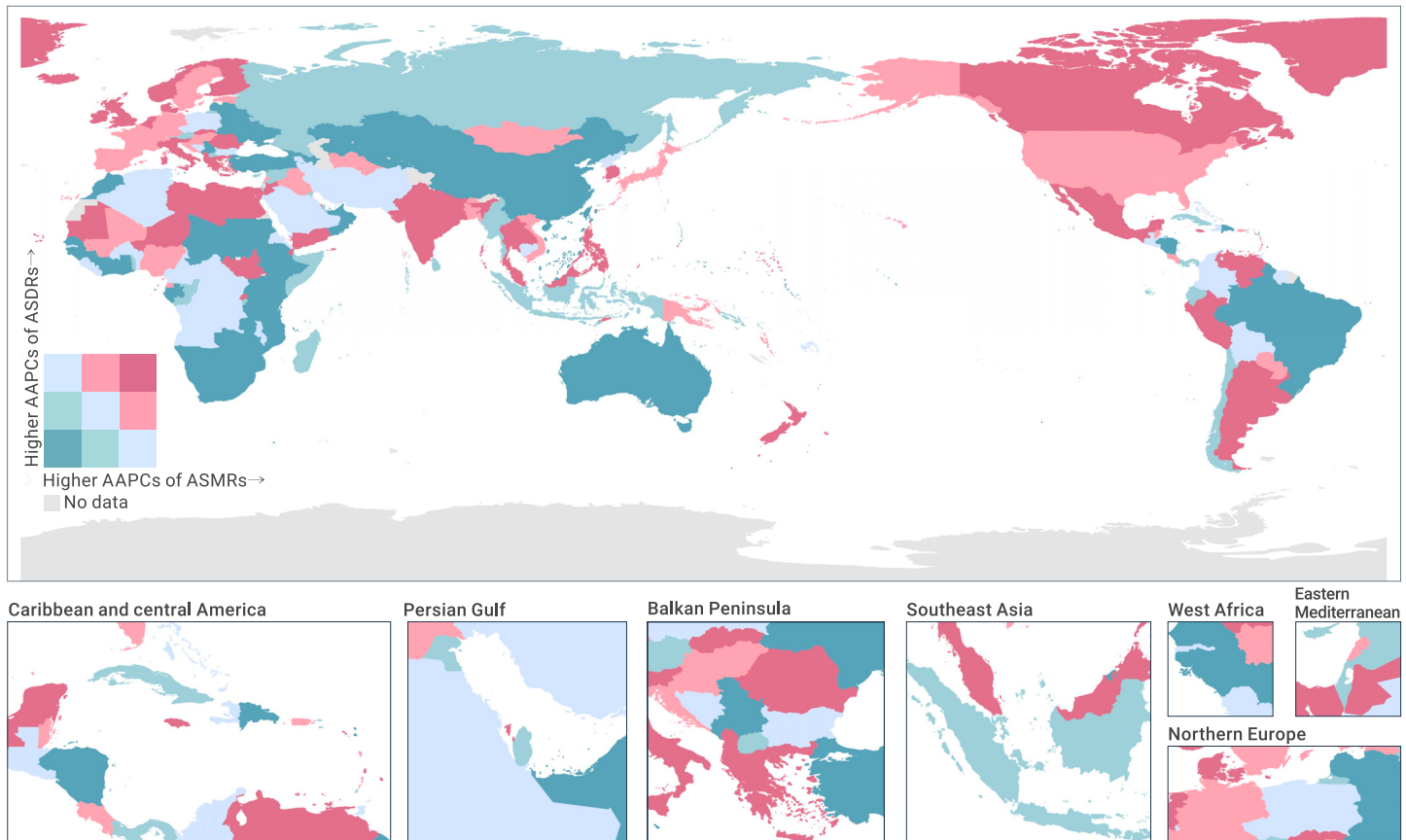


Figure 5. AAPCs of high FPG-related ASMRs and ASDRs from 2020 to 2050 by country (or territory)

consumption are increasingly common.<sup>25</sup> Governments and individuals should continue to take more efficient and comprehensive strategies to stimulate substantial improvements in adopting healthier lifestyles with the aim of controlling high FPG and its disease burden.

Finally, we observed that lower air temperature levels may be a risk factor for high FPG-related disease burden. A possible explanation may be that lower air temperature can increase FPG levels by changing diet and exercise patterns, raising infectious probabilities, activating the sympathetic nervous system, and triggering the secretion of catecholamines.<sup>35,36</sup> Effects of air temperature on human health (including FPG levels) are often reported to be non-linear; higher and lower than optimal air temperature may be hazardous.<sup>35,36</sup> Although we attempted to fit non-linear models, the results supported linear associations between air temperature and high FPG-related disease burden (Table S13). It is noteworthy that our data were at country (or territory) level and annually averaged, which might be too crude to detect potential non-linear relationships. This limitation also might have biased our estimates for other environmental factors including outdoor and indoor air pollution and green space, which were found to be not associated with FPG levels and high FPG-related disease burden or yielded mixed results. Better designed studies using rich data are needed to validate the glycaemic effects of outdoor environmental factors, preferably at a global scale.

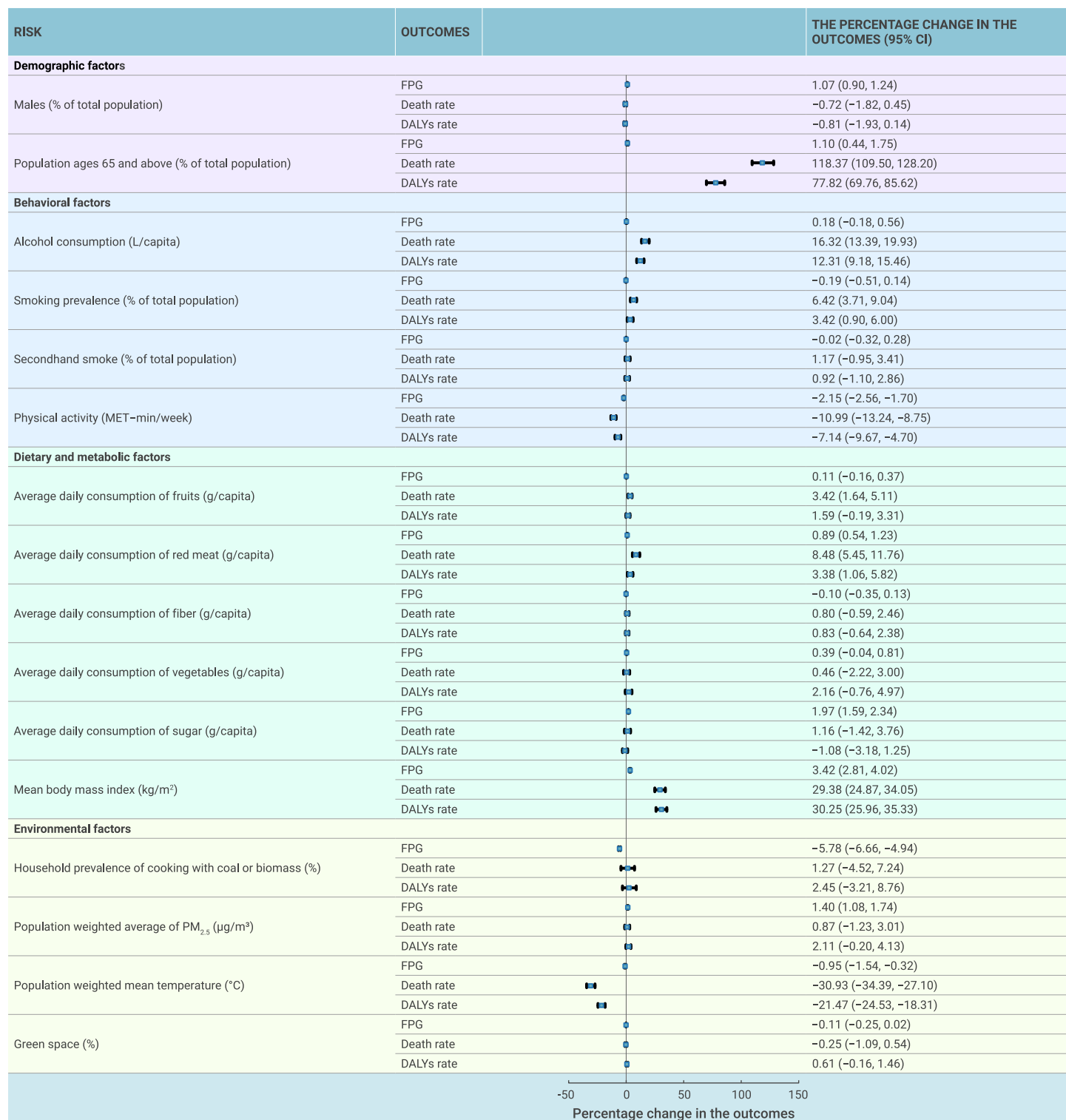
### Limitations

In interpreting our findings, some limitations should be considered. First, our study was bounded to the GBD 2019 data, which were constrained by the availability of the primary data, discordant case definitions, and collinearity between covariates.<sup>37,38</sup> Second, GBD 2019 defined high FPG with the theoretical minimum risk exposure level.<sup>39</sup> Its cut-off value (4.8–5.4 mM/L) was different from the commonly used 6.1 mM/L. Third, FPG data were unavailable in 77 countries (or territories), which were alternatively imputed by statistical models.<sup>38</sup> Trends in FPG levels and high FPG-related disease burden in these countries (or territories) might have been imprecisely estimated. Fourth, we predicted the burden of high FPG-related disease burden by using the Bayesian age-period-cohort (BAPC) model, which

contributed the change in the disease burden into age, period, and cohort effects and did not further incorporate other factors that could influence the disease burden.<sup>40</sup> This might have affected the accuracy of the predicted estimates. Nonetheless, to our knowledge, this study was the first to predict the global disease burden of high FPG, which not only advances our knowledge of the secular trends in high FPG-related disease burden, but also serves as a baseline for future work. Fifth, although we explored potential risk factors for elevated FPG levels and high FPG-related disease burden at a global scale, we used country-level and annually averaged data, which might have caused misclassification bias. The ecological study design has well-known limitations and places limits on the strength of evidence that can be generated. Sixth, the risk factors explored in our study were based on the existing knowledge of high FPG and were limited to variables that GBD 2019 provided (although we additionally included green space from another resource). Additional risk factors, such as psychosocial stress,<sup>41</sup> noise,<sup>42</sup> light at night,<sup>43</sup> genetic background,<sup>25</sup> medicine use,<sup>44</sup> and infectious agents,<sup>45</sup> were not covered. Last, GBD 2019 estimated the disease burden of high FPG with a limited set of health outcomes, yet emerging evidence has documented that other diseases are also related to high FPG, such as hypertension<sup>46</sup> and adverse pregnancy outcomes.<sup>47</sup> Thus, the adverse health effects of high FPG might have been underestimated.

### CONCLUSION

This study provides a comprehensive analysis of the epidemiology, current and future disease burden, and possible risk factors for FPG levels and high FPG-related disease burden. High FPG remains an important cause of great disease burden and is predicted to continue to strain health systems through 2050. The magnitude and temporal trends of FPG levels and their related disease burden are heterogeneous. Middle-aged and elderly populations, and people living in countries with low to middle SES levels may suffer more and should receive more attention in glycaemic management policies. Furthermore, aging, unhealthy lifestyles, elevated BMI, and lower air temperatures are potential risk factors for mean FPG levels and their related disease burden. More robust and



**Figure 6. Percentage changes in FPG levels and high FPG-related death and DALYs rates with per IQR increment of demographic, behavioral, dietary, metabolic and environmental factors** Error bars indicate the 95% CIs of the percentage changes in the outcomes.

effective interventions that target identified risk factors are needed to handle the increasingly large disease burden of high FPG.

## MATERIALS AND METHODS

### Data source and definitions

The GBD Study is led by the Institute for Health Metrics and Evaluation (IHME), which aims to collate all available data and use innovative methods to produce comparable estimates of the world's most important health problems. GBD 2019 is the most updated re-

sults of IHME. The GBD 2019 provides a systematic and scientific assessment of disease burden due to 369 diseases and injuries and 87 risk factors across 204 countries (or territories).<sup>37</sup>

In GBD 2019, high FPG is denoted as FPG levels greater than 4.8–5.4 mM/L.<sup>38</sup> GBD 2019 used the World Cancer Research Fund criteria for convincing or probable evidence of risk-outcome pairs. Fifteen GBD cause Level 3 outcomes met the criteria and were included in the analysis of high FPG-related disease burden: DM, ischemic heart disease, stroke, tuberculosis, chronic kidney disease, peripheral artery disease, blindness and vision loss, Alzheimer's disease and other dementias, liver cancer, breast cancer, ovarian cancer, bladder



cancer, pancreatic cancer, colon and rectum cancer, and tracheal, bronchus, and lung cancer.<sup>38</sup> High FPG-related disease burden was measured by death and DALYs. DALYs are the sum of years of life lost due to premature mortality and years lived with disability.<sup>38</sup>

We obtained three families of metrics from the GBD Results Tool<sup>48</sup> and GBD Compare Tool<sup>26</sup> to assess the global patterns and trends in high FPG and its related disease burden from 1990 to 2019, which included the (1) mean FPG levels among individuals aged 25 years and older, (2) death rates and ASMRs, and (3) DALYs rates and ASDR. Methodological procedures on estimating the above metrics have been described previously.<sup>38</sup> The GBD generated 95% UIs for its metrics, which were defined as the 2.5th and 97.5th percentiles of the ordered 1,000 estimations.<sup>38</sup>

To predict high FPG-related disease burden in the future 30 years (i.e., from 2020 to 2050), we retrieved the numbers of high FPG-related deaths and DALYs by sex, 5-year age group, country or region, and year (1990–2019).<sup>48</sup> In addition, we extracted the predictive population data between 1990 and 2050 from the 2022 Revision of World Population Prospects in UNdata: <https://population.un.org/wpp/>.<sup>49</sup> Finally, we downloaded worldwide standard population data from the Surveillance, Epidemiology, and End Results Program supported by the U.S. National Cancer Institute: <https://seer.cancer.gov/stdpopulations/>.<sup>50</sup>

To explore potential risk factors for elevated FPG levels and high FPG-related disease burden, we collected data on demographic factors (i.e., the proportion of males and population aged  $\geq 65$  years), behavioral factors (i.e., alcohol consumption, smoking prevalence, proportion of population exposed to secondhand smoke, and physical activity levels), dietary and metabolic factors (i.e., average daily consumption of fruits, red meat, fiber, vegetables and sugar, and mean BMI), and environmental factors (i.e., household prevalence of cooking with coal or biomass, population weighted mean PM<sub>2.5</sub> levels, and population-weighted mean air temperature levels) from the GBD Compare Tool.<sup>26</sup> In addition, considering recent evidence documented a strong association between green space and FPG levels,<sup>51,52</sup> we also considered lack of green space as a potential risk factor and obtained data on the percentage of green space from Google Earth Engine platform: <https://developers.google.com/earth-engine/>.<sup>53</sup> Informed consent was not needed because these databases were deidentified.

## Statistical analyses

We delineated patterns and trends in mean FPG levels and high FPG-related disease burden using three analyses. First, we cross-sectionally estimated the distribution of mean FPG levels and high FPG-related disease burden in 2019. Second, we investigated the temporal trends of mean FPG levels from 1990 to 2019 by calculating the AAPCs along with 95% CIs through a Joinpoint regression analysis. The significance of the change was tested using a Monte Carlo Permutation method by the Joinpoint software (the Surveillance Research Program of the U.S. National Cancer Institute; version 4.9.0). Third, we investigated the temporal trends of high FPG-related disease burden using annualized rates of change (ARCs) directly provided by the GBD 2019.

These analyses were performed among the overall population (i.e., at a global level) and then in subgroups stratified by sex (males vs females), age (5-year age groups), and country (or region). For country (region) analyses, we used three types of classifications. First, we divided countries (or territories) into low, lower middle, upper middle, and high income levels based on gross national income per capita recommended by the World Bank. Second, we classified countries (or territories) by SDI quintiles: low, low-middle, middle, high-middle, and high.<sup>37</sup> Third, we used the GBD regional classification system to classify countries (or territories) into seven super-regions (Central Europe, Eastern Europe, and Central Asia; high income; Latin America and Caribbean; North Africa and Middle East; South Asia; South-east Asia, East Asia, and Oceania; Sub-Saharan Africa) based on epidemiological similarity and geographic closeness.<sup>37</sup> We also tested the significance of differences in mean FPG levels, high FPG-related diseases burden, AAPCs, and ARCs between sexes using two-sided Z-tests.<sup>54</sup>

We predicted the trends in high FPG-related disease burden from 2020 to 2050 using a BAPC analysis. The BAPC model is built on the assumption that time-related changes in health outcomes can be separated into age, period, and cohort effects.<sup>40</sup> Age effects account for changes over the life course of individuals; period effects represents changes because of the events in particular years; cohort effects corresponds to changes caused by the replacement of older cohorts of individuals with younger ones with different characteristics.<sup>40</sup> Bayesian inference in the BAPC model can explicitly incorporate theoretical considerations and qualitative judgments into the inferential process, and shows better coverage and precision than other prediction methods.<sup>55</sup> In brief, we arranged high FPG-related disease burden and predictive population data into successive 5-year age intervals from 0 to 4 years to  $\geq 95$ . The World Standard population was used to standardize the rates of deaths and DALYs. A BAPC model was then fitted using a Poisson model with integrated

nested Laplace approximations to generate predictions for age-specific and age-standardized rates of high FPG-related disease burden from 2020 to 2050.

We used Bayesian spatiotemporal models, fitted with Markov chain Monte Carlo (MCMC) simulations, to assess associations of demographic, behavioral, dietary, metabolic, and environmental factors with mean FPG levels as well as high FPG-related mortality and DALYs rates. Before modeling, we constructed a neighborhood matrix, denoting whether each pair of countries (or territories) were close together, to calculate weights corresponding with neighbors. A total of 49 countries (or territories) were excluded because their weights corresponding to neighbors were zero. Ultimately, 155 countries (or territories) were included in the current analysis. We fitted the model using the following equation:

$$\log(Y_{kt}) \sim N(\mu_{kt}, \nu^2) \quad \text{for } k = 1, \dots, K, t = 1, \dots, N$$

$$\mu_{kt} = x_{kt}^T \beta_x + \text{Con}_{kt}^T \beta_{\text{Con}} + \varphi_{kt},$$

where  $K$  represented the number of countries (or territories) (i.e., 155);  $N$  was the number of years studied (i.e., 30);  $Y_{kt}$  indicated the mean FPG levels or the rates of high FPG-related deaths and DALYs for country  $k$  and year  $t$ ;  $x_{kt}$  was the level of the studied risk factor for country  $k$  and year  $t$ ;  $\text{Con}_{kt} = (\text{Con}_{kt1}, \dots, \text{Con}_{ktp})$  was a vector of  $p$  known confounders for country  $k$  and year  $t$ ;  $\beta_x$  and  $\beta_{\text{Con}}$  were regression coefficients for studied risk factors and confounders, respectively; and  $\varphi_{kt}$  was the spatiotemporal autocorrelation random effect for country  $k$  and year  $t$ .

We selected confounders based on *a priori* knowledge and the criteria that they should be related to both the explored risk factors and outcomes but lie outside the causal pathways between them.<sup>56</sup> All confounders were scaled and centered to have a mean (SD) of 0 (1) before being included into the models. To normalize the distribution, all outcome variables were naturally log-transformed. Models were run with 110,000 MCMC iterations, of which the first 10,000 iterations were discarded as burn-in and the remaining 100,000 samples were thinned by 100 to remove almost all of the correlation among the iterations. The estimated effects were reported as percent changes and 95% CIs in relation to per IQR increment in levels of risk factors.

An  $\alpha$ -level of 0.05 was adopted to indicate statistical significance. R (version 4.2.0) was used to perform all the above-mentioned data processing and analyses except where otherwise noted.

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## AUTHOR CONTRIBUTIONS

H.L.Q., S.J.F., B.Y.Y., and G.H.D. conceptualized this paper. H.L.Q. and S.J.F. designed the methods, accessed and verified the underlying data, performed the analyses, and wrote the first draft of the manuscript. K.Z., Z.H., M.H.E.M.B., L.D.K., T.Z., Y.N.L., X.X.L., L.X.H., J.X.L., Y.D.Z., Y.T.X., and J.H. critically revised the manuscript and helped to interpret the data. All authors had full access to all the data in the study and had final responsibility for the decision to submit for publication.

## DECLARATION OF INTERESTS

The authors declare no competing interests.

## SUPPLEMENTAL INFORMATION

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## LEAD CONTACT WEBSITE

<http://sph.sysu.edu.cn/teacher/995>

**The Innovation, Volume 4**

## **Supplemental Information**

**Global burden and drivers of hyperglycemia:**

**Estimates and predictions from 1990 to 2050**

**Hui-Ling Qiu, Shujun Fan, Kaixin Zhou, Zhini He, Matthew H.E.M. Browning, Luke D. Knibbs, Tianyu Zhao, Ya-Na Luo, Xiao-Xuan Liu, Li-Xin Hu, Jia-Xin Li, Yi-Dan Zhang, Yu-Ting Xie, Joachim Heinrich, Guang-Hui Dong, and Bo-Yi Yang**

1 **Supplemental Tables**

2 **Table S1** Global mean fasting plasma glucose (FPG) levels among individuals  $\geq 25$  years old by sex and  
3 age group in 2019

4 **Table S2** Average annual percent changes (AAPCs) of global mean fasting plasma glucose (FPG) among  
5 individuals  $\geq 25$  years old by sex and age group in 2019

6 **Table S3** Mean fasting plasma glucose (FPG) levels among individuals  $\geq 25$  years old by location in 2019

7 **Table S4** Average annual percent changes (AAPCs) of mean fasting plasma glucose (FPG) levels among  
8 individuals aged  $\geq 25$  years old by location from 1990 to 2019

9 **Table S5** Global rates of deaths and disability-adjusted life-years (DALYs) attributable to high fasting  
10 plasma glucose (FPG) by sex and age group in 2019

11 **Table S6** Age-standardized rates of deaths and disability-adjusted life-years (DALYs) attributable to high  
12 fasting plasma glucose (FPG) by location in 2019

13 **Table S7** Global annualized rate of changes (ARCs) in rates of deaths and disability-adjusted life-years  
14 (DALYs) attributable to high fasting plasma glucose (FPG) by sex and age group between 1990 and 2019

15 **Table S8** Annualized rate of changes (ARCs) in rates of deaths and disability-adjusted life-years (DALYs)  
16 attributable to high fasting plasma glucose (FPG) by location between 1990 and 2019

17 **Table S9** Global prediction rates of deaths and disability-adjusted life-years (DALYs) attributable to high  
18 fasting plasma glucose (FPG) by sex and age group in 2050

19 **Table S10** Predictions of age-standardized deaths rates (ASMRs) and age-standardized disability-adjusted  
20 life-years rates (ASDRs) attributable to high fasting plasma glucose (FPG) by location in 2050

21 **Table S11** Average annual percent changes (AAPCs) in global prediction rates of deaths and  
22 disability-adjusted life-years (DALYs) attributable to high fasting plasma glucose (FPG) by sex and age  
23 group between 2020 and 2050

24 **Table S12** Predicted average annual percent changes (AAPCs) in age-standardized rates of deaths and  
25 disability-adjusted life-years (DALYs) attributable to high fasting plasma glucose (FPG) by location  
26 between 2020 and 2050

27 **Table S13** Associations between categorical air temperature levels and mean FPG levels and rates of  
28 high-FPG-related deaths and DALYs

29 **Supplemental Figure**

30 **Figure S1** Global temporal trends in proportion of males, proportion of population  $\geq 65$  years old, alcohol  
31 consumption, prevalence of cigarette smoking, proportion of population exposed to secondhand smoke,  
32 physical activity levels, average daily consumption of fruits, red meat, fiber, vegetables and sugar, mean  
33 body mass index (BMI), household prevalence of cooking with coal or biomass, population weighted  
34 average of fine particulate matter (PM<sub>2.5</sub>), and population-weighted mean air temperature, from 1990 to  
35 2019



36 **Supplemental Tables**37 **Table S1 Global mean fasting plasma glucose (FPG) levels among individuals  $\geq 25$  years old by**  
38 **sex and age group in 2019**

Age	Both (mmol/L)	Male (mmol/L)	Female (mmol/L)	Difference*
$\geq 25$	5.40 (4.86, 6.00)	5.41 (4.90, 5.98)	5.39 (4.83, 6.02)	0.02 (-0.78, 0.83)
25-29	4.98 (4.48, 5.53)	5.03 (4.55, 5.55)	4.94 (4.42, 5.51)	0.09 (-0.66, 0.83)
30-34	5.09 (4.59, 5.66)	5.13 (4.64, 5.67)	5.06 (4.53, 5.65)	0.08 (-0.68, 0.84)
35-39	5.22 (4.70, 5.80)	5.24 (4.74, 5.79)	5.20 (4.66, 5.80)	0.04 (-0.74, 0.82)
40-44	5.34 (4.81, 5.93)	5.35 (4.84, 5.91)	5.32 (4.77, 5.94)	0.03 (-0.77, 0.82)
45-49	5.46 (4.92, 6.07)	5.48 (4.96, 6.05)	5.45 (4.89, 6.09)	0.02 (-0.79, 0.83)
50-54	5.58 (5.03, 6.19)	5.58 (5.05, 6.16)	5.58 (5.00, 6.23)	0.00 (-0.82, 0.83)
55-59	5.66 (5.10, 6.28)	5.65 (5.12, 6.25)	5.66 (5.07, 6.32)	-0.01 (-0.85, 0.83)
60-64	5.73 (5.16, 6.36)	5.72 (5.18, 6.32)	5.73 (5.14, 6.40)	-0.01 (-0.86, 0.84)
65-69	5.78 (5.20, 6.41)	5.79 (5.24, 6.40)	5.76 (5.16, 6.43)	0.03 (-0.82, 0.89)
70-74	5.78 (5.20, 6.42)	5.81 (5.26, 6.41)	5.76 (5.16, 6.42)	0.05 (-0.81, 0.91)
75-79	5.79 (5.21, 6.43)	5.81 (5.26, 6.42)	5.77 (5.17, 6.44)	0.04 (-0.81, 0.90)
80-84	5.74 (5.16, 6.37)	5.79 (5.24, 6.39)	5.70 (5.11, 6.36)	0.09 (-0.77, 0.94)
85-89	5.73 (5.15, 6.38)	5.76 (5.21, 6.38)	5.71 (5.11, 6.38)	0.06 (-0.81, 0.92)
90-94	5.74 (5.15, 6.39)	5.75 (5.20, 6.37)	5.73 (5.12, 6.40)	0.02 (-0.84, 0.89)
95+	5.71 (5.12, 6.37)	5.71 (5.16, 6.33)	5.71 (5.11, 6.39)	0.00 (-0.86, 0.87)

39 Notes: \*mean difference with 95% confidence interval in FPG levels between males and females

40 **Table S2 Average annual percent changes (AAPCs) of global mean fasting plasma glucose (FPG)**  
 41 **among individuals  $\geq 25$  years old by sex and age group in 2019**

Age	Both (%)	Male (%)	Female (%)	Difference*
$\geq 25$	0.28 (0.27, 0.29)	0.31 (0.30, 0.32)	0.25 (0.24, 0.26)	0.06 (0.05, 0.07)
25-29	0.23 (0.22, 0.24)	0.27 (0.26, 0.28)	0.19 (0.18, 0.21)	0.08 (0.06, 0.10)
30-34	0.27 (0.25, 0.29)	0.30 (0.29, 0.31)	0.23 (0.22, 0.25)	0.07 (0.05, 0.09)
35-39	0.27 (0.26, 0.29)	0.29 (0.28, 0.31)	0.26 (0.23, 0.28)	0.03 (0.00, 0.06)
40-44	0.28 (0.27, 0.30)	0.29 (0.28, 0.31)	0.27 (0.26, 0.29)	0.02 (-0.00, 0.04)
45-49	0.29 (0.28, 0.30)	0.31 (0.29, 0.32)	0.26 (0.25, 0.28)	0.05 (0.03, 0.07)
50-54	0.27 (0.26, 0.29)	0.30 (0.28, 0.31)	0.25 (0.24, 0.27)	0.05 (0.03, 0.07)
55-59	0.26 (0.25, 0.27)	0.29 (0.28, 0.30)	0.23 (0.21, 0.24)	0.06 (0.04, 0.08)
60-64	0.22 (0.21, 0.23)	0.25 (0.24, 0.26)	0.19 (0.18, 0.20)	0.06 (0.05, 0.07)
65-69	0.22 (0.21, 0.23)	0.26 (0.25, 0.28)	0.18 (0.17, 0.19)	0.08 (0.06, 0.10)
70-74	0.20 (0.19, 0.22)	0.25 (0.24, 0.26)	0.17 (0.15, 0.18)	0.08 (0.06, 0.10)
75-79	0.17 (0.17, 0.18)	0.22 (0.21, 0.23)	0.14 (0.12, 0.15)	0.08 (0.06, 0.10)
80-84	0.14 (0.12, 0.15)	0.19 (0.18, 0.20)	0.10 (0.09, 0.11)	0.09 (0.08, 0.10)
85-89	0.13 (0.12, 0.14)	0.20 (0.20, 0.21)	0.09 (0.08, 0.11)	0.11 (0.09, 0.13)
90-94	0.14 (0.13, 0.14)	0.18 (0.17, 0.18)	0.12 (0.11, 0.13)	0.06 (0.05, 0.07)
95+	0.11 (0.10, 0.12)	0.13 (0.12, 0.14)	0.10 (0.09, 0.11)	0.03 (0.02, 0.04)

42 Notes: \*mean difference with 95% confidence intervals in AAPCs of FPG levels between males and females

43 **Table S3 Mean fasting plasma glucose (FPG) levels among individuals  $\geq$  25 years old by location**  
 44 **in 2019**

Location	Both (mmol/L)	Male (mmol/L)	Female (mmol/L)	Difference*
<b>Global</b>	5.40 (4.86, 6.00)	5.41 (4.90, 5.98)	5.39 (4.83, 6.02)	0.02 (-0.78, 0.83)
<b>World Bank income levels</b>				
World Bank Low Income	4.94 (4.43, 5.51)	4.97 (4.47, 5.51)	4.92 (4.39, 5.51)	0.04 (-0.72, 0.81)
World Bank Lower Middle Income	5.36 (4.82, 5.96)	5.37 (4.85, 5.94)	5.35 (4.79, 5.98)	0.02 (-0.79, 0.82)
World Bank Upper Middle Income	5.48 (4.94, 6.08)	5.52 (5.00, 6.09)	5.44 (4.88, 6.07)	0.08 (-0.74, 0.89)
World Bank High Income	5.47 (4.93, 6.06)	5.44 (4.93, 6.00)	5.50 (4.93, 6.12)	-0.06 (-0.86, 0.74)
<b>SDI regions</b>				
Low SDI	4.91 (4.41, 5.47)	4.93 (4.44, 5.46)	4.89 (4.37, 5.48)	0.03 (-0.72, 0.78)
Low-middle SDI	5.48 (4.93, 6.10)	5.49 (4.96, 6.07)	5.48 (4.90, 6.12)	0.01 (-0.82, 0.84)
Middle SDI	5.37 (4.84, 5.96)	5.40 (4.89, 5.97)	5.34 (4.78, 5.95)	0.07 (-0.73, 0.86)
High-middle SDI	5.52 (4.96, 6.15)	5.52 (4.99, 6.11)	5.52 (4.94, 6.18)	-0.00 (-0.84, 0.83)
High SDI	5.51 (4.97, 6.10)	5.47 (4.97, 6.03)	5.54 (4.98, 6.17)	-0.07 (-0.86, 0.73)
<b>GBD super-regions</b>				
Central Europe, Eastern Europe, and Central Asia	5.53 (4.97, 6.15)	5.55 (5.02, 6.14)	5.50 (4.92, 6.15)	0.05 (-0.78, 0.88)
High-income	5.48 (4.94, 6.07)	5.44 (4.94, 5.99)	5.51 (4.95, 6.13)	-0.07 (-0.87, 0.73)
Latin America and Caribbean	5.27 (4.73, 5.87)	5.18 (4.68, 5.74)	5.35 (4.78, 5.98)	-0.16 (-0.96, 0.64)
North Africa and Middle East	5.29 (4.76, 5.88)	5.23 (4.72, 5.78)	5.36 (4.80, 5.99)	-0.13 (-0.93, 0.66)
South Asia	5.63 (5.06, 6.26)	5.65 (5.10, 6.25)	5.61 (5.02, 6.27)	0.03 (-0.82, 0.88)
Southeast Asia, East Asia, and Oceania	5.38 (4.85, 5.97)	5.46 (4.94, 6.02)	5.31 (4.77, 5.93)	0.14 (-0.65, 0.93)
Sub-Saharan Africa	4.90 (4.40, 5.46)	4.90 (4.42, 5.43)	4.91 (4.38, 5.49)	-0.01 (-0.76, 0.74)
<b>GBD countries and territories</b>				
Afghanistan	4.77 (4.29, 5.31)	4.71 (4.25, 5.22)	4.83 (4.32, 5.41)	-0.12 (-0.85, 0.60)
Albania	4.91 (4.41, 5.47)	4.90 (4.43, 5.43)	4.92 (4.40, 5.51)	-0.02 (-0.77, 0.73)
Algeria	5.84 (5.25, 6.51)	5.67 (5.12, 6.28)	6.01 (5.37, 6.73)	-0.34 (-1.23, 0.55)
American Samoa	6.49 (5.83, 7.22)	6.66 (6.01, 7.37)	6.33 (5.66, 7.08)	0.33 (-0.66, 1.31)
Andorra	5.26 (4.73, 5.85)	5.41 (4.88, 5.99)	5.10 (4.56, 5.71)	0.30 (-0.49, 1.10)
Angola	4.70 (4.22, 5.24)	4.72 (4.26, 5.23)	4.69 (4.19, 5.24)	0.03 (-0.68, 0.75)
Antigua and Barbuda	5.53 (4.97, 6.16)	5.54 (5.00, 6.13)	5.53 (4.94, 6.18)	0.01 (-0.83, 0.85)
Argentina	5.45 (4.91, 6.06)	5.37 (4.86, 5.93)	5.53 (4.95, 6.17)	-0.16 (-0.98, 0.65)
Armenia	5.17 (4.65, 5.76)	5.17 (4.67, 5.72)	5.18 (4.63, 5.79)	-0.01 (-0.80, 0.78)
Australia	5.25 (4.72, 5.84)	5.19 (4.70, 5.74)	5.30 (4.74, 5.93)	-0.11 (-0.91, 0.68)
Austria	5.02 (4.51, 5.59)	5.08 (4.59, 5.62)	4.97 (4.44, 5.56)	0.11 (-0.65, 0.87)
Azerbaijan	5.28 (4.74, 5.88)	5.26 (4.75, 5.82)	5.31 (4.74, 5.94)	-0.05 (-0.86, 0.75)
Bahamas	5.47 (4.91, 6.09)	5.57 (5.03, 6.17)	5.38 (4.81, 6.02)	0.20 (-0.64, 1.03)
Bahrain	5.61 (5.05, 6.24)	5.63 (5.08, 6.23)	5.58 (4.99, 6.25)	0.04 (-0.81, 0.90)
Bangladesh	5.46 (4.94, 6.03)	5.51 (5.01, 6.06)	5.41 (4.87, 6.00)	0.10 (-0.67, 0.87)
Barbados	5.48 (4.93, 6.09)	5.36 (4.85, 5.92)	5.60 (5.01, 6.25)	-0.24 (-1.06, 0.58)
Belarus	5.40 (4.85, 6.01)	5.30 (4.79, 5.88)	5.47 (4.89, 6.12)	-0.17 (-0.99, 0.65)
Belgium	5.27 (4.73, 5.86)	5.29 (4.78, 5.86)	5.25 (4.69, 5.87)	0.04 (-0.76, 0.84)
Belize	5.12 (4.60, 5.71)	4.88 (4.41, 5.41)	5.36 (4.79, 6.00)	-0.48 (-1.26, 0.31)

Benin	4.71 (4.23, 5.24)	4.76 (4.30, 5.28)	4.66 (4.16, 5.21)	0.11 (-0.61, 0.82)
Bermuda	5.85 (5.25, 6.51)	5.91 (5.34, 6.54)	5.80 (5.18, 6.49)	0.11 (-0.78, 1.00)
Bhutan	5.63 (5.12, 6.20)	5.72 (5.22, 6.28)	5.53 (5.01, 6.10)	0.20 (-0.56, 0.96)
Bolivia (Plurinational State of)	5.06 (4.55, 5.63)	5.03 (4.54, 5.57)	5.09 (4.55, 5.69)	-0.06 (-0.83, 0.71)
Bosnia and Herzegovina	5.23 (4.70, 5.83)	5.22 (4.71, 5.78)	5.24 (4.69, 5.87)	-0.03 (-0.82, 0.77)
Botswana	5.23 (4.70, 5.83)	5.20 (4.70, 5.76)	5.26 (4.70, 5.89)	-0.06 (-0.86, 0.74)
Brazil	5.10 (4.58, 5.68)	5.04 (4.55, 5.58)	5.15 (4.60, 5.77)	-0.11 (-0.89, 0.66)
Brunei Darussalam	5.25 (4.72, 5.85)	5.42 (4.89, 6.00)	5.07 (4.53, 5.67)	0.35 (-0.45, 1.15)
Bulgaria	5.32 (4.78, 5.92)	5.41 (4.89, 5.98)	5.24 (4.69, 5.86)	0.17 (-0.64, 0.97)
Burkina Faso	4.61 (4.14, 5.13)	4.61 (4.17, 5.11)	4.61 (4.12, 5.15)	0.01 (-0.69, 0.70)
Burundi	4.49 (4.03, 5.00)	4.45 (4.02, 4.93)	4.53 (4.05, 5.07)	-0.08 (-0.77, 0.60)
Cabo Verde	5.40 (4.85, 6.00)	5.48 (4.95, 6.06)	5.31 (4.75, 5.94)	0.16 (-0.65, 0.98)
Cambodia	4.74 (4.26, 5.28)	4.69 (4.24, 5.19)	4.79 (4.28, 5.36)	-0.10 (-0.82, 0.62)
Cameroon	5.22 (4.70, 5.81)	5.15 (4.66, 5.70)	5.29 (4.73, 5.91)	-0.14 (-0.93, 0.65)
Canada	5.00 (4.50, 5.55)	5.06 (4.57, 5.59)	4.94 (4.42, 5.51)	0.12 (-0.63, 0.86)
Central African Republic	4.68 (4.21, 5.22)	4.66 (4.21, 5.16)	4.71 (4.20, 5.27)	-0.04 (-0.76, 0.67)
Chad	5.11 (4.59, 5.69)	5.18 (4.68, 5.74)	5.05 (4.51, 5.65)	0.13 (-0.65, 0.91)
Chile	5.18 (4.66, 5.77)	5.14 (4.64, 5.69)	5.22 (4.67, 5.84)	-0.08 (-0.87, 0.71)
China	5.51 (4.97, 6.10)	5.60 (5.08, 6.17)	5.42 (4.86, 6.03)	0.18 (-0.62, 0.98)
Colombia	5.15 (4.64, 5.72)	5.12 (4.63, 5.65)	5.18 (4.64, 5.79)	-0.07 (-0.83, 0.70)
Comoros	4.58 (4.12, 5.10)	4.61 (4.17, 5.10)	4.56 (4.08, 5.10)	0.05 (-0.64, 0.75)
Congo	5.13 (4.60, 5.71)	5.19 (4.69, 5.75)	5.06 (4.52, 5.67)	0.13 (-0.65, 0.91)
Cook Islands	6.26 (5.62, 6.96)	6.41 (5.79, 7.10)	6.11 (5.46, 6.84)	0.30 (-0.65, 1.25)
Costa Rica	5.48 (4.92, 6.10)	5.56 (5.02, 6.16)	5.40 (4.83, 6.04)	0.16 (-0.67, 0.99)
Côte d'Ivoire	5.01 (4.50, 5.57)	5.07 (4.58, 5.61)	4.94 (4.41, 5.53)	0.13 (-0.63, 0.89)
Croatia	5.32 (4.78, 5.93)	5.43 (4.90, 6.01)	5.23 (4.67, 5.85)	0.20 (-0.61, 1.01)
Cuba	5.99 (5.38, 6.67)	6.05 (5.46, 6.70)	5.93 (5.30, 6.64)	0.12 (-0.79, 1.03)
Cyprus	5.17 (4.65, 5.76)	5.15 (4.65, 5.70)	5.20 (4.64, 5.82)	-0.05 (-0.84, 0.74)
Czechia	5.46 (4.90, 6.07)	5.62 (5.08, 6.22)	5.30 (4.74, 5.93)	0.32 (-0.50, 1.15)
Democratic People's Republic of Korea	4.93 (4.43, 5.49)	4.93 (4.45, 5.46)	4.92 (4.40, 5.51)	0.01 (-0.74, 0.76)
Democratic Republic of the Congo	5.66 (5.09, 6.30)	5.68 (5.13, 6.29)	5.64 (5.04, 6.31)	0.04 (-0.82, 0.90)
Denmark	5.04 (4.53, 5.61)	5.05 (4.56, 5.59)	5.03 (4.50, 5.63)	0.01 (-0.75, 0.78)
Djibouti	4.90 (4.40, 5.45)	4.83 (4.36, 5.35)	4.96 (4.43, 5.55)	-0.13 (-0.87, 0.62)
Dominica	5.40 (4.86, 6.01)	5.34 (4.82, 5.91)	5.47 (4.89, 6.12)	-0.13 (-0.95, 0.69)
Dominican Republic	5.00 (4.49, 5.56)	5.00 (4.52, 5.54)	4.99 (4.46, 5.59)	0.01 (-0.75, 0.77)
Ecuador	5.60 (5.08, 6.18)	5.60 (5.11, 6.15)	5.59 (5.05, 6.20)	0.01 (-0.77, 0.79)
Egypt	4.78 (4.30, 5.31)	4.69 (4.25, 5.19)	4.88 (4.37, 5.45)	-0.18 (-0.90, 0.53)
El Salvador	5.43 (4.88, 6.05)	5.54 (5.00, 6.14)	5.35 (4.78, 5.98)	0.19 (-0.63, 1.02)
Equatorial Guinea	5.70 (5.12, 6.35)	5.62 (5.07, 6.22)	5.79 (5.17, 6.48)	-0.17 (-1.04, 0.70)
Eritrea	4.61 (4.15, 5.14)	4.61 (4.16, 5.11)	4.62 (4.13, 5.17)	-0.00 (-0.71, 0.70)
Estonia	5.14 (4.62, 5.73)	5.05 (4.56, 5.59)	5.22 (4.67, 5.84)	-0.17 (-0.95, 0.61)
Eswatini	4.93 (4.45, 5.47)	4.87 (4.41, 5.37)	4.99 (4.47, 5.55)	-0.12 (-0.84, 0.61)
Ethiopia	4.87 (4.37, 5.41)	4.96 (4.48, 5.49)	4.77 (4.27, 5.34)	0.19 (-0.55, 0.92)
Fiji	6.21 (5.59, 6.90)	6.10 (5.52, 6.74)	6.32 (5.66, 7.06)	-0.22 (-1.15, 0.71)



Finland	5.70 (5.13, 6.34)	5.66 (5.12, 6.27)	5.74 (5.13, 6.42)	-0.08 (-0.94, 0.78)
France	5.14 (4.62, 5.72)	5.19 (4.69, 5.75)	5.10 (4.56, 5.70)	0.10 (-0.68, 0.87)
Gabon	5.45 (4.89, 6.07)	5.51 (4.98, 6.10)	5.39 (4.82, 6.03)	0.12 (-0.71, 0.95)
Gambia	4.90 (4.40, 5.45)	4.87 (4.40, 5.40)	4.92 (4.39, 5.50)	-0.04 (-0.79, 0.70)
Georgia	5.27 (4.73, 5.86)	5.20 (4.70, 5.76)	5.32 (4.75, 5.95)	-0.12 (-0.92, 0.68)
Germany	5.28 (4.75, 5.87)	5.23 (4.73, 5.79)	5.32 (4.76, 5.95)	-0.09 (-0.89, 0.71)
Ghana	5.30 (4.77, 5.89)	5.29 (4.78, 5.86)	5.31 (4.77, 5.92)	-0.02 (-0.81, 0.77)
Greece	5.42 (4.87, 6.04)	5.42 (4.89, 6.00)	5.43 (4.85, 6.07)	-0.01 (-0.84, 0.81)
Greenland	4.68 (4.21, 5.20)	4.81 (4.34, 5.32)	4.53 (4.05, 5.07)	0.27 (-0.43, 0.98)
Grenada	5.45 (4.89, 6.07)	5.37 (4.85, 5.95)	5.53 (4.94, 6.18)	-0.15 (-0.98, 0.68)
Guam	6.18 (5.56, 6.88)	6.55 (5.91, 7.25)	5.80 (5.18, 6.49)	0.74 (-0.19, 1.68)
Guatemala	5.25 (4.72, 5.85)	5.16 (4.66, 5.71)	5.34 (4.77, 5.97)	-0.18 (-0.98, 0.62)
Guinea-Bissau	4.94 (4.43, 5.50)	4.82 (4.35, 5.33)	5.05 (4.51, 5.65)	-0.23 (-0.98, 0.52)
Guinea	5.02 (4.51, 5.60)	4.99 (4.50, 5.52)	5.06 (4.52, 5.66)	-0.07 (-0.84, 0.69)
Guyana	5.28 (4.74, 5.88)	5.16 (4.66, 5.72)	5.38 (4.81, 6.02)	-0.22 (-1.02, 0.59)
Haiti	4.85 (4.36, 5.41)	4.74 (4.28, 5.24)	4.96 (4.43, 5.55)	-0.22 (-0.96, 0.52)
Honduras	5.09 (4.57, 5.67)	5.11 (4.62, 5.66)	5.07 (4.53, 5.67)	0.05 (-0.73, 0.82)
Hungary	5.75 (5.17, 6.40)	5.88 (5.32, 6.51)	5.64 (5.05, 6.31)	0.24 (-0.63, 1.11)
Iceland	5.35 (4.81, 5.96)	5.27 (4.76, 5.84)	5.43 (4.85, 6.08)	-0.16 (-0.97, 0.66)
India	5.66 (5.09, 6.30)	5.68 (5.13, 6.29)	5.64 (5.04, 6.32)	0.04 (-0.82, 0.90)
Indonesia	4.91 (4.41, 5.46)	4.91 (4.44, 5.44)	4.90 (4.38, 5.49)	0.01 (-0.73, 0.75)
Iran (Islamic Republic of)	5.23 (4.71, 5.80)	5.16 (4.67, 5.70)	5.29 (4.74, 5.91)	-0.13 (-0.91, 0.64)
Iraq	5.81 (5.23, 6.47)	5.76 (5.21, 6.38)	5.87 (5.25, 6.56)	-0.11 (-0.99, 0.77)
Ireland	4.89 (4.39, 5.44)	4.84 (4.37, 5.36)	4.93 (4.40, 5.52)	-0.08 (-0.83, 0.66)
Israel	5.30 (4.77, 5.89)	5.24 (4.73, 5.79)	5.37 (4.80, 5.99)	-0.13 (-0.93, 0.66)
Italy	5.22 (4.70, 5.80)	5.22 (4.72, 5.77)	5.22 (4.68, 5.83)	-0.00 (-0.78, 0.78)
Jamaica	4.89 (4.39, 5.44)	4.81 (4.35, 5.33)	4.96 (4.44, 5.55)	-0.15 (-0.89, 0.59)
Japan	5.65 (5.08, 6.28)	5.67 (5.12, 6.27)	5.63 (5.04, 6.29)	0.04 (-0.81, 0.89)
Jordan	5.79 (5.20, 6.44)	5.80 (5.24, 6.43)	5.77 (5.15, 6.45)	0.04 (-0.84, 0.92)
Kazakhstan	5.33 (4.79, 5.94)	5.36 (4.84, 5.94)	5.30 (4.74, 5.93)	0.06 (-0.75, 0.88)
Kenya	4.63 (4.19, 5.13)	4.50 (4.08, 4.96)	4.76 (4.29, 5.29)	-0.26 (-0.93, 0.41)
Kiribati	5.84 (5.25, 6.50)	6.03 (5.44, 6.68)	5.67 (5.07, 6.35)	0.36 (-0.53, 1.24)
Kuwait	5.45 (4.96, 5.99)	5.51 (5.02, 6.04)	5.39 (4.88, 5.94)	0.12 (-0.61, 0.85)
Kyrgyzstan	4.94 (4.43, 5.50)	4.84 (4.37, 5.36)	5.03 (4.49, 5.62)	-0.18 (-0.93, 0.57)
Lao People's Democratic Republic	5.02 (4.51, 5.59)	5.06 (4.57, 5.60)	4.98 (4.45, 5.57)	0.08 (-0.68, 0.85)
Latvia	5.55 (4.98, 6.18)	5.53 (4.99, 6.12)	5.57 (4.98, 6.23)	-0.04 (-0.89, 0.80)
Lebanon	5.45 (4.90, 6.07)	5.34 (4.83, 5.92)	5.55 (4.96, 6.21)	-0.20 (-1.03, 0.63)
Lesotho	4.47 (4.03, 4.96)	4.31 (3.91, 4.76)	4.62 (4.15, 5.15)	-0.31 (-0.96, 0.35)
Liberia	4.87 (4.38, 5.42)	4.72 (4.27, 5.23)	5.02 (4.49, 5.62)	-0.30 (-1.04, 0.45)
Libya	5.09 (4.57, 5.67)	4.91 (4.44, 5.44)	5.28 (4.72, 5.91)	-0.37 (-1.15, 0.41)
Lithuania	5.47 (4.91, 6.09)	5.52 (4.98, 6.11)	5.44 (4.86, 6.08)	0.08 (-0.75, 0.92)
Luxembourg	5.14 (4.62, 5.72)	5.26 (4.75, 5.82)	5.02 (4.49, 5.62)	0.24 (-0.54, 1.02)
Madagascar	4.60 (4.13, 5.12)	4.61 (4.16, 5.10)	4.59 (4.10, 5.13)	0.02 (-0.68, 0.72)
Malawi	4.31 (3.87, 4.79)	4.34 (3.92, 4.80)	4.28 (3.83, 4.78)	0.06 (-0.59, 0.71)

Malaysia	5.78 (5.20, 6.42)	5.73 (5.18, 6.34)	5.83 (5.21, 6.51)	-0.10 (-0.97, 0.77)
Maldives	5.25 (4.72, 5.84)	5.24 (4.73, 5.81)	5.27 (4.71, 5.89)	-0.02 (-0.82, 0.78)
Mali	4.88 (4.38, 5.43)	4.89 (4.41, 5.41)	4.87 (4.35, 5.45)	0.02 (-0.73, 0.76)
Malta	5.33 (4.79, 5.94)	5.24 (4.73, 5.80)	5.43 (4.85, 6.07)	-0.19 (-1.01, 0.62)
Marshall Islands	5.74 (5.16, 6.39)	5.91 (5.34, 6.55)	5.56 (4.96, 6.22)	0.36 (-0.51, 1.23)
Mauritania	4.89 (4.39, 5.43)	4.77 (4.31, 5.27)	5.00 (4.47, 5.58)	-0.23 (-0.97, 0.50)
Mauritius	5.99 (5.38, 6.67)	6.03 (5.44, 6.67)	5.96 (5.33, 6.66)	0.07 (-0.84, 0.98)
Mexico	5.62 (5.05, 6.26)	5.39 (4.87, 5.97)	5.84 (5.22, 6.53)	-0.45 (-1.31, 0.40)
Micronesia (Federated States of)	5.87 (5.27, 6.53)	5.80 (5.24, 6.42)	5.94 (5.30, 6.64)	-0.14 (-1.03, 0.75)
Monaco	5.67 (5.10, 6.32)	5.91 (5.34, 6.55)	5.46 (4.88, 6.10)	0.46 (-0.41, 1.32)
Mongolia	4.93 (4.44, 5.49)	5.04 (4.55, 5.57)	4.84 (4.33, 5.41)	0.19 (-0.55, 0.94)
Montenegro	5.23 (4.70, 5.83)	5.30 (4.79, 5.87)	5.17 (4.62, 5.78)	0.14 (-0.66, 0.93)
Morocco	5.26 (4.73, 5.86)	5.18 (4.68, 5.74)	5.34 (4.78, 5.98)	-0.16 (-0.96, 0.64)
Mozambique	4.75 (4.27, 5.29)	4.87 (4.40, 5.39)	4.65 (4.16, 5.21)	0.22 (-0.51, 0.94)
Myanmar	5.38 (4.85, 5.96)	5.40 (4.89, 5.95)	5.36 (4.81, 5.96)	0.04 (-0.74, 0.82)
Namibia	5.16 (4.68, 5.68)	5.25 (4.79, 5.76)	5.07 (4.58, 5.62)	0.18 (-0.53, 0.89)
Nauru	5.78 (5.19, 6.43)	5.84 (5.28, 6.47)	5.71 (5.11, 6.40)	0.13 (-0.75, 1.01)
Nepal	5.36 (4.82, 5.97)	5.49 (4.96, 6.07)	5.26 (4.71, 5.89)	0.22 (-0.59, 1.04)
Netherlands	5.27 (4.74, 5.87)	5.31 (4.80, 5.88)	5.24 (4.68, 5.86)	0.08 (-0.73, 0.88)
New Zealand	5.37 (4.83, 5.98)	5.30 (4.78, 5.87)	5.44 (4.86, 6.09)	-0.15 (-0.96, 0.67)
Nicaragua	4.89 (4.39, 5.45)	4.87 (4.40, 5.39)	4.91 (4.39, 5.50)	-0.04 (-0.79, 0.70)
Niger	4.89 (4.40, 5.45)	5.01 (4.53, 5.55)	4.78 (4.27, 5.35)	0.24 (-0.51, 0.98)
Nigeria	4.79 (4.31, 5.32)	4.80 (4.34, 5.31)	4.78 (4.28, 5.34)	0.02 (-0.70, 0.74)
Niue	6.05 (5.44, 6.74)	6.09 (5.50, 6.75)	6.02 (5.38, 6.73)	0.08 (-0.84, 1.00)
North Macedonia	5.25 (4.72, 5.85)	5.22 (4.71, 5.78)	5.29 (4.73, 5.92)	-0.07 (-0.87, 0.73)
Northern Mariana Islands	6.10 (5.48, 6.79)	6.40 (5.78, 7.09)	5.78 (5.17, 6.47)	0.62 (-0.30, 1.54)
Norway	5.41 (4.86, 6.02)	5.36 (4.84, 5.94)	5.45 (4.87, 6.10)	-0.09 (-0.92, 0.73)
Oman	5.56 (5.02, 6.16)	5.52 (5.00, 6.09)	5.65 (5.06, 6.31)	-0.13 (-0.96, 0.70)
Pakistan	5.55 (4.99, 6.17)	5.49 (4.97, 6.08)	5.61 (5.02, 6.26)	-0.11 (-0.95, 0.72)
Palau	6.09 (5.47, 6.77)	6.11 (5.52, 6.77)	6.06 (5.42, 6.78)	0.05 (-0.88, 0.97)
Palestine	5.15 (4.63, 5.74)	5.01 (4.52, 5.55)	5.30 (4.74, 5.93)	-0.29 (-1.08, 0.49)
Panama	5.32 (4.78, 5.93)	5.49 (4.95, 6.07)	5.16 (4.61, 5.78)	0.32 (-0.49, 1.13)
Papua New Guinea	5.30 (4.77, 5.90)	5.34 (4.83, 5.91)	5.26 (4.70, 5.88)	0.09 (-0.71, 0.89)
Paraguay	5.47 (4.92, 6.09)	5.38 (4.86, 5.96)	5.56 (4.97, 6.22)	-0.18 (-1.01, 0.66)
Peru	5.06 (4.55, 5.63)	5.01 (4.53, 5.55)	5.10 (4.56, 5.70)	-0.08 (-0.85, 0.68)
Philippines	4.70 (4.23, 5.22)	4.68 (4.23, 5.17)	4.72 (4.23, 5.27)	-0.04 (-0.74, 0.66)
Poland	5.18 (4.66, 5.77)	5.18 (4.68, 5.73)	5.19 (4.64, 5.80)	-0.01 (-0.79, 0.78)
Portugal	5.61 (5.04, 6.25)	5.62 (5.08, 6.22)	5.60 (5.01, 6.27)	0.02 (-0.83, 0.87)
Puerto Rico	6.10 (5.48, 6.80)	6.09 (5.50, 6.74)	6.11 (5.47, 6.84)	-0.03 (-0.95, 0.90)
Qatar	5.77 (5.20, 6.41)	5.79 (5.23, 6.41)	5.71 (5.10, 6.39)	0.08 (-0.79, 0.96)
Republic of Korea	5.30 (4.78, 5.88)	5.37 (4.87, 5.94)	5.23 (4.69, 5.83)	0.14 (-0.64, 0.93)
Republic of Moldova	5.32 (4.80, 5.91)	5.26 (4.77, 5.81)	5.38 (4.83, 5.99)	-0.11 (-0.90, 0.67)
Romania	5.44 (4.89, 6.06)	5.40 (4.88, 5.98)	5.48 (4.89, 6.13)	-0.07 (-0.90, 0.76)
Russian Federation	5.96 (5.35, 6.64)	6.08 (5.49, 6.74)	5.86 (5.24, 6.56)	0.22 (-0.68, 1.13)

Rwanda	4.33 (3.89, 4.82)	4.32 (3.90, 4.79)	4.34 (3.88, 4.85)	-0.02 (-0.68, 0.64)
Saint Kitts and Nevis	5.57 (5.00, 6.20)	5.54 (5.00, 6.13)	5.59 (5.00, 6.26)	-0.05 (-0.90, 0.80)
Saint Lucia	5.52 (4.96, 6.15)	5.35 (4.83, 5.93)	5.69 (5.09, 6.37)	-0.34 (-1.18, 0.50)
Saint Vincent and the Grenadines	5.61 (5.04, 6.25)	5.36 (4.84, 5.93)	5.88 (5.25, 6.58)	-0.52 (-1.38, 0.34)
Samoa	5.59 (5.02, 6.22)	5.65 (5.11, 6.26)	5.52 (4.93, 6.17)	0.14 (-0.71, 0.98)
San Marino	5.33 (4.79, 5.94)	5.38 (4.86, 5.96)	5.29 (4.73, 5.92)	0.09 (-0.72, 0.90)
Sao Tome and Principe	5.08 (4.56, 5.65)	5.08 (4.59, 5.63)	5.07 (4.53, 5.67)	0.01 (-0.76, 0.78)
Saudi Arabia	5.36 (4.83, 5.95)	5.25 (4.76, 5.80)	5.53 (4.95, 6.19)	-0.28 (-1.09, 0.53)
Senegal	5.29 (4.75, 5.89)	5.20 (4.70, 5.75)	5.38 (4.81, 6.01)	-0.18 (-0.98, 0.62)
Serbia	5.25 (4.72, 5.85)	5.26 (4.75, 5.83)	5.24 (4.68, 5.86)	0.03 (-0.77, 0.82)
Seychelles	5.73 (5.15, 6.38)	5.65 (5.11, 6.26)	5.83 (5.21, 6.52)	-0.17 (-1.05, 0.70)
Sierra Leone	4.84 (4.35, 5.39)	4.82 (4.35, 5.33)	4.87 (4.35, 5.45)	-0.05 (-0.79, 0.69)
Singapore	5.62 (5.07, 6.24)	5.70 (5.16, 6.29)	5.54 (4.97, 6.19)	0.15 (-0.68, 0.98)
Slovakia	5.38 (4.83, 5.99)	5.45 (4.92, 6.03)	5.32 (4.75, 5.95)	0.13 (-0.69, 0.94)
Slovenia	5.43 (4.88, 6.05)	5.52 (4.99, 6.11)	5.34 (4.78, 5.98)	0.18 (-0.65, 1.00)
Solomon Islands	5.48 (4.93, 6.10)	5.64 (5.09, 6.25)	5.32 (4.76, 5.96)	0.32 (-0.51, 1.15)
Somalia	4.33 (3.89, 4.82)	4.09 (3.69, 4.53)	4.57 (4.08, 5.11)	-0.48 (-1.14, 0.18)
South Africa	4.90 (4.40, 5.45)	4.78 (4.32, 5.30)	5.00 (4.47, 5.59)	-0.22 (-0.96, 0.53)
South Sudan	5.02 (4.51, 5.59)	5.10 (4.61, 5.65)	4.95 (4.43, 5.54)	0.15 (-0.62, 0.91)
Spain	5.43 (4.88, 6.03)	5.49 (4.96, 6.07)	5.36 (4.80, 5.99)	0.13 (-0.69, 0.94)
Sri Lanka	5.47 (4.91, 6.08)	5.47 (4.94, 6.06)	5.46 (4.88, 6.11)	0.01 (-0.82, 0.84)
Sudan	4.86 (4.37, 5.40)	4.76 (4.30, 5.27)	4.95 (4.43, 5.53)	-0.19 (-0.92, 0.54)
Suriname	5.81 (5.23, 6.47)	5.78 (5.22, 6.39)	5.85 (5.23, 6.54)	-0.07 (-0.95, 0.81)
Sweden	5.43 (4.89, 6.05)	5.46 (4.93, 6.04)	5.41 (4.84, 6.05)	0.05 (-0.77, 0.87)
Switzerland	5.10 (4.59, 5.67)	5.18 (4.68, 5.72)	5.03 (4.51, 5.62)	0.14 (-0.62, 0.91)
Syrian Arab Republic	5.31 (4.77, 5.91)	5.08 (4.59, 5.62)	5.52 (4.93, 6.18)	-0.44 (-1.25, 0.37)
Taiwan (Province of China)	5.55 (4.99, 6.18)	5.60 (5.06, 6.20)	5.51 (4.93, 6.17)	0.09 (-0.75, 0.93)
Tajikistan	4.85 (4.36, 5.40)	4.80 (4.34, 5.32)	4.90 (4.37, 5.48)	-0.09 (-0.83, 0.65)
Thailand	5.31 (4.78, 5.90)	5.34 (4.82, 5.90)	5.29 (4.73, 5.91)	0.05 (-0.75, 0.84)
Timor-Leste	4.55 (4.09, 5.05)	4.51 (4.08, 4.99)	4.58 (4.10, 5.12)	-0.08 (-0.76, 0.61)
Togo	5.00 (4.49, 5.57)	4.96 (4.48, 5.49)	5.04 (4.51, 5.64)	-0.08 (-0.84, 0.68)
Tokelau	5.84 (5.24, 6.50)	5.90 (5.33, 6.54)	5.77 (5.16, 6.46)	0.13 (-0.76, 1.02)
Tonga	5.80 (5.21, 6.46)	5.89 (5.31, 6.52)	5.72 (5.12, 6.41)	0.16 (-0.72, 1.04)
Trinidad and Tobago	5.37 (4.83, 5.98)	5.37 (4.85, 5.94)	5.38 (4.81, 6.01)	-0.01 (-0.82, 0.80)
Tunisia	5.39 (4.84, 6.00)	5.40 (4.87, 5.98)	5.38 (4.80, 6.01)	0.02 (-0.80, 0.84)
Turkey	5.57 (5.02, 6.18)	5.55 (5.03, 6.13)	5.58 (5.01, 6.22)	-0.03 (-0.85, 0.79)
Turkmenistan	5.33 (4.79, 5.94)	5.31 (4.79, 5.88)	5.36 (4.79, 6.00)	-0.05 (-0.86, 0.76)
Tuvalu	5.66 (5.09, 6.30)	5.64 (5.09, 6.24)	5.69 (5.09, 6.37)	-0.06 (-0.92, 0.81)
Uganda	4.97 (4.46, 5.52)	5.01 (4.53, 5.55)	4.93 (4.41, 5.51)	0.09 (-0.66, 0.83)
Ukraine	5.33 (4.79, 5.94)	5.22 (4.71, 5.78)	5.42 (4.85, 6.07)	-0.21 (-1.02, 0.60)
United Arab Emirates	5.75 (5.18, 6.38)	5.69 (5.14, 6.30)	5.96 (5.33, 6.67)	-0.27 (-1.16, 0.61)
United Kingdom	5.26 (4.72, 5.86)	5.26 (4.75, 5.82)	5.26 (4.70, 5.89)	-0.00 (-0.80, 0.80)
United Republic of Tanzania	4.79 (4.33, 5.30)	4.74 (4.30, 5.22)	4.84 (4.36, 5.37)	-0.10 (-0.79, 0.59)
United States of America	5.82 (5.30, 6.38)	5.67 (5.20, 6.18)	5.95 (5.40, 6.56)	-0.28 (-1.04, 0.48)

United States Virgin Islands	5.70 (5.12, 6.35)	5.85 (5.28, 6.48)	5.57 (4.98, 6.23)	0.28 (-0.59, 1.15)
Uruguay	5.42 (4.87, 6.04)	5.23 (4.72, 5.79)	5.59 (4.99, 6.25)	-0.36 (-1.18, 0.47)
Uzbekistan	5.01 (4.57, 5.50)	5.02 (4.59, 5.49)	5.00 (4.54, 5.51)	0.02 (-0.64, 0.68)
Vanuatu	5.42 (4.88, 6.02)	5.37 (4.86, 5.93)	5.47 (4.90, 6.11)	-0.10 (-0.91, 0.70)
Venezuela (Bolivarian Republic of)	5.25 (4.71, 5.85)	5.15 (4.65, 5.70)	5.34 (4.77, 5.98)	-0.19 (-0.99, 0.61)
Viet Nam	5.24 (4.71, 5.82)	5.37 (4.85, 5.94)	5.11 (4.57, 5.72)	0.26 (-0.53, 1.05)
Yemen	4.81 (4.32, 5.35)	4.78 (4.32, 5.29)	4.84 (4.32, 5.41)	-0.06 (-0.79, 0.67)
Zambia	4.63 (4.16, 5.15)	4.59 (4.14, 5.08)	4.67 (4.18, 5.23)	-0.09 (-0.79, 0.62)
Zimbabwe	5.24 (4.71, 5.84)	5.13 (4.64, 5.68)	5.33 (4.76, 5.96)	-0.20 (-0.99, 0.60)

45 Notes: \*mean difference with 95% confidence intervals in FPG levels between males and females

46 **Table S4 Average annual percent changes (AAPCs) of mean fasting plasma glucose (FPG) levels**  
 47 **among individuals aged  $\geq 25$  years old by location from 1990 to 2019**

Location	Both (%)	Male (%)	Female (%)	Difference*
<b>Global</b>	0.28 (0.27, 0.29)	0.31 (0.30, 0.32)	0.25 (0.24, 0.26)	0.06 (0.05, 0.07)
<b>World Bank income levels</b>				
World Bank Low Income	0.09 (0.07, 0.11)	0.10 (0.07, 0.12)	0.09 (0.08, 0.09)	0.01 (-0.02, 0.04)
World Bank Lower Middle Income	0.41 (0.39, 0.42)	0.45 (0.43, 0.46)	0.37 (0.35, 0.38)	0.08 (0.06, 0.10)
World Bank Upper Middle Income	0.32 (0.30, 0.34)	0.36 (0.34, 0.38)	0.29 (0.27, 0.30)	0.08 (0.05, 0.10)
World Bank High Income	0.14 (0.14, 0.15)	0.15 (0.14, 0.16)	0.14 (0.13, 0.15)	0.01 (-0.00, 0.02)
<b>SDI regions</b>				
Low SDI	0.09 (0.06, 0.12)	0.11 (0.08, 0.13)	0.08 (0.06, 0.10)	0.03 (-0.00, 0.05)
Low-middle SDI	0.47 (0.45, 0.50)	0.51 (0.48, 0.54)	0.43 (0.41, 0.45)	0.08 (0.04, 0.12)
Middle SDI	0.36 (0.32, 0.39)	0.40 (0.37, 0.42)	0.31 (0.28, 0.35)	0.09 (0.04, 0.13)
High-middle SDI	0.13 (0.12, 0.14)	0.12 (0.11, 0.13)	0.14 (0.13, 0.16)	-0.03 (-0.04, -0.01)
High SDI	0.16 (0.15, 0.17)	0.16 (0.15, 0.17)	0.15 (0.14, 0.16)	0.01 (-0.01, 0.02)
<b>GBD super-regions</b>				
Central Europe, Eastern Europe, and Central Asia	0.13 (0.09, 0.16)	0.10 (0.07, 0.14)	0.15 (0.12, 0.17)	-0.04 (-0.08, -0.01)
High-income	0.15 (0.14, 0.15)	0.15 (0.14, 0.17)	0.14 (0.13, 0.15)	0.01 (-0.01, 0.03)
Latin America and Caribbean	0.12 (0.11, 0.13)	0.05 (0.03, 0.06)	0.18 (0.16, 0.20)	-0.13 (-0.16, -0.11)
North Africa and Middle East	0.18 (0.17, 0.19)	0.15 (0.14, 0.16)	0.21 (0.19, 0.22)	-0.06 (-0.08, -0.04)
South Asia	0.55 (0.51, 0.60)	0.61 (0.56, 0.65)	0.50 (0.47, 0.52)	0.11 (0.06, 0.16)
Southeast Asia, East Asia, and Oceania	0.40 (0.36, 0.44)	0.47 (0.44, 0.50)	0.33 (0.28, 0.37)	0.14 (0.09, 0.19)
Sub-Saharan Africa	0.11 (0.09, 0.13)	0.11 (0.09, 0.13)	0.11 (0.09, 0.13)	0.00 (-0.02, 0.03)
<b>GBD countries and territories</b>				
Afghanistan	-0.09 (-0.12, -0.06)	-0.10 (-0.13, -0.06)	-0.08 (-0.11, -0.05)	-0.02 (-0.06, 0.03)
Albania	0.24 (0.22, 0.26)	0.24 (0.23, 0.26)	0.24 (0.22, 0.26)	0.00 (-0.03, 0.03)
Algeria	0.19 (0.16, 0.22)	0.10 (0.08, 0.12)	0.27 (0.25, 0.29)	-0.17 (-0.20, -0.14)
American Samoa	0.23 (0.21, 0.25)	0.17 (0.14, 0.19)	0.30 (0.28, 0.33)	-0.14 (-0.17, -0.10)
Andorra	0.09 (0.08, 0.11)	0.12 (0.10, 0.14)	0.08 (0.07, 0.09)	0.04 (0.02, 0.06)
Angola	0.18 (0.16, 0.20)	0.12 (0.10, 0.15)	0.24 (0.23, 0.25)	-0.11 (-0.14, -0.09)
Antigua and Barbuda	0.10 (0.07, 0.12)	0.05 (0.02, 0.07)	0.14 (0.11, 0.16)	-0.09 (-0.13, -0.06)
Argentina	0.09 (0.03, 0.15)	0.08 (0.02, 0.14)	0.10 (0.04, 0.16)	-0.02 (-0.10, 0.07)
Armenia	0.19 (0.17, 0.22)	0.18 (0.16, 0.21)	0.20 (0.19, 0.22)	-0.02 (-0.05, 0.01)
Australia	0.20 (0.19, 0.22)	0.15 (0.14, 0.16)	0.25 (0.23, 0.26)	-0.09 (-0.11, -0.07)
Austria	0.17 (0.15, 0.19)	0.21 (0.19, 0.22)	0.13 (0.11, 0.15)	0.08 (0.06, 0.10)
Azerbaijan	0.21 (0.20, 0.23)	0.16 (0.15, 0.18)	0.26 (0.25, 0.27)	-0.10 (-0.12, -0.08)
Bahamas	0.02 (-0.01, 0.04)	-0.03 (-0.08, 0.01)	0.07 (0.03, 0.10)	-0.10 (-0.16, -0.04)
Bahrain	0.19 (0.18, 0.21)	0.16 (0.15, 0.18)	0.24 (0.22, 0.27)	-0.08 (-0.11, -0.05)
Bangladesh	0.57 (0.54, 0.61)	0.64 (0.63, 0.66)	0.51 (0.50, 0.51)	0.14 (0.12, 0.16)
Barbados	-0.04 (-0.06, -0.02)	-0.09 (-0.12, -0.06)	-0.00 (-0.02, 0.02)	-0.09 (-0.12, -0.05)
Belarus	0.23 (0.21, 0.24)	0.23 (0.22, 0.24)	0.22 (0.21, 0.23)	0.01 (-0.01, 0.02)
Belgium	0.11 (0.09, 0.14)	0.13 (0.11, 0.15)	0.10 (0.07, 0.13)	0.04 (0.00, 0.07)
Belize	0.13 (0.12, 0.14)	0.06 (0.04, 0.08)	0.19 (0.17, 0.21)	-0.13 (-0.15, -0.10)

Benin	0.19 (0.16, 0.21)	0.13 (0.10, 0.16)	0.23 (0.21, 0.25)	-0.10 (-0.14, -0.07)
Bermuda	0.13 (0.11, 0.15)	0.09 (0.06, 0.12)	0.17 (0.14, 0.20)	-0.08 (-0.12, -0.04)
Bhutan	0.52 (0.50, 0.55)	0.59 (0.56, 0.62)	0.45 (0.42, 0.47)	0.14 (0.11, 0.18)
Bolivia (Plurinational State of)	0.22 (0.21, 0.23)	0.14 (0.13, 0.15)	0.30 (0.29, 0.31)	-0.16 (-0.17, -0.14)
Bosnia and Herzegovina	0.28 (0.24, 0.32)	0.31 (0.28, 0.33)	0.26 (0.24, 0.27)	0.05 (0.02, 0.08)
Botswana	0.33 (0.30, 0.35)	0.28 (0.25, 0.31)	0.37 (0.35, 0.39)	-0.09 (-0.13, -0.06)
Brazil	0.12 (0.10, 0.14)	0.07 (0.06, 0.08)	0.16 (0.14, 0.18)	-0.09 (-0.11, -0.07)
Brunei Darussalam	-0.02 (-0.04, -0.00)	-0.05 (-0.07, -0.02)	0.02 (-0.00, 0.05)	-0.07 (-0.11, -0.04)
Bulgaria	0.10 (0.08, 0.12)	0.13 (0.12, 0.14)	0.07 (0.05, 0.10)	0.06 (0.03, 0.08)
Burkina Faso	0.20 (0.18, 0.22)	0.20 (0.18, 0.23)	0.19 (0.17, 0.22)	0.01 (-0.02, 0.05)
Burundi	0.00 (-0.01, 0.02)	0.02 (-0.03, 0.06)	-0.00 (-0.02, 0.01)	0.02 (-0.03, 0.07)
Cabo Verde	0.26 (0.25, 0.27)	0.26 (0.23, 0.29)	0.24 (0.23, 0.26)	0.02 (-0.02, 0.05)
Cambodia	0.20 (0.18, 0.22)	0.27 (0.25, 0.28)	0.15 (0.13, 0.18)	0.11 (0.08, 0.14)
Cameroon	0.43 (0.39, 0.47)	0.36 (0.34, 0.39)	0.50 (0.47, 0.53)	-0.14 (-0.17, -0.10)
Canada	0.28 (0.27, 0.29)	0.29 (0.28, 0.30)	0.28 (0.26, 0.29)	0.01 (-0.01, 0.03)
Central African Republic	-0.05 (-0.06, -0.04)	-0.08 (-0.10, -0.06)	-0.02 (-0.04, -0.01)	-0.06 (-0.08, -0.04)
Chad	0.13 (0.10, 0.15)	0.17 (0.15, 0.20)	0.08 (0.07, 0.09)	0.10 (0.07, 0.12)
Chile	0.41 (0.39, 0.44)	0.40 (0.38, 0.43)	0.42 (0.40, 0.45)	-0.02 (-0.06, 0.02)
China	0.46 (0.42, 0.49)	0.55 (0.52, 0.57)	0.37 (0.33, 0.41)	0.18 (0.13, 0.22)
Colombia	0.12 (0.11, 0.13)	0.07 (0.05, 0.10)	0.17 (0.16, 0.17)	-0.09 (-0.12, -0.07)
Comoros	0.07 (0.06, 0.08)	0.05 (0.02, 0.08)	0.09 (0.08, 0.10)	-0.04 (-0.07, -0.01)
Congo	0.07 (0.06, 0.08)	0.03 (0.01, 0.05)	0.10 (0.09, 0.11)	-0.07 (-0.09, -0.05)
Cook Islands	0.40 (0.36, 0.45)	0.40 (0.36, 0.45)	0.42 (0.40, 0.45)	-0.02 (-0.07, 0.03)
Costa Rica	0.27 (0.26, 0.27)	0.24 (0.23, 0.24)	0.30 (0.29, 0.31)	-0.07 (-0.08, -0.06)
Côte d'Ivoire	0.14 (0.11, 0.17)	0.13 (0.08, 0.17)	0.15 (0.12, 0.18)	-0.03 (-0.08, 0.03)
Croatia	0.08 (0.05, 0.12)	0.08 (0.05, 0.11)	0.08 (0.05, 0.12)	-0.00 (-0.04, 0.04)
Cuba	0.14 (0.12, 0.16)	0.05 (0.04, 0.06)	0.24 (0.21, 0.28)	-0.20 (-0.23, -0.16)
Cyprus	0.12 (0.10, 0.14)	0.13 (0.10, 0.15)	0.10 (0.08, 0.12)	0.03 (-0.00, 0.05)
Czechia	0.06 (0.02, 0.09)	0.09 (0.02, 0.16)	0.02 (-0.02, 0.06)	0.07 (-0.01, 0.15)
Democratic People's Republic of Korea	0.07 (0.04, 0.09)	0.03 (0.02, 0.05)	0.10 (0.07, 0.12)	-0.06 (-0.09, -0.04)
Democratic Republic of the Congo	-0.17 (-0.20, -0.14)	-0.22 (-0.26, -0.18)	-0.13 (-0.15, -0.12)	-0.09 (-0.13, -0.05)
Denmark	0.11 (0.10, 0.12)	0.12 (0.10, 0.14)	0.10 (0.09, 0.11)	0.02 (-0.00, 0.04)
Djibouti	0.16 (0.14, 0.19)	0.08 (0.07, 0.10)	0.25 (0.23, 0.27)	-0.16 (-0.19, -0.14)
Dominica	0.13 (0.11, 0.15)	0.09 (0.07, 0.11)	0.17 (0.15, 0.19)	-0.08 (-0.11, -0.05)
Dominican Republic	0.27 (0.24, 0.30)	0.28 (0.25, 0.30)	0.27 (0.25, 0.30)	0.00 (-0.03, 0.04)
Ecuador	0.33 (0.32, 0.33)	0.33 (0.31, 0.34)	0.33 (0.32, 0.33)	-0.00 (-0.02, 0.01)
Egypt	0.20 (0.18, 0.21)	0.16 (0.14, 0.18)	0.23 (0.21, 0.25)	-0.07 (-0.10, -0.05)
El Salvador	0.20 (0.20, 0.21)	0.14 (0.14, 0.15)	0.27 (0.26, 0.28)	-0.13 (-0.14, -0.12)
Equatorial Guinea	0.54 (0.50, 0.59)	0.53 (0.49, 0.57)	0.57 (0.54, 0.59)	-0.04 (-0.09, 0.02)
Eritrea	0.13 (0.11, 0.14)	0.17 (0.14, 0.21)	0.08 (0.07, 0.09)	0.09 (0.06, 0.13)
Estonia	0.21 (0.20, 0.22)	0.21 (0.20, 0.22)	0.21 (0.20, 0.22)	0.00 (-0.02, 0.02)
Eswatini	0.45 (0.44, 0.46)	0.41 (0.40, 0.42)	0.49 (0.48, 0.49)	-0.08 (-0.09, -0.06)
Ethiopia	0.12 (0.10, 0.14)	0.16 (0.12, 0.20)	0.08 (0.05, 0.11)	0.09 (0.04, 0.14)
Fiji	0.28 (0.25, 0.31)	0.22 (0.20, 0.24)	0.34 (0.31, 0.38)	-0.12 (-0.16, -0.08)

Finland	0.18 (0.17, 0.19)	0.15 (0.13, 0.17)	0.21 (0.19, 0.23)	-0.07 (-0.09, -0.04)
France	-0.04 (-0.05, -0.02)	-0.07 (-0.09, -0.05)	-0.00 (-0.02, 0.02)	-0.07 (-0.09, -0.04)
Gabon	0.11 (0.10, 0.12)	0.01 (-0.01, 0.02)	0.21 (0.20, 0.23)	-0.21 (-0.23, -0.18)
Gambia	0.12 (0.08, 0.16)	0.10 (0.06, 0.15)	0.13 (0.09, 0.17)	-0.03 (-0.09, 0.03)
Georgia	0.15 (0.12, 0.17)	0.07 (0.02, 0.11)	0.22 (0.20, 0.23)	-0.15 (-0.20, -0.10)
Germany	0.18 (0.17, 0.19)	0.16 (0.14, 0.17)	0.20 (0.19, 0.21)	-0.05 (-0.07, -0.03)
Ghana	0.32 (0.30, 0.35)	0.34 (0.32, 0.36)	0.32 (0.27, 0.37)	0.01 (-0.04, 0.07)
Greece	0.09 (0.07, 0.11)	0.09 (0.08, 0.10)	0.09 (0.08, 0.11)	-0.00 (-0.02, 0.02)
Greenland	0.19 (0.18, 0.21)	0.20 (0.19, 0.21)	0.21 (0.19, 0.22)	-0.01 (-0.03, 0.01)
Grenada	0.15 (0.13, 0.17)	0.10 (0.08, 0.12)	0.20 (0.17, 0.23)	-0.10 (-0.13, -0.06)
Guam	0.33 (0.31, 0.35)	0.29 (0.28, 0.30)	0.41 (0.39, 0.42)	-0.12 (-0.14, -0.09)
Guatemala	0.14 (0.13, 0.15)	0.05 (0.04, 0.05)	0.22 (0.21, 0.23)	-0.17 (-0.19, -0.16)
Guinea-Bissau	0.16 (0.14, 0.19)	0.11 (0.03, 0.18)	0.21 (0.18, 0.24)	-0.11 (-0.19, -0.03)
Guinea	0.08 (0.05, 0.12)	0.07 (0.03, 0.12)	0.09 (0.07, 0.11)	-0.02 (-0.07, 0.03)
Guyana	0.15 (0.13, 0.18)	0.11 (0.09, 0.13)	0.19 (0.14, 0.25)	-0.09 (-0.14, -0.03)
Haiti	-0.03 (-0.06, 0.01)	-0.12 (-0.16, -0.08)	0.06 (0.01, 0.10)	-0.17 (-0.23, -0.12)
Honduras	0.15 (0.14, 0.16)	0.06 (0.05, 0.06)	0.24 (0.24, 0.25)	-0.19 (-0.20, -0.18)
Hungary	0.20 (0.18, 0.22)	0.20 (0.19, 0.22)	0.20 (0.17, 0.23)	0.01 (-0.03, 0.04)
Iceland	0.15 (0.13, 0.17)	0.14 (0.11, 0.17)	0.17 (0.15, 0.18)	-0.03 (-0.06, 0.01)
India	0.57 (0.54, 0.61)	0.64 (0.59, 0.70)	0.50 (0.47, 0.53)	0.14 (0.08, 0.20)
Indonesia	0.24 (0.23, 0.25)	0.26 (0.24, 0.28)	0.22 (0.20, 0.23)	0.04 (0.02, 0.07)
Iran (Islamic Republic of)	0.22 (0.20, 0.24)	0.19 (0.18, 0.20)	0.25 (0.23, 0.26)	-0.05 (-0.07, -0.04)
Iraq	-0.00 (-0.01, 0.01)	-0.02 (-0.05, 0.01)	0.02 (0.00, 0.03)	-0.03 (-0.07, -0.00)
Ireland	0.22 (0.19, 0.24)	0.26 (0.24, 0.28)	0.18 (0.15, 0.21)	0.07 (0.04, 0.11)
Israel	0.18 (0.17, 0.18)	0.19 (0.18, 0.20)	0.17 (0.16, 0.17)	0.02 (0.01, 0.04)
Italy	0.07 (0.03, 0.11)	0.13 (0.10, 0.16)	0.03 (-0.03, 0.08)	0.11 (0.04, 0.17)
Jamaica	-0.05 (-0.06, -0.05)	-0.15 (-0.17, -0.13)	0.03 (0.01, 0.06)	-0.18 (-0.22, -0.15)
Japan	0.17 (0.15, 0.20)	0.18 (0.16, 0.20)	0.17 (0.16, 0.19)	0.01 (-0.02, 0.03)
Jordan	0.28 (0.25, 0.30)	0.22 (0.20, 0.23)	0.34 (0.31, 0.37)	-0.12 (-0.16, -0.08)
Kazakhstan	0.19 (0.16, 0.21)	0.18 (0.17, 0.20)	0.19 (0.17, 0.21)	-0.00 (-0.03, 0.02)
Kenya	0.13 (0.11, 0.14)	0.11 (0.10, 0.12)	0.14 (0.13, 0.15)	-0.03 (-0.05, -0.01)
Kiribati	0.24 (0.22, 0.26)	0.15 (0.14, 0.17)	0.33 (0.30, 0.35)	-0.17 (-0.20, -0.14)
Kuwait	0.24 (0.19, 0.29)	0.21 (0.18, 0.25)	0.32 (0.29, 0.34)	-0.10 (-0.14, -0.06)
Kyrgyzstan	0.07 (0.05, 0.08)	0.01 (-0.01, 0.03)	0.12 (0.11, 0.13)	-0.11 (-0.13, -0.09)
Lao People's Democratic Republic	0.23 (0.21, 0.26)	0.29 (0.27, 0.32)	0.17 (0.15, 0.20)	0.12 (0.08, 0.16)
Latvia	0.20 (0.18, 0.23)	0.21 (0.19, 0.23)	0.19 (0.17, 0.21)	0.02 (-0.01, 0.04)
Lebanon	0.15 (0.13, 0.17)	0.10 (0.07, 0.13)	0.19 (0.16, 0.21)	-0.09 (-0.13, -0.04)
Lesotho	0.24 (0.23, 0.24)	0.20 (0.19, 0.21)	0.28 (0.27, 0.29)	-0.08 (-0.09, -0.06)
Liberia	0.09 (0.05, 0.12)	0.01 (-0.03, 0.05)	0.15 (0.13, 0.18)	-0.14 (-0.19, -0.09)
Libya	0.11 (0.08, 0.14)	0.02 (-0.01, 0.06)	0.21 (0.18, 0.23)	-0.18 (-0.23, -0.14)
Lithuania	0.27 (0.25, 0.29)	0.28 (0.25, 0.31)	0.26 (0.23, 0.30)	0.02 (-0.03, 0.06)
Luxembourg	0.14 (0.13, 0.15)	0.19 (0.18, 0.20)	0.08 (0.07, 0.10)	0.11 (0.08, 0.13)
Madagascar	0.04 (0.01, 0.06)	0.04 (0.01, 0.08)	0.03 (0.02, 0.04)	0.01 (-0.02, 0.05)
Malawi	0.09 (0.09, 0.10)	0.09 (0.09, 0.10)	0.09 (0.08, 0.10)	0.00 (-0.01, 0.02)



Malaysia	0.26 (0.25, 0.27)	0.26 (0.24, 0.27)	0.26 (0.25, 0.28)	-0.01 (-0.03, 0.02)
Maldives	0.25 (0.23, 0.28)	0.21 (0.19, 0.23)	0.30 (0.28, 0.33)	-0.09 (-0.12, -0.06)
Mali	0.18 (0.15, 0.21)	0.19 (0.15, 0.24)	0.16 (0.14, 0.19)	0.03 (-0.02, 0.08)
Malta	0.22 (0.20, 0.24)	0.24 (0.22, 0.25)	0.21 (0.19, 0.23)	0.03 (0.01, 0.05)
Marshall Islands	0.26 (0.22, 0.29)	0.21 (0.19, 0.23)	0.31 (0.29, 0.32)	-0.10 (-0.13, -0.07)
Mauritania	0.14 (0.13, 0.15)	0.08 (0.06, 0.10)	0.20 (0.18, 0.21)	-0.12 (-0.14, -0.10)
Mauritius	0.31 (0.30, 0.33)	0.37 (0.34, 0.40)	0.26 (0.24, 0.28)	0.11 (0.07, 0.15)
Mexico	0.08 (0.06, 0.09)	-0.05 (-0.06, -0.04)	0.18 (0.16, 0.20)	-0.23 (-0.26, -0.21)
Micronesia (Federated States of)	0.47 (0.44, 0.49)	0.38 (0.36, 0.40)	0.55 (0.52, 0.58)	-0.17 (-0.21, -0.14)
Monaco	0.11 (0.09, 0.13)	0.12 (0.10, 0.14)	0.09 (0.06, 0.11)	0.03 (0.00, 0.07)
Mongolia	0.15 (0.14, 0.16)	0.12 (0.10, 0.14)	0.19 (0.17, 0.20)	-0.07 (-0.09, -0.04)
Montenegro	0.04 (0.00, 0.08)	0.04 (0.00, 0.09)	0.04 (-0.00, 0.09)	0.00 (-0.06, 0.06)
Morocco	0.24 (0.22, 0.27)	0.19 (0.16, 0.21)	0.30 (0.28, 0.32)	-0.11 (-0.14, -0.09)
Mozambique	0.15 (0.14, 0.17)	0.19 (0.18, 0.21)	0.12 (0.11, 0.13)	0.08 (0.06, 0.09)
Myanmar	0.21 (0.20, 0.23)	0.27 (0.25, 0.29)	0.16 (0.14, 0.17)	0.11 (0.09, 0.14)
Namibia	0.21 (0.20, 0.21)	0.18 (0.17, 0.19)	0.23 (0.22, 0.24)	-0.05 (-0.07, -0.04)
Nauru	0.19 (0.17, 0.21)	0.09 (0.06, 0.12)	0.30 (0.27, 0.32)	-0.21 (-0.25, -0.17)
Nepal	0.48 (0.45, 0.50)	0.52 (0.50, 0.55)	0.44 (0.41, 0.46)	0.08 (0.05, 0.12)
Netherlands	0.13 (0.12, 0.14)	0.16 (0.15, 0.17)	0.10 (0.08, 0.12)	0.07 (0.05, 0.09)
New Zealand	0.21 (0.20, 0.22)	0.15 (0.14, 0.16)	0.26 (0.24, 0.28)	-0.10 (-0.13, -0.08)
Nicaragua	0.13 (0.12, 0.14)	0.01 (-0.00, 0.03)	0.24 (0.22, 0.25)	-0.22 (-0.24, -0.20)
Niger	0.09 (0.07, 0.12)	0.10 (0.06, 0.14)	0.10 (0.07, 0.12)	0.00 (-0.05, 0.05)
Nigeria	0.09 (0.03, 0.15)	0.12 (0.07, 0.18)	0.05 (-0.02, 0.12)	0.07 (-0.02, 0.16)
Niue	0.34 (0.31, 0.36)	0.31 (0.29, 0.33)	0.36 (0.34, 0.38)	-0.05 (-0.07, -0.02)
North Macedonia	0.09 (0.07, 0.12)	0.07 (0.04, 0.09)	0.12 (0.09, 0.15)	-0.05 (-0.09, -0.02)
Northern Mariana Islands	0.26 (0.21, 0.31)	0.24 (0.19, 0.29)	0.32 (0.27, 0.37)	-0.08 (-0.15, -0.01)
Norway	0.13 (0.12, 0.14)	0.15 (0.14, 0.17)	0.11 (0.10, 0.12)	0.04 (0.02, 0.06)
Oman	0.15 (0.11, 0.18)	0.08 (0.06, 0.11)	0.29 (0.27, 0.32)	-0.21 (-0.24, -0.17)
Pakistan	0.37 (0.36, 0.38)	0.30 (0.28, 0.32)	0.45 (0.43, 0.47)	-0.15 (-0.18, -0.12)
Palau	0.36 (0.34, 0.38)	0.30 (0.27, 0.32)	0.43 (0.39, 0.47)	-0.13 (-0.18, -0.09)
Palestine	0.19 (0.16, 0.22)	0.27 (0.25, 0.29)	0.14 (0.12, 0.16)	0.13 (0.10, 0.16)
Panama	0.19 (0.18, 0.20)	0.18 (0.16, 0.20)	0.21 (0.19, 0.23)	-0.03 (-0.06, -0.00)
Papua New Guinea	0.20 (0.18, 0.22)	0.21 (0.18, 0.23)	0.19 (0.17, 0.22)	0.01 (-0.02, 0.05)
Paraguay	0.10 (0.10, 0.11)	0.07 (0.06, 0.08)	0.14 (0.13, 0.15)	-0.07 (-0.09, -0.06)
Peru	0.26 (0.22, 0.29)	0.23 (0.22, 0.24)	0.28 (0.25, 0.31)	-0.05 (-0.08, -0.02)
Philippines	0.24 (0.21, 0.26)	0.24 (0.22, 0.27)	0.23 (0.20, 0.26)	0.01 (-0.03, 0.05)
Poland	0.05 (0.05, 0.06)	0.08 (0.07, 0.08)	0.04 (0.02, 0.05)	0.04 (0.03, 0.06)
Portugal	0.19 (0.16, 0.22)	0.18 (0.17, 0.19)	0.19 (0.17, 0.21)	-0.01 (-0.03, 0.01)
Puerto Rico	0.18 (0.16, 0.19)	0.13 (0.12, 0.15)	0.22 (0.20, 0.23)	-0.08 (-0.10, -0.06)
Qatar	0.10 (0.08, 0.12)	0.11 (0.09, 0.13)	0.06 (0.04, 0.08)	0.05 (0.02, 0.08)
Republic of Korea	0.04 (0.02, 0.06)	0.18 (0.16, 0.19)	-0.08 (-0.11, -0.05)	0.26 (0.23, 0.29)
Republic of Moldova	0.17 (0.15, 0.18)	0.10 (0.08, 0.12)	0.22 (0.20, 0.24)	-0.12 (-0.14, -0.09)
Romania	0.19 (0.17, 0.22)	0.14 (0.11, 0.17)	0.24 (0.22, 0.27)	-0.10 (-0.14, -0.06)
Russian Federation	0.14 (0.13, 0.15)	0.12 (0.09, 0.14)	0.17 (0.16, 0.18)	-0.05 (-0.08, -0.02)

Rwanda	0.11 (0.09, 0.13)	0.14 (0.12, 0.16)	0.07 (0.05, 0.09)	0.07 (0.03, 0.10)
Saint Kitts and Nevis	0.14 (0.11, 0.16)	0.09 (0.06, 0.12)	0.18 (0.15, 0.20)	-0.08 (-0.12, -0.04)
Saint Lucia	0.14 (0.13, 0.16)	0.04 (0.02, 0.07)	0.24 (0.19, 0.28)	-0.19 (-0.24, -0.14)
Saint Vincent and the Grenadines	0.20 (0.18, 0.22)	0.11 (0.09, 0.13)	0.29 (0.27, 0.31)	-0.18 (-0.21, -0.15)
Samoa	0.29 (0.26, 0.32)	0.32 (0.28, 0.36)	0.26 (0.22, 0.29)	0.06 (0.01, 0.12)
San Marino	0.08 (0.06, 0.10)	0.08 (0.06, 0.11)	0.08 (0.07, 0.10)	0.00 (-0.03, 0.03)
Sao Tome and Principe	0.14 (0.12, 0.17)	0.13 (0.09, 0.16)	0.16 (0.13, 0.19)	-0.04 (-0.08, 0.01)
Saudi Arabia	0.04 (0.02, 0.06)	-0.01 (-0.03, 0.02)	0.11 (0.09, 0.13)	-0.12 (-0.15, -0.08)
Senegal	0.11 (0.09, 0.12)	0.08 (0.06, 0.10)	0.14 (0.10, 0.17)	-0.06 (-0.09, -0.02)
Serbia	0.08 (0.04, 0.13)	0.07 (0.03, 0.12)	0.10 (0.06, 0.14)	-0.02 (-0.08, 0.04)
Seychelles	0.26 (0.23, 0.28)	0.22 (0.20, 0.24)	0.30 (0.27, 0.32)	-0.08 (-0.11, -0.04)
Sierra Leone	0.10 (0.08, 0.12)	0.08 (0.05, 0.12)	0.11 (0.09, 0.14)	-0.03 (-0.07, 0.01)
Singapore	-0.01 (-0.04, 0.02)	0.00 (-0.03, 0.03)	-0.04 (-0.06, -0.02)	0.04 (0.00, 0.08)
Slovakia	0.12 (0.10, 0.13)	0.15 (0.12, 0.17)	0.09 (0.07, 0.11)	0.06 (0.03, 0.09)
Slovenia	0.15 (0.12, 0.17)	0.13 (0.10, 0.16)	0.16 (0.14, 0.19)	-0.03 (-0.08, 0.01)
Solomon Islands	0.21 (0.19, 0.24)	0.19 (0.16, 0.21)	0.27 (0.23, 0.31)	-0.08 (-0.13, -0.03)
Somalia	-0.01 (-0.04, 0.02)	-0.04 (-0.05, -0.02)	0.02 (0.00, 0.04)	-0.06 (-0.09, -0.04)
South Africa	0.16 (0.16, 0.17)	0.10 (0.10, 0.11)	0.22 (0.20, 0.23)	-0.11 (-0.12, -0.10)
South Sudan	0.09 (0.07, 0.10)	0.08 (0.06, 0.10)	0.10 (0.09, 0.12)	-0.02 (-0.05, 0.01)
Spain	0.09 (0.07, 0.11)	0.12 (0.10, 0.14)	0.07 (0.05, 0.08)	0.05 (0.02, 0.08)
Sri Lanka	0.70 (0.66, 0.74)	0.71 (0.67, 0.75)	0.68 (0.64, 0.73)	0.03 (-0.03, 0.09)
Sudan	-0.01 (-0.03, 0.02)	-0.05 (-0.10, -0.01)	0.04 (0.02, 0.05)	-0.09 (-0.14, -0.04)
Suriname	0.19 (0.17, 0.21)	0.12 (0.10, 0.14)	0.26 (0.23, 0.29)	-0.14 (-0.17, -0.11)
Sweden	0.18 (0.17, 0.20)	0.18 (0.17, 0.18)	0.19 (0.17, 0.21)	-0.01 (-0.03, 0.01)
Switzerland	0.06 (0.04, 0.07)	0.06 (0.05, 0.07)	0.05 (0.03, 0.07)	0.01 (-0.02, 0.04)
Syrian Arab Republic	0.21 (0.20, 0.23)	0.14 (0.12, 0.16)	0.27 (0.26, 0.28)	-0.13 (-0.16, -0.11)
Taiwan (Province of China)	0.20 (0.18, 0.22)	0.23 (0.21, 0.25)	0.17 (0.15, 0.18)	0.07 (0.04, 0.09)
Tajikistan	0.05 (0.03, 0.06)	-0.04 (-0.06, -0.01)	0.13 (0.12, 0.15)	-0.17 (-0.20, -0.14)
Thailand	0.22 (0.17, 0.26)	0.24 (0.22, 0.26)	0.19 (0.13, 0.25)	0.05 (-0.02, 0.11)
Timor-Leste	0.16 (0.12, 0.20)	0.22 (0.17, 0.27)	0.10 (0.07, 0.12)	0.12 (0.06, 0.18)
Togo	0.13 (0.11, 0.15)	0.07 (0.04, 0.11)	0.18 (0.15, 0.20)	-0.11 (-0.15, -0.06)
Tokelau	0.38 (0.34, 0.41)	0.36 (0.35, 0.37)	0.39 (0.38, 0.41)	-0.03 (-0.06, -0.01)
Tonga	0.26 (0.25, 0.28)	0.24 (0.22, 0.27)	0.28 (0.25, 0.31)	-0.04 (-0.07, -0.00)
Trinidad and Tobago	0.18 (0.16, 0.20)	0.14 (0.12, 0.17)	0.21 (0.17, 0.24)	-0.06 (-0.10, -0.02)
Tunisia	0.26 (0.24, 0.27)	0.24 (0.23, 0.26)	0.27 (0.25, 0.28)	-0.02 (-0.04, -0.00)
Turkey	0.21 (0.19, 0.23)	0.23 (0.20, 0.25)	0.20 (0.18, 0.23)	0.02 (-0.01, 0.06)
Turkmenistan	0.28 (0.27, 0.29)	0.21 (0.19, 0.24)	0.34 (0.32, 0.37)	-0.13 (-0.17, -0.10)
Tuvalu	0.36 (0.33, 0.38)	0.32 (0.29, 0.34)	0.39 (0.37, 0.41)	-0.07 (-0.11, -0.04)
Uganda	0.19 (0.17, 0.21)	0.24 (0.22, 0.25)	0.14 (0.12, 0.16)	0.09 (0.07, 0.12)
Ukraine	0.12 (0.10, 0.13)	0.06 (0.02, 0.10)	0.16 (0.15, 0.18)	-0.10 (-0.15, -0.06)
United Arab Emirates	0.06 (0.03, 0.08)	0.01 (-0.01, 0.02)	0.24 (0.22, 0.26)	-0.23 (-0.26, -0.20)
United Kingdom	0.11 (0.09, 0.13)	0.12 (0.10, 0.14)	0.09 (0.07, 0.11)	0.03 (-0.00, 0.05)
United Republic of Tanzania	0.21 (0.18, 0.23)	0.23 (0.22, 0.24)	0.19 (0.17, 0.21)	0.04 (0.02, 0.06)
United States of America	0.19 (0.17, 0.21)	0.18 (0.16, 0.20)	0.19 (0.16, 0.22)	-0.01 (-0.04, 0.03)

United States Virgin Islands	0.17 (0.14, 0.20)	0.16 (0.13, 0.19)	0.18 (0.15, 0.21)	-0.02 (-0.06, 0.02)
Uruguay	0.20 (0.18, 0.21)	0.11 (0.10, 0.13)	0.27 (0.25, 0.28)	-0.15 (-0.17, -0.13)
Uzbekistan	0.23 (0.22, 0.24)	0.14 (0.13, 0.15)	0.32 (0.30, 0.33)	-0.18 (-0.20, -0.16)
Vanuatu	0.60 (0.58, 0.62)	0.62 (0.61, 0.63)	0.58 (0.55, 0.61)	0.04 (0.01, 0.08)
Venezuela (Bolivarian Republic of)	0.11 (0.09, 0.13)	-0.00 (-0.02, 0.01)	0.21 (0.18, 0.24)	-0.21 (-0.25, -0.18)
Viet Nam	0.33 (0.31, 0.36)	0.42 (0.40, 0.43)	0.25 (0.23, 0.27)	0.16 (0.14, 0.19)
Yemen	-0.02 (-0.04, -0.01)	-0.08 (-0.10, -0.07)	0.04 (0.01, 0.07)	-0.12 (-0.15, -0.09)
Zambia	0.09 (0.07, 0.10)	0.11 (0.09, 0.13)	0.07 (0.06, 0.09)	0.03 (0.01, 0.06)
Zimbabwe	0.07 (0.05, 0.09)	-0.04 (-0.06, -0.01)	0.15 (0.12, 0.18)	-0.19 (-0.22, -0.15)

48 Notes: \*mean difference with 95% confidence intervals in AAPCs of FPG levels between males and females

49 **Table S5 Global rates of deaths and disability-adjusted life-years (DALYs) attributable to high fasting plasma glucose (FPG) by sex and age group in**  
50 **2019**

Measure	Age	Both (per 100,000)	Male (per 100,000)	Female (per 100,000)	Difference*
<b>Deaths</b>	All ages	84.02 (66.05, 108.09)	87.97 (69.67, 111.82)	80.05 (62.28, 103.24)	7.92 (-21.47, 37.30)
	<5	0.42 (0.33, 0.54)	0.46 (0.35, 0.63)	0.37 (0.28, 0.46)	0.09 (-0.07, 0.26)
	5-9	0.20 (0.17, 0.25)	0.17 (0.14, 0.24)	0.23 (0.17, 0.30)	-0.06 (-0.14, 0.02)
	10-14	0.24 (0.19, 0.29)	0.20 (0.16, 0.25)	0.28 (0.21, 0.35)	-0.08 (-0.16, 0.01)
	15-19	0.65 (0.56, 0.78)	0.63 (0.52, 0.77)	0.68 (0.58, 0.81)	-0.05 (-0.22, 0.11)
	20-24	1.11 (0.93, 1.32)	1.22 (1.01, 1.48)	0.99 (0.82, 1.18)	0.23 (-0.07, 0.53)
	25-29	2.82 (2.14, 3.69)	3.30 (2.42, 4.46)	2.33 (1.80, 2.96)	0.97 (-0.20, 2.14)
	30-34	5.10 (3.94, 6.55)	6.50 (4.96, 8.63)	3.67 (2.88, 4.55)	2.83 (0.82, 4.85)
	35-39	8.85 (7.08, 10.93)	11.21 (8.81, 13.97)	6.45 (5.24, 7.82)	4.76 (1.88, 7.65)
	40-44	16.47 (13.36, 20.33)	20.61 (16.27, 25.77)	12.27 (10.03, 14.88)	8.34 (3.00, 13.67)
	45-49	30.55 (25.19, 37.29)	38.50 (30.57, 47.91)	22.50 (18.55, 27.40)	16.00 (6.27, 25.73)
	50-54	59.62 (49.03, 72.69)	73.66 (59.23, 91.74)	45.69 (37.86, 55.11)	27.98 (9.57, 46.38)
	55-59	109.71 (89.85, 133.61)	139.13 (110.96, 172.26)	81.15 (66.11, 98.03)	57.98 (23.43, 92.54)
	60-64	191.40 (153.52, 235.09)	235.37 (183.64, 297.18)	149.69 (121.23, 181.18)	85.68 (21.49, 149.87)
	65-69	298.95 (230.24, 380.11)	361.82 (269.05, 466.68)	241.38 (188.92, 303.85)	120.44 (6.14, 234.75)
	70-74	476.05 (362.37, 615.71)	568.69 (420.12, 749.49)	393.58 (303.97, 507.85)	175.11 (-18.57, 368.80)
	75-79	747.01 (574.08, 983.25)	870.95 (660.13, 1158.82)	645.51 (503.16, 841.03)	225.45 (-75.73, 526.63)
	80-84	1135.17 (753.12, 1701.67)	1299.98 (851.74, 1945.23)	1017.09 (686.77, 1504.68)	282.89 (-399.88, 965.65)
	85-89	1718.79 (1120.89, 2592.65)	2017.42 (1313.70, 3068.66)	1540.01 (1013.87, 2333.57)	477.41 (-620.48, 1575.31)
90-94	2440.69 (1560.88, 3726.85)	2781.13 (1774.54, 4281.40)	2284.23 (1471.99, 3559.40)	496.90 (-1134.18, 2127.98)	
95+	3516.95 (2207.70, 5440.92)	3827.05 (2349.21, 5930.86)	3403.77 (2155.19, 5299.42)	423.27 (-1959.70, 2806.25)	
<b>DALYs</b>	All ages	2223.84 (1842.14, 2648.23)	2430.70 (2007.28, 2897.49)	2015.67 (1673.46, 2430.37)	415.03 (-169.22, 999.27)
	<5	37.73 (29.67, 48.26)	41.90 (31.81, 56.10)	33.28 (25.58, 41.56)	8.62 (-5.92, 23.15)
	5-9	21.06 (17.30, 25.43)	18.84 (15.18, 24.11)	23.43 (17.81, 29.68)	-4.59 (-12.02, 2.84)

10-14	26.39 (21.33, 32.26)	23.49 (18.67, 29.56)	29.48 (23.05, 36.43)	-5.99 (-14.62, 2.64)
15-19	73.99 (61.57, 89.97)	70.62 (57.04, 87.62)	77.54 (64.42, 93.89)	-6.93 (-28.16, 14.31)
20-24	132.87 (107.86, 168.22)	140.11 (114.32, 176.07)	125.42 (100.81, 159.44)	14.69 (-27.89, 57.27)
25-29	293.08 (226.55, 377.58)	325.58 (247.02, 424.33)	260.15 (204.26, 330.10)	65.43 (-43.28, 174.15)
30-34	482.15 (379.13, 606.31)	573.80 (449.20, 727.60)	389.08 (306.12, 485.13)	184.72 (19.23, 350.22)
35-39	763.29 (615.07, 935.25)	911.65 (726.19, 1113.62)	612.66 (492.81, 748.77)	298.99 (66.82, 531.16)
40-44	1239.16 (998.23, 1512.14)	1480.77 (1177.85, 1812.69)	993.55 (799.42, 1207.69)	487.22 (109.83, 864.61)
45-49	1987.45 (1623.52, 2395.18)	2389.28 (1932.05, 2918.57)	1580.60 (1293.99, 1914.36)	808.68 (226.00, 1391.36)
50-54	3235.48 (2675.17, 3918.30)	3838.39 (3133.36, 4689.23)	2637.10 (2175.65, 3204.10)	1201.29 (268.75, 2133.82)
55-59	4989.85 (4155.14, 5979.88)	6035.49 (4986.11, 7327.88)	3974.69 (3279.58, 4782.99)	2060.80 (669.39, 3452.21)
60-64	7228.97 (5956.07, 8802.53)	8550.34 (6964.21, 10566.28)	5975.37 (4885.45, 7133.77)	2574.98 (451.90, 4698.06)
65-69	9330.20 (7432.43, 11555.74)	10905.06 (8579.73, 13695.65)	7887.79 (6394.22, 9674.17)	3017.26 (-21.27, 6055.80)
70-74	11869.38 (9302.32, 15084.39)	13767.66 (10541.69, 17712.82)	10179.75 (8105.07, 12729.21)	3587.91 (-678.46, 7854.29)
75-79	14339.13 (11353.25, 18087.00)	16363.71 (12878.64, 20983.37)	12681.03 (10172.11, 15927.06)	3682.68 (-1287.38, 8652.74)
80-84	16311.41 (11402.85, 23191.81)	18396.28 (12745.50, 26507.17)	14817.73 (10401.68, 20877.24)	3578.54 (-5069.01, 12226.10)
85-89	18401.52 (12616.82, 26456.16)	21277.81 (14495.54, 30552.59)	16679.48 (11432.37, 23918.59)	4598.33 (-5571.90, 14768.56)
90-94	19854.28 (13314.40, 29403.05)	22541.44 (14918.49, 32935.56)	18619.35 (12364.70, 27631.81)	3922.09 (-7885.74, 15729.92)
95+	21175.31 (13855.94, 31493.55)	23244.10 (15036.46, 34632.10)	20420.21 (13442.45, 30475.77)	2823.89 (-10158.06, 15805.83)

51 Notes: \*mean difference with 95% confidence intervals in rates of high-FPG-related deaths and DALYs between males and females

52 **Table S6 Age-standardized rates of deaths and disability-adjusted life-years (DALYs) attributable to high fasting plasma glucose (FPG) by location in**  
53 **2019**

Measure	Location	Both (per 100,000)	Male (per 100,000)	Female (per 100,000)	Difference*
<b>Deaths</b>	<b>Global</b>	83.00 (64.53, 107.07)	98.37 (76.51, 127.71)	70.40 (54.84, 90.72)	27.97 (-3.29, 59.23)
	<b>World Bank income levels</b>				
	World Bank Low Income	106.74 (86.31, 132.39)	123.36 (98.63, 153.75)	93.70 (74.95, 117.17)	29.65 (-5.06, 64.37)
	World Bank Lower Middle Income	123.32 (96.84, 158.00)	139.95 (108.34, 182.27)	108.33 (85.16, 138.44)	31.63 (-13.94, 77.19)
	World Bank Upper Middle Income	75.97 (58.14, 100.52)	90.91 (69.11, 122.89)	64.47 (49.06, 84.75)	26.44 (-5.83, 58.71)
	World Bank High Income	53.65 (39.53, 71.82)	66.91 (49.22, 88.97)	42.85 (30.94, 58.61)	24.07 (-0.15, 48.28)
	<b>SDI regions</b>				
	Low SDI	107.30 (86.72, 134.62)	122.09 (96.44, 156.17)	93.84 (74.75, 117.99)	28.25 (-8.62, 65.12)
	Low-middle SDI	112.59 (88.77, 143.03)	130.29 (101.21, 169.05)	96.95 (76.38, 122.21)	33.34 (-7.59, 74.28)
	Middle SDI	98.14 (77.05, 126.13)	112.98 (88.26, 147.18)	85.64 (67.10, 110.12)	27.34 (-9.14, 63.82)
	High-middle SDI	72.90 (54.58, 98.08)	88.32 (66.20, 119.44)	61.29 (45.06, 83.04)	27.03 (-5.67, 59.73)
	High SDI	51.27 (37.62, 68.37)	64.32 (47.56, 85.05)	40.62 (29.36, 55.19)	23.70 (0.94, 46.46)
	<b>GBD super-regions</b>				
	Central Europe, Eastern Europe, and Central Asia	98.91 (71.05, 135.55)	124.96 (89.28, 171.85)	81.56 (58.10, 114.48)	43.39 (-6.60, 93.39)
	High-income	50.51 (37.02, 68.00)	63.36 (46.62, 84.70)	40.20 (28.81, 54.78)	23.16 (0.12, 46.21)
	Latin America and Caribbean	96.50 (78.44, 118.33)	108.98 (87.89, 135.65)	85.92 (70.02, 105.62)	23.06 (-6.73, 52.84)
	North Africa and Middle East	143.83 (105.00, 195.54)	146.41 (105.63, 197.13)	140.95 (104.22, 192.01)	5.45 (-57.95, 68.86)
	South Asia	112.40 (86.51, 144.45)	129.61 (97.09, 172.34)	96.11 (72.71, 123.22)	33.50 (-11.81, 78.82)
	Southeast Asia, East Asia, and Oceania	76.44 (59.12, 100.97)	93.13 (70.12, 126.85)	64.18 (48.67, 84.17)	28.94 (-4.52, 62.41)
	Sub-Saharan Africa	108.08 (88.07, 133.14)	124.37 (101.69, 152.45)	94.57 (76.44, 118.00)	29.80 (-3.01, 62.60)
	<b>GBD countries and territories</b>				
	Afghanistan	245.47 (174.13, 335.05)	218.05 (151.73, 302.36)	271.86 (192.95, 378.03)	-53.81 (-173.12, 65.50)
	Albania	51.59 (33.62, 76.04)	63.02 (40.65, 95.49)	42.42 (27.59, 62.49)	20.60 (-11.90, 53.10)
	Algeria	156.69 (104.10, 226.29)	146.96 (98.45, 214.45)	174.76 (114.31, 258.50)	-27.80 (-120.33, 64.73)

American Samoa	232.51 (191.12, 282.82)	254.85 (213.61, 302.08)	210.68 (166.01, 264.43)	44.17 (-21.99, 110.34)
Andorra	35.10 (21.44, 52.19)	45.36 (28.44, 67.79)	25.80 (15.25, 39.96)	19.56 (-3.68, 42.79)
Angola	123.21 (95.32, 160.16)	170.71 (134.35, 217.44)	87.83 (63.82, 120.18)	82.88 (32.68, 133.08)
Antigua and Barbuda	142.98 (115.86, 175.71)	143.75 (115.52, 177.84)	142.36 (115.50, 175.07)	1.39 (-41.71, 44.50)
Argentina	71.27 (55.11, 92.93)	93.68 (71.60, 122.22)	54.64 (41.97, 72.06)	39.04 (9.59, 68.49)
Armenia	134.79 (92.37, 200.21)	151.18 (103.20, 223.32)	121.35 (81.36, 186.22)	29.82 (-49.90, 109.55)
Australia	37.26 (25.71, 53.16)	47.90 (33.07, 67.78)	28.29 (18.72, 42.12)	19.60 (-1.33, 40.54)
Austria	51.16 (35.50, 72.94)	66.47 (45.11, 97.95)	39.64 (26.67, 58.79)	26.82 (-4.09, 57.74)
Azerbaijan	221.00 (139.97, 329.41)	235.50 (146.55, 352.83)	208.05 (130.75, 318.07)	27.46 (-111.86, 166.78)
Bahamas	114.35 (88.86, 148.59)	130.28 (99.65, 169.96)	101.71 (78.49, 131.33)	28.57 (-15.40, 72.54)
Bahrain	233.64 (185.85, 286.26)	232.58 (182.10, 291.98)	234.03 (186.41, 286.92)	-1.45 (-75.91, 73.00)
Bangladesh	90.06 (67.45, 119.89)	89.55 (65.70, 123.40)	90.75 (64.24, 121.70)	-1.20 (-41.91, 39.51)
Barbados	127.92 (102.51, 156.76)	125.09 (99.67, 153.96)	129.15 (102.50, 160.62)	-4.05 (-43.82, 35.72)
Belarus	69.18 (44.01, 103.57)	97.10 (61.76, 146.39)	53.79 (32.88, 82.83)	43.31 (-5.82, 92.45)
Belgium	39.43 (26.73, 56.54)	49.01 (32.09, 72.45)	31.82 (21.21, 47.41)	17.19 (-6.88, 41.25)
Belize	117.98 (97.85, 141.25)	116.00 (93.82, 143.16)	119.92 (100.26, 141.95)	-3.93 (-36.23, 28.37)
Benin	118.89 (90.16, 156.55)	127.30 (94.04, 167.71)	112.56 (85.24, 148.13)	14.74 (-33.69, 63.17)
Bermuda	62.48 (45.18, 87.23)	92.32 (65.85, 127.13)	41.33 (29.00, 59.60)	51.00 (16.75, 85.25)
Bhutan	97.98 (73.27, 130.38)	102.29 (70.98, 141.96)	93.55 (71.00, 124.79)	8.74 (-35.79, 53.27)
Bolivia (Plurinational State of)	120.47 (91.77, 156.53)	120.84 (85.74, 164.19)	120.34 (93.06, 155.14)	0.50 (-49.52, 50.52)
Bosnia and Herzegovina	157.98 (108.72, 220.61)	175.77 (122.02, 245.82)	142.94 (96.91, 205.16)	32.83 (-49.40, 115.05)
Botswana	202.54 (154.54, 261.22)	226.82 (173.09, 290.01)	184.94 (134.92, 253.64)	41.88 (-41.43, 125.19)
Brazil	77.05 (63.01, 96.74)	90.26 (72.64, 115.79)	66.49 (54.22, 83.04)	23.77 (-2.18, 49.71)
Brunei Darussalam	197.31 (158.17, 244.31)	272.13 (216.40, 342.04)	160.50 (128.53, 200.80)	111.63 (39.15, 184.10)
Bulgaria	142.09 (91.18, 213.79)	175.52 (111.19, 266.83)	116.65 (72.66, 184.90)	58.86 (-37.08, 154.80)
Burkina Faso	116.81 (89.65, 151.12)	140.47 (105.39, 182.75)	98.39 (74.10, 129.37)	42.08 (-5.46, 89.62)
Burundi	100.39 (76.10, 132.19)	125.02 (93.73, 167.51)	76.54 (56.84, 100.85)	48.48 (5.53, 91.43)
Cabo Verde	120.33 (90.14, 156.73)	138.46 (103.90, 180.46)	107.32 (79.77, 141.93)	31.14 (-18.17, 80.44)
Cambodia	143.10 (108.40, 186.27)	165.03 (121.90, 217.58)	128.67 (96.80, 167.88)	36.36 (-23.24, 95.95)



Cameroon	121.32 (95.73, 156.93)	138.17 (104.71, 180.31)	107.71 (83.63, 141.17)	30.46 (-17.04, 77.96)
Canada	40.57 (28.73, 57.66)	52.44 (36.62, 73.88)	30.93 (21.18, 46.30)	21.51 (-0.96, 43.98)
Central African Republic	176.37 (130.52, 234.67)	244.26 (185.70, 312.91)	125.99 (83.96, 184.70)	118.27 (37.14, 199.40)
Chad	110.97 (84.37, 145.38)	112.67 (83.86, 148.88)	109.76 (81.85, 147.20)	2.91 (-43.19, 49.01)
Chile	62.29 (48.62, 79.81)	72.16 (56.50, 92.37)	54.06 (40.74, 70.61)	18.10 (-5.24, 41.44)
China	61.52 (45.26, 84.80)	80.02 (56.38, 114.84)	48.89 (34.09, 67.22)	31.13 (-2.46, 64.73)
Colombia	62.36 (42.29, 88.90)	69.86 (46.87, 100.16)	56.15 (38.16, 80.44)	13.71 (-20.30, 47.72)
Comoros	89.36 (69.54, 119.35)	106.94 (78.97, 144.11)	75.94 (58.12, 102.89)	31.00 (-8.52, 70.52)
Congo	149.58 (114.44, 195.60)	171.71 (132.11, 221.48)	130.95 (97.26, 179.14)	40.76 (-19.85, 101.36)
Cook Islands	196.55 (162.46, 235.62)	219.45 (184.21, 260.90)	173.94 (139.19, 218.43)	45.51 (-9.63, 100.65)
Costa Rica	62.67 (43.25, 87.10)	76.75 (52.32, 107.22)	50.82 (35.06, 72.35)	25.93 (-7.25, 59.11)
Côte d'Ivoire	120.12 (91.51, 154.71)	129.10 (96.34, 167.34)	111.68 (85.08, 145.48)	17.41 (-29.20, 64.02)
Croatia	97.34 (62.43, 144.74)	124.84 (79.53, 185.42)	78.19 (47.78, 123.19)	46.65 (-18.35, 111.65)
Cuba	77.91 (53.35, 109.78)	90.15 (61.75, 127.37)	66.98 (44.79, 97.21)	23.17 (-18.82, 65.17)
Cyprus	92.08 (68.07, 124.80)	102.10 (75.78, 139.00)	80.51 (58.00, 110.60)	21.59 (-19.53, 62.71)
Czechia	105.86 (69.42, 152.55)	130.00 (86.46, 185.02)	86.72 (54.78, 129.80)	43.28 (-18.65, 105.21)
Democratic People's Republic of Korea	74.02 (55.71, 99.09)	88.12 (66.42, 122.22)	65.84 (48.51, 91.86)	22.28 (-13.06, 57.61)
Democratic Republic of the Congo	116.63 (86.59, 155.77)	155.48 (119.60, 200.50)	89.45 (61.67, 130.03)	66.03 (13.07, 119.00)
Denmark	41.50 (29.82, 57.00)	50.40 (36.80, 68.00)	33.95 (22.75, 49.79)	16.45 (-4.19, 37.10)
Djibouti	106.49 (82.32, 144.28)	130.99 (100.00, 176.54)	81.76 (61.88, 110.66)	49.22 (3.84, 94.61)
Dominica	151.67 (120.25, 191.65)	152.27 (118.65, 190.77)	148.55 (118.07, 186.75)	3.72 (-46.07, 53.51)
Dominican Republic	107.42 (74.84, 150.28)	122.25 (82.21, 172.31)	93.50 (65.58, 133.01)	28.74 (-27.52, 85.01)
Ecuador	98.04 (73.92, 131.81)	102.27 (75.08, 140.32)	94.00 (71.57, 123.49)	8.27 (-33.42, 49.96)
Egypt	193.70 (127.29, 273.85)	169.32 (107.58, 242.53)	242.45 (160.55, 348.23)	-73.13 (-188.71, 42.46)
El Salvador	115.64 (83.32, 155.22)	136.70 (98.35, 185.01)	100.27 (72.22, 134.82)	36.43 (-17.02, 89.88)
Equatorial Guinea	130.38 (94.75, 175.59)	166.10 (123.12, 216.96)	106.62 (75.07, 150.14)	59.48 (-0.60, 119.57)
Eritrea	113.62 (86.51, 149.38)	146.48 (102.20, 192.80)	93.74 (67.83, 130.63)	52.74 (-2.38, 107.86)
Estonia	45.60 (29.01, 67.49)	60.18 (38.19, 91.27)	37.05 (23.33, 57.11)	23.13 (-8.33, 54.59)
Eswatini	248.36 (184.81, 325.37)	318.31 (256.21, 387.90)	203.87 (135.57, 283.36)	114.44 (15.46, 213.42)

Ethiopia	74.23 (60.76, 91.72)	85.90 (67.36, 109.61)	62.02 (48.83, 77.03)	23.88 (-1.52, 49.28)
Fiji	420.12 (336.53, 520.27)	487.02 (391.44, 603.16)	376.44 (302.17, 463.13)	110.58 (-22.40, 243.56)
Finland	61.43 (38.85, 93.54)	77.18 (48.58, 116.67)	48.96 (29.73, 75.02)	28.22 (-12.66, 69.11)
France	23.25 (17.15, 31.35)	29.51 (22.20, 39.78)	18.36 (13.04, 25.43)	11.15 (0.40, 21.90)
Gabon	160.83 (125.57, 201.70)	222.70 (176.33, 272.34)	112.69 (82.96, 149.89)	110.01 (51.49, 168.53)
Gambia	120.98 (90.24, 159.30)	127.18 (94.95, 169.58)	115.71 (83.40, 155.78)	11.47 (-40.52, 63.45)
Georgia	157.16 (113.36, 221.42)	216.78 (156.35, 303.15)	117.90 (81.79, 171.00)	98.88 (12.99, 184.77)
Germany	66.54 (45.38, 93.62)	79.87 (54.61, 113.27)	55.38 (37.21, 78.60)	24.49 (-11.40, 60.39)
Ghana	139.16 (107.72, 180.92)	157.10 (123.89, 198.92)	125.78 (94.20, 169.40)	31.31 (-21.80, 84.43)
Greece	54.29 (36.81, 79.47)	68.66 (46.00, 99.10)	42.09 (27.63, 64.81)	26.57 (-5.85, 58.98)
Greenland	72.82 (48.74, 105.63)	96.59 (65.21, 135.38)	48.06 (29.62, 75.25)	48.53 (6.68, 90.38)
Grenada	176.73 (149.15, 212.11)	189.39 (158.24, 227.79)	163.19 (136.86, 195.17)	26.20 (-19.18, 71.58)
Guam	112.60 (81.27, 149.71)	129.17 (91.86, 174.64)	98.59 (72.33, 132.61)	30.58 (-20.62, 81.78)
Guatemala	146.05 (109.58, 189.89)	152.95 (111.04, 200.07)	143.48 (108.81, 186.96)	9.46 (-49.77, 68.70)
Guinea-Bissau	151.82 (113.56, 200.01)	164.42 (123.84, 217.08)	142.49 (105.69, 191.59)	21.93 (-41.46, 85.32)
Guinea	114.52 (85.76, 150.39)	113.37 (84.24, 152.26)	116.25 (86.25, 153.17)	-2.88 (-50.60, 44.83)
Guyana	254.54 (193.94, 324.09)	269.89 (200.61, 347.20)	239.41 (183.64, 302.40)	30.48 (-63.85, 124.81)
Haiti	218.74 (158.99, 302.63)	180.89 (128.49, 253.31)	252.49 (183.40, 350.48)	-71.60 (-175.87, 32.68)
Honduras	145.00 (108.21, 194.79)	156.60 (115.18, 210.36)	134.60 (97.91, 182.32)	22.00 (-41.60, 85.61)
Hungary	108.68 (70.42, 162.20)	142.34 (93.00, 206.76)	86.14 (53.30, 133.02)	56.21 (-13.25, 125.66)
Iceland	35.14 (22.24, 52.09)	52.03 (31.75, 79.19)	21.34 (12.59, 33.35)	30.69 (4.80, 56.58)
India	111.40 (84.87, 144.23)	132.39 (97.78, 180.37)	92.13 (67.27, 120.52)	40.26 (-8.88, 89.39)
Indonesia	141.91 (107.56, 181.09)	160.19 (120.59, 213.13)	126.92 (91.82, 167.72)	33.27 (-26.57, 93.12)
Iran (Islamic Republic of)	109.54 (80.75, 150.69)	107.64 (79.82, 148.92)	112.19 (81.53, 156.09)	-4.55 (-55.38, 46.28)
Iraq	206.00 (152.78, 266.93)	234.63 (171.91, 305.65)	179.31 (131.49, 238.59)	55.31 (-30.36, 140.98)
Ireland	46.44 (30.93, 67.52)	62.40 (41.34, 91.25)	33.79 (21.72, 52.53)	28.60 (-0.72, 57.93)
Israel	58.42 (45.80, 74.02)	66.71 (51.68, 85.60)	51.15 (38.76, 65.39)	15.56 (-6.00, 37.12)
Italy	52.73 (37.94, 73.27)	66.12 (46.81, 91.86)	42.54 (29.88, 59.50)	23.58 (-3.38, 50.53)
Jamaica	153.57 (119.67, 193.83)	151.94 (116.48, 195.91)	154.32 (121.71, 193.39)	-2.38 (-55.87, 51.11)

Japan	21.22 (14.86, 30.20)	30.40 (21.45, 43.19)	14.04 (9.44, 20.35)	16.36 (4.20, 28.53)
Jordan	127.64 (99.48, 162.46)	128.31 (95.22, 170.42)	126.98 (95.97, 168.04)	1.34 (-50.74, 53.42)
Kazakhstan	165.04 (110.87, 239.99)	183.07 (122.80, 269.88)	151.12 (100.26, 226.12)	31.96 (-64.83, 128.75)
Kenya	79.01 (63.52, 99.07)	109.59 (85.65, 140.41)	55.92 (43.29, 72.64)	53.67 (22.61, 84.73)
Kiribati	435.35 (346.98, 540.47)	521.31 (412.43, 646.21)	369.81 (286.64, 464.90)	151.50 (4.50, 298.49)
Kuwait	86.91 (64.98, 114.92)	101.84 (73.53, 136.96)	64.65 (47.13, 87.79)	37.19 (-0.48, 74.86)
Kyrgyzstan	70.88 (46.12, 112.75)	80.60 (54.14, 119.76)	63.40 (39.75, 107.96)	17.19 (-30.13, 64.52)
Lao People's Democratic Republic	181.09 (137.82, 236.53)	190.20 (142.63, 250.15)	173.07 (132.17, 223.32)	17.14 (-53.34, 87.62)
Latvia	65.45 (45.63, 93.25)	81.52 (54.52, 116.38)	55.52 (37.16, 83.80)	26.00 (-12.74, 64.73)
Lebanon	140.72 (92.59, 197.38)	179.99 (117.66, 252.50)	108.86 (70.87, 156.83)	71.12 (-8.83, 151.08)
Lesotho	236.55 (176.85, 306.58)	265.25 (210.06, 331.63)	213.62 (146.31, 286.89)	51.63 (-41.30, 144.56)
Liberia	121.22 (89.40, 159.39)	116.85 (84.24, 157.00)	125.77 (93.10, 166.22)	-8.91 (-60.49, 42.66)
Libya	131.09 (90.90, 187.90)	134.94 (90.63, 203.68)	127.02 (90.99, 179.27)	7.92 (-63.79, 79.64)
Lithuania	48.53 (31.26, 71.70)	66.48 (43.34, 96.81)	37.81 (23.75, 57.43)	28.67 (-2.92, 60.27)
Luxembourg	50.27 (32.90, 72.66)	62.42 (41.29, 88.99)	40.55 (26.02, 59.60)	21.87 (-7.29, 51.04)
Madagascar	92.71 (68.76, 126.03)	113.15 (80.21, 161.03)	75.52 (56.06, 102.42)	37.63 (-8.96, 84.22)
Malawi	108.25 (84.64, 137.77)	152.78 (121.37, 190.46)	78.04 (57.43, 105.45)	74.74 (32.67, 116.81)
Malaysia	108.33 (76.95, 149.79)	113.19 (79.21, 156.42)	103.57 (72.62, 146.53)	9.61 (-43.83, 63.05)
Maldives	98.23 (70.98, 132.42)	110.16 (80.10, 150.21)	84.60 (61.16, 115.76)	25.56 (-18.87, 69.99)
Mali	107.47 (81.88, 141.23)	91.85 (65.89, 124.87)	124.37 (92.32, 162.56)	-32.52 (-78.38, 13.33)
Malta	68.07 (46.76, 96.63)	81.97 (55.54, 115.75)	56.86 (38.34, 82.32)	25.11 (-12.17, 62.39)
Marshall Islands	336.03 (255.61, 437.65)	324.03 (242.60, 425.53)	350.68 (263.55, 465.27)	-26.65 (-162.80, 109.51)
Mauritania	78.46 (60.09, 101.47)	62.42 (46.15, 83.71)	95.15 (71.48, 123.73)	-32.74 (-64.91, -0.56)
Mauritius	215.24 (172.54, 262.39)	249.65 (199.91, 304.73)	185.29 (148.03, 225.34)	64.36 (-0.77, 129.48)
Mexico	142.84 (116.96, 173.10)	158.41 (123.42, 200.72)	129.12 (101.81, 160.25)	29.30 (-19.15, 77.75)
Micronesia (Federated States of)	396.28 (303.89, 511.41)	423.13 (308.54, 554.67)	366.78 (282.16, 473.09)	56.35 (-99.40, 212.10)
Monaco	41.50 (24.66, 64.65)	52.51 (31.42, 80.15)	32.52 (18.74, 52.44)	19.99 (-9.63, 49.61)
Mongolia	62.13 (43.18, 89.14)	86.31 (59.81, 123.67)	46.34 (31.71, 68.10)	39.96 (3.21, 76.72)
Montenegro	155.04 (109.16, 216.30)	187.91 (129.92, 261.72)	129.52 (91.38, 183.86)	58.40 (-22.11, 138.90)

Morocco	187.15 (128.45, 266.80)	198.57 (135.86, 283.37)	176.24 (122.52, 250.76)	22.33 (-75.39, 120.06)
Mozambique	130.38 (100.13, 170.11)	195.65 (151.35, 245.50)	84.91 (61.48, 118.14)	110.74 (55.80, 165.69)
Myanmar	171.97 (137.63, 219.04)	191.51 (151.11, 246.54)	157.06 (124.73, 201.98)	34.46 (-26.94, 95.85)
Namibia	148.39 (114.30, 193.73)	179.57 (142.77, 227.87)	126.70 (91.75, 172.37)	52.87 (-5.74, 111.48)
Nauru	409.62 (328.29, 519.62)	448.33 (337.72, 584.54)	380.46 (291.95, 497.50)	67.88 (-92.72, 228.48)
Nepal	83.33 (61.30, 114.42)	99.73 (69.67, 144.29)	68.36 (50.11, 91.73)	31.36 (-11.36, 74.08)
Netherlands	37.42 (26.34, 53.96)	44.55 (30.73, 63.86)	31.35 (20.73, 46.16)	13.20 (-7.69, 34.09)
New Zealand	39.56 (27.18, 59.23)	47.79 (33.24, 71.44)	32.49 (21.22, 50.10)	15.31 (-8.64, 39.25)
Nicaragua	159.16 (120.98, 204.43)	189.54 (138.83, 247.52)	135.39 (103.72, 175.26)	54.15 (-10.91, 119.21)
Niger	95.86 (71.38, 128.69)	90.53 (63.20, 124.01)	101.00 (75.66, 135.27)	-10.47 (-53.05, 32.11)
Nigeria	86.45 (63.80, 114.27)	94.73 (66.01, 132.26)	78.69 (55.42, 106.55)	16.04 (-25.80, 57.88)
Niue	278.95 (224.40, 344.80)	319.07 (262.30, 383.02)	243.75 (187.54, 316.24)	75.32 (-12.91, 163.55)
North Macedonia	218.67 (149.83, 311.77)	235.22 (158.37, 335.89)	202.97 (137.10, 292.16)	32.25 (-85.60, 150.11)
Northern Mariana Islands	184.79 (149.50, 225.60)	213.10 (175.52, 257.82)	155.77 (121.49, 198.73)	57.33 (0.89, 113.77)
Norway	42.27 (28.59, 62.24)	51.12 (34.92, 73.76)	34.86 (22.50, 51.98)	16.26 (-8.12, 40.64)
Oman	232.96 (169.06, 315.27)	257.95 (184.27, 350.51)	212.37 (153.93, 291.47)	45.58 (-62.30, 153.46)
Pakistan	157.59 (121.71, 199.13)	159.00 (112.93, 217.05)	156.18 (118.69, 205.78)	2.82 (-65.05, 70.69)
Palau	293.93 (228.04, 370.56)	333.11 (259.19, 423.27)	251.00 (187.31, 319.69)	82.11 (-23.31, 187.52)
Palestine	216.83 (168.32, 286.17)	245.20 (186.64, 326.00)	197.36 (152.37, 262.92)	47.85 (-41.09, 136.79)
Panama	82.42 (60.06, 110.96)	92.60 (67.09, 124.84)	72.88 (53.84, 97.94)	19.72 (-16.61, 56.05)
Papua New Guinea	238.03 (181.82, 306.35)	295.39 (225.80, 374.55)	176.41 (131.03, 236.82)	118.98 (27.72, 210.25)
Paraguay	110.14 (81.60, 146.90)	124.06 (89.99, 167.00)	97.70 (73.30, 128.86)	26.36 (-21.12, 73.84)
Peru	41.21 (29.62, 57.01)	43.47 (29.87, 63.35)	39.08 (28.30, 53.63)	4.39 (-16.60, 25.38)
Philippines	125.59 (98.98, 157.54)	129.82 (97.55, 172.75)	120.55 (89.55, 160.10)	9.28 (-42.28, 60.83)
Poland	84.31 (57.57, 120.35)	105.25 (68.10, 155.45)	68.22 (43.98, 100.90)	37.03 (-15.10, 89.16)
Portugal	61.10 (45.53, 80.31)	72.88 (54.84, 98.24)	51.78 (37.90, 69.54)	21.09 (-5.77, 47.95)
Puerto Rico	90.20 (67.60, 118.19)	105.02 (79.63, 136.55)	77.90 (59.02, 103.02)	27.12 (-8.85, 63.09)
Qatar	266.41 (200.56, 345.47)	238.86 (175.78, 316.19)	361.07 (284.62, 461.12)	-122.21 (-234.97, -9.44)
Republic of Korea	46.88 (35.88, 62.76)	62.06 (46.84, 84.63)	36.13 (26.51, 49.62)	25.93 (3.79, 48.08)

Republic of Moldova	76.20 (49.00, 121.94)	96.61 (63.15, 163.17)	63.05 (39.13, 106.39)	33.56 (-26.70, 93.83)
Romania	68.37 (46.28, 99.97)	86.28 (58.82, 130.36)	54.98 (35.70, 80.48)	31.30 (-10.90, 73.50)
Russian Federation	84.08 (60.48, 119.12)	104.52 (72.89, 149.06)	70.59 (48.20, 103.71)	33.93 (-13.20, 81.06)
Rwanda	97.35 (73.30, 127.05)	118.43 (86.87, 157.33)	83.94 (62.64, 111.05)	34.48 (-8.26, 77.23)
Saint Kitts and Nevis	168.64 (135.62, 210.98)	189.34 (154.01, 235.90)	147.53 (114.50, 188.76)	41.81 (-13.46, 97.08)
Saint Lucia	141.50 (114.64, 172.57)	154.78 (124.41, 190.88)	128.96 (103.88, 158.53)	25.82 (-17.20, 68.85)
Saint Vincent and the Grenadines	187.10 (151.55, 227.59)	185.06 (150.15, 225.33)	188.31 (152.70, 233.27)	-3.24 (-58.34, 51.86)
Samoa	253.02 (199.53, 321.61)	260.09 (211.17, 323.12)	245.16 (183.68, 324.76)	14.93 (-75.12, 104.98)
San Marino	39.69 (21.65, 65.88)	48.85 (27.01, 77.93)	32.01 (17.28, 54.65)	16.84 (-14.74, 48.42)
Sao Tome and Principe	116.98 (83.70, 159.92)	124.40 (90.94, 167.29)	110.59 (76.52, 153.39)	13.80 (-40.37, 67.98)
Saudi Arabia	148.29 (112.06, 194.94)	156.20 (119.17, 206.03)	135.77 (98.76, 183.53)	20.43 (-40.26, 81.11)
Senegal	128.32 (97.69, 164.31)	130.60 (97.40, 169.36)	126.67 (95.70, 164.65)	3.93 (-45.90, 53.76)
Serbia	169.96 (111.86, 249.55)	185.05 (121.50, 265.08)	155.48 (99.37, 235.44)	29.56 (-69.34, 128.47)
Seychelles	123.70 (97.69, 155.94)	134.78 (105.00, 175.22)	111.02 (84.67, 143.49)	23.76 (-22.04, 69.55)
Sierra Leone	82.05 (63.24, 107.65)	70.28 (53.90, 91.35)	92.85 (70.05, 124.90)	-22.57 (-55.78, 10.64)
Singapore	32.42 (23.09, 45.47)	41.96 (28.72, 60.54)	24.71 (17.60, 35.43)	17.24 (-0.99, 35.48)
Slovakia	77.58 (49.24, 118.35)	101.13 (60.62, 161.28)	61.79 (39.02, 94.98)	39.35 (-18.24, 96.94)
Slovenia	40.38 (25.87, 60.53)	58.59 (36.15, 91.48)	28.30 (17.95, 43.57)	30.29 (-0.19, 60.78)
Solomon Islands	408.60 (316.34, 522.81)	438.23 (330.07, 567.93)	376.54 (289.20, 488.57)	61.69 (-93.50, 216.87)
Somalia	122.79 (91.30, 164.92)	162.45 (122.91, 213.05)	97.87 (69.39, 136.48)	64.58 (8.40, 120.76)
South Africa	139.93 (119.70, 165.14)	152.92 (128.76, 181.83)	130.12 (109.43, 155.39)	22.80 (-12.30, 57.91)
South Sudan	87.99 (66.02, 116.99)	106.56 (78.70, 143.91)	67.06 (50.09, 91.39)	39.49 (0.90, 78.09)
Spain	44.77 (31.10, 62.88)	55.88 (38.55, 77.79)	35.77 (24.39, 50.86)	20.11 (-3.55, 43.78)
Sri Lanka	143.04 (103.11, 191.76)	163.85 (117.60, 222.13)	126.79 (92.45, 170.27)	37.06 (-28.10, 102.22)
Sudan	172.54 (120.65, 252.16)	179.64 (122.14, 267.91)	164.10 (113.52, 239.30)	15.54 (-80.73, 111.81)
Suriname	147.47 (116.94, 185.52)	169.42 (132.78, 214.47)	128.41 (101.54, 161.71)	41.01 (-9.72, 91.74)
Sweden	46.68 (31.99, 68.04)	58.15 (39.62, 85.18)	37.01 (23.70, 56.81)	21.14 (-7.03, 49.30)
Switzerland	35.98 (24.51, 53.76)	43.88 (29.98, 65.48)	29.76 (19.37, 46.16)	14.12 (-8.12, 36.36)
Syrian Arab Republic	197.04 (122.77, 295.75)	197.72 (124.20, 296.57)	210.80 (128.32, 326.15)	-13.09 (-144.28, 118.11)

	Taiwan (Province of China)	65.29 (48.94, 88.48)	74.41 (55.42, 101.43)	57.04 (42.76, 76.14)	17.37 (-11.05, 45.79)
	Tajikistan	232.15 (150.58, 344.89)	256.56 (160.99, 392.06)	210.92 (139.56, 314.62)	45.64 (-99.31, 190.60)
	Thailand	66.12 (46.87, 89.92)	72.56 (50.36, 100.87)	60.70 (43.64, 82.81)	11.86 (-20.10, 43.82)
	Timor-Leste	148.14 (107.71, 202.25)	152.86 (107.55, 213.72)	143.76 (105.76, 194.61)	9.10 (-60.12, 78.32)
	Togo	84.49 (67.08, 106.95)	97.26 (76.49, 122.80)	76.14 (59.31, 97.13)	21.12 (-8.78, 51.01)
	Tokelau	236.25 (184.86, 302.43)	187.04 (146.05, 238.15)	284.71 (213.71, 371.22)	-97.67 (-188.90, -6.44)
	Tonga	206.05 (165.36, 254.70)	229.31 (181.39, 279.98)	186.77 (148.07, 235.12)	42.54 (-23.22, 108.30)
	Trinidad and Tobago	190.08 (141.76, 250.50)	212.23 (158.36, 282.49)	169.65 (127.21, 219.91)	42.58 (-34.88, 120.05)
	Tunisia	131.82 (84.52, 193.66)	155.00 (98.16, 230.26)	111.28 (70.78, 164.81)	43.72 (-37.35, 124.79)
	Turkey	88.58 (63.57, 124.55)	94.90 (64.60, 136.70)	82.65 (58.74, 116.35)	12.25 (-33.89, 58.40)
	Turkmenistan	141.55 (89.38, 217.84)	172.09 (102.87, 276.34)	119.68 (73.72, 185.23)	52.41 (-50.70, 155.52)
	Tuvalu	300.40 (227.10, 402.65)	294.65 (225.00, 397.31)	302.81 (225.23, 408.63)	-8.16 (-133.98, 117.66)
	Uganda	107.42 (83.24, 137.20)	147.03 (112.46, 187.53)	80.54 (59.79, 107.10)	66.50 (22.13, 110.86)
	Ukraine	91.70 (60.39, 134.51)	124.49 (82.75, 181.11)	72.73 (44.47, 111.06)	51.76 (-7.63, 111.15)
	United Arab Emirates	179.81 (134.63, 230.47)	187.61 (138.47, 244.82)	161.03 (121.83, 213.06)	26.58 (-43.48, 96.64)
	United Kingdom	53.14 (35.80, 76.09)	64.50 (43.74, 91.00)	43.42 (27.74, 63.23)	21.08 (-8.47, 50.63)
	United Republic of Tanzania	91.16 (71.07, 117.08)	115.32 (86.85, 155.14)	72.03 (55.93, 96.04)	43.28 (3.69, 82.88)
	United States of America	72.73 (54.24, 95.39)	89.28 (66.84, 115.98)	59.32 (43.56, 79.82)	29.97 (-0.57, 60.50)
	United States Virgin Islands	152.14 (115.47, 195.02)	193.46 (145.17, 248.74)	118.79 (88.87, 156.88)	74.67 (12.73, 136.62)
	Uruguay	54.42 (42.49, 70.69)	78.15 (58.90, 105.06)	38.23 (29.73, 49.84)	39.91 (14.74, 65.08)
	Uzbekistan	324.61 (200.18, 506.15)	378.49 (243.71, 572.24)	284.28 (170.00, 465.44)	94.21 (-126.71, 315.12)
	Vanuatu	281.17 (210.20, 374.22)	291.43 (217.69, 385.61)	270.48 (195.77, 369.88)	20.95 (-99.99, 141.90)
	Venezuela (Bolivarian Republic of)	126.38 (90.83, 172.60)	152.47 (105.98, 207.33)	103.91 (74.89, 140.36)	48.57 (-11.76, 108.89)
	Viet Nam	137.99 (106.47, 183.84)	176.36 (133.90, 238.40)	113.86 (86.67, 151.89)	62.50 (0.91, 124.10)
	Yemen	138.27 (92.18, 205.05)	140.70 (90.92, 212.43)	135.54 (88.87, 205.27)	5.16 (-78.97, 89.30)
	Zambia	116.71 (91.70, 148.82)	159.76 (124.70, 201.57)	81.13 (61.65, 109.37)	78.63 (33.39, 123.87)
	Zimbabwe	173.42 (130.69, 229.06)	170.33 (130.98, 221.30)	173.41 (124.84, 235.35)	-3.08 (-74.44, 68.29)
<b>DALYs</b>	<b>Global</b>	2104.26 (1740.72, 2520.72)	2456.73 (2019.77, 2946.76)	1788.11 (1486.96, 2154.60)	668.62 (97.43, 1239.81)
	<b>World Bank income levels</b>				

World Bank Low Income	2571.48 (2138.34, 3070.53)	2920.43 (2430.19, 3490.94)	2273.87 (1883.78, 2730.58)	646.56 (-32.09, 1325.20)
World Bank Lower Middle Income	2999.85 (2500.61, 3550.29)	3423.31 (2795.81, 4139.28)	2601.81 (2159.96, 3071.93)	821.50 (9.62, 1633.38)
World Bank Upper Middle Income	1825.90 (1493.81, 2218.97)	2128.39 (1714.25, 2644.30)	1563.73 (1271.56, 1890.90)	564.66 (5.96, 1123.36)
World Bank High Income	1458.98 (1170.50, 1795.63)	1785.90 (1434.36, 2194.94)	1166.61 (920.88, 1459.64)	619.30 (153.26, 1085.33)
<b>SDI regions</b>				
Low SDI	2646.81 (2199.73, 3136.60)	2989.11 (2473.45, 3631.69)	2319.28 (1929.63, 2748.84)	669.83 (-39.51, 1379.17)
Low-middle SDI	2811.17 (2343.76, 3330.07)	3242.52 (2648.37, 3918.76)	2410.46 (1985.98, 2856.11)	832.06 (62.15, 1601.97)
Middle SDI	2369.74 (1980.89, 2834.17)	2695.41 (2217.77, 3254.79)	2073.21 (1724.24, 2457.59)	622.20 (-12.87, 1257.26)
High-middle SDI	1734.70 (1403.38, 2138.15)	2069.92 (1671.41, 2585.53)	1449.32 (1165.18, 1779.76)	620.59 (69.84, 1171.35)
High SDI	1424.36 (1145.59, 1744.86)	1745.43 (1414.34, 2138.87)	1134.97 (898.28, 1418.02)	610.46 (164.63, 1056.30)
<b>GBD super-regions</b>				
Central Europe, Eastern Europe, and Central Asia	2238.76 (1762.08, 2804.46)	2859.80 (2230.85, 3610.87)	1778.22 (1401.24, 2267.83)	1081.59 (266.81, 1896.36)
High-income	1368.68 (1093.79, 1690.36)	1676.30 (1347.45, 2072.87)	1097.92 (863.44, 1388.12)	578.38 (130.74, 1026.02)
Latin America and Caribbean	2587.41 (2186.86, 3031.59)	2916.97 (2452.65, 3448.00)	2301.61 (1924.91, 2710.01)	615.36 (-18.50, 1249.22)
North Africa and Middle East	3332.73 (2650.14, 4117.87)	3450.50 (2699.94, 4295.92)	3206.30 (2562.24, 3956.27)	244.21 (-815.33, 1303.74)
South Asia	2868.20 (2368.98, 3422.69)	3318.08 (2634.71, 4088.98)	2426.60 (1958.87, 2948.84)	891.48 (11.86, 1771.10)
Southeast Asia, East Asia, and Oceania	1845.41 (1518.14, 2228.54)	2149.84 (1737.07, 2651.50)	1582.88 (1286.48, 1920.21)	566.95 (10.67, 1123.23)
Sub-Saharan Africa	2482.98 (2067.99, 2940.38)	2860.78 (2402.07, 3395.87)	2152.80 (1788.94, 2571.92)	707.98 (75.38, 1340.57)
<b>GBD countries and territories</b>				
Afghanistan	5920.63 (4418.61, 7702.53)	5113.04 (3745.32, 6744.44)	6705.88 (5040.11, 8645.36)	-1592.84 (-3937.65, 751.97)
Albania	1171.28 (849.91, 1544.86)	1398.51 (994.80, 1865.28)	968.86 (717.60, 1265.77)	429.65 (-84.70, 944.00)
Algeria	3206.25 (2476.21, 4144.79)	3127.59 (2361.87, 4114.42)	3347.33 (2564.16, 4310.01)	-219.74 (-1456.61, 1017.13)
American Samoa	6963.86 (5776.52, 8228.46)	7719.35 (6467.56, 9077.40)	6227.08 (5135.20, 7494.82)	1492.27 (-266.93, 3251.46)
Andorra	933.54 (674.35, 1274.70)	1139.11 (820.22, 1566.74)	727.48 (526.08, 998.28)	411.63 (-30.04, 853.29)
Angola	3013.85 (2420.61, 3750.30)	4149.17 (3297.62, 5129.77)	2100.31 (1628.86, 2741.53)	2048.86 (977.08, 3120.63)
Antigua and Barbuda	3522.66 (2944.29, 4165.25)	3605.97 (2981.30, 4288.82)	3448.58 (2863.88, 4117.04)	157.39 (-748.15, 1062.94)
Argentina	1763.85 (1456.54, 2158.69)	2228.44 (1795.98, 2725.31)	1391.74 (1122.91, 1722.59)	836.70 (283.69, 1389.71)
Armenia	2934.03 (2273.91, 3861.37)	3408.58 (2539.88, 4600.98)	2549.33 (1969.59, 3321.43)	859.24 (-373.19, 2091.68)
Australia	920.29 (698.81, 1188.11)	1138.62 (879.85, 1452.60)	725.36 (538.98, 961.55)	413.26 (57.38, 769.14)



Austria	1165.49 (884.17, 1491.39)	1460.00 (1103.85, 1886.06)	919.15 (670.97, 1196.29)	540.85 (69.73, 1011.97)
Azerbaijan	4276.57 (3120.15, 5765.56)	4753.24 (3264.07, 6579.14)	3868.33 (2784.14, 5312.51)	884.91 (-1199.69, 2969.52)
Bahamas	3167.15 (2550.09, 3948.94)	3600.73 (2865.50, 4534.95)	2799.09 (2243.17, 3493.30)	801.64 (-241.18, 1844.46)
Bahrain	5121.64 (4202.36, 6178.17)	5177.86 (4199.40, 6318.61)	5022.23 (4132.88, 5994.29)	155.64 (-1254.67, 1565.94)
Bangladesh	2063.64 (1631.68, 2594.54)	2101.52 (1633.51, 2697.87)	2024.49 (1572.65, 2556.86)	77.03 (-647.80, 801.86)
Barbados	3156.57 (2580.01, 3796.20)	3166.10 (2582.82, 3801.70)	3138.71 (2563.24, 3800.09)	27.38 (-840.87, 895.64)
Belarus	1498.21 (1064.92, 2043.09)	2075.66 (1424.23, 2875.92)	1125.41 (815.50, 1550.74)	950.25 (136.63, 1763.88)
Belgium	1053.66 (789.25, 1380.81)	1255.27 (929.09, 1663.44)	877.34 (643.38, 1168.44)	377.93 (-73.44, 829.31)
Belize	3180.73 (2711.43, 3685.22)	3127.62 (2599.39, 3701.85)	3238.86 (2770.90, 3768.47)	-111.24 (-854.64, 632.16)
Benin	2649.87 (2050.21, 3343.21)	2809.57 (2137.25, 3573.21)	2515.12 (1962.89, 3194.25)	294.45 (-651.36, 1240.26)
Bermuda	1608.62 (1254.57, 2017.22)	2162.20 (1668.01, 2702.08)	1169.24 (894.82, 1513.50)	992.96 (390.45, 1595.47)
Bhutan	2264.73 (1779.40, 2853.40)	2365.74 (1761.06, 3047.73)	2158.52 (1714.33, 2712.56)	207.22 (-607.03, 1021.46)
Bolivia (Plurinational State of)	2717.00 (2156.50, 3343.53)	2726.02 (2086.66, 3448.29)	2712.56 (2140.55, 3330.00)	13.46 (-890.54, 917.45)
Bosnia and Herzegovina	3374.76 (2551.92, 4324.71)	3894.21 (2918.29, 5077.63)	2914.36 (2186.57, 3796.97)	979.85 (-367.01, 2326.72)
Botswana	4568.90 (3541.35, 5796.77)	5140.67 (4002.20, 6401.23)	4127.60 (3112.01, 5479.81)	1013.07 (-672.29, 2698.43)
Brazil	2023.68 (1700.20, 2419.58)	2342.94 (1964.47, 2823.63)	1758.95 (1459.23, 2100.26)	583.99 (48.01, 1119.97)
Brunei Darussalam	4705.79 (3937.85, 5567.23)	5949.94 (4906.34, 7037.36)	3830.91 (3184.45, 4606.81)	2119.03 (837.98, 3400.08)
Bulgaria	2927.94 (2121.82, 3990.04)	3723.47 (2608.07, 5245.24)	2277.82 (1639.77, 3188.73)	1445.65 (-83.57, 2974.86)
Burkina Faso	2644.90 (2106.90, 3278.78)	3132.44 (2474.75, 3881.95)	2247.29 (1776.93, 2814.82)	885.15 (10.87, 1759.43)
Burundi	2391.39 (1878.68, 3020.64)	2899.25 (2240.82, 3729.00)	1863.74 (1446.20, 2344.43)	1035.51 (166.39, 1904.63)
Cabo Verde	2561.74 (2072.09, 3142.22)	2934.66 (2367.93, 3610.55)	2271.85 (1810.67, 2817.04)	662.81 (-136.71, 1462.33)
Cambodia	3363.15 (2685.31, 4131.79)	3863.43 (3043.95, 4791.25)	3008.58 (2403.45, 3715.50)	854.84 (-237.69, 1947.38)
Cameroon	2763.88 (2191.97, 3521.21)	3078.59 (2411.27, 3911.22)	2485.71 (1933.38, 3162.17)	592.88 (-376.63, 1562.39)
Canada	1017.79 (787.51, 1302.25)	1270.28 (969.55, 1635.29)	795.98 (594.93, 1061.18)	474.30 (67.91, 880.69)
Central African Republic	4635.03 (3510.46, 5970.30)	6414.10 (4914.32, 8105.24)	3165.94 (2264.97, 4374.40)	3248.16 (1335.59, 5160.73)
Chad	2537.50 (2024.78, 3188.60)	2550.31 (2001.08, 3225.91)	2534.55 (1975.78, 3194.88)	15.76 (-848.30, 879.82)
Chile	1573.02 (1264.61, 1926.33)	1811.33 (1465.39, 2183.88)	1369.50 (1088.91, 1725.26)	441.83 (-38.06, 921.71)
China	1451.53 (1139.16, 1832.23)	1761.51 (1337.27, 2295.75)	1190.50 (916.26, 1508.96)	571.01 (7.55, 1134.48)
Colombia	1816.32 (1385.32, 2303.94)	2050.68 (1539.60, 2629.62)	1619.17 (1238.17, 2074.46)	431.50 (-255.43, 1118.44)

Comoros	2038.83 (1635.19, 2590.22)	2392.60 (1837.91, 3087.30)	1753.89 (1400.32, 2268.12)	638.71 (-121.89, 1399.31)
Congo	3538.20 (2794.48, 4441.23)	4072.37 (3249.15, 5095.59)	3058.14 (2318.38, 3964.11)	1014.23 (-222.47, 2250.93)
Cook Islands	5367.88 (4493.41, 6323.06)	6105.55 (5171.50, 7191.68)	4650.89 (3779.47, 5671.44)	1454.66 (70.76, 2838.56)
Costa Rica	1895.29 (1460.03, 2384.51)	2303.14 (1746.45, 2930.66)	1542.89 (1181.24, 1965.74)	760.25 (50.00, 1470.49)
Côte d'Ivoire	2677.59 (2120.65, 3308.80)	2828.98 (2211.25, 3543.58)	2519.55 (1982.40, 3137.41)	309.43 (-572.21, 1191.08)
Croatia	2105.72 (1549.80, 2798.92)	2698.05 (1972.51, 3607.65)	1629.16 (1171.13, 2188.33)	1068.88 (106.02, 2031.74)
Cuba	2136.53 (1627.39, 2760.41)	2542.23 (1923.36, 3303.02)	1767.65 (1336.33, 2298.33)	774.58 (-66.39, 1615.55)
Cyprus	1829.30 (1450.07, 2299.50)	2163.51 (1706.79, 2738.80)	1498.81 (1165.88, 1890.05)	664.70 (34.32, 1295.07)
Czechia	2557.55 (1914.24, 3281.44)	3194.38 (2373.52, 4118.74)	2002.06 (1494.05, 2574.60)	1192.32 (165.99, 2218.65)
Democratic People's Republic of Korea	1952.60 (1528.13, 2471.93)	2242.98 (1757.09, 2861.81)	1734.91 (1336.50, 2267.75)	508.07 (-214.37, 1230.50)
Democratic Republic of the Congo	2895.58 (2283.32, 3670.28)	3798.77 (3031.93, 4736.15)	2181.78 (1650.35, 2845.12)	1616.98 (576.33, 2657.64)
Denmark	982.15 (766.49, 1254.33)	1171.46 (925.73, 1473.32)	808.53 (602.41, 1079.92)	362.93 (-0.34, 726.20)
Djibouti	2431.32 (1911.42, 3149.06)	2923.07 (2265.11, 3823.07)	1885.74 (1464.28, 2436.14)	1037.33 (119.21, 1955.45)
Dominica	3992.68 (3247.28, 4809.26)	4294.08 (3486.80, 5222.51)	3652.11 (3000.74, 4405.09)	641.97 (-474.38, 1758.32)
Dominican Republic	2587.00 (1964.44, 3299.14)	2983.91 (2180.04, 3887.99)	2208.74 (1706.79, 2817.31)	775.17 (-243.45, 1793.79)
Ecuador	2297.98 (1830.70, 2905.42)	2400.93 (1871.05, 3069.25)	2200.75 (1776.14, 2713.65)	200.18 (-560.52, 960.87)
Egypt	4369.04 (3084.35, 5760.58)	4088.28 (2758.95, 5561.98)	4883.41 (3477.27, 6487.99)	-795.13 (-2851.92, 1261.65)
El Salvador	3164.03 (2471.30, 3971.74)	3831.51 (2964.40, 4833.99)	2669.68 (2085.66, 3345.56)	1161.82 (34.58, 2289.06)
Equatorial Guinea	3019.66 (2263.67, 3981.80)	3852.83 (2949.57, 4973.06)	2428.43 (1760.57, 3321.25)	1424.40 (146.69, 2702.12)
Eritrea	2769.08 (2127.33, 3536.10)	3508.70 (2578.15, 4523.25)	2249.79 (1709.39, 2983.15)	1258.91 (96.38, 2421.43)
Estonia	1169.53 (870.55, 1523.69)	1483.27 (1092.57, 1951.44)	949.58 (703.69, 1261.34)	533.69 (21.68, 1045.71)
Eswatini	5693.00 (4370.67, 7412.38)	7448.09 (6043.20, 9212.77)	4457.14 (3091.12, 6220.18)	2990.95 (764.00, 5217.90)
Ethiopia	1719.05 (1452.03, 2036.80)	1963.58 (1586.80, 2419.68)	1461.92 (1207.63, 1756.76)	501.66 (2.85, 1000.47)
Fiji	10692.94 (8665.26, 13040.49)	11953.09 (9493.32, 14784.09)	9646.16 (7836.63, 11750.62)	2306.93 (-983.65, 5597.51)
Finland	1439.65 (1084.45, 1866.61)	1748.51 (1309.80, 2282.66)	1171.05 (867.35, 1532.75)	577.47 (-11.86, 1166.79)
France	599.80 (464.55, 761.83)	740.48 (577.39, 939.50)	479.20 (360.07, 620.79)	261.28 (38.18, 484.38)
Gabon	3840.53 (3065.28, 4689.12)	5294.51 (4221.00, 6367.21)	2558.40 (1969.44, 3277.96)	2736.11 (1479.28, 3992.94)
Gambia	2622.20 (2045.25, 3255.63)	2742.66 (2124.84, 3439.27)	2512.45 (1922.13, 3194.23)	230.21 (-684.38, 1144.81)
Georgia	3686.43 (2902.05, 4752.55)	5049.56 (3954.63, 6464.49)	2663.01 (2050.02, 3467.07)	2386.55 (945.42, 3827.68)

Germany	1558.83 (1189.75, 1980.29)	1868.43 (1442.75, 2370.01)	1278.62 (962.94, 1651.15)	589.81 (12.44, 1167.18)
Ghana	3079.29 (2476.87, 3778.91)	3519.29 (2867.21, 4299.94)	2729.62 (2162.03, 3460.83)	789.67 (-177.23, 1756.58)
Greece	1325.31 (997.32, 1717.18)	1709.57 (1258.84, 2259.47)	984.60 (725.54, 1321.40)	724.97 (142.67, 1307.27)
Greenland	1700.60 (1250.21, 2254.68)	2245.55 (1650.28, 2914.44)	1077.61 (759.31, 1517.43)	1167.94 (430.91, 1904.97)
Grenada	4465.23 (3831.74, 5176.43)	4866.64 (4197.77, 5635.22)	4061.93 (3444.85, 4740.94)	804.71 (-163.04, 1772.45)
Guam	3208.75 (2528.43, 3924.69)	3571.26 (2764.89, 4406.58)	2856.43 (2268.73, 3532.74)	714.84 (-321.12, 1750.80)
Guatemala	3818.67 (3062.21, 4686.94)	3872.39 (3057.08, 4766.51)	3797.42 (3070.43, 4637.70)	74.97 (-1084.61, 1234.55)
Guinea-Bissau	3474.04 (2703.18, 4361.62)	3722.05 (2904.25, 4724.07)	3274.81 (2485.75, 4174.54)	447.23 (-794.11, 1688.58)
Guinea	2586.68 (2017.89, 3225.35)	2545.61 (1993.32, 3234.64)	2635.28 (2050.17, 3328.75)	-89.68 (-980.70, 801.34)
Guyana	6632.12 (5237.05, 8243.26)	7139.11 (5514.54, 8960.76)	6158.13 (4892.19, 7565.57)	980.97 (-1199.82, 3161.76)
Haiti	5434.11 (4138.28, 7123.82)	4457.30 (3314.55, 5869.40)	6305.70 (4861.15, 8420.03)	-1848.40 (-4038.88, 342.08)
Honduras	3539.96 (2828.99, 4398.16)	3824.81 (3037.76, 4749.17)	3285.82 (2573.02, 4135.96)	538.99 (-619.86, 1697.84)
Hungary	2426.46 (1789.12, 3173.32)	3220.48 (2369.03, 4285.05)	1825.20 (1307.73, 2405.39)	1395.28 (291.20, 2499.36)
Iceland	915.02 (673.51, 1201.44)	1215.31 (886.36, 1591.56)	643.84 (459.99, 875.36)	571.47 (162.25, 980.69)
India	2871.12 (2327.87, 3480.10)	3407.70 (2639.18, 4276.40)	2353.49 (1859.96, 2906.36)	1054.21 (82.69, 2025.73)
Indonesia	3406.02 (2768.21, 4086.00)	3774.60 (2969.44, 4760.10)	3081.49 (2401.79, 3757.34)	693.11 (-429.83, 1816.05)
Iran (Islamic Republic of)	2511.20 (2017.38, 3108.71)	2555.59 (2028.45, 3194.51)	2472.45 (1979.64, 3062.66)	83.14 (-712.58, 878.85)
Iraq	4737.92 (3650.18, 5900.26)	5326.02 (4056.85, 6765.63)	4175.92 (3205.92, 5225.73)	1150.10 (-539.36, 2839.56)
Ireland	1069.27 (802.44, 1396.94)	1360.75 (1020.71, 1767.69)	812.85 (593.35, 1105.30)	547.89 (95.10, 1000.69)
Israel	1330.47 (1071.00, 1624.61)	1530.18 (1228.00, 1871.22)	1150.95 (910.31, 1421.37)	379.23 (-31.53, 790.00)
Italy	1291.89 (1008.69, 1642.24)	1575.65 (1225.97, 2000.78)	1050.60 (807.86, 1343.75)	525.05 (54.02, 996.09)
Jamaica	3876.52 (3111.57, 4706.39)	3827.78 (3043.06, 4699.05)	3918.93 (3177.30, 4746.63)	-91.15 (-1231.89, 1049.59)
Japan	722.13 (548.78, 919.03)	960.52 (735.79, 1230.07)	510.57 (379.48, 663.88)	449.95 (164.82, 735.08)
Jordan	2960.09 (2379.65, 3643.72)	3142.22 (2462.69, 4014.70)	2748.48 (2178.33, 3458.36)	393.74 (-612.15, 1399.62)
Kazakhstan	3421.16 (2617.28, 4478.94)	3834.07 (2793.75, 5226.13)	3115.84 (2402.13, 4051.51)	718.23 (-751.20, 2187.66)
Kenya	1895.83 (1568.91, 2291.35)	2546.18 (2049.01, 3111.01)	1345.15 (1079.43, 1680.88)	1201.03 (590.79, 1811.28)
Kiribati	12255.20 (9799.69, 15073.04)	15010.84 (11791.70, 18625.55)	9976.25 (7942.34, 12393.31)	5034.59 (956.82, 9112.35)
Kuwait	2556.53 (2005.34, 3226.50)	2962.38 (2289.19, 3777.59)	1969.26 (1522.99, 2486.07)	993.13 (106.72, 1879.53)
Kyrgyzstan	1627.73 (1240.76, 2223.97)	1875.37 (1440.62, 2464.96)	1426.56 (1054.32, 2058.72)	448.81 (-268.49, 1166.11)

Lao People's Democratic Republic	4201.97 (3328.37, 5193.83)	4366.06 (3377.01, 5592.99)	4050.54 (3213.08, 5027.87)	315.53 (-1116.61, 1747.66)
Latvia	1536.05 (1180.62, 1961.57)	1910.47 (1416.65, 2522.44)	1271.05 (962.87, 1687.65)	639.43 (-21.65, 1300.50)
Lebanon	3311.63 (2448.91, 4266.77)	4171.73 (3025.40, 5429.03)	2604.07 (1936.96, 3364.04)	1567.66 (169.98, 2965.33)
Lesotho	5522.94 (4196.18, 7058.49)	6446.90 (5129.18, 7994.62)	4785.43 (3365.91, 6364.43)	1661.47 (-412.29, 3735.23)
Liberia	2743.09 (2144.64, 3438.89)	2643.68 (2008.09, 3415.22)	2848.89 (2223.92, 3610.59)	-205.21 (-1193.00, 782.57)
Libya	3462.02 (2627.86, 4581.71)	3545.36 (2650.01, 4815.78)	3374.02 (2554.68, 4385.37)	171.34 (-1246.58, 1589.26)
Lithuania	1157.19 (864.40, 1514.81)	1576.59 (1165.37, 2092.39)	864.96 (644.72, 1142.42)	711.63 (185.53, 1237.72)
Luxembourg	1327.12 (996.33, 1698.20)	1603.26 (1202.73, 2035.83)	1075.19 (801.28, 1413.02)	528.07 (11.28, 1044.85)
Madagascar	2199.43 (1695.43, 2785.23)	2570.86 (1931.16, 3378.50)	1871.99 (1463.25, 2377.55)	698.87 (-157.10, 1554.84)
Malawi	2600.88 (2114.61, 3184.05)	3605.70 (2941.84, 4359.99)	1820.38 (1418.55, 2296.14)	1785.32 (951.46, 2619.19)
Malaysia	2690.13 (2069.03, 3451.89)	2846.69 (2135.91, 3663.55)	2529.18 (1939.00, 3267.95)	317.51 (-694.88, 1329.90)
Maldives	2155.07 (1703.51, 2660.26)	2382.01 (1854.58, 2964.36)	1890.64 (1501.26, 2368.64)	491.37 (-212.89, 1195.63)
Mali	2377.96 (1894.47, 2951.80)	2001.70 (1535.75, 2574.75)	2782.55 (2166.73, 3485.05)	-780.85 (-1620.12, 58.42)
Malta	1588.61 (1222.72, 2003.30)	1833.23 (1408.19, 2323.02)	1372.28 (1049.00, 1746.40)	460.94 (-114.23, 1036.11)
Marshall Islands	9850.18 (7609.69, 12555.71)	9939.72 (7641.05, 12706.52)	9782.54 (7510.78, 12525.82)	157.18 (-3406.86, 3721.22)
Mauritania	1725.52 (1339.70, 2133.24)	1373.64 (1045.28, 1758.10)	2084.90 (1600.89, 2611.55)	-711.26 (-1329.63, -92.88)
Mauritius	5743.77 (4740.98, 6852.12)	6697.25 (5516.72, 8026.95)	4866.15 (3986.17, 5806.92)	1831.10 (280.59, 3381.62)
Mexico	3887.65 (3293.59, 4573.08)	4387.77 (3585.68, 5298.70)	3443.64 (2842.29, 4117.74)	944.13 (-123.72, 2011.98)
Micronesia (Federated States of)	10363.73 (7768.15, 13346.97)	11468.97 (8199.09, 15110.98)	9220.75 (7025.77, 11858.26)	2248.22 (-1968.63, 6465.07)
Monaco	1043.41 (730.85, 1461.67)	1265.46 (879.12, 1772.94)	847.34 (575.72, 1199.09)	418.12 (-126.75, 962.98)
Mongolia	1491.41 (1120.89, 1980.36)	2004.08 (1477.93, 2663.24)	1103.87 (829.97, 1444.16)	900.21 (232.72, 1567.70)
Montenegro	3289.87 (2517.56, 4166.61)	3993.61 (2992.79, 5087.33)	2695.83 (2077.82, 3436.89)	1297.78 (49.36, 2546.20)
Morocco	4049.56 (3046.61, 5338.12)	4223.74 (3077.74, 5642.41)	3880.91 (2951.38, 5037.80)	342.83 (-1310.24, 1995.91)
Mozambique	3152.41 (2482.09, 3967.91)	4640.08 (3665.51, 5735.47)	1994.59 (1522.33, 2658.65)	2645.49 (1464.81, 3826.16)
Myanmar	3993.24 (3287.18, 4838.47)	4452.40 (3638.03, 5445.47)	3627.53 (2974.30, 4400.32)	824.86 (-326.27, 1976.00)
Namibia	3281.56 (2597.19, 4125.52)	3981.52 (3214.86, 4953.24)	2763.90 (2090.63, 3631.11)	1217.62 (56.26, 2378.98)
Nauru	10621.34 (8553.78, 13204.66)	12058.67 (9106.66, 15664.39)	9386.56 (7310.66, 12132.04)	2672.11 (-1397.58, 6741.80)
Nepal	2089.12 (1628.08, 2678.01)	2571.93 (1956.36, 3366.50)	1651.53 (1309.61, 2091.77)	920.40 (114.13, 1726.67)
Netherlands	927.30 (698.92, 1212.61)	1101.59 (824.33, 1441.86)	767.21 (563.80, 1023.95)	334.38 (-50.68, 719.44)

New Zealand	935.97 (724.84, 1211.60)	1105.37 (866.29, 1438.90)	785.90 (593.87, 1034.74)	319.47 (-41.87, 680.81)
Nicaragua	3723.71 (3028.43, 4544.96)	4428.80 (3510.39, 5485.63)	3148.77 (2588.48, 3832.69)	1280.02 (112.80, 2447.25)
Niger	2080.25 (1602.16, 2651.55)	1952.78 (1430.55, 2530.77)	2204.57 (1726.44, 2850.90)	-251.79 (-1038.38, 534.80)
Nigeria	1826.33 (1402.98, 2278.40)	1990.56 (1468.17, 2662.50)	1674.22 (1223.51, 2174.59)	316.34 (-447.04, 1079.72)
Niue	7645.92 (6176.35, 9226.23)	8800.05 (7207.16, 10551.40)	6554.60 (5220.23, 8150.40)	2245.45 (22.29, 4468.61)
North Macedonia	4286.26 (3200.10, 5543.08)	4749.10 (3536.78, 6179.24)	3834.12 (2858.35, 5023.96)	914.98 (-793.27, 2623.23)
Northern Mariana Islands	4894.81 (4050.78, 5885.08)	5628.06 (4663.23, 6740.78)	4114.23 (3328.23, 5050.52)	1513.83 (164.53, 2863.14)
Norway	1093.13 (838.48, 1402.22)	1288.41 (996.89, 1660.65)	911.85 (668.88, 1201.84)	376.56 (-49.07, 802.18)
Oman	4620.40 (3618.47, 5820.13)	4963.26 (3841.51, 6400.94)	4292.99 (3365.99, 5498.22)	670.27 (-995.34, 2335.88)
Pakistan	3911.09 (3129.86, 4773.69)	3988.91 (2982.82, 5152.59)	3828.99 (3023.46, 4846.74)	159.92 (-1257.14, 1576.98)
Palau	8060.09 (6401.06, 10035.96)	9361.43 (7300.84, 11742.03)	6550.83 (5156.52, 8243.43)	2810.59 (106.29, 5514.90)
Palestine	4667.61 (3783.93, 5803.84)	5246.46 (4204.45, 6631.51)	4145.69 (3370.69, 5103.39)	1100.77 (-390.28, 2591.82)
Panama	2334.56 (1823.26, 2894.47)	2619.90 (2023.17, 3296.98)	2059.95 (1626.18, 2557.82)	559.95 (-229.12, 1349.02)
Papua New Guinea	6553.97 (5113.59, 8189.37)	8069.42 (6270.07, 10099.70)	4873.33 (3784.07, 6177.39)	3196.10 (938.11, 5454.08)
Paraguay	2678.68 (2074.00, 3392.26)	3005.91 (2286.95, 3861.40)	2373.44 (1852.72, 2974.20)	632.48 (-334.04, 1598.99)
Peru	1143.05 (889.19, 1445.87)	1196.42 (908.42, 1542.48)	1093.03 (854.73, 1375.37)	103.39 (-306.82, 513.61)
Philippines	3087.16 (2555.06, 3771.59)	3331.00 (2601.05, 4248.64)	2836.65 (2243.76, 3570.18)	494.35 (-563.23, 1551.93)
Poland	2004.08 (1515.53, 2594.68)	2549.10 (1858.08, 3427.38)	1549.37 (1157.16, 2055.86)	999.73 (95.53, 1903.94)
Portugal	1494.01 (1181.88, 1866.97)	1763.75 (1394.49, 2216.80)	1268.86 (974.58, 1608.34)	494.89 (-24.21, 1013.98)
Puerto Rico	2780.51 (2200.51, 3422.97)	3211.98 (2521.61, 3982.25)	2416.85 (1919.45, 3011.77)	795.13 (-116.83, 1707.09)
Qatar	5263.04 (4206.33, 6505.17)	4873.87 (3817.73, 6086.83)	6491.63 (5247.87, 7936.06)	-1617.76 (-3376.68, 141.15)
Republic of Korea	1185.16 (945.68, 1473.41)	1490.47 (1189.11, 1867.08)	928.07 (722.63, 1174.52)	562.40 (155.01, 969.79)
Republic of Moldova	1774.50 (1318.18, 2418.92)	2213.51 (1608.07, 3138.36)	1459.16 (1081.68, 1997.02)	754.34 (-137.24, 1645.92)
Romania	1612.24 (1213.43, 2145.60)	2046.39 (1518.00, 2789.22)	1255.50 (940.29, 1645.06)	790.89 (64.13, 1517.65)
Russian Federation	1878.69 (1459.90, 2413.94)	2406.88 (1812.61, 3253.67)	1492.14 (1126.04, 1994.88)	914.74 (73.39, 1756.10)
Rwanda	2167.97 (1699.01, 2740.62)	2642.59 (2025.92, 3372.99)	1829.18 (1427.89, 2330.83)	813.41 (2.56, 1624.26)
Saint Kitts and Nevis	4121.13 (3367.77, 4888.30)	4752.84 (3872.30, 5672.16)	3490.84 (2816.03, 4290.06)	1262.00 (98.79, 2425.22)
Saint Lucia	3901.46 (3230.68, 4580.74)	4140.87 (3397.51, 4903.25)	3673.81 (3031.13, 4361.81)	467.06 (-537.67, 1471.79)
Saint Vincent and the Grenadines	4702.60 (3980.63, 5444.88)	4766.08 (4051.75, 5560.22)	4621.65 (3882.65, 5397.18)	144.43 (-924.36, 1213.23)

Samoa	6644.90 (5329.05, 8129.96)	6866.12 (5588.62, 8299.45)	6403.92 (5037.86, 7978.29)	462.21 (-1537.46, 2461.87)
San Marino	1009.78 (691.19, 1437.69)	1194.64 (823.78, 1708.33)	842.05 (565.75, 1210.21)	352.59 (-194.62, 899.80)
Sao Tome and Principe	2485.96 (1942.02, 3079.32)	2611.54 (2047.23, 3241.22)	2376.35 (1813.67, 3014.06)	235.19 (-611.36, 1081.73)
Saudi Arabia	3765.48 (2970.80, 4712.30)	3985.53 (3112.63, 5080.47)	3425.86 (2643.49, 4327.58)	559.67 (-735.37, 1854.72)
Senegal	2910.70 (2310.54, 3637.37)	2947.41 (2279.80, 3653.45)	2880.10 (2252.43, 3617.81)	67.31 (-901.09, 1035.71)
Serbia	3337.04 (2464.86, 4446.31)	3852.02 (2817.02, 5091.09)	2858.15 (2090.61, 3815.01)	993.87 (-433.10, 2420.84)
Seychelles	3414.16 (2780.04, 4133.25)	3793.17 (3055.18, 4600.52)	3005.18 (2416.22, 3679.61)	787.99 (-210.04, 1786.02)
Sierra Leone	1869.06 (1470.78, 2387.40)	1631.37 (1277.70, 2078.06)	2099.06 (1639.27, 2720.86)	-467.68 (-1140.44, 205.07)
Singapore	1076.49 (826.06, 1379.42)	1323.68 (1007.85, 1700.31)	841.99 (646.64, 1088.04)	481.68 (71.10, 892.27)
Slovakia	1748.86 (1256.92, 2327.03)	2247.71 (1558.15, 3102.87)	1367.60 (989.11, 1822.52)	880.12 (2.52, 1757.72)
Slovenia	1138.74 (833.94, 1525.16)	1484.60 (1058.81, 2005.03)	859.44 (624.67, 1151.02)	625.16 (83.77, 1166.54)
Solomon Islands	11244.45 (8745.94, 14283.30)	12339.51 (9321.53, 15975.22)	10096.20 (7911.35, 12795.17)	2243.31 (-1883.53, 6370.15)
Somalia	3025.45 (2333.84, 3964.74)	3890.93 (2969.18, 4985.84)	2411.29 (1823.58, 3264.88)	1479.65 (240.26, 2719.03)
South Africa	3269.69 (2861.22, 3731.59)	3581.32 (3095.70, 4113.14)	3024.69 (2619.34, 3482.47)	556.64 (-110.48, 1223.76)
South Sudan	2068.10 (1597.34, 2646.98)	2460.91 (1868.64, 3181.59)	1628.44 (1261.19, 2103.46)	832.47 (52.52, 1612.41)
Spain	1214.13 (910.53, 1563.49)	1483.58 (1116.77, 1916.05)	978.03 (718.63, 1275.35)	505.56 (18.53, 992.59)
Sri Lanka	3543.70 (2763.12, 4448.53)	4046.64 (3085.31, 5133.00)	3124.84 (2434.95, 3870.52)	921.81 (-328.59, 2172.20)
Sudan	3837.30 (2905.38, 5098.16)	4039.09 (2992.54, 5442.88)	3598.58 (2745.43, 4734.35)	440.51 (-1137.46, 2018.48)
Suriname	4219.32 (3451.38, 5046.06)	4824.51 (3926.41, 5883.48)	3674.80 (3011.74, 4357.24)	1149.72 (-37.77, 2337.20)
Sweden	1067.00 (815.20, 1382.96)	1308.57 (1000.58, 1714.82)	844.52 (620.11, 1129.44)	464.04 (25.42, 902.66)
Switzerland	902.33 (683.59, 1182.99)	1067.16 (800.38, 1392.44)	756.97 (556.66, 1008.66)	310.18 (-62.25, 682.62)
Syrian Arab Republic	4015.89 (2858.59, 5556.49)	4266.59 (2959.83, 5992.87)	3868.78 (2753.90, 5330.57)	397.82 (-1592.07, 2387.70)
Taiwan (Province of China)	1777.16 (1407.03, 2266.37)	2050.04 (1615.43, 2637.63)	1522.16 (1196.45, 1935.12)	527.88 (-102.71, 1158.46)
Tajikistan	4790.40 (3472.91, 6425.91)	5282.32 (3674.97, 7281.85)	4345.08 (3196.06, 5794.25)	937.23 (-1285.39, 3159.85)
Thailand	1810.55 (1378.01, 2288.79)	2000.63 (1490.42, 2570.77)	1639.90 (1257.45, 2058.04)	360.73 (-311.60, 1033.06)
Timor-Leste	3280.15 (2497.50, 4163.34)	3417.08 (2546.07, 4456.16)	3149.84 (2417.55, 3958.20)	267.24 (-959.75, 1494.23)
Togo	1941.39 (1574.50, 2407.78)	2226.32 (1793.81, 2787.79)	1733.18 (1385.68, 2180.39)	493.14 (-143.16, 1129.45)
Tokelau	6160.72 (4883.46, 7607.38)	5059.20 (3985.63, 6257.83)	7281.79 (5704.98, 9150.18)	-2222.60 (-4286.11, -159.09)
Tonga	5414.10 (4420.51, 6497.32)	5948.07 (4784.77, 7209.17)	4938.90 (4035.80, 6006.62)	1009.17 (-553.03, 2571.37)

Trinidad and Tobago	5053.39 (3913.05, 6334.52)	5677.49 (4348.53, 7190.23)	4452.97 (3495.95, 5587.97)	1224.52 (-539.83, 2988.88)
Tunisia	3023.13 (2197.82, 3972.13)	3559.96 (2564.48, 4763.53)	2518.16 (1853.15, 3263.71)	1041.80 (-264.48, 2348.08)
Turkey	2074.26 (1625.08, 2697.53)	2263.15 (1732.56, 2999.96)	1895.20 (1486.95, 2478.83)	367.96 (-436.74, 1172.65)
Turkmenistan	3354.70 (2357.21, 4710.62)	4003.66 (2687.22, 6005.26)	2840.38 (2020.51, 3886.14)	1163.28 (-740.00, 3066.56)
Tuvalu	7841.69 (6078.89, 10245.52)	7942.77 (6127.95, 10462.86)	7679.29 (5854.68, 10017.15)	263.48 (-2741.41, 3268.37)
Uganda	2530.03 (2030.26, 3122.31)	3396.43 (2715.78, 4204.10)	1871.32 (1493.80, 2343.99)	1525.10 (668.09, 2382.12)
Ukraine	2003.43 (1483.87, 2697.07)	2734.29 (1953.51, 3729.89)	1513.72 (1086.22, 2081.81)	1220.58 (202.40, 2238.75)
United Arab Emirates	4416.55 (3464.78, 5546.02)	4599.23 (3555.95, 5854.87)	3913.90 (3088.95, 4929.71)	685.33 (-787.21, 2157.86)
United Kingdom	1472.88 (1129.44, 1902.20)	1790.40 (1396.11, 2276.69)	1178.48 (875.76, 1554.94)	611.92 (55.88, 1167.96)
United Republic of Tanzania	2079.01 (1705.20, 2552.88)	2531.28 (2029.61, 3146.35)	1689.30 (1366.58, 2098.50)	841.98 (174.37, 1509.59)
United States of America	2003.33 (1629.31, 2423.78)	2425.61 (1985.65, 2914.68)	1632.80 (1306.84, 2022.14)	792.80 (206.55, 1379.05)
United States Virgin Islands	3730.22 (2986.18, 4502.27)	4797.01 (3775.94, 5828.65)	2837.46 (2276.63, 3458.60)	1959.55 (775.22, 3143.89)
Uruguay	1316.10 (1065.72, 1621.12)	1798.64 (1428.45, 2270.40)	953.32 (767.52, 1188.89)	845.32 (374.57, 1316.08)
Uzbekistan	6188.64 (4376.13, 8555.05)	7451.25 (5312.59, 10259.08)	5197.27 (3614.87, 7269.71)	2253.98 (-821.14, 5329.11)
Vanuatu	7356.26 (5652.04, 9611.45)	7891.38 (5990.00, 10427.34)	6795.81 (5155.27, 8780.75)	1095.57 (-1769.48, 3960.62)
Venezuela (Bolivarian Republic of)	3231.76 (2478.76, 4103.67)	3848.12 (2904.69, 5012.55)	2681.04 (2084.16, 3373.05)	1167.08 (-68.27, 2402.43)
Viet Nam	2916.44 (2319.46, 3641.65)	3633.83 (2852.15, 4675.00)	2411.18 (1910.62, 2984.80)	1222.65 (164.75, 2280.56)
Yemen	3045.57 (2152.01, 4267.22)	3139.70 (2129.91, 4551.92)	2950.64 (2091.65, 4092.17)	189.06 (-1381.62, 1759.74)
Zambia	2730.58 (2191.89, 3388.19)	3629.62 (2883.63, 4496.36)	1939.69 (1532.40, 2480.56)	1689.93 (754.52, 2625.33)
Zimbabwe	4055.17 (3204.55, 5050.50)	4103.81 (3293.51, 5061.62)	3980.89 (3030.00, 5095.52)	122.92 (-1236.55, 1482.38)

55 **Table S7 Global annualized rate of changes (ARCs) in rates of deaths and disability-adjusted**  
56 **life-years (DALYs) attributable to high fasting plasma glucose (FPG) by sex and age group**  
57 **between 1990 and 2019**

Measure	Age	Both (%)	Male (%)	Female (%)	Difference*
<b>Deaths</b>	All ages	0.54 (0.44, 0.65)	0.63 (0.49, 0.78)	0.46 (0.35, 0.57)	0.17 (-0.01, 0.35)
	<5	-0.34 (-0.50, -0.06)	-0.27 (-0.47, 0.04)	-0.41 (-0.57, -0.14)	0.14 (-0.19, 0.48)
	5-9	-0.25 (-0.48, 0.09)	-0.22 (-0.45, 0.18)	-0.27 (-0.53, 0.09)	0.05 (-0.39, 0.49)
	10-14	-0.17 (-0.38, 0.23)	-0.14 (-0.39, 0.34)	-0.19 (-0.40, 0.20)	0.06 (-0.41, 0.53)
	15-19	-0.12 (-0.22, -0.00)	-0.02 (-0.16, 0.13)	-0.19 (-0.31, -0.06)	0.17 (-0.02, 0.36)
	20-24	-0.08 (-0.18, 0.02)	0.02 (-0.11, 0.17)	-0.19 (-0.29, -0.06)	0.21 (0.03, 0.39)
	25-29	-0.12 (-0.22, -0.01)	-0.03 (-0.15, 0.12)	-0.23 (-0.34, -0.10)	0.20 (0.02, 0.38)
	30-34	-0.10 (-0.18, 0.01)	-0.00 (-0.11, 0.14)	-0.23 (-0.32, -0.11)	0.22 (0.06, 0.39)
	35-39	-0.07 (-0.16, 0.03)	-0.01 (-0.12, 0.12)	-0.16 (-0.27, -0.05)	0.15 (-0.01, 0.31)
	40-44	-0.03 (-0.12, 0.06)	-0.01 (-0.11, 0.11)	-0.07 (-0.17, 0.05)	0.06 (-0.09, 0.22)
	45-49	-0.04 (-0.14, 0.06)	-0.01 (-0.13, 0.12)	-0.09 (-0.19, 0.03)	0.07 (-0.09, 0.24)
	50-54	-0.02 (-0.11, 0.08)	-0.00 (-0.12, 0.14)	-0.04 (-0.15, 0.08)	0.04 (-0.14, 0.21)
	55-59	0.05 (-0.05, 0.16)	0.11 (-0.01, 0.26)	-0.03 (-0.14, 0.09)	0.14 (-0.03, 0.32)
	60-64	0.04 (-0.04, 0.14)	0.08 (-0.04, 0.20)	0.00 (-0.10, 0.12)	0.07 (-0.09, 0.24)
	65-69	0.01 (-0.07, 0.09)	0.03 (-0.08, 0.13)	-0.03 (-0.13, 0.08)	0.06 (-0.09, 0.21)
	70-74	-0.02 (-0.10, 0.07)	-0.00 (-0.10, 0.11)	-0.05 (-0.15, 0.06)	0.05 (-0.10, 0.20)
	75-79	-0.05 (-0.12, 0.02)	-0.05 (-0.14, 0.04)	-0.08 (-0.17, 0.01)	0.02 (-0.10, 0.15)
	80-84	-0.03 (-0.11, 0.04)	-0.02 (-0.11, 0.08)	-0.06 (-0.15, 0.03)	0.04 (-0.09, 0.17)
	85-89	-0.03 (-0.11, 0.05)	0.02 (-0.08, 0.12)	-0.08 (-0.16, 0.02)	0.10 (-0.04, 0.23)
	90-94	0.01 (-0.08, 0.10)	0.05 (-0.06, 0.17)	-0.02 (-0.12, 0.08)	0.08 (-0.08, 0.23)
95+	0.05 (-0.06, 0.16)	0.09 (-0.07, 0.24)	0.03 (-0.09, 0.15)	0.06 (-0.13, 0.26)	
<b>DALYs</b>	All ages	0.54 (0.45, 0.63)	0.60 (0.48, 0.73)	0.47 (0.37, 0.57)	0.13 (-0.02, 0.29)
	<5	-0.33 (-0.49, -0.05)	-0.26 (-0.46, 0.04)	-0.40 (-0.56, -0.13)	0.14 (-0.19, 0.47)
	5-9	-0.18 (-0.41, 0.11)	-0.14 (-0.36, 0.19)	-0.21 (-0.47, 0.11)	0.07 (-0.32, 0.47)
	10-14	-0.08 (-0.27, 0.22)	-0.04 (-0.25, 0.30)	-0.11 (-0.30, 0.20)	0.08 (-0.30, 0.45)
	15-19	0.04 (-0.07, 0.14)	0.12 (-0.00, 0.25)	-0.03 (-0.15, 0.09)	0.16 (-0.02, 0.33)
	20-24	0.12 (0.02, 0.22)	0.19 (0.08, 0.31)	0.04 (-0.07, 0.15)	0.15 (-0.01, 0.31)
	25-29	0.06 (-0.05, 0.16)	0.13 (0.01, 0.25)	-0.02 (-0.14, 0.09)	0.15 (-0.01, 0.32)
	30-34	0.08 (-0.00, 0.17)	0.15 (0.05, 0.26)	-0.00 (-0.10, 0.09)	0.15 (0.01, 0.30)
	35-39	0.10 (0.02, 0.19)	0.14 (0.04, 0.25)	0.05 (-0.05, 0.15)	0.09 (-0.06, 0.24)
	40-44	0.13 (0.04, 0.21)	0.14 (0.03, 0.24)	0.11 (0.02, 0.20)	0.03 (-0.11, 0.16)
	45-49	0.09 (0.01, 0.18)	0.11 (0.01, 0.22)	0.07 (-0.01, 0.16)	0.04 (-0.10, 0.18)
	50-54	0.10 (0.01, 0.18)	0.11 (-0.01, 0.23)	0.09 (-0.00, 0.18)	0.02 (-0.13, 0.17)
	55-59	0.15 (0.06, 0.23)	0.19 (0.08, 0.31)	0.09 (-0.00, 0.18)	0.10 (-0.04, 0.25)
	60-64	0.13 (0.06, 0.21)	0.16 (0.05, 0.26)	0.10 (0.02, 0.19)	0.05 (-0.09, 0.19)
	65-69	0.09 (0.01, 0.16)	0.10 (0.01, 0.20)	0.06 (-0.02, 0.15)	0.04 (-0.09, 0.17)
70-74	0.06 (-0.02, 0.14)	0.06 (-0.03, 0.17)	0.03 (-0.06, 0.13)	0.03 (-0.10, 0.17)	
75-79	0.01 (-0.05, 0.08)	0.01 (-0.08, 0.10)	-0.00 (-0.09, 0.08)	0.01 (-0.11, 0.13)	



80-84	0.01 (-0.06, 0.09)	0.02 (-0.06, 0.12)	-0.01 (-0.10, 0.09)	0.03 (-0.09, 0.16)
85-89	0.01 (-0.07, 0.09)	0.05 (-0.04, 0.15)	-0.03 (-0.12, 0.07)	0.08 (-0.05, 0.22)
90-94	0.04 (-0.05, 0.13)	0.09 (-0.03, 0.19)	0.01 (-0.09, 0.12)	0.08 (-0.07, 0.22)
95+	0.07 (-0.04, 0.17)	0.11 (-0.04, 0.24)	0.05 (-0.07, 0.16)	0.07 (-0.11, 0.25)

58 Notes: \*mean difference with 95% confidence interval in ARCs of high-FPG-related death rates and DALYs  
59 rates between males and females

60 **Table S8 Annualized rate of changes (ARCs) in rates of deaths and disability-adjusted life-years (DALYs) attributable to high fasting plasma glucose**  
61 **(FPG) by location between 1990 and 2019**

Measure	Location	Both (%)	Male (%)	Female (%)	Difference*
<b>Deaths</b>	<b>Global</b>	-0.01 (-0.07, 0.05)	0.01 (-0.06, 0.10)	-0.05 (-0.12, 0.03)	0.06 (-0.05, 0.17)
	<b>World Bank income levels</b>				
	World Bank Low Income	0.06 (-0.05, 0.18)	0.05 (-0.08, 0.19)	0.08 (-0.04, 0.23)	-0.04 (-0.23, 0.16)
	World Bank Lower Middle Income	0.32 (0.20, 0.45)	0.35 (0.18, 0.55)	0.30 (0.14, 0.47)	0.05 (-0.19, 0.30)
	World Bank Upper Middle Income	-0.08 (-0.18, 0.01)	-0.02 (-0.15, 0.11)	-0.15 (-0.26, -0.03)	0.13 (-0.04, 0.30)
	World Bank High Income	-0.28 (-0.35, -0.21)	-0.27 (-0.34, -0.20)	-0.31 (-0.38, -0.23)	0.04 (-0.07, 0.15)
	<b>SDI regions</b>				
	Low SDI	0.14 (0.02, 0.27)	0.11 (-0.03, 0.30)	0.19 (0.03, 0.39)	-0.08 (-0.32, 0.17)
	Low-middle SDI	0.28 (0.15, 0.41)	0.33 (0.17, 0.54)	0.24 (0.08, 0.42)	0.09 (-0.16, 0.34)
	Middle SDI	0.12 (0.02, 0.22)	0.21 (0.09, 0.35)	0.03 (-0.09, 0.15)	0.18 (0.00, 0.36)
	High-middle SDI	-0.16 (-0.23, -0.09)	-0.13 (-0.21, -0.04)	-0.19 (-0.27, -0.11)	0.07 (-0.05, 0.18)
	High SDI	-0.29 (-0.35, -0.21)	-0.29 (-0.36, -0.21)	-0.31 (-0.38, -0.22)	0.02 (-0.09, 0.13)
	<b>GBD super-regions</b>				
	Central Europe, Eastern Europe, and Central Asia	0.09 (-0.01, 0.21)	0.06 (-0.06, 0.19)	0.08 (-0.04, 0.23)	-0.02 (-0.21, 0.16)
	High-income	-0.29 (-0.35, -0.21)	-0.28 (-0.35, -0.20)	-0.32 (-0.39, -0.23)	0.04 (-0.07, 0.15)
	Latin America and Caribbean	-0.16 (-0.23, -0.07)	-0.09 (-0.18, 0.02)	-0.22 (-0.30, -0.14)	0.13 (0.00, 0.26)
	North Africa and Middle East	0.21 (0.07, 0.37)	0.25 (0.08, 0.42)	0.19 (0.05, 0.35)	0.06 (-0.17, 0.29)
	South Asia	0.26 (0.09, 0.45)	0.28 (0.06, 0.56)	0.27 (0.03, 0.58)	0.01 (-0.37, 0.38)
	Southeast Asia, East Asia, and Oceania	0.01 (-0.13, 0.16)	0.13 (-0.05, 0.34)	-0.10 (-0.25, 0.06)	0.23 (-0.02, 0.48)
	Sub-Saharan Africa	0.12 (0.00, 0.24)	0.11 (-0.02, 0.26)	0.14 (0.01, 0.29)	-0.03 (-0.23, 0.17)
	<b>GBD countries and territories</b>				
	Afghanistan	0.34 (-0.00, 0.70)	0.41 (0.04, 0.83)	0.26 (-0.06, 0.67)	0.15 (-0.38, 0.69)
	Albania	0.03 (-0.22, 0.34)	-0.07 (-0.29, 0.23)	0.12 (-0.14, 0.48)	-0.18 (-0.59, 0.23)
	Algeria	0.07 (-0.17, 0.39)	0.05 (-0.23, 0.42)	0.10 (-0.21, 0.49)	-0.05 (-0.53, 0.43)

American Samoa	0.06 (-0.10, 0.25)	-0.02 (-0.15, 0.14)	0.18 (-0.03, 0.47)	-0.20 (-0.49, 0.09)
Andorra	0.09 (-0.23, 0.45)	0.09 (-0.20, 0.45)	0.10 (-0.27, 0.56)	-0.01 (-0.54, 0.52)
Angola	0.02 (-0.21, 0.37)	0.01 (-0.23, 0.44)	0.12 (-0.20, 0.64)	-0.11 (-0.64, 0.42)
Antigua and Barbuda	-0.03 (-0.16, 0.13)	-0.20 (-0.32, -0.04)	0.14 (-0.03, 0.34)	-0.33 (-0.57, -0.10)
Argentina	-0.06 (-0.18, 0.07)	0.04 (-0.12, 0.21)	-0.15 (-0.28, -0.00)	0.19 (-0.02, 0.41)
Armenia	0.57 (0.19, 1.02)	0.84 (0.44, 1.28)	0.39 (-0.00, 0.95)	0.45 (-0.18, 1.09)
Australia	-0.26 (-0.39, -0.13)	-0.30 (-0.44, -0.15)	-0.28 (-0.44, -0.10)	-0.02 (-0.24, 0.21)
Austria	0.06 (-0.11, 0.27)	0.15 (-0.07, 0.40)	-0.05 (-0.25, 0.19)	0.20 (-0.12, 0.52)
Azerbaijan	2.33 (1.56, 3.21)	1.87 (1.09, 2.79)	2.68 (1.68, 3.86)	-0.81 (-2.19, 0.57)
Bahamas	-0.09 (-0.26, 0.12)	-0.10 (-0.29, 0.12)	-0.11 (-0.29, 0.13)	0.00 (-0.29, 0.30)
Bahrain	-0.25 (-0.40, -0.04)	-0.31 (-0.46, -0.10)	-0.17 (-0.36, 0.06)	-0.14 (-0.42, 0.13)
Bangladesh	0.11 (-0.12, 0.43)	0.01 (-0.24, 0.36)	0.28 (-0.05, 0.74)	-0.28 (-0.77, 0.22)
Barbados	-0.15 (-0.29, 0.02)	-0.11 (-0.29, 0.09)	-0.16 (-0.32, 0.02)	0.05 (-0.20, 0.30)
Belarus	0.07 (-0.15, 0.34)	0.14 (-0.10, 0.44)	-0.00 (-0.23, 0.29)	0.15 (-0.23, 0.52)
Belgium	-0.23 (-0.37, -0.09)	-0.19 (-0.35, -0.03)	-0.29 (-0.45, -0.12)	0.10 (-0.13, 0.33)
Belize	0.27 (0.09, 0.48)	0.52 (0.26, 0.82)	0.12 (-0.07, 0.32)	0.40 (0.06, 0.74)
Benin	0.36 (0.10, 0.69)	0.29 (0.01, 0.66)	0.46 (0.14, 0.89)	-0.17 (-0.67, 0.33)
Bermuda	-0.42 (-0.52, -0.29)	-0.38 (-0.51, -0.23)	-0.48 (-0.60, -0.33)	0.10 (-0.10, 0.29)
Bhutan	0.57 (0.20, 1.05)	0.60 (0.14, 1.21)	0.51 (0.14, 1.07)	0.09 (-0.62, 0.80)
Bolivia (Plurinational State of)	0.17 (-0.08, 0.46)	0.22 (-0.09, 0.60)	0.13 (-0.11, 0.43)	0.09 (-0.35, 0.53)
Bosnia and Herzegovina	0.77 (0.36, 1.28)	0.87 (0.43, 1.38)	0.67 (0.23, 1.23)	0.20 (-0.49, 0.89)
Botswana	0.45 (0.09, 0.90)	0.46 (0.16, 0.87)	0.45 (0.03, 1.07)	0.01 (-0.62, 0.64)
Brazil	-0.34 (-0.40, -0.28)	-0.30 (-0.37, -0.22)	-0.38 (-0.44, -0.31)	0.08 (-0.02, 0.18)
Brunei Darussalam	-0.33 (-0.42, -0.22)	-0.30 (-0.42, -0.17)	-0.33 (-0.42, -0.23)	0.03 (-0.13, 0.19)
Bulgaria	0.17 (-0.11, 0.51)	0.26 (-0.10, 0.69)	0.09 (-0.22, 0.49)	0.18 (-0.36, 0.71)
Burkina Faso	0.31 (0.08, 0.61)	0.33 (0.07, 0.67)	0.32 (0.04, 0.71)	0.02 (-0.43, 0.47)
Burundi	-0.17 (-0.36, 0.08)	-0.22 (-0.40, 0.04)	-0.15 (-0.37, 0.14)	-0.07 (-0.40, 0.27)
Cabo Verde	1.31 (0.89, 1.81)	1.21 (0.74, 1.76)	1.38 (0.85, 2.04)	-0.17 (-0.96, 0.61)
Cambodia	0.61 (0.27, 0.96)	0.72 (0.33, 1.16)	0.52 (0.20, 0.88)	0.20 (-0.34, 0.74)

Cameroon	0.29 (0.04, 0.61)	0.31 (0.02, 0.68)	0.29 (0.01, 0.66)	0.02 (-0.44, 0.49)
Canada	-0.07 (-0.23, 0.10)	-0.08 (-0.25, 0.09)	-0.10 (-0.32, 0.13)	0.02 (-0.26, 0.31)
Central African Republic	0.22 (-0.03, 0.55)	0.17 (-0.06, 0.44)	0.35 (-0.03, 0.88)	-0.18 (-0.70, 0.34)
Chad	0.48 (0.21, 0.82)	0.38 (0.07, 0.78)	0.58 (0.25, 1.00)	-0.20 (-0.72, 0.31)
Chile	-0.07 (-0.22, 0.10)	0.05 (-0.13, 0.23)	-0.18 (-0.35, 0.05)	0.23 (-0.04, 0.50)
China	-0.09 (-0.27, 0.11)	0.07 (-0.17, 0.37)	-0.23 (-0.42, 0.00)	0.30 (-0.05, 0.64)
Colombia	-0.42 (-0.54, -0.26)	-0.36 (-0.51, -0.17)	-0.47 (-0.57, -0.33)	0.10 (-0.11, 0.31)
Comoros	-0.02 (-0.24, 0.39)	-0.03 (-0.26, 0.41)	0.02 (-0.24, 0.49)	-0.05 (-0.54, 0.45)
Congo	-0.04 (-0.23, 0.19)	-0.21 (-0.35, -0.01)	0.18 (-0.13, 0.63)	-0.38 (-0.80, 0.03)
Cook Islands	-0.09 (-0.25, 0.10)	-0.02 (-0.17, 0.17)	-0.16 (-0.34, 0.10)	0.14 (-0.14, 0.42)
Costa Rica	-0.23 (-0.40, -0.00)	-0.16 (-0.36, 0.11)	-0.29 (-0.46, -0.08)	0.14 (-0.17, 0.44)
Côte d'Ivoire	0.29 (0.03, 0.58)	0.19 (-0.07, 0.49)	0.47 (0.13, 0.85)	-0.28 (-0.73, 0.17)
Croatia	-0.13 (-0.35, 0.16)	-0.13 (-0.38, 0.19)	-0.16 (-0.40, 0.16)	0.03 (-0.37, 0.43)
Cuba	-0.27 (-0.42, -0.07)	-0.22 (-0.42, 0.03)	-0.32 (-0.49, -0.10)	0.11 (-0.19, 0.40)
Cyprus	-0.54 (-0.61, -0.46)	-0.45 (-0.54, -0.35)	-0.63 (-0.69, -0.56)	0.18 (0.07, 0.30)
Czechia	-0.38 (-0.52, -0.20)	-0.45 (-0.58, -0.30)	-0.34 (-0.51, -0.08)	-0.11 (-0.37, 0.14)
Democratic People's Republic of Korea	0.20 (-0.04, 0.53)	0.25 (0.01, 0.58)	0.15 (-0.11, 0.51)	0.10 (-0.32, 0.52)
Democratic Republic of the Congo	0.01 (-0.21, 0.30)	0.03 (-0.19, 0.31)	0.10 (-0.18, 0.48)	-0.07 (-0.48, 0.34)
Denmark	-0.09 (-0.26, 0.08)	-0.15 (-0.31, 0.05)	-0.06 (-0.27, 0.16)	-0.09 (-0.37, 0.19)
Djibouti	0.27 (0.02, 0.60)	0.27 (-0.00, 0.66)	0.19 (-0.08, 0.57)	0.07 (-0.39, 0.54)
Dominica	-0.07 (-0.23, 0.13)	-0.08 (-0.28, 0.15)	-0.08 (-0.23, 0.13)	-0.01 (-0.29, 0.28)
Dominican Republic	1.01 (0.53, 1.58)	1.33 (0.67, 2.10)	0.73 (0.31, 1.26)	0.60 (-0.26, 1.46)
Ecuador	0.46 (0.17, 0.86)	0.70 (0.27, 1.26)	0.26 (0.01, 0.62)	0.43 (-0.15, 1.01)
Egypt	0.79 (0.37, 1.32)	0.96 (0.42, 1.62)	0.89 (0.43, 1.54)	0.06 (-0.76, 0.88)
El Salvador	0.73 (0.28, 1.27)	0.85 (0.34, 1.52)	0.65 (0.19, 1.22)	0.20 (-0.59, 0.98)
Equatorial Guinea	-0.01 (-0.29, 0.38)	-0.16 (-0.40, 0.25)	0.29 (-0.14, 1.08)	-0.45 (-1.14, 0.24)
Eritrea	0.22 (-0.10, 0.69)	0.12 (-0.14, 0.82)	0.31 (-0.15, 1.27)	-0.19 (-1.05, 0.67)
Estonia	-0.41 (-0.56, -0.22)	-0.45 (-0.59, -0.27)	-0.41 (-0.56, -0.19)	-0.04 (-0.29, 0.20)
Eswatini	0.50 (0.12, 1.00)	0.64 (0.33, 1.05)	0.41 (-0.07, 1.01)	0.23 (-0.42, 0.88)

Ethiopia	-0.41 (-0.55, -0.26)	-0.45 (-0.60, -0.24)	-0.37 (-0.54, -0.14)	-0.08 (-0.35, 0.19)
Fiji	0.27 (-0.02, 0.65)	0.28 (-0.01, 0.67)	0.28 (-0.03, 0.71)	-0.01 (-0.51, 0.50)
Finland	-0.22 (-0.36, -0.04)	-0.18 (-0.36, 0.02)	-0.28 (-0.46, -0.06)	0.10 (-0.17, 0.37)
France	-0.21 (-0.32, -0.09)	-0.24 (-0.34, -0.12)	-0.22 (-0.35, -0.05)	-0.02 (-0.21, 0.17)
Gabon	0.08 (-0.15, 0.31)	-0.04 (-0.24, 0.18)	0.22 (-0.06, 0.57)	-0.26 (-0.64, 0.12)
Gambia	0.69 (0.29, 1.16)	0.57 (0.16, 1.04)	0.84 (0.35, 1.41)	-0.26 (-0.95, 0.43)
Georgia	0.68 (0.35, 1.09)	0.86 (0.46, 1.35)	0.47 (0.13, 0.87)	0.39 (-0.19, 0.97)
Germany	-0.44 (-0.52, -0.34)	-0.45 (-0.53, -0.32)	-0.47 (-0.54, -0.36)	0.02 (-0.12, 0.16)
Ghana	0.46 (0.18, 0.83)	0.82 (0.45, 1.26)	0.23 (-0.05, 0.59)	0.59 (0.07, 1.11)
Greece	-0.06 (-0.24, 0.14)	0.08 (-0.15, 0.33)	-0.20 (-0.38, 0.04)	0.29 (-0.03, 0.61)
Greenland	0.32 (0.00, 0.66)	0.35 (0.03, 0.66)	0.15 (-0.19, 0.60)	0.21 (-0.30, 0.71)
Grenada	-0.11 (-0.22, 0.02)	-0.13 (-0.27, 0.04)	-0.12 (-0.23, 0.02)	-0.01 (-0.21, 0.19)
Guam	-0.08 (-0.25, 0.14)	0.13 (-0.11, 0.42)	-0.22 (-0.40, -0.02)	0.35 (0.02, 0.68)
Guatemala	0.63 (0.26, 1.14)	0.86 (0.36, 1.51)	0.46 (0.11, 0.97)	0.40 (-0.32, 1.12)
Guinea-Bissau	0.30 (0.02, 0.70)	0.16 (-0.11, 0.51)	0.53 (0.13, 1.13)	-0.37 (-0.96, 0.22)
Guinea	0.55 (0.22, 0.96)	0.62 (0.22, 1.08)	0.49 (0.13, 0.97)	0.14 (-0.47, 0.74)
Guyana	-0.11 (-0.31, 0.14)	-0.08 (-0.30, 0.25)	-0.15 (-0.34, 0.08)	0.07 (-0.28, 0.41)
Haiti	-0.05 (-0.24, 0.22)	-0.07 (-0.30, 0.27)	-0.04 (-0.25, 0.27)	-0.03 (-0.42, 0.36)
Honduras	0.64 (0.40, 1.02)	0.49 (0.23, 0.82)	0.85 (0.49, 1.41)	-0.36 (-0.91, 0.18)
Hungary	-0.03 (-0.26, 0.26)	0.07 (-0.20, 0.39)	-0.12 (-0.36, 0.25)	0.19 (-0.23, 0.61)
Iceland	-0.09 (-0.28, 0.11)	0.07 (-0.17, 0.35)	-0.30 (-0.48, -0.08)	0.37 (0.04, 0.70)
India	0.21 (0.02, 0.43)	0.25 (-0.00, 0.59)	0.19 (-0.06, 0.52)	0.05 (-0.36, 0.46)
Indonesia	0.58 (0.31, 0.84)	0.64 (0.29, 1.07)	0.52 (0.19, 0.87)	0.12 (-0.39, 0.64)
Iran (Islamic Republic of)	0.20 (0.08, 0.35)	0.12 (-0.01, 0.28)	0.31 (0.15, 0.52)	-0.19 (-0.44, 0.05)
Iraq	0.15 (-0.11, 0.46)	0.27 (-0.05, 0.66)	0.04 (-0.22, 0.38)	0.23 (-0.24, 0.69)
Ireland	-0.05 (-0.25, 0.19)	-0.00 (-0.24, 0.26)	-0.11 (-0.35, 0.16)	0.11 (-0.24, 0.46)
Israel	-0.13 (-0.26, -0.00)	-0.03 (-0.18, 0.11)	-0.22 (-0.38, -0.07)	0.19 (-0.02, 0.40)
Italy	-0.31 (-0.39, -0.22)	-0.25 (-0.35, -0.15)	-0.36 (-0.45, -0.27)	0.11 (-0.03, 0.24)
Jamaica	0.17 (-0.06, 0.44)	0.26 (-0.01, 0.59)	0.10 (-0.10, 0.34)	0.16 (-0.22, 0.53)

Japan	-0.47 (-0.55, -0.38)	-0.44 (-0.52, -0.35)	-0.54 (-0.63, -0.42)	0.10 (-0.04, 0.24)
Jordan	-0.32 (-0.45, -0.16)	-0.15 (-0.38, 0.16)	-0.43 (-0.56, -0.27)	0.28 (-0.02, 0.58)
Kazakhstan	0.92 (0.51, 1.45)	1.20 (0.72, 1.77)	0.79 (0.28, 1.41)	0.41 (-0.36, 1.18)
Kenya	0.21 (0.06, 0.39)	0.39 (0.14, 0.69)	0.06 (-0.14, 0.29)	0.33 (-0.01, 0.67)
Kiribati	0.23 (-0.03, 0.57)	0.18 (-0.11, 0.55)	0.30 (0.01, 0.67)	-0.12 (-0.58, 0.35)
Kuwait	-0.33 (-0.45, -0.18)	-0.18 (-0.35, 0.06)	-0.51 (-0.61, -0.40)	0.34 (0.10, 0.57)
Kyrgyzstan	0.39 (0.11, 0.83)	0.31 (0.07, 0.65)	0.43 (0.06, 1.08)	-0.12 (-0.71, 0.47)
Lao People's Democratic Republic	0.21 (-0.06, 0.54)	0.19 (-0.11, 0.60)	0.20 (-0.10, 0.64)	-0.01 (-0.52, 0.50)
Latvia	-0.11 (-0.27, 0.08)	-0.19 (-0.37, 0.04)	-0.07 (-0.28, 0.23)	-0.11 (-0.44, 0.21)
Lebanon	0.02 (-0.20, 0.29)	0.10 (-0.16, 0.47)	-0.05 (-0.27, 0.25)	0.15 (-0.26, 0.56)
Lesotho	1.01 (0.50, 1.58)	0.84 (0.49, 1.28)	1.13 (0.44, 1.91)	-0.30 (-1.13, 0.54)
Liberia	0.11 (-0.13, 0.42)	0.01 (-0.22, 0.35)	0.21 (-0.06, 0.61)	-0.20 (-0.65, 0.24)
Libya	0.17 (-0.07, 0.50)	0.15 (-0.12, 0.49)	0.20 (-0.06, 0.57)	-0.05 (-0.50, 0.39)
Lithuania	-0.11 (-0.26, 0.08)	-0.05 (-0.22, 0.17)	-0.15 (-0.31, 0.06)	0.10 (-0.18, 0.37)
Luxembourg	0.06 (-0.16, 0.30)	0.05 (-0.17, 0.31)	0.02 (-0.21, 0.27)	0.04 (-0.30, 0.38)
Madagascar	0.08 (-0.18, 0.39)	0.07 (-0.21, 0.43)	0.14 (-0.14, 0.49)	-0.06 (-0.51, 0.38)
Malawi	0.01 (-0.17, 0.23)	0.20 (-0.01, 0.47)	-0.14 (-0.34, 0.11)	0.34 (0.00, 0.67)
Malaysia	-0.06 (-0.27, 0.21)	-0.00 (-0.24, 0.30)	-0.10 (-0.33, 0.19)	0.10 (-0.27, 0.48)
Maldives	-0.32 (-0.46, -0.14)	-0.22 (-0.40, 0.01)	-0.42 (-0.56, -0.25)	0.20 (-0.05, 0.46)
Mali	0.29 (0.03, 0.58)	0.18 (-0.10, 0.53)	0.40 (0.10, 0.77)	-0.21 (-0.68, 0.25)
Malta	-0.43 (-0.52, -0.32)	-0.39 (-0.50, -0.21)	-0.47 (-0.57, -0.36)	0.09 (-0.09, 0.26)
Marshall Islands	0.12 (-0.10, 0.41)	-0.07 (-0.28, 0.18)	0.37 (0.08, 0.73)	-0.44 (-0.84, -0.05)
Mauritania	-0.09 (-0.27, 0.13)	-0.24 (-0.42, -0.01)	0.07 (-0.16, 0.33)	-0.31 (-0.63, 0.01)
Mauritius	0.13 (-0.13, 0.46)	0.14 (-0.15, 0.48)	0.12 (-0.16, 0.46)	0.02 (-0.42, 0.46)
Mexico	-0.02 (-0.14, 0.12)	0.12 (-0.08, 0.35)	-0.13 (-0.27, 0.03)	0.25 (-0.01, 0.51)
Micronesia (Federated States of)	0.72 (0.26, 1.24)	0.69 (0.22, 1.24)	0.73 (0.28, 1.33)	-0.05 (-0.78, 0.68)
Monaco	0.15 (-0.18, 0.53)	0.14 (-0.19, 0.53)	0.12 (-0.25, 0.55)	0.02 (-0.52, 0.56)
Mongolia	0.08 (-0.15, 0.39)	0.24 (-0.03, 0.60)	-0.07 (-0.29, 0.22)	0.31 (-0.09, 0.72)
Montenegro	0.57 (0.23, 0.98)	0.45 (0.11, 0.95)	0.65 (0.25, 1.15)	-0.20 (-0.82, 0.41)

Morocco	0.87 (0.46, 1.31)	0.93 (0.45, 1.41)	0.80 (0.38, 1.35)	0.13 (-0.55, 0.82)
Mozambique	0.37 (0.10, 0.74)	0.62 (0.31, 1.04)	0.15 (-0.16, 0.58)	0.47 (-0.05, 0.99)
Myanmar	0.08 (-0.14, 0.39)	0.23 (-0.05, 0.59)	-0.03 (-0.24, 0.27)	0.25 (-0.16, 0.66)
Namibia	0.06 (-0.14, 0.32)	0.18 (-0.04, 0.48)	-0.03 (-0.26, 0.27)	0.21 (-0.16, 0.58)
Nauru	0.46 (0.24, 0.74)	0.47 (0.12, 0.90)	0.51 (0.17, 0.92)	-0.03 (-0.57, 0.51)
Nepal	0.52 (0.17, 0.95)	0.58 (0.14, 1.17)	0.48 (0.10, 1.05)	0.11 (-0.60, 0.81)
Netherlands	-0.38 (-0.49, -0.25)	-0.37 (-0.50, -0.22)	-0.40 (-0.55, -0.22)	0.04 (-0.18, 0.25)
New Zealand	-0.15 (-0.29, 0.03)	-0.16 (-0.32, 0.04)	-0.16 (-0.33, 0.08)	-0.01 (-0.28, 0.26)
Nicaragua	0.56 (0.32, 0.81)	0.36 (0.10, 0.65)	0.77 (0.51, 1.04)	-0.41 (-0.79, -0.03)
Niger	0.64 (0.28, 1.07)	0.46 (0.06, 1.02)	0.82 (0.40, 1.41)	-0.36 (-1.06, 0.33)
Nigeria	0.04 (-0.18, 0.29)	0.03 (-0.27, 0.41)	0.03 (-0.24, 0.36)	-0.01 (-0.46, 0.45)
Niue	0.13 (-0.09, 0.40)	0.13 (-0.08, 0.37)	0.12 (-0.15, 0.49)	0.01 (-0.39, 0.40)
North Macedonia	0.61 (0.21, 1.07)	0.69 (0.22, 1.26)	0.54 (0.10, 1.07)	0.15 (-0.56, 0.86)
Northern Mariana Islands	0.23 (0.02, 0.45)	0.46 (0.24, 0.73)	0.01 (-0.24, 0.30)	0.45 (0.09, 0.82)
Norway	-0.38 (-0.47, -0.28)	-0.45 (-0.54, -0.34)	-0.31 (-0.43, -0.18)	-0.14 (-0.30, 0.02)
Oman	0.31 (0.01, 0.68)	0.41 (0.06, 0.85)	0.21 (-0.09, 0.65)	0.19 (-0.34, 0.73)
Pakistan	0.87 (0.54, 1.32)	0.77 (0.35, 1.32)	1.01 (0.55, 1.74)	-0.24 (-1.01, 0.52)
Palau	0.31 (-0.01, 0.68)	0.31 (0.00, 0.68)	0.27 (-0.07, 0.69)	0.04 (-0.47, 0.55)
Palestine	0.08 (-0.15, 0.39)	0.06 (-0.17, 0.41)	0.12 (-0.13, 0.47)	-0.06 (-0.47, 0.36)
Panama	-0.05 (-0.27, 0.24)	0.01 (-0.25, 0.36)	-0.11 (-0.31, 0.16)	0.12 (-0.27, 0.50)
Papua New Guinea	0.50 (0.18, 0.90)	0.31 (0.02, 0.70)	0.89 (0.40, 1.55)	-0.58 (-1.24, 0.09)
Paraguay	0.64 (0.23, 1.17)	0.89 (0.34, 1.62)	0.43 (0.05, 0.91)	0.46 (-0.31, 1.23)
Peru	-0.09 (-0.34, 0.22)	-0.12 (-0.38, 0.25)	-0.06 (-0.31, 0.26)	-0.06 (-0.48, 0.37)
Philippines	0.15 (-0.04, 0.37)	0.20 (-0.08, 0.54)	0.10 (-0.14, 0.37)	0.10 (-0.30, 0.50)
Poland	-0.27 (-0.40, -0.12)	-0.19 (-0.37, 0.00)	-0.34 (-0.50, -0.15)	0.14 (-0.12, 0.40)
Portugal	-0.36 (-0.48, -0.22)	-0.31 (-0.45, -0.15)	-0.40 (-0.55, -0.25)	0.10 (-0.12, 0.31)
Puerto Rico	-0.30 (-0.46, -0.10)	-0.24 (-0.43, 0.00)	-0.35 (-0.50, -0.16)	0.11 (-0.17, 0.38)
Qatar	-0.18 (-0.35, 0.05)	-0.31 (-0.49, -0.09)	0.19 (-0.06, 0.51)	-0.50 (-0.85, -0.16)
Republic of Korea	-0.43 (-0.53, -0.32)	-0.43 (-0.55, -0.28)	-0.46 (-0.57, -0.33)	0.03 (-0.15, 0.20)

Republic of Moldova	-0.15 (-0.32, 0.11)	-0.02 (-0.24, 0.35)	-0.24 (-0.42, 0.03)	0.22 (-0.15, 0.59)
Romania	-0.13 (-0.29, 0.08)	-0.04 (-0.25, 0.24)	-0.21 (-0.36, 0.02)	0.17 (-0.14, 0.48)
Russian Federation	-0.06 (-0.22, 0.13)	-0.21 (-0.39, 0.01)	0.01 (-0.22, 0.31)	-0.22 (-0.55, 0.11)
Rwanda	-0.24 (-0.41, -0.05)	-0.28 (-0.45, -0.06)	-0.17 (-0.39, 0.15)	-0.11 (-0.44, 0.22)
Saint Kitts and Nevis	-0.36 (-0.45, -0.24)	-0.27 (-0.39, -0.12)	-0.45 (-0.54, -0.33)	0.17 (-0.00, 0.34)
Saint Lucia	-0.36 (-0.46, -0.25)	-0.32 (-0.44, -0.19)	-0.41 (-0.50, -0.30)	0.09 (-0.07, 0.25)
Saint Vincent and the Grenadines	-0.12 (-0.23, -0.00)	-0.04 (-0.19, 0.13)	-0.18 (-0.29, -0.06)	0.14 (-0.06, 0.33)
Samoa	0.18 (-0.04, 0.47)	0.03 (-0.14, 0.26)	0.35 (0.03, 0.79)	-0.32 (-0.75, 0.11)
San Marino	0.21 (-0.19, 0.72)	0.23 (-0.20, 0.71)	0.17 (-0.26, 0.74)	0.06 (-0.61, 0.73)
Sao Tome and Principe	0.54 (0.27, 0.90)	0.46 (0.16, 0.88)	0.55 (0.21, 0.98)	-0.09 (-0.62, 0.44)
Saudi Arabia	-0.04 (-0.25, 0.30)	-0.05 (-0.28, 0.31)	-0.05 (-0.32, 0.31)	0.01 (-0.42, 0.44)
Senegal	0.19 (-0.03, 0.50)	0.07 (-0.16, 0.40)	0.33 (0.05, 0.70)	-0.26 (-0.69, 0.17)
Serbia	0.28 (-0.03, 0.67)	0.37 (-0.01, 0.82)	0.20 (-0.12, 0.65)	0.18 (-0.39, 0.75)
Seychelles	0.22 (0.02, 0.47)	0.00 (-0.21, 0.27)	0.42 (0.13, 0.78)	-0.42 (-0.82, -0.01)
Sierra Leone	0.30 (0.03, 0.66)	0.02 (-0.20, 0.30)	0.64 (0.26, 1.16)	-0.62 (-1.14, -0.11)
Singapore	-0.63 (-0.70, -0.56)	-0.59 (-0.68, -0.48)	-0.69 (-0.75, -0.61)	0.10 (-0.02, 0.22)
Slovakia	-0.22 (-0.42, 0.00)	-0.18 (-0.42, 0.12)	-0.24 (-0.44, 0.01)	0.06 (-0.29, 0.41)
Slovenia	-0.41 (-0.59, -0.16)	-0.29 (-0.52, 0.02)	-0.52 (-0.68, -0.30)	0.24 (-0.09, 0.57)
Solomon Islands	0.83 (0.41, 1.34)	0.76 (0.32, 1.30)	0.98 (0.42, 1.62)	-0.22 (-0.99, 0.55)
Somalia	0.10 (-0.14, 0.43)	0.13 (-0.12, 0.50)	0.14 (-0.17, 0.60)	-0.01 (-0.51, 0.48)
South Africa	0.48 (0.36, 0.62)	0.53 (0.38, 0.72)	0.44 (0.30, 0.61)	0.08 (-0.15, 0.31)
South Sudan	0.01 (-0.20, 0.28)	0.03 (-0.21, 0.35)	-0.05 (-0.26, 0.23)	0.08 (-0.29, 0.44)
Spain	-0.46 (-0.55, -0.36)	-0.39 (-0.51, -0.24)	-0.53 (-0.62, -0.43)	0.15 (-0.01, 0.31)
Sri Lanka	0.14 (-0.14, 0.49)	0.11 (-0.16, 0.46)	0.21 (-0.10, 0.63)	-0.10 (-0.58, 0.38)
Sudan	0.41 (0.09, 0.88)	0.37 (-0.00, 0.92)	0.45 (0.11, 0.98)	-0.08 (-0.72, 0.56)
Suriname	0.04 (-0.14, 0.28)	0.10 (-0.13, 0.40)	-0.03 (-0.21, 0.21)	0.14 (-0.20, 0.47)
Sweden	-0.15 (-0.29, 0.01)	-0.19 (-0.35, 0.01)	-0.13 (-0.33, 0.11)	-0.06 (-0.34, 0.23)
Switzerland	-0.36 (-0.47, -0.21)	-0.34 (-0.48, -0.19)	-0.37 (-0.52, -0.17)	0.03 (-0.20, 0.26)
Syrian Arab Republic	0.37 (-0.02, 0.88)	0.47 (0.00, 1.12)	0.36 (-0.03, 0.96)	0.11 (-0.64, 0.85)



	Taiwan (Province of China)	-0.23 (-0.39, -0.02)	-0.06 (-0.27, 0.22)	-0.37 (-0.51, -0.21)	0.31 (0.03, 0.60)
	Tajikistan	3.49 (2.33, 4.89)	3.26 (2.00, 4.76)	3.65 (2.40, 5.12)	-0.39 (-2.33, 1.55)
	Thailand	-0.15 (-0.37, 0.13)	-0.16 (-0.41, 0.15)	-0.15 (-0.38, 0.14)	-0.01 (-0.39, 0.37)
	Timor-Leste	0.86 (0.43, 1.38)	1.03 (0.48, 1.74)	0.70 (0.28, 1.22)	0.33 (-0.45, 1.12)
	Togo	0.16 (-0.03, 0.41)	0.22 (0.01, 0.50)	0.12 (-0.07, 0.39)	0.10 (-0.23, 0.44)
	Tokelau	0.21 (-0.03, 0.52)	0.30 (0.04, 0.63)	0.20 (-0.08, 0.57)	0.10 (-0.34, 0.53)
	Tonga	0.23 (-0.01, 0.55)	0.45 (0.13, 0.85)	0.05 (-0.15, 0.33)	0.39 (-0.04, 0.83)
	Trinidad and Tobago	-0.30 (-0.46, -0.11)	-0.28 (-0.46, -0.05)	-0.34 (-0.49, -0.16)	0.06 (-0.20, 0.32)
	Tunisia	0.14 (-0.14, 0.50)	0.10 (-0.20, 0.50)	0.22 (-0.09, 0.67)	-0.12 (-0.63, 0.40)
	Turkey	-0.19 (-0.39, 0.04)	-0.15 (-0.37, 0.14)	-0.22 (-0.42, 0.04)	0.07 (-0.28, 0.41)
	Turkmenistan	0.93 (0.41, 1.57)	1.00 (0.35, 1.84)	0.84 (0.29, 1.50)	0.16 (-0.80, 1.12)
	Tuvalu	0.30 (0.01, 0.72)	0.23 (-0.05, 0.63)	0.34 (-0.00, 0.81)	-0.11 (-0.64, 0.42)
	Uganda	0.08 (-0.11, 0.31)	0.13 (-0.07, 0.37)	0.11 (-0.15, 0.45)	0.02 (-0.35, 0.39)
	Ukraine	0.25 (0.04, 0.53)	0.30 (0.04, 0.65)	0.15 (-0.12, 0.50)	0.15 (-0.29, 0.59)
	United Arab Emirates	-0.35 (-0.48, -0.18)	-0.29 (-0.46, -0.07)	-0.44 (-0.57, -0.27)	0.14 (-0.10, 0.39)
	United Kingdom	-0.32 (-0.42, -0.21)	-0.37 (-0.46, -0.27)	-0.29 (-0.42, -0.16)	-0.08 (-0.24, 0.08)
	United Republic of Tanzania	0.25 (0.04, 0.52)	0.29 (0.04, 0.62)	0.20 (-0.05, 0.54)	0.09 (-0.32, 0.50)
	United States of America	-0.08 (-0.18, 0.02)	-0.14 (-0.25, -0.02)	-0.04 (-0.14, 0.07)	-0.09 (-0.25, 0.06)
	United States Virgin Islands	0.21 (-0.01, 0.47)	0.50 (0.20, 0.89)	-0.05 (-0.24, 0.18)	0.55 (0.14, 0.96)
	Uruguay	0.19 (0.03, 0.37)	0.56 (0.29, 0.84)	-0.08 (-0.21, 0.08)	0.64 (0.33, 0.96)
	Uzbekistan	4.69 (3.35, 6.24)	4.35 (3.10, 5.93)	4.95 (3.29, 6.78)	-0.60 (-2.84, 1.65)
	Vanuatu	0.72 (0.34, 1.30)	0.60 (0.22, 1.13)	0.93 (0.40, 1.80)	-0.33 (-1.16, 0.51)
	Venezuela (Bolivarian Republic of)	0.05 (-0.19, 0.35)	0.18 (-0.11, 0.57)	-0.07 (-0.27, 0.19)	0.25 (-0.16, 0.66)
	Viet Nam	0.41 (0.13, 0.72)	0.77 (0.37, 1.27)	0.17 (-0.10, 0.47)	0.60 (0.06, 1.13)
	Yemen	0.51 (0.12, 0.99)	0.34 (-0.06, 0.85)	0.62 (0.19, 1.21)	-0.28 (-0.96, 0.40)
	Zambia	0.08 (-0.13, 0.33)	0.27 (0.03, 0.60)	-0.09 (-0.32, 0.20)	0.37 (-0.02, 0.76)
	Zimbabwe	0.60 (0.28, 0.97)	0.61 (0.32, 0.95)	0.59 (0.20, 1.10)	0.02 (-0.53, 0.57)
<b>DALYs</b>	<b>Global</b>	0.07 (0.01, 0.14)	0.09 (0.02, 0.18)	0.04 (-0.03, 0.11)	0.05 (-0.06, 0.16)
	<b>World Bank income levels</b>				

World Bank Low Income	0.06 (-0.04, 0.17)	0.05 (-0.07, 0.19)	0.08 (-0.03, 0.20)	-0.03 (-0.20, 0.14)
World Bank Lower Middle Income	0.34 (0.23, 0.46)	0.37 (0.22, 0.54)	0.31 (0.18, 0.45)	0.06 (-0.15, 0.27)
World Bank Upper Middle Income	-0.05 (-0.13, 0.04)	0.01 (-0.10, 0.13)	-0.11 (-0.20, -0.02)	0.12 (-0.03, 0.26)
World Bank High Income	-0.11 (-0.19, -0.03)	-0.12 (-0.20, -0.04)	-0.13 (-0.21, -0.05)	0.00 (-0.11, 0.12)
<b>SDI regions</b>				
Low SDI	0.15 (0.04, 0.26)	0.13 (0.00, 0.29)	0.19 (0.06, 0.34)	-0.06 (-0.27, 0.14)
Low-middle SDI	0.29 (0.18, 0.41)	0.35 (0.19, 0.52)	0.25 (0.12, 0.39)	0.10 (-0.12, 0.31)
Middle SDI	0.14 (0.06, 0.23)	0.23 (0.12, 0.36)	0.05 (-0.05, 0.15)	0.19 (0.04, 0.34)
High-middle SDI	-0.09 (-0.16, -0.02)	-0.08 (-0.16, 0.01)	-0.12 (-0.19, -0.04)	0.04 (-0.07, 0.15)
High SDI	-0.11 (-0.19, -0.02)	-0.13 (-0.21, -0.04)	-0.11 (-0.20, -0.03)	-0.02 (-0.14, 0.10)
<b>GBD super-regions</b>				
Central Europe, Eastern Europe, and Central Asia	0.14 (0.05, 0.24)	0.11 (0.01, 0.25)	0.13 (0.03, 0.26)	-0.02 (-0.19, 0.15)
High-income	-0.12 (-0.20, -0.04)	-0.13 (-0.21, -0.05)	-0.13 (-0.22, -0.04)	-0.01 (-0.12, 0.11)
Latin America and Caribbean	-0.07 (-0.13, 0.01)	0.00 (-0.09, 0.09)	-0.13 (-0.20, -0.05)	0.13 (0.02, 0.25)
North Africa and Middle East	0.27 (0.14, 0.41)	0.30 (0.15, 0.45)	0.24 (0.12, 0.39)	0.05 (-0.15, 0.26)
South Asia	0.30 (0.15, 0.45)	0.31 (0.11, 0.56)	0.30 (0.10, 0.53)	0.01 (-0.30, 0.32)
Southeast Asia, East Asia, and Oceania	0.01 (-0.09, 0.12)	0.12 (-0.03, 0.28)	-0.10 (-0.21, 0.02)	0.21 (0.02, 0.41)
Sub-Saharan Africa	0.10 (-0.00, 0.22)	0.11 (-0.01, 0.25)	0.11 (-0.00, 0.23)	0.00 (-0.17, 0.18)
<b>GBD countries and territories</b>				
Afghanistan	0.37 (0.06, 0.74)	0.42 (0.07, 0.81)	0.32 (0.01, 0.74)	0.09 (-0.43, 0.61)
Albania	0.07 (-0.12, 0.31)	0.00 (-0.20, 0.26)	0.15 (-0.04, 0.40)	-0.14 (-0.46, 0.18)
Algeria	0.15 (-0.09, 0.42)	0.13 (-0.12, 0.45)	0.16 (-0.11, 0.47)	-0.03 (-0.44, 0.38)
American Samoa	0.18 (0.03, 0.38)	0.10 (-0.05, 0.28)	0.34 (0.13, 0.59)	-0.24 (-0.53, 0.04)
Andorra	0.25 (-0.01, 0.53)	0.21 (-0.05, 0.50)	0.33 (0.01, 0.65)	-0.12 (-0.54, 0.30)
Angola	-0.01 (-0.22, 0.30)	0.01 (-0.23, 0.39)	0.05 (-0.20, 0.40)	-0.04 (-0.48, 0.39)
Antigua and Barbuda	0.02 (-0.10, 0.16)	-0.11 (-0.24, 0.05)	0.15 (0.01, 0.33)	-0.26 (-0.47, -0.05)
Argentina	0.02 (-0.08, 0.14)	0.08 (-0.06, 0.22)	-0.03 (-0.15, 0.10)	0.11 (-0.08, 0.30)
Armenia	0.52 (0.24, 0.87)	0.80 (0.46, 1.18)	0.33 (0.04, 0.72)	0.47 (-0.03, 0.96)
Australia	-0.08 (-0.20, 0.05)	-0.12 (-0.26, 0.02)	-0.08 (-0.23, 0.08)	-0.04 (-0.25, 0.17)

Austria	0.15 (0.00, 0.29)	0.18 (-0.00, 0.36)	0.08 (-0.08, 0.24)	0.09 (-0.15, 0.34)
Azerbaijan	1.53 (1.05, 2.08)	1.34 (0.77, 2.01)	1.69 (1.11, 2.37)	-0.35 (-1.24, 0.54)
Bahamas	0.02 (-0.14, 0.20)	0.05 (-0.13, 0.27)	-0.03 (-0.18, 0.15)	0.08 (-0.18, 0.34)
Bahrain	-0.18 (-0.35, 0.02)	-0.24 (-0.40, -0.04)	-0.11 (-0.30, 0.10)	-0.13 (-0.40, 0.14)
Bangladesh	0.04 (-0.15, 0.27)	-0.02 (-0.23, 0.24)	0.15 (-0.09, 0.48)	-0.17 (-0.54, 0.20)
Barbados	-0.05 (-0.18, 0.09)	-0.01 (-0.16, 0.16)	-0.07 (-0.22, 0.08)	0.07 (-0.15, 0.29)
Belarus	0.07 (-0.12, 0.29)	0.14 (-0.09, 0.40)	-0.02 (-0.19, 0.21)	0.16 (-0.16, 0.48)
Belgium	-0.07 (-0.18, 0.05)	-0.06 (-0.19, 0.10)	-0.09 (-0.24, 0.05)	0.04 (-0.17, 0.24)
Belize	0.41 (0.25, 0.60)	0.64 (0.42, 0.92)	0.25 (0.09, 0.43)	0.39 (0.09, 0.70)
Benin	0.37 (0.12, 0.68)	0.29 (0.04, 0.62)	0.47 (0.18, 0.82)	-0.18 (-0.61, 0.26)
Bermuda	-0.30 (-0.40, -0.18)	-0.30 (-0.42, -0.16)	-0.33 (-0.43, -0.20)	0.03 (-0.14, 0.20)
Bhutan	0.39 (0.10, 0.79)	0.45 (0.10, 0.92)	0.32 (0.04, 0.74)	0.14 (-0.40, 0.67)
Bolivia (Plurinational State of)	0.11 (-0.10, 0.36)	0.17 (-0.10, 0.51)	0.06 (-0.13, 0.31)	0.11 (-0.26, 0.49)
Bosnia and Herzegovina	0.71 (0.39, 1.11)	0.82 (0.46, 1.24)	0.59 (0.26, 1.00)	0.23 (-0.31, 0.77)
Botswana	0.47 (0.12, 0.89)	0.45 (0.15, 0.83)	0.50 (0.09, 1.08)	-0.04 (-0.65, 0.56)
Brazil	-0.26 (-0.32, -0.21)	-0.23 (-0.29, -0.16)	-0.29 (-0.35, -0.23)	0.06 (-0.03, 0.15)
Brunei Darussalam	-0.29 (-0.37, -0.20)	-0.27 (-0.38, -0.15)	-0.30 (-0.39, -0.20)	0.03 (-0.12, 0.17)
Bulgaria	0.19 (-0.05, 0.49)	0.29 (-0.02, 0.68)	0.08 (-0.15, 0.40)	0.20 (-0.24, 0.65)
Burkina Faso	0.34 (0.12, 0.61)	0.37 (0.11, 0.69)	0.33 (0.09, 0.65)	0.04 (-0.36, 0.45)
Burundi	-0.18 (-0.35, 0.05)	-0.23 (-0.40, 0.01)	-0.17 (-0.35, 0.09)	-0.06 (-0.36, 0.24)
Cabo Verde	1.07 (0.79, 1.39)	1.00 (0.71, 1.34)	1.09 (0.74, 1.48)	-0.09 (-0.58, 0.40)
Cambodia	0.46 (0.17, 0.76)	0.59 (0.25, 0.97)	0.36 (0.09, 0.64)	0.23 (-0.22, 0.69)
Cameroon	0.34 (0.07, 0.67)	0.36 (0.07, 0.73)	0.31 (0.04, 0.67)	0.05 (-0.40, 0.51)
Canada	0.07 (-0.07, 0.20)	0.05 (-0.11, 0.20)	0.06 (-0.12, 0.23)	-0.01 (-0.25, 0.22)
Central African Republic	0.22 (-0.03, 0.53)	0.18 (-0.05, 0.44)	0.31 (-0.01, 0.76)	-0.13 (-0.59, 0.32)
Chad	0.45 (0.21, 0.75)	0.36 (0.08, 0.70)	0.54 (0.26, 0.89)	-0.18 (-0.62, 0.26)
Chile	0.04 (-0.09, 0.18)	0.12 (-0.05, 0.27)	-0.04 (-0.20, 0.16)	0.15 (-0.09, 0.40)
China	-0.10 (-0.24, 0.06)	0.03 (-0.16, 0.27)	-0.22 (-0.37, -0.05)	0.26 (-0.01, 0.53)
Colombia	-0.28 (-0.41, -0.14)	-0.22 (-0.36, -0.04)	-0.33 (-0.45, -0.21)	0.11 (-0.08, 0.31)

Comoros	0.00 (-0.23, 0.53)	0.01 (-0.23, 0.57)	0.01 (-0.23, 0.55)	-0.01 (-0.57, 0.55)
Congo	-0.08 (-0.26, 0.14)	-0.23 (-0.38, -0.06)	0.12 (-0.14, 0.48)	-0.36 (-0.71, -0.01)
Cook Islands	0.02 (-0.14, 0.21)	0.13 (-0.05, 0.33)	-0.09 (-0.28, 0.13)	0.23 (-0.05, 0.51)
Costa Rica	-0.03 (-0.19, 0.15)	0.06 (-0.13, 0.30)	-0.12 (-0.26, 0.05)	0.18 (-0.09, 0.44)
Côte d'Ivoire	0.29 (0.04, 0.56)	0.17 (-0.06, 0.43)	0.48 (0.17, 0.82)	-0.31 (-0.72, 0.10)
Croatia	-0.06 (-0.24, 0.16)	-0.06 (-0.27, 0.21)	-0.10 (-0.30, 0.14)	0.03 (-0.29, 0.36)
Cuba	-0.13 (-0.27, 0.02)	-0.05 (-0.24, 0.14)	-0.22 (-0.35, -0.05)	0.16 (-0.08, 0.40)
Cyprus	-0.45 (-0.52, -0.36)	-0.38 (-0.47, -0.28)	-0.53 (-0.60, -0.45)	0.15 (0.03, 0.27)
Czechia	-0.24 (-0.38, -0.06)	-0.31 (-0.45, -0.14)	-0.19 (-0.35, 0.04)	-0.13 (-0.38, 0.12)
Democratic People's Republic of Korea	0.21 (-0.01, 0.48)	0.25 (0.02, 0.54)	0.17 (-0.06, 0.45)	0.09 (-0.28, 0.45)
Democratic Republic of the Congo	0.04 (-0.17, 0.30)	0.04 (-0.17, 0.29)	0.10 (-0.15, 0.40)	-0.05 (-0.41, 0.30)
Denmark	-0.02 (-0.16, 0.13)	-0.09 (-0.23, 0.08)	0.06 (-0.11, 0.23)	-0.14 (-0.37, 0.09)
Djibouti	0.26 (0.02, 0.59)	0.28 (0.02, 0.66)	0.17 (-0.08, 0.50)	0.10 (-0.33, 0.53)
Dominica	0.07 (-0.09, 0.26)	0.12 (-0.08, 0.34)	0.01 (-0.14, 0.20)	0.11 (-0.16, 0.38)
Dominican Republic	0.88 (0.50, 1.34)	1.14 (0.64, 1.76)	0.63 (0.30, 1.04)	0.51 (-0.17, 1.18)
Ecuador	0.46 (0.22, 0.77)	0.61 (0.31, 1.02)	0.32 (0.12, 0.61)	0.28 (-0.15, 0.72)
Egypt	0.89 (0.47, 1.40)	1.04 (0.54, 1.69)	0.88 (0.47, 1.38)	0.16 (-0.57, 0.89)
El Salvador	0.79 (0.43, 1.22)	0.93 (0.51, 1.45)	0.69 (0.33, 1.10)	0.24 (-0.37, 0.84)
Equatorial Guinea	-0.12 (-0.36, 0.19)	-0.24 (-0.45, 0.10)	0.12 (-0.21, 0.68)	-0.36 (-0.88, 0.16)
Eritrea	0.13 (-0.12, 0.48)	0.07 (-0.16, 0.62)	0.20 (-0.16, 0.84)	-0.12 (-0.76, 0.51)
Estonia	-0.28 (-0.41, -0.11)	-0.35 (-0.48, -0.17)	-0.24 (-0.39, -0.06)	-0.10 (-0.33, 0.13)
Eswatini	0.51 (0.15, 0.99)	0.67 (0.36, 1.12)	0.38 (-0.05, 0.93)	0.29 (-0.33, 0.91)
Ethiopia	-0.47 (-0.59, -0.35)	-0.49 (-0.62, -0.32)	-0.44 (-0.57, -0.28)	-0.05 (-0.26, 0.16)
Fiji	0.29 (-0.00, 0.67)	0.30 (-0.00, 0.70)	0.29 (0.00, 0.70)	0.01 (-0.49, 0.51)
Finland	-0.15 (-0.27, -0.02)	-0.16 (-0.29, -0.02)	-0.15 (-0.31, 0.01)	-0.01 (-0.22, 0.20)
France	-0.03 (-0.15, 0.07)	-0.09 (-0.20, 0.02)	0.02 (-0.13, 0.16)	-0.11 (-0.29, 0.07)
Gabon	0.07 (-0.16, 0.29)	-0.02 (-0.23, 0.19)	0.19 (-0.06, 0.50)	-0.21 (-0.56, 0.14)
Gambia	0.63 (0.25, 1.08)	0.53 (0.14, 0.96)	0.78 (0.34, 1.31)	-0.25 (-0.88, 0.39)
Georgia	0.80 (0.49, 1.15)	0.97 (0.59, 1.42)	0.57 (0.27, 0.91)	0.40 (-0.12, 0.93)

Germany	-0.30 (-0.40, -0.18)	-0.32 (-0.44, -0.16)	-0.32 (-0.43, -0.19)	-0.01 (-0.19, 0.17)
Ghana	0.46 (0.20, 0.77)	0.82 (0.48, 1.22)	0.21 (-0.03, 0.50)	0.61 (0.16, 1.07)
Greece	0.12 (-0.03, 0.29)	0.27 (0.06, 0.48)	-0.04 (-0.19, 0.12)	0.31 (0.05, 0.57)
Greenland	0.30 (0.06, 0.58)	0.32 (0.04, 0.59)	0.16 (-0.11, 0.51)	0.16 (-0.25, 0.57)
Grenada	-0.02 (-0.13, 0.10)	0.00 (-0.14, 0.17)	-0.07 (-0.18, 0.06)	0.07 (-0.12, 0.27)
Guam	0.15 (-0.03, 0.35)	0.33 (0.11, 0.59)	-0.00 (-0.18, 0.20)	0.33 (0.02, 0.64)
Guatemala	0.83 (0.47, 1.27)	0.93 (0.48, 1.45)	0.75 (0.38, 1.21)	0.18 (-0.46, 0.82)
Guinea-Bissau	0.23 (-0.03, 0.58)	0.10 (-0.14, 0.41)	0.43 (0.08, 0.90)	-0.32 (-0.82, 0.17)
Guinea	0.50 (0.21, 0.87)	0.59 (0.25, 0.98)	0.43 (0.13, 0.83)	0.16 (-0.35, 0.67)
Guyana	-0.03 (-0.24, 0.24)	0.03 (-0.21, 0.37)	-0.08 (-0.28, 0.15)	0.10 (-0.26, 0.46)
Haiti	-0.02 (-0.21, 0.23)	0.00 (-0.22, 0.34)	-0.05 (-0.24, 0.22)	0.05 (-0.31, 0.41)
Honduras	0.57 (0.36, 0.86)	0.49 (0.27, 0.78)	0.69 (0.41, 1.10)	-0.20 (-0.63, 0.23)
Hungary	0.01 (-0.17, 0.23)	0.09 (-0.12, 0.35)	-0.07 (-0.27, 0.20)	0.16 (-0.18, 0.49)
Iceland	0.07 (-0.08, 0.23)	0.14 (-0.05, 0.34)	-0.03 (-0.20, 0.15)	0.17 (-0.09, 0.43)
India	0.27 (0.11, 0.46)	0.30 (0.07, 0.59)	0.26 (0.04, 0.51)	0.04 (-0.31, 0.39)
Indonesia	0.44 (0.22, 0.65)	0.52 (0.23, 0.89)	0.36 (0.10, 0.65)	0.16 (-0.27, 0.60)
Iran (Islamic Republic of)	0.26 (0.15, 0.39)	0.19 (0.07, 0.34)	0.37 (0.23, 0.53)	-0.18 (-0.38, 0.03)
Iraq	0.12 (-0.11, 0.40)	0.22 (-0.06, 0.58)	0.03 (-0.20, 0.30)	0.19 (-0.22, 0.60)
Ireland	0.07 (-0.11, 0.26)	0.06 (-0.13, 0.27)	0.07 (-0.14, 0.30)	-0.02 (-0.32, 0.28)
Israel	-0.05 (-0.16, 0.06)	0.03 (-0.11, 0.16)	-0.13 (-0.27, 0.01)	0.16 (-0.04, 0.35)
Italy	-0.18 (-0.26, -0.10)	-0.15 (-0.25, -0.06)	-0.22 (-0.31, -0.13)	0.06 (-0.06, 0.19)
Jamaica	0.29 (0.08, 0.52)	0.41 (0.14, 0.72)	0.19 (0.01, 0.42)	0.22 (-0.13, 0.57)
Japan	-0.25 (-0.33, -0.17)	-0.25 (-0.33, -0.18)	-0.28 (-0.38, -0.18)	0.03 (-0.10, 0.15)
Jordan	-0.25 (-0.38, -0.11)	-0.09 (-0.29, 0.17)	-0.38 (-0.50, -0.23)	0.29 (0.02, 0.56)
Kazakhstan	0.71 (0.39, 1.07)	0.92 (0.55, 1.36)	0.60 (0.23, 1.02)	0.32 (-0.24, 0.89)
Kenya	0.27 (0.12, 0.45)	0.45 (0.21, 0.73)	0.09 (-0.09, 0.30)	0.36 (0.03, 0.68)
Kiribati	0.22 (-0.05, 0.54)	0.20 (-0.09, 0.58)	0.24 (-0.04, 0.58)	-0.04 (-0.49, 0.42)
Kuwait	-0.16 (-0.29, -0.01)	-0.02 (-0.20, 0.19)	-0.34 (-0.45, -0.22)	0.32 (0.10, 0.55)
Kyrgyzstan	0.23 (0.06, 0.49)	0.20 (0.02, 0.43)	0.25 (0.01, 0.61)	-0.05 (-0.41, 0.31)

Lao People's Democratic Republic	0.10 (-0.14, 0.38)	0.11 (-0.15, 0.43)	0.09 (-0.16, 0.41)	0.02 (-0.39, 0.42)
Latvia	-0.03 (-0.17, 0.15)	-0.10 (-0.28, 0.12)	0.02 (-0.17, 0.25)	-0.12 (-0.41, 0.17)
Lebanon	0.13 (-0.08, 0.36)	0.21 (-0.06, 0.52)	0.07 (-0.13, 0.31)	0.13 (-0.23, 0.50)
Lesotho	1.09 (0.59, 1.66)	0.99 (0.60, 1.47)	1.18 (0.50, 1.95)	-0.19 (-1.04, 0.66)
Liberia	0.16 (-0.07, 0.45)	0.08 (-0.15, 0.41)	0.24 (-0.01, 0.59)	-0.16 (-0.57, 0.25)
Libya	0.37 (0.12, 0.70)	0.34 (0.06, 0.71)	0.40 (0.13, 0.74)	-0.06 (-0.50, 0.39)
Lithuania	-0.06 (-0.19, 0.10)	-0.03 (-0.19, 0.17)	-0.09 (-0.23, 0.07)	0.06 (-0.17, 0.30)
Luxembourg	0.36 (0.16, 0.57)	0.32 (0.10, 0.55)	0.36 (0.15, 0.58)	-0.04 (-0.35, 0.27)
Madagascar	0.08 (-0.14, 0.36)	0.09 (-0.17, 0.41)	0.10 (-0.13, 0.39)	-0.01 (-0.40, 0.38)
Malawi	0.06 (-0.12, 0.26)	0.26 (0.05, 0.55)	-0.13 (-0.30, 0.07)	0.39 (0.08, 0.70)
Malaysia	-0.05 (-0.21, 0.16)	0.00 (-0.19, 0.23)	-0.09 (-0.27, 0.13)	0.09 (-0.20, 0.38)
Maldives	-0.33 (-0.44, -0.19)	-0.22 (-0.37, -0.05)	-0.44 (-0.54, -0.31)	0.21 (0.01, 0.41)
Mali	0.24 (0.03, 0.49)	0.16 (-0.08, 0.44)	0.33 (0.08, 0.63)	-0.18 (-0.56, 0.21)
Malta	-0.31 (-0.41, -0.19)	-0.30 (-0.42, -0.14)	-0.34 (-0.45, -0.21)	0.04 (-0.15, 0.22)
Marshall Islands	0.24 (0.02, 0.54)	0.09 (-0.13, 0.38)	0.45 (0.17, 0.79)	-0.36 (-0.76, 0.04)
Mauritania	-0.12 (-0.30, 0.08)	-0.26 (-0.42, -0.06)	0.01 (-0.21, 0.25)	-0.27 (-0.55, 0.02)
Mauritius	0.25 (0.02, 0.54)	0.25 (-0.01, 0.56)	0.25 (0.01, 0.55)	-0.00 (-0.39, 0.39)
Mexico	0.05 (-0.05, 0.17)	0.19 (0.02, 0.39)	-0.07 (-0.19, 0.06)	0.26 (0.04, 0.49)
Micronesia (Federated States of)	0.74 (0.29, 1.27)	0.77 (0.26, 1.36)	0.70 (0.25, 1.26)	0.08 (-0.67, 0.82)
Monaco	0.31 (0.02, 0.63)	0.26 (-0.02, 0.59)	0.33 (0.01, 0.68)	-0.07 (-0.52, 0.39)
Mongolia	0.08 (-0.14, 0.36)	0.26 (-0.01, 0.62)	-0.10 (-0.29, 0.14)	0.36 (-0.02, 0.74)
Montenegro	0.52 (0.26, 0.84)	0.46 (0.17, 0.84)	0.55 (0.28, 0.87)	-0.09 (-0.54, 0.36)
Morocco	0.80 (0.48, 1.16)	0.84 (0.43, 1.26)	0.77 (0.43, 1.23)	0.07 (-0.51, 0.64)
Mozambique	0.43 (0.15, 0.79)	0.70 (0.38, 1.13)	0.14 (-0.13, 0.49)	0.55 (0.07, 1.04)
Myanmar	-0.02 (-0.22, 0.25)	0.13 (-0.11, 0.46)	-0.13 (-0.32, 0.11)	0.27 (-0.09, 0.62)
Namibia	0.06 (-0.14, 0.31)	0.19 (-0.04, 0.47)	-0.04 (-0.26, 0.24)	0.23 (-0.13, 0.58)
Nauru	0.54 (0.30, 0.82)	0.59 (0.20, 1.05)	0.52 (0.19, 0.97)	0.06 (-0.51, 0.64)
Nepal	0.39 (0.12, 0.70)	0.46 (0.13, 0.87)	0.34 (0.08, 0.68)	0.13 (-0.35, 0.61)
Netherlands	-0.28 (-0.39, -0.17)	-0.29 (-0.40, -0.16)	-0.28 (-0.42, -0.12)	-0.01 (-0.20, 0.18)

New Zealand	-0.11 (-0.22, 0.01)	-0.11 (-0.23, 0.03)	-0.13 (-0.25, 0.01)	0.01 (-0.17, 0.20)
Nicaragua	0.47 (0.27, 0.70)	0.41 (0.17, 0.69)	0.53 (0.33, 0.74)	-0.11 (-0.44, 0.22)
Niger	0.56 (0.24, 0.98)	0.41 (0.07, 0.88)	0.73 (0.36, 1.22)	-0.32 (-0.91, 0.28)
Nigeria	0.03 (-0.17, 0.27)	0.03 (-0.25, 0.41)	0.03 (-0.22, 0.34)	-0.00 (-0.43, 0.43)
Niue	0.24 (-0.01, 0.54)	0.24 (-0.02, 0.51)	0.24 (-0.03, 0.60)	-0.00 (-0.42, 0.41)
North Macedonia	0.50 (0.19, 0.86)	0.58 (0.21, 1.02)	0.42 (0.08, 0.81)	0.16 (-0.38, 0.71)
Northern Mariana Islands	0.31 (0.10, 0.51)	0.53 (0.31, 0.78)	0.07 (-0.14, 0.33)	0.46 (0.13, 0.80)
Norway	-0.26 (-0.36, -0.16)	-0.35 (-0.45, -0.25)	-0.15 (-0.27, -0.05)	-0.20 (-0.35, -0.05)
Oman	0.20 (-0.05, 0.49)	0.26 (-0.04, 0.60)	0.14 (-0.11, 0.49)	0.12 (-0.32, 0.56)
Pakistan	0.77 (0.50, 1.12)	0.68 (0.33, 1.13)	0.89 (0.52, 1.43)	-0.21 (-0.81, 0.40)
Palau	0.43 (0.10, 0.80)	0.46 (0.13, 0.85)	0.34 (0.02, 0.73)	0.12 (-0.38, 0.63)
Palestine	0.12 (-0.11, 0.43)	0.09 (-0.15, 0.44)	0.14 (-0.09, 0.44)	-0.04 (-0.44, 0.35)
Panama	0.17 (-0.04, 0.42)	0.22 (-0.01, 0.54)	0.11 (-0.08, 0.35)	0.11 (-0.24, 0.46)
Papua New Guinea	0.52 (0.21, 0.89)	0.38 (0.08, 0.78)	0.79 (0.40, 1.30)	-0.41 (-0.98, 0.16)
Paraguay	0.68 (0.34, 1.11)	0.96 (0.52, 1.53)	0.45 (0.14, 0.81)	0.51 (-0.10, 1.12)
Peru	0.01 (-0.19, 0.27)	-0.02 (-0.24, 0.28)	0.05 (-0.15, 0.30)	-0.07 (-0.41, 0.28)
Philippines	0.26 (0.06, 0.47)	0.25 (-0.02, 0.58)	0.26 (0.02, 0.56)	-0.00 (-0.41, 0.40)
Poland	-0.20 (-0.32, -0.08)	-0.15 (-0.30, 0.03)	-0.27 (-0.40, -0.13)	0.12 (-0.09, 0.34)
Portugal	-0.22 (-0.35, -0.09)	-0.19 (-0.34, -0.04)	-0.25 (-0.40, -0.10)	0.06 (-0.15, 0.27)
Puerto Rico	-0.09 (-0.25, 0.09)	-0.05 (-0.23, 0.17)	-0.12 (-0.27, 0.04)	0.07 (-0.18, 0.33)
Qatar	-0.17 (-0.34, 0.04)	-0.27 (-0.44, -0.06)	0.08 (-0.13, 0.33)	-0.35 (-0.65, -0.05)
Republic of Korea	-0.39 (-0.48, -0.30)	-0.41 (-0.50, -0.28)	-0.39 (-0.49, -0.29)	-0.02 (-0.16, 0.13)
Republic of Moldova	-0.06 (-0.20, 0.13)	0.06 (-0.14, 0.34)	-0.16 (-0.30, 0.02)	0.21 (-0.08, 0.50)
Romania	-0.03 (-0.18, 0.17)	0.04 (-0.15, 0.28)	-0.10 (-0.25, 0.09)	0.15 (-0.12, 0.42)
Russian Federation	-0.04 (-0.18, 0.13)	-0.15 (-0.32, 0.06)	0.03 (-0.16, 0.27)	-0.18 (-0.47, 0.11)
Rwanda	-0.28 (-0.43, -0.10)	-0.30 (-0.47, -0.09)	-0.24 (-0.42, -0.01)	-0.06 (-0.34, 0.22)
Saint Kitts and Nevis	-0.27 (-0.38, -0.15)	-0.14 (-0.29, 0.03)	-0.39 (-0.49, -0.27)	0.25 (0.05, 0.44)
Saint Lucia	-0.23 (-0.33, -0.13)	-0.18 (-0.30, -0.04)	-0.29 (-0.38, -0.19)	0.12 (-0.04, 0.28)
Saint Vincent and the Grenadines	-0.00 (-0.12, 0.12)	0.12 (-0.04, 0.30)	-0.10 (-0.21, 0.01)	0.22 (0.02, 0.42)

Samoa	0.27 (0.02, 0.58)	0.13 (-0.08, 0.42)	0.44 (0.10, 0.87)	-0.30 (-0.76, 0.16)
San Marino	0.36 (0.05, 0.72)	0.34 (0.01, 0.71)	0.37 (0.06, 0.76)	-0.04 (-0.54, 0.46)
Sao Tome and Principe	0.50 (0.26, 0.78)	0.49 (0.22, 0.83)	0.48 (0.21, 0.82)	0.01 (-0.42, 0.45)
Saudi Arabia	0.11 (-0.12, 0.43)	0.12 (-0.13, 0.47)	0.08 (-0.17, 0.40)	0.05 (-0.37, 0.46)
Senegal	0.20 (-0.01, 0.48)	0.11 (-0.12, 0.41)	0.32 (0.06, 0.63)	-0.21 (-0.60, 0.18)
Serbia	0.20 (-0.04, 0.50)	0.31 (0.01, 0.66)	0.10 (-0.14, 0.43)	0.21 (-0.22, 0.64)
Seychelles	0.41 (0.22, 0.60)	0.21 (0.01, 0.44)	0.60 (0.35, 0.88)	-0.39 (-0.73, -0.05)
Sierra Leone	0.34 (0.07, 0.70)	0.07 (-0.15, 0.36)	0.68 (0.31, 1.18)	-0.62 (-1.12, -0.11)
Singapore	-0.52 (-0.59, -0.45)	-0.48 (-0.57, -0.40)	-0.58 (-0.64, -0.51)	0.09 (-0.02, 0.20)
Slovakia	-0.20 (-0.36, -0.02)	-0.19 (-0.38, 0.04)	-0.20 (-0.35, -0.01)	0.00 (-0.27, 0.28)
Slovenia	-0.26 (-0.44, -0.04)	-0.20 (-0.42, 0.05)	-0.33 (-0.50, -0.15)	0.13 (-0.16, 0.43)
Solomon Islands	0.76 (0.35, 1.27)	0.76 (0.32, 1.31)	0.80 (0.30, 1.38)	-0.04 (-0.78, 0.69)
Somalia	0.10 (-0.12, 0.41)	0.14 (-0.11, 0.48)	0.11 (-0.16, 0.50)	0.03 (-0.41, 0.47)
South Africa	0.41 (0.31, 0.53)	0.47 (0.33, 0.65)	0.36 (0.24, 0.48)	0.12 (-0.08, 0.32)
South Sudan	0.04 (-0.16, 0.29)	0.08 (-0.16, 0.39)	-0.01 (-0.20, 0.25)	0.08 (-0.27, 0.44)
Spain	-0.28 (-0.39, -0.16)	-0.22 (-0.35, -0.08)	-0.34 (-0.46, -0.22)	0.12 (-0.06, 0.30)
Sri Lanka	0.32 (0.05, 0.63)	0.28 (0.01, 0.60)	0.41 (0.12, 0.76)	-0.13 (-0.56, 0.31)
Sudan	0.46 (0.17, 0.86)	0.44 (0.09, 0.91)	0.48 (0.18, 0.89)	-0.04 (-0.58, 0.50)
Suriname	0.23 (0.05, 0.46)	0.31 (0.08, 0.59)	0.14 (-0.03, 0.37)	0.16 (-0.16, 0.49)
Sweden	-0.07 (-0.19, 0.05)	-0.12 (-0.26, 0.03)	-0.02 (-0.19, 0.14)	-0.09 (-0.31, 0.12)
Switzerland	-0.23 (-0.34, -0.12)	-0.25 (-0.36, -0.13)	-0.21 (-0.35, -0.07)	-0.04 (-0.22, 0.14)
Syrian Arab Republic	0.29 (-0.02, 0.71)	0.38 (-0.01, 0.90)	0.23 (-0.07, 0.63)	0.15 (-0.43, 0.72)
Taiwan (Province of China)	-0.14 (-0.28, 0.02)	0.03 (-0.14, 0.26)	-0.30 (-0.41, -0.17)	0.33 (0.10, 0.56)
Tajikistan	2.41 (1.67, 3.35)	2.32 (1.46, 3.36)	2.46 (1.71, 3.42)	-0.14 (-1.42, 1.14)
Thailand	-0.08 (-0.27, 0.15)	-0.08 (-0.28, 0.20)	-0.08 (-0.28, 0.14)	0.01 (-0.31, 0.33)
Timor-Leste	0.68 (0.31, 1.08)	0.88 (0.43, 1.40)	0.49 (0.15, 0.91)	0.39 (-0.23, 1.01)
Togo	0.19 (-0.01, 0.45)	0.27 (0.03, 0.55)	0.15 (-0.05, 0.41)	0.12 (-0.23, 0.47)
Tokelau	0.27 (0.02, 0.59)	0.41 (0.14, 0.75)	0.24 (-0.05, 0.60)	0.17 (-0.27, 0.61)
Tonga	0.27 (0.05, 0.57)	0.53 (0.21, 0.93)	0.07 (-0.12, 0.31)	0.46 (0.04, 0.88)



Trinidad and Tobago	-0.24 (-0.40, -0.06)	-0.20 (-0.38, 0.01)	-0.29 (-0.43, -0.14)	0.09 (-0.15, 0.33)
Tunisia	0.31 (0.04, 0.64)	0.29 (-0.01, 0.68)	0.36 (0.06, 0.72)	-0.07 (-0.55, 0.40)
Turkey	-0.20 (-0.34, -0.01)	-0.17 (-0.35, 0.05)	-0.22 (-0.37, -0.03)	0.05 (-0.21, 0.31)
Turkmenistan	0.88 (0.45, 1.42)	0.94 (0.39, 1.63)	0.81 (0.38, 1.35)	0.13 (-0.65, 0.92)
Tuvalu	0.34 (0.06, 0.73)	0.33 (0.05, 0.74)	0.32 (0.02, 0.75)	0.01 (-0.49, 0.51)
Uganda	0.14 (-0.05, 0.37)	0.19 (-0.02, 0.44)	0.14 (-0.09, 0.44)	0.04 (-0.30, 0.39)
Ukraine	0.31 (0.12, 0.54)	0.40 (0.15, 0.72)	0.17 (-0.05, 0.46)	0.23 (-0.15, 0.62)
United Arab Emirates	-0.21 (-0.36, -0.02)	-0.17 (-0.35, 0.06)	-0.30 (-0.45, -0.11)	0.13 (-0.14, 0.39)
United Kingdom	-0.09 (-0.22, 0.05)	-0.15 (-0.28, -0.00)	-0.04 (-0.18, 0.11)	-0.12 (-0.32, 0.08)
United Republic of Tanzania	0.25 (0.06, 0.49)	0.29 (0.06, 0.60)	0.21 (-0.01, 0.48)	0.09 (-0.28, 0.45)
United States of America	0.03 (-0.07, 0.11)	-0.02 (-0.13, 0.08)	0.06 (-0.01, 0.15)	-0.09 (-0.22, 0.05)
United States Virgin Islands	0.32 (0.11, 0.56)	0.66 (0.37, 1.01)	0.03 (-0.14, 0.22)	0.64 (0.27, 1.00)
Uruguay	0.31 (0.16, 0.49)	0.59 (0.36, 0.84)	0.07 (-0.05, 0.24)	0.52 (0.24, 0.80)
Uzbekistan	3.34 (2.44, 4.42)	3.25 (2.36, 4.34)	3.40 (2.37, 4.65)	-0.15 (-1.66, 1.36)
Vanuatu	0.76 (0.38, 1.33)	0.68 (0.30, 1.22)	0.90 (0.42, 1.63)	-0.22 (-0.98, 0.55)
Venezuela (Bolivarian Republic of)	0.15 (-0.07, 0.43)	0.25 (-0.02, 0.61)	0.04 (-0.14, 0.29)	0.21 (-0.17, 0.59)
Viet Nam	0.36 (0.11, 0.64)	0.69 (0.34, 1.13)	0.13 (-0.10, 0.38)	0.57 (0.10, 1.03)
Yemen	0.47 (0.12, 0.90)	0.37 (0.00, 0.88)	0.56 (0.20, 1.02)	-0.19 (-0.79, 0.42)
Zambia	0.09 (-0.12, 0.32)	0.29 (0.04, 0.58)	-0.11 (-0.30, 0.13)	0.39 (0.05, 0.74)
Zimbabwe	0.73 (0.41, 1.08)	0.75 (0.45, 1.08)	0.73 (0.34, 1.17)	0.02 (-0.50, 0.55)

62 Notes: \*mean difference with 95% confidence intervals in ARCs of high-FPG-related death rates and DALYs rates between males and females

63 **Table S9 Global prediction rates of deaths and disability-adjusted life-years (DALYs) attributable to high fasting plasma glucose (FPG) by sex and**  
64 **age group in 2050**

Measure	Age	Both (per 100,000)	Male (per 100,000)	Female (per 100,000)	Difference*
Deaths	All ages	204.51 (648.82)	221.12 (710.76)	190.12 (622.49)	31.00 (30.82, 31.18)
	0-4	0.31 (131.74)	0.44 (137.23)	0.22 (113.81)	0.22 (0.13, 0.32)
	5-9	0.12 (201.68)	0.12 (215.84)	0.11 (169.35)	0.01 (-0.21, 0.23)
	10-14	0.11 (270.40)	0.11 (287.56)	0.12 (229.85)	-0.01 (-0.40, 0.39)
	15-19	0.39 (309.64)	0.44 (323.08)	0.35 (270.00)	0.09 (-0.44, 0.62)
	20-24	0.73 (340.08)	0.93 (348.18)	0.58 (304.88)	0.35 (-0.30, 1.00)
	25-29	2.30 (326.71)	3.05 (329.10)	1.69 (299.60)	1.35 (0.74, 1.96)
	30-34	4.50 (309.54)	6.35 (306.77)	2.98 (290.40)	3.37 (2.84, 3.90)
	35-39	8.24 (285.71)	11.58 (281.21)	5.42 (270.05)	6.16 (5.70, 6.61)
	40-44	16.01 (258.67)	22.31 (252.47)	10.55 (245.82)	11.77 (11.38, 12.15)
	45-49	32.32 (230.14)	44.51 (222.94)	21.51 (219.60)	22.99 (22.67, 23.32)
	50-54	65.27 (202.95)	89.28 (196.83)	44.10 (193.81)	45.18 (44.91, 45.45)
	55-59	117.13 (185.16)	160.04 (186.76)	79.30 (175.20)	80.74 (80.51, 80.98)
	60-64	215.85 (183.54)	286.06 (210.11)	152.13 (164.62)	133.92 (133.66, 134.19)
	65-69	367.71 (219.77)	476.71 (287.51)	268.69 (182.71)	208.02 (207.51, 208.52)
	70-74	633.21 (324.54)	799.09 (450.73)	485.56 (261.67)	313.53 (312.06, 315.00)
	75-79	1008.52 (496.07)	1232.01 (683.98)	822.57 (415.91)	409.45 (405.29, 413.61)
	80-84	1500.79 (730.17)	1784.86 (986.78)	1292.50 (643.69)	492.36 (479.98, 504.73)
	85-89	2374.09 (1150.79)	2839.56 (1567.69)	2080.24 (1031.59)	759.32 (704.72, 813.92)
	90-94	3399.88 (1646.77)	4040.72 (2230.32)	3038.53 (1505.52)	1002.19 (724.29, 1280.10)
95+	5241.77 (2538.33)	6678.83 (3686.27)	4690.59 (2323.54)	1988.24 (-446.81, 4423.30)	
DALYs	All ages	4462.00 (7812.76)	4876.91 (8664.90)	4058.30 (7275.75)	818.61 (792.77, 844.46)
	0-4	24.69 (62.49)	32.43 (63.47)	17.63 (61.17)	14.79 (14.77, 14.82)
	5-9	13.01 (100.01)	13.80 (102.70)	11.50 (95.71)	2.29 (2.24, 2.35)

10-14	16.49 (136.21)	17.28 (138.00)	14.84 (132.04)	2.44 (2.33, 2.55)
15-19	47.15 (149.70)	50.90 (148.55)	41.69 (147.87)	9.21 (9.07, 9.34)
20-24	90.43 (160.46)	104.69 (157.10)	75.26 (161.36)	29.44 (29.28, 29.59)
25-29	230.35 (169.24)	276.55 (180.82)	184.80 (163.52)	91.75 (91.57, 91.94)
30-34	418.29 (215.52)	529.76 (266.67)	314.08 (186.56)	215.67 (215.36, 215.99)
35-39	727.89 (327.71)	923.77 (434.57)	543.63 (258.88)	380.14 (379.39, 380.89)
40-44	1283.81 (556.62)	1625.46 (752.35)	958.07 (423.99)	667.39 (665.08, 669.69)
45-49	2294.23 (986.49)	2855.05 (1317.17)	1740.97 (756.87)	1114.08 (1106.46, 1121.71)
50-54	3994.11 (1714.97)	4920.63 (2268.96)	3078.48 (1334.09)	1842.15 (1818.01, 1866.29)
55-59	6171.27 (2649.22)	7592.58 (3500.76)	4783.41 (2071.96)	2809.17 (2749.79, 2868.54)
60-64	9351.95 (4014.50)	11243.53 (5184.09)	7478.00 (3238.84)	3765.53 (3626.48, 3904.58)
65-69	12669.33 (5438.57)	14985.80 (6909.59)	10394.00 (4501.79)	4591.80 (4295.50, 4888.09)
70-74	16798.10 (7210.91)	19524.10 (9002.08)	14208.13 (6153.75)	5315.98 (4675.94, 5956.02)
75-79	20134.36 (8643.06)	22959.57 (10586.08)	17706.86 (7669.06)	5252.71 (4156.99, 6348.43)
80-84	22233.05 (9543.97)	24948.70 (11503.20)	20269.17 (8778.87)	4679.53 (2844.52, 6514.54)
85-89	25661.67 (11015.95)	29081.95 (13409.18)	23642.35 (10240.05)	5439.61 (1128.93, 9750.28)
90-94	27552.97 (11827.95)	31328.90 (14445.34)	25702.56 (11132.47)	5626.34 (-6755.09, 18007.76)
95+	31285.59 (13430.43)	38634.57 (17814.02)	28926.42 (12529.04)	9708.15 (-49130.67, 68546.96)

65 Notes: \*mean difference with 95% confidence intervals in predicted rates of high-FPG-related deaths and DALYs between males and females

66 **Table S10 Predictions of age-standardized deaths rates (ASMRs) and age-standardized disability-adjusted life-years rates (ASDRs) attributable to**  
67 **high fasting plasma glucose (FPG) by location in 2050**

Measure	Location	Both (per 100,000)	Male (per 100,000)	Female (per 100,000)	Difference*	
<b>Deaths</b>	<b>Global</b>	82.72 (35.92)	101.77 (48.81)	64.75 (28.87)	37.02 (37.02, 37.02)	
	<b>World Bank income levels</b>					
		World Bank Low Income	98.40 (49.44)	122.41 (67.51)	82.19 (37.83)	40.22 (40.22, 40.23)
		World Bank Lower Middle Income	153.63 (81.92)	208.96 (141.57)	110.66 (54.28)	98.30 (98.29, 98.31)
		World Bank Upper Middle Income	47.85 (41.79)	57.06 (61.74)	37.78 (24.80)	19.29 (19.28, 19.29)
		World Bank High Income	61.51 (32.27)	67.80 (35.46)	54.38 (30.15)	13.43 (13.42, 13.43)
		<b>SDI regions</b>				
		Low SDI	105.09 (50.06)	123.42 (62.58)	95.76 (42.50)	27.65 (27.65, 27.66)
		Low-middle SDI	192.80 (149.59)	273.38 (281.40)	128.04 (74.79)	145.34 (145.29, 145.39)
		Middle SDI	57.85 (31.13)	71.20 (44.12)	43.27 (22.39)	27.92 (27.92, 27.93)
		High-middle SDI	71.44 (139.96)	87.18 (183.33)	54.62 (81.47)	32.56 (32.45, 32.67)
		High SDI	55.45 (28.92)	62.17 (32.20)	48.44 (26.94)	13.72 (13.72, 13.73)
		<b>GBD super-regions</b>				
		Central Europe, Eastern Europe, and Central Asia	74.31 (198.25)	125.32 (355.28)	48.11 (103.49)	77.21 (76.53, 77.89)
		High-income	55.34 (30.64)	60.41 (32.97)	51.92 (31.51)	8.48 (8.48, 8.49)
		Latin America and Caribbean	102.01 (64.07)	134.52 (81.46)	76.75 (52.14)	57.77 (57.75, 57.80)
		North Africa and Middle East	125.81 (70.38)	166.89 (90.31)	95.73 (58.82)	71.16 (71.14, 71.19)
		South Asia	233.92 (258.39)	347.64 (483.55)	152.18 (129.81)	195.45 (195.24, 195.67)
		Southeast Asia, East Asia, and Oceania	57.93 (36.87)	68.06 (44.81)	42.94 (27.34)	25.11 (25.11, 25.12)
		Sub-Saharan Africa	70.22 (34.89)	91.27 (47.91)	56.71 (29.62)	34.56 (34.56, 34.57)
		<b>GBD countries and territories</b>				
		Afghanistan	189.97 (441.33)	227.14 (503.52)	210.00 (361.43)	17.15 (6.98, 27.31)
		Albania	59.88 (98.53)	82.05 (130.09)	41.36 (55.66)	40.69 (24.61, 56.77)
		Algeria	126.24 (90.22)	144.24 (126.59)	98.50 (70.77)	45.74 (45.06, 46.42)

American Samoa	322.58 (261.78)	384.99 (338.24)	346.29 (312.07)	38.70 (-12357.49, 12434.89)
Andorra	57.70 (86.88)	92.54 (123.31)	70.88 (93.66)	21.66 (-562.00, 605.32)
Angola	86.96 (46.06)	110.82 (75.11)	66.61 (40.73)	44.21 (44.01, 44.41)
Antigua and Barbuda	79.83 (64.74)	94.24 (88.98)	88.56 (79.87)	5.68 (-278.65, 290.01)
Argentina	91.33 (94.14)	153.74 (180.07)	61.08 (58.85)	92.65 (91.28, 94.02)
Armenia	109.72 (198.49)	268.50 (442.54)	59.39 (110.36)	209.11 (39.15, 379.07)
Australia	19.10 (16.44)	29.74 (26.93)	9.68 (10.34)	20.06 (20.01, 20.12)
Austria	30.21 (20.67)	32.99 (26.33)	29.02 (17.89)	3.97 (3.75, 4.19)
Azerbaijan	73.40 (112.35)	128.04 (226.73)	45.80 (63.19)	82.24 (72.15, 92.34)
Bahamas	106.59 (85.55)	140.77 (114.74)	73.17 (60.20)	67.60 (-8.63, 143.83)
Bahrain	722.81 (1918.07)	1122.58 (2998.64)	184.64 (196.64)	937.94 (-7356.90, 9232.79)
Bangladesh	141.23 (182.22)	192.45 (368.40)	106.76 (90.34)	85.69 (84.28, 87.10)
Barbados	202.25 (164.49)	357.93 (534.88)	160.04 (115.03)	197.90 (-2057.86, 2453.65)
Belarus	26.35 (65.27)	44.68 (114.72)	18.16 (28.23)	26.51 (23.03, 29.99)
Belgium	51.27 (39.99)	48.10 (35.18)	49.63 (42.62)	-1.54 (-2.03, -1.04)
Belize	119.73 (158.31)	184.34 (285.26)	60.68 (65.83)	123.66 (-188.04, 435.37)
Benin	88.87 (70.27)	84.46 (71.78)	97.13 (71.89)	-12.67 (-13.48, -11.87)
Bermuda	116.50 (114.28)	154.15 (148.66)	131.86 (147.10)	22.29 (-1510.20, 1554.79)
Bhutan	107.73 (107.38)	114.60 (95.86)	93.37 (99.84)	21.23 (-21.81, 64.28)
Bolivia (Plurinational State of)	159.79 (189.35)	235.78 (293.88)	116.59 (136.78)	119.20 (106.74, 131.66)
Bosnia and Herzegovina	102.03 (307.28)	82.69 (225.66)	97.28 (317.24)	-14.60 (-122.76, 93.57)
Botswana	99.58 (124.30)	105.67 (182.24)	114.50 (120.45)	-8.83 (-34.35, 16.70)
Brazil	48.77 (31.93)	58.08 (53.39)	39.05 (25.20)	19.04 (19.01, 19.07)
Brunei Darussalam	95.48 (80.10)	127.64 (137.00)	70.44 (53.45)	57.20 (-26.94, 141.33)
Bulgaria	119.04 (134.10)	124.32 (153.49)	111.12 (123.38)	13.19 (-1.53, 27.91)
Burkina Faso	198.14 (127.06)	246.05 (216.47)	169.66 (93.30)	76.39 (73.69, 79.08)
Burundi	94.90 (106.95)	148.60 (187.67)	57.97 (66.57)	90.63 (87.40, 93.87)
Cabo Verde	380.20 (1270.31)	5861.66 (24386.27)	55.84 (183.91)	5805.82 (-1614261.59, 1625873.23)
Cambodia	137.36 (86.52)	144.15 (97.84)	113.86 (83.45)	30.29 (28.69, 31.90)

Cameroon	129.10 (118.92)	137.44 (124.44)	107.97 (106.56)	29.47 (28.44, 30.49)
Canada	154.80 (168.28)	210.82 (239.15)	111.85 (130.33)	98.97 (95.80, 102.15)
Central African Republic	209.31 (140.22)	316.49 (202.11)	152.89 (103.12)	163.60 (154.84, 172.36)
Chad	99.59 (69.89)	125.42 (116.28)	79.08 (48.01)	46.34 (45.49, 47.19)
Chile	32.62 (31.68)	40.15 (40.95)	27.98 (26.89)	12.17 (11.94, 12.40)
China	29.03 (20.98)	31.42 (28.97)	19.75 (15.02)	11.67 (11.67, 11.67)
Colombia	61.06 (80.34)	63.89 (118.64)	59.67 (63.94)	4.22 (3.59, 4.85)
Comoros	75.27 (56.16)	94.76 (73.72)	59.45 (47.91)	35.31 (23.17, 47.45)
Congo	137.90 (124.57)	203.47 (240.29)	90.15 (59.47)	113.32 (101.71, 124.94)
Cook Islands	230.46 (250.04)	342.83 (418.10)	245.31 (269.67)	97.53 (-28034.73, 28229.78)
Costa Rica	64.78 (82.99)	85.73 (70.58)	59.90 (85.35)	25.83 (21.62, 30.04)
Croatia	89.79 (83.66)	92.13 (85.31)	101.72 (129.16)	-9.58 (-23.62, 4.45)
Cuba	51.08 (81.55)	64.51 (109.69)	45.19 (74.93)	19.32 (15.86, 22.78)
Cyprus	48.65 (37.32)	67.07 (70.64)	43.14 (36.62)	23.94 (15.05, 32.82)
Czechia	71.63 (50.73)	85.96 (53.90)	56.10 (62.07)	29.86 (28.60, 31.12)
Côte d'Ivoire	81.12 (75.36)	89.39 (86.04)	69.24 (83.76)	20.15 (19.60, 20.70)
Democratic People's Republic of Korea	53.22 (28.69)	27.40 (27.83)	50.17 (28.44)	-22.77 (-22.89, -22.65)
Democratic Republic of the Congo	108.54 (78.54)	142.82 (157.41)	74.03 (36.20)	68.80 (68.56, 69.03)
Denmark	43.18 (38.12)	40.64 (30.87)	38.37 (36.19)	2.28 (1.59, 2.96)
Djibouti	97.40 (71.14)	131.39 (99.79)	56.98 (45.17)	74.41 (58.60, 90.23)
Dominica	464.70 (603.94)	487.41 (613.56)	369.62 (458.22)	117.79 (-15503.63, 15739.22)
Dominican Republic	56.72 (111.56)	89.35 (189.02)	34.69 (78.37)	54.65 (48.39, 60.92)
Ecuador	50.83 (58.17)	51.83 (47.93)	41.87 (67.87)	9.96 (9.36, 10.57)
Egypt	196.11 (209.47)	588.47 (646.69)	90.61 (75.30)	497.86 (492.70, 503.02)
El Salvador	103.69 (162.03)	142.56 (275.23)	76.59 (142.93)	65.97 (36.79, 95.16)
Equatorial Guinea	102.05 (107.49)	95.50 (128.85)	75.02 (76.99)	20.48 (4.84, 36.13)
Eritrea	152.49 (103.14)	177.99 (137.59)	125.03 (79.14)	52.96 (44.65, 61.28)
Estonia	46.26 (93.45)	38.04 (68.05)	56.90 (106.91)	-18.86 (-45.45, 7.72)
Eswatini	102.69 (163.58)	102.03 (161.94)	71.41 (132.22)	30.62 (-21.40, 82.65)

Ethiopia	37.91 (26.92)	53.86 (37.14)	30.42 (24.41)	23.44 (23.42, 23.45)
Fiji	343.81 (332.64)	434.92 (458.16)	269.39 (265.15)	165.53 (-336.72, 667.78)
Finland	64.83 (55.62)	62.72 (56.10)	62.94 (60.23)	-0.22 (-2.66, 2.21)
France	19.48 (16.84)	21.77 (17.55)	18.36 (18.05)	3.40 (3.38, 3.42)
Gabon	73.27 (49.40)	84.52 (55.14)	50.83 (51.75)	33.68 (30.70, 36.67)
Gambia	157.27 (125.17)	143.97 (107.65)	161.01 (135.15)	-17.04 (-29.55, -4.53)
Georgia	100.01 (271.96)	299.60 (894.48)	33.12 (105.26)	266.48 (-225.51, 758.46)
Germany	54.74 (48.45)	57.09 (46.99)	45.67 (44.85)	11.42 (11.31, 11.52)
Ghana	69.59 (62.28)	73.66 (96.27)	62.34 (42.46)	11.32 (10.90, 11.73)
Greece	137.30 (123.11)	119.54 (91.57)	224.23 (283.81)	-104.69 (-123.44, -85.94)
Greenland	131.36 (123.44)	199.21 (187.29)	93.09 (99.82)	106.12 (-1532.18, 1744.41)
Grenada	117.37 (90.84)	136.56 (130.08)	98.95 (91.73)	37.60 (-329.92, 405.12)
Guam	152.05 (123.76)	168.09 (143.14)	176.07 (182.57)	-7.98 (-547.42, 531.47)
Guatemala	121.01 (167.73)	105.64 (107.10)	125.14 (154.47)	-19.50 (-22.30, -16.69)
Guinea	68.36 (57.62)	84.08 (89.15)	62.02 (44.41)	22.06 (21.24, 22.88)
Guinea-Bissau	80.72 (54.90)	84.46 (57.84)	77.44 (56.55)	7.01 (3.29, 10.74)
Guyana	161.87 (121.76)	187.38 (144.45)	143.50 (118.70)	43.88 (-34.05, 121.80)
Haiti	206.68 (118.95)	239.17 (150.94)	198.36 (120.79)	40.81 (35.93, 45.69)
Honduras	92.18 (135.88)	96.20 (184.36)	83.06 (160.92)	13.14 (4.91, 21.37)
Hungary	107.03 (162.53)	210.08 (409.99)	57.78 (80.90)	152.30 (112.61, 191.98)
Iceland	38.79 (33.87)	55.16 (50.14)	27.73 (27.88)	27.44 (11.84, 43.04)
India	293.23 (455.60)	492.68 (973.29)	164.39 (158.80)	328.29 (327.17, 329.41)
Indonesia	97.32 (53.63)	132.78 (76.03)	66.86 (38.19)	65.93 (65.88, 65.97)
Iran (Islamic Republic of)	82.15 (61.67)	110.18 (100.56)	56.23 (50.13)	53.94 (53.69, 54.19)
Iraq	294.46 (323.28)	495.96 (553.52)	184.37 (203.80)	311.59 (302.49, 320.70)
Ireland	80.67 (74.83)	80.55 (78.84)	83.55 (88.25)	-3.00 (-7.80, 1.79)
Israel	28.13 (30.45)	26.62 (30.28)	27.92 (29.00)	-1.30 (-1.56, -1.03)
Italy	60.89 (89.30)	53.63 (64.00)	67.36 (118.30)	-13.73 (-14.40, -13.06)
Jamaica	266.79 (1108.96)	132.78 (987.36)	344.48 (568.72)	-211.70 (-1242.81, 819.40)

Japan	17.43 (12.83)	26.52 (26.79)	15.00 (12.76)	11.52 (11.51, 11.54)
Jordan	248.55 (512.68)	235.02 (189.66)	194.16 (675.00)	40.86 (-24.39, 106.11)
Kazakhstan	41.51 (80.55)	45.90 (76.27)	39.01 (75.99)	6.89 (6.00, 7.78)
Kenya	48.84 (42.51)	65.90 (66.05)	32.96 (26.09)	32.94 (32.83, 33.06)
Kiribati	287.45 (234.17)	349.53 (320.01)	246.10 (199.56)	103.43 (-1377.65, 1584.52)
Kuwait	44.80 (259.97)	29.24 (180.16)	61.36 (273.47)	-32.12 (-76.07, 11.82)
Kyrgyzstan	47.14 (90.92)	55.70 (105.39)	41.81 (69.66)	13.89 (10.55, 17.23)
Lao People's Democratic Republic	278.25 (261.61)	301.54 (278.20)	209.44 (185.03)	92.10 (69.72, 114.48)
Latvia	40.15 (149.73)	79.52 (354.71)	34.91 (62.53)	44.62 (-140.15, 229.38)
Lebanon	114.23 (191.81)	102.15 (187.35)	80.64 (126.04)	21.50 (1.12, 41.88)
Lesotho	111.13 (143.14)	131.92 (142.27)	91.26 (184.60)	40.67 (4.13, 77.20)
Liberia	95.32 (175.36)	104.63 (193.58)	79.16 (120.96)	25.47 (13.98, 36.96)
Libya	254.81 (321.45)	398.50 (336.72)	168.03 (268.60)	230.47 (187.86, 273.08)
Lithuania	20.70 (43.46)	26.82 (62.26)	19.75 (34.34)	7.06 (2.44, 11.69)
Luxembourg	29.09 (29.75)	27.87 (34.24)	31.30 (31.54)	-3.42 (-8.85, 2.01)
Madagascar	57.82 (34.64)	70.74 (44.73)	46.70 (28.33)	24.04 (23.93, 24.15)
Malawi	106.17 (143.45)	140.15 (178.54)	66.68 (109.98)	73.47 (71.12, 75.82)
Malaysia	144.63 (210.94)	233.17 (409.23)	82.73 (113.26)	150.44 (141.88, 159.00)
Maldives	49.61 (49.46)	47.87 (42.46)	45.03 (52.30)	2.83 (-13.29, 18.96)
Mali	219.34 (129.54)	300.40 (225.71)	185.87 (111.89)	114.53 (111.91, 117.14)
Malta	39.52 (26.01)	36.36 (28.23)	53.12 (42.02)	-16.77 (-26.59, -6.94)
Marshall Islands	591.44 (478.53)	654.12 (587.78)	632.70 (563.72)	21.42 (-25354.96, 25397.80)
Mauritania	223.65 (491.79)	291.47 (829.26)	205.71 (352.76)	85.75 (-94.22, 265.73)
Mauritius	220.10 (256.82)	207.56 (280.92)	199.98 (220.78)	7.58 (-198.05, 213.21)
Mexico	177.85 (125.39)	241.43 (181.68)	115.76 (79.95)	125.67 (125.12, 126.22)
Micronesia (Federated States of)	229.62 (224.41)	349.24 (328.07)	178.21 (184.85)	171.03 (-1881.61, 2223.67)
Monaco	41.05 (52.82)	82.01 (99.67)	73.42 (85.14)	8.60 (-888.26, 905.46)
Mongolia	64.89 (68.65)	96.43 (96.31)	32.36 (42.47)	64.07 (59.20, 68.94)
Montenegro	57.51 (48.43)	92.27 (85.43)	46.35 (38.56)	45.92 (16.20, 75.64)



Morocco	100.28 (81.73)	125.87 (164.70)	86.12 (67.86)	39.75 (38.37, 41.13)
Mozambique	75.94 (71.47)	104.90 (109.10)	56.10 (53.54)	48.80 (48.33, 49.26)
Myanmar	152.12 (107.23)	187.48 (133.63)	123.02 (92.58)	64.45 (63.58, 65.32)
Namibia	93.49 (113.69)	114.38 (122.05)	81.19 (113.03)	33.19 (18.79, 47.59)
Nauru	443.82 (469.51)	786.23 (813.74)	464.30 (471.99)	321.93 (-117213.69, 117857.54)
Nepal	182.10 (121.53)	247.55 (191.83)	139.91 (96.90)	107.63 (105.14, 110.12)
Netherlands	71.26 (85.54)	69.87 (88.11)	74.77 (93.50)	-4.90 (-6.71, -3.09)
New Zealand	44.23 (43.77)	48.86 (48.06)	29.06 (26.41)	19.80 (18.81, 20.79)
Nicaragua	107.25 (327.66)	145.99 (144.53)	68.56 (414.43)	77.43 (36.43, 118.43)
Niger	173.16 (134.92)	201.53 (170.09)	167.33 (140.27)	34.20 (32.78, 35.62)
Nigeria	113.05 (71.47)	86.97 (56.38)	174.55 (116.85)	-87.58 (-87.67, -87.49)
Niue	1079.36 (1208.79)	2601.89 (2848.65)	1760.44 (2046.89)	841.45 (-11639162.39, 11640845.29)
North Macedonia	113.93 (102.00)	130.31 (125.00)	90.77 (80.18)	39.54 (16.91, 62.18)
Northern Mariana Islands	146.50 (151.79)	216.71 (231.00)	288.63 (351.16)	-71.92 (-7164.90, 7021.06)
Norway	145.94 (211.71)	64.82 (70.89)	156.53 (255.60)	-91.71 (-113.53, -69.90)
Oman	25.55 (24.83)	21.71 (30.73)	36.81 (30.25)	-15.10 (-15.69, -14.51)
Pakistan	133.72 (141.94)	286.76 (234.85)	95.05 (91.18)	191.71 (191.37, 192.05)
Palau	454.86 (407.88)	665.54 (643.28)	480.95 (525.43)	184.59 (-80846.04, 81215.22)
Palestine	204.65 (125.42)	266.66 (168.50)	146.08 (95.24)	120.58 (112.32, 128.85)
Panama	55.68 (46.84)	55.62 (50.70)	54.27 (46.41)	1.35 (-0.26, 2.97)
Papua New Guinea	250.28 (132.49)	326.63 (172.25)	173.88 (114.79)	152.75 (147.13, 158.36)
Paraguay	122.56 (239.17)	244.45 (355.99)	49.62 (109.07)	194.83 (163.11, 226.55)
Peru	78.86 (185.99)	108.89 (225.39)	61.72 (162.83)	47.17 (43.55, 50.79)
Philippines	311.73 (247.72)	280.05 (197.87)	244.73 (190.55)	35.32 (34.38, 36.25)
Poland	69.07 (73.58)	135.38 (242.52)	42.33 (38.20)	93.05 (89.58, 96.52)
Portugal	56.83 (54.25)	61.06 (57.39)	65.91 (69.13)	-4.85 (-6.55, -3.15)
Puerto Rico	90.31 (61.81)	102.76 (71.98)	99.02 (73.39)	3.74 (-3.88, 11.35)
Qatar	159.85 (274.76)	172.68 (274.25)	32.27 (54.86)	140.40 (105.12, 175.69)
Republic of Korea	51.95 (67.36)	54.54 (59.35)	47.62 (73.49)	6.92 (6.54, 7.30)

Republic of Moldova	27.98 (94.36)	342.86 (1251.20)	3.70 (16.20)	339.16 (-738.03, 1416.35)
Romania	88.78 (173.95)	311.88 (929.41)	43.32 (71.04)	268.56 (168.33, 368.78)
Russian Federation	57.65 (280.20)	78.29 (390.69)	41.99 (181.48)	36.30 (33.46, 39.14)
Rwanda	125.90 (1051.65)	169.84 (1415.48)	83.95 (625.54)	85.90 (-119.87, 291.66)
Saint Kitts and Nevis	281.89 (278.72)	331.78 (348.19)	197.79 (191.53)	133.99 (-6697.26, 6965.24)
Saint Lucia	405.82 (507.98)	387.53 (422.10)	374.84 (487.72)	12.69 (-4555.54, 4580.92)
Saint Vincent and the Grenadines	269.57 (220.11)	356.75 (324.43)	232.83 (205.31)	123.92 (-2731.73, 2979.57)
Samoa	250.92 (188.45)	252.03 (199.61)	227.62 (193.58)	24.41 (-449.01, 497.84)
San Marino	62.73 (63.11)	96.16 (103.58)	101.69 (110.71)	-5.52 (-1410.03, 1398.98)
Sao Tome and Principe	52.90 (49.03)	69.34 (65.92)	44.86 (44.22)	24.48 (-9.37, 58.33)
Saudi Arabia	125.50 (114.42)	188.08 (199.03)	86.51 (90.75)	101.57 (99.73, 103.40)
Senegal	91.60 (139.64)	123.64 (147.41)	68.89 (97.66)	54.74 (52.85, 56.63)
Serbia	92.18 (155.70)	99.25 (130.67)	69.85 (139.44)	29.39 (17.02, 41.77)
Seychelles	92.05 (100.72)	111.99 (144.48)	66.98 (66.20)	45.01 (-378.79, 468.81)
Sierra Leone	96.34 (61.52)	86.32 (60.12)	99.88 (71.12)	-13.57 (-14.82, -12.32)
Singapore	8.59 (6.97)	12.59 (9.07)	4.71 (3.83)	7.87 (7.84, 7.90)
Slovakia	90.33 (96.60)	263.99 (454.72)	48.54 (43.16)	215.45 (135.10, 295.80)
Slovenia	93.69 (151.12)	162.14 (311.31)	52.31 (81.23)	109.84 (9.29, 210.38)
Solomon Islands	368.99 (254.55)	379.48 (272.36)	383.03 (289.57)	-3.55 (-256.44, 249.34)
Somalia	96.06 (104.87)	124.13 (158.15)	79.54 (60.20)	44.59 (43.05, 46.13)
South Africa	45.77 (59.18)	48.71 (99.53)	34.85 (49.82)	13.87 (13.53, 14.20)
South Sudan	202.27 (278.47)	350.91 (567.37)	123.99 (150.85)	226.92 (188.12, 265.73)
Spain	38.25 (38.22)	37.08 (38.87)	51.50 (58.19)	-14.42 (-14.63, -14.20)
Sri Lanka	100.96 (149.14)	145.75 (266.05)	64.48 (69.73)	81.27 (74.26, 88.28)
Sudan	97.25 (79.46)	98.35 (98.38)	83.73 (58.75)	14.63 (14.32, 14.93)
Suriname	199.37 (210.79)	233.29 (210.95)	187.82 (149.72)	45.47 (-137.08, 228.01)
Sweden	44.41 (57.82)	62.11 (79.35)	31.54 (44.29)	30.57 (29.22, 31.93)
Switzerland	27.13 (20.24)	28.82 (25.71)	26.23 (22.51)	2.59 (2.36, 2.83)
Syrian Arab Republic	169.10 (192.27)	273.93 (283.19)	120.94 (174.15)	152.99 (147.31, 158.67)

	Taiwan (Province of China)	81.41 (91.21)	95.05 (98.27)	72.15 (87.59)	22.90 (21.39, 24.42)
	Tajikistan	137.38 (220.21)	140.59 (319.88)	122.09 (150.70)	18.50 (2.44, 34.56)
	Thailand	75.07 (91.14)	87.00 (137.12)	56.02 (61.67)	30.98 (30.30, 31.65)
	Timor-Leste	314.87 (299.90)	382.36 (361.75)	224.91 (221.74)	157.45 (-36.41, 351.30)
	Togo	103.03 (60.99)	69.85 (56.27)	137.18 (84.81)	-67.33 (-68.65, -66.02)
	Tokelau	1137.93 (1235.46)	2364.06 (2534.81)	2339.34 (2552.24)	24.72 (-10411744.62, 10411794.06)
	Tonga	196.49 (157.11)	204.08 (204.78)	179.13 (150.63)	24.95 (-940.74, 990.63)
	Trinidad and Tobago	180.65 (215.67)	255.32 (295.93)	160.88 (167.50)	94.44 (-60.80, 249.68)
	Tunisia	105.80 (55.82)	145.19 (87.95)	76.45 (43.80)	68.74 (67.40, 70.08)
	Turkey	28.37 (51.92)	42.24 (67.25)	25.29 (56.62)	16.94 (16.79, 17.10)
	Turkmenistan	160.80 (457.01)	607.45 (1952.37)	52.87 (141.51)	554.57 (-365.37, 1474.51)
	Tuvalu	377.37 (358.29)	595.39 (613.84)	433.34 (434.30)	162.05 (-83483.36, 83807.45)
	Uganda	77.98 (66.54)	94.19 (78.08)	79.04 (76.84)	15.15 (14.88, 15.42)
	Ukraine	52.12 (212.02)	102.11 (365.14)	33.18 (75.21)	68.93 (60.09, 77.76)
	United Arab Emirates	23.41 (146.87)	21.23 (190.70)	15.22 (84.31)	6.02 (-0.51, 12.54)
	United Kingdom	65.47 (48.37)	69.12 (47.86)	65.35 (64.48)	3.78 (3.60, 3.95)
	United Republic of Tanzania	46.65 (30.77)	77.30 (47.31)	28.01 (23.98)	49.29 (49.25, 49.34)
	United States of America	72.79 (64.23)	74.26 (64.41)	75.05 (77.58)	-0.79 (-0.84, -0.73)
	United States Virgin Islands	126.76 (121.36)	204.82 (222.68)	114.22 (95.74)	90.60 (-1498.69, 1679.89)
	Uruguay	147.39 (133.16)	370.96 (431.69)	55.70 (40.31)	315.26 (202.42, 428.10)
	Uzbekistan	101.72 (165.21)	179.47 (268.75)	65.24 (115.80)	114.23 (110.54, 117.92)
	Vanuatu	381.73 (281.39)	419.83 (319.70)	321.69 (266.74)	98.14 (-488.47, 684.75)
	Venezuela (Bolivarian Republic of)	722.12 (901.06)	2796.93 (5977.75)	371.99 (321.45)	2424.94 (429.18, 4420.71)
	Viet Nam	133.65 (86.66)	176.17 (125.09)	103.81 (62.73)	72.36 (72.00, 72.72)
	Yemen	300.34 (304.95)	368.32 (357.98)	286.37 (383.18)	81.95 (72.21, 91.70)
	Zambia	95.02 (60.16)	146.25 (108.31)	58.84 (43.70)	87.41 (86.68, 88.13)
	Zimbabwe	107.61 (146.19)	128.83 (138.92)	106.10 (296.68)	22.74 (14.94, 30.54)
<b>DALYs</b>	<b>Global</b>	2397.85 (946.22)	2819.65 (1178.40)	1974.00 (787.67)	845.65 (845.25, 846.06)
	<b>World Bank income levels</b>				

World Bank Low Income	2554.51 (1307.78)	3235.11 (1866.56)	2086.04 (1006.13)	1149.07 (1142.49, 1155.65)
World Bank Lower Middle Income	4271.06 (2248.80)	5511.64 (3388.24)	3175.28 (1538.57)	2336.36 (2329.92, 2342.81)
World Bank Upper Middle Income	1420.88 (877.91)	1582.87 (1203.46)	1253.23 (660.27)	329.64 (328.23, 331.05)
World Bank High Income	2285.12 (1068.11)	2545.47 (1172.38)	1917.08 (910.24)	628.39 (624.87, 631.91)
<b>SDI regions</b>				
Low SDI	2654.76 (1268.41)	3153.46 (1644.89)	2316.41 (1052.56)	837.06 (833.05, 841.06)
Low-middle SDI	5468.99 (3811.60)	7309.95 (6291.31)	3843.37 (2185.11)	3466.57 (3439.15, 3493.99)
Middle SDI	1671.43 (862.56)	1980.86 (1166.09)	1380.61 (677.40)	600.25 (599.05, 601.46)
High-middle SDI	2519.20 (2475.45)	2912.68 (3242.67)	2210.76 (1625.56)	701.92 (665.36, 738.47)
High SDI	2018.30 (936.01)	2286.08 (1065.61)	1665.96 (791.65)	620.12 (616.66, 623.58)
<b>GBD super-regions</b>				
Central Europe, Eastern Europe, and Central Asia	1990.09 (3639.96)	3137.33 (6338.89)	1414.26 (2070.21)	1723.07 (1503.68, 1942.47)
High-income	2005.78 (977.37)	2215.85 (1059.59)	1725.38 (868.13)	490.47 (487.19, 493.75)
Latin America and Caribbean	3316.32 (1867.49)	3973.56 (2176.29)	2779.38 (1715.51)	1194.18 (1171.66, 1216.70)
North Africa and Middle East	3896.07 (1991.04)	4912.42 (2462.45)	3136.07 (1728.32)	1776.35 (1757.04, 1795.65)
South Asia	6875.15 (6811.10)	9838.90 (11964.83)	4442.86 (3321.50)	5396.04 (5264.74, 5527.34)
Southeast Asia, East Asia, and Oceania	1639.33 (1018.66)	1916.09 (1231.75)	1354.41 (853.16)	561.68 (559.67, 563.69)
Sub-Saharan Africa	1863.04 (864.45)	2409.75 (1185.71)	1508.59 (714.00)	901.17 (899.38, 902.95)
<b>GBD countries and territories</b>				
Afghanistan	6618.04 (13730.08)	9191.70 (16814.12)	6471.57 (11914.24)	2720.13 (-8513.33, 13953.58)
Albania	1897.23 (4008.43)	2819.74 (6678.14)	1067.76 (1668.22)	1751.98 (-36364.72, 39868.69)
Algeria	3778.26 (2160.27)	4211.16 (2590.77)	3178.57 (1914.09)	1032.59 (694.92, 1370.27)
American Samoa	11231.44 (6378.08)	12633.21 (7953.64)	10046.43 (6241.60)	2586.77 (-6000855.37, 6006028.92)
Andorra	1489.08 (2959.06)	1499.30 (3016.74)	1187.78 (1897.07)	311.53 (-308789.61, 309412.67)
Angola	2472.52 (1879.17)	3337.89 (2774.86)	1659.83 (1493.00)	1678.06 (1407.38, 1948.74)
Antigua and Barbuda	2902.45 (2801.47)	3626.15 (6284.24)	2511.04 (2150.35)	1115.12 (-896704.82, 898935.06)
Argentina	2768.60 (1999.71)	3643.79 (3107.48)	2152.34 (1462.53)	1491.45 (1041.63, 1941.27)
Armenia	3497.18 (6414.24)	9764.63 (21731.41)	1767.07 (2609.47)	7997.56 (-385882.27, 401877.39)
Australia	754.15 (485.18)	1019.61 (700.43)	496.59 (361.34)	523.02 (485.09, 560.94)

Austria	1402.68 (862.44)	1490.30 (1072.38)	1366.83 (875.96)	123.47 (-298.40, 545.35)
Azerbaijan	2031.79 (3068.08)	3272.76 (8010.95)	1578.51 (1825.62)	1694.26 (-10612.48, 14001.00)
Bahamas	3607.70 (2261.31)	5033.60 (3138.44)	2575.16 (1755.80)	2458.44 (-56087.76, 61004.65)
Bahrain	9236.31 (12721.35)	12734.54 (22345.34)	7876.14 (13893.68)	4858.40 (-708448.50, 718165.30)
Bangladesh	2965.39 (2963.27)	3664.96 (5037.93)	2352.66 (1660.88)	1312.30 (1036.34, 1588.26)
Barbados	6166.66 (5857.97)	11715.27 (23714.72)	4192.34 (2479.92)	7522.94 (-4285761.20, 4300807.07)
Belarus	1193.42 (3358.70)	2161.38 (6472.72)	656.37 (1193.84)	1505.01 (-9329.10, 12339.11)
Belgium	2080.01 (1191.58)	2008.64 (1154.81)	2288.35 (1655.51)	-279.71 (-939.07, 379.65)
Belize	5030.06 (6770.65)	6279.73 (11229.53)	3559.85 (3549.72)	2719.88 (-501742.62, 507182.38)
Benin	2432.30 (1584.85)	2312.76 (1711.53)	2423.33 (1448.50)	-110.57 (-500.45, 279.31)
Bermuda	2457.98 (1613.01)	2948.23 (2072.39)	2303.77 (2060.05)	644.46 (-298475.79, 299764.72)
Bhutan	2915.60 (2609.28)	3271.31 (2394.79)	2456.96 (2628.63)	814.35 (-27643.88, 29272.59)
Bolivia (Plurinational State of)	3525.03 (3336.38)	4558.51 (5017.84)	2900.55 (2594.42)	1657.96 (-2123.90, 5439.82)
Bosnia and Herzegovina	3231.48 (8464.58)	3098.77 (8980.41)	2866.60 (7596.73)	232.17 (-98917.94, 99382.28)
Botswana	3175.14 (3850.98)	3563.32 (5190.43)	3088.83 (5596.16)	474.49 (-30539.22, 31488.20)
Brazil	1665.37 (921.11)	1831.35 (1226.33)	1509.17 (892.26)	322.18 (302.51, 341.85)
Brunei Darussalam	3268.01 (2253.02)	3944.08 (3365.74)	2278.35 (1296.60)	1665.74 (-48941.34, 52272.81)
Bulgaria	3918.71 (4254.31)	4118.96 (4717.50)	3318.57 (3469.46)	800.40 (-12236.69, 13837.49)
Burkina Faso	3567.93 (2820.02)	4369.11 (5928.82)	3269.78 (1748.83)	1099.33 (-755.79, 2954.45)
Burundi	2378.50 (2826.40)	3869.71 (6070.81)	1493.29 (2063.76)	2376.41 (-978.45, 5731.27)
Cabo Verde	3752.45 (7363.24)	19980.65 (48314.72)	1588.57 (3091.08)	18392.08 (-6365898.71, 6402682.87)
Cambodia	4095.64 (2366.03)	4419.35 (2815.74)	3731.72 (2270.01)	687.63 (-584.08, 1959.33)
Cameroon	3085.11 (2327.85)	3612.43 (2506.50)	2530.53 (2159.77)	1081.90 (663.20, 1500.61)
Canada	1832.74 (1135.12)	2555.48 (1591.82)	1680.39 (1158.01)	875.09 (709.41, 1040.78)
Central African Republic	5672.47 (3495.45)	8013.83 (4856.74)	3553.41 (2478.23)	4460.42 (-599.55, 9520.38)
Chad	2562.97 (2344.49)	3019.61 (3208.35)	2057.23 (1205.70)	962.38 (331.15, 1593.61)
Chile	1414.17 (1092.03)	1655.63 (1361.97)	1134.20 (858.46)	521.43 (274.97, 767.89)
China	895.82 (591.38)	942.75 (769.78)	705.54 (403.32)	237.21 (236.09, 238.33)
Colombia	2263.03 (1776.93)	2308.63 (2057.68)	2172.88 (1658.62)	135.75 (-105.40, 376.90)

Comoros	1116.73 (1613.07)	1616.88 (1956.16)	966.47 (1025.51)	650.41 (-7005.37, 8306.20)
Congo	3517.70 (4739.04)	5081.60 (6980.78)	2261.56 (3136.76)	2820.04 (-8271.79, 13911.87)
Cook Islands	7739.02 (11437.00)	11605.13 (18723.52)	6290.48 (8959.65)	5314.65 (-49517358.25, 49527987.55)
Costa Rica	2081.01 (3074.91)	2686.21 (2851.14)	1547.31 (2809.21)	1138.90 (-4368.00, 6645.81)
Croatia	3290.75 (2395.23)	3830.65 (3019.66)	2706.75 (2129.01)	1123.90 (-6930.54, 9178.34)
Cuba	2441.72 (2689.32)	2929.03 (3469.08)	2207.22 (2468.30)	721.81 (-2832.48, 4276.10)
Cyprus	2403.67 (1556.87)	3129.72 (2899.88)	1972.57 (1283.08)	1157.15 (-12953.08, 15267.39)
Czechia	3249.84 (1953.80)	3901.02 (2259.12)	2575.30 (1919.21)	1325.72 (-296.56, 2948.00)
Côte d'Ivoire	2082.97 (1954.43)	2367.01 (2331.51)	1828.70 (1967.68)	538.32 (183.12, 893.51)
Democratic People's Republic of Korea	2145.58 (1303.17)	648.85 (739.14)	1847.22 (1117.21)	-1198.37 (-1334.11, -1062.62)
Democratic Republic of the Congo	3161.45 (3959.54)	4344.19 (7797.56)	2082.05 (1393.60)	2262.14 (1691.95, 2832.33)
Denmark	1689.50 (1457.30)	1709.68 (1346.94)	1696.51 (1533.29)	13.17 (-1253.52, 1279.86)
Djibouti	3194.07 (2460.96)	4315.00 (3447.22)	2136.54 (1314.66)	2178.46 (-15785.61, 20142.53)
Dominica	5928.51 (6016.49)	6931.68 (7847.40)	5896.13 (5601.62)	1035.55 (-2477909.94, 2479981.04)
Dominican Republic	2260.63 (3649.74)	3143.81 (5576.28)	1510.91 (2607.79)	1632.89 (-4036.25, 7302.04)
Ecuador	2223.67 (2342.65)	2170.37 (2047.40)	2166.69 (3642.14)	3.68 (-1530.44, 1537.79)
Egypt	5965.24 (4927.66)	13091.72 (12521.99)	3287.61 (2323.50)	9804.11 (7828.86, 11779.35)
El Salvador	4084.98 (4043.87)	5007.55 (5012.34)	3400.44 (3815.01)	1607.10 (-10272.80, 13487.00)
Equatorial Guinea	2567.50 (2198.79)	2705.80 (3207.63)	2135.42 (1358.68)	570.38 (-7807.43, 8948.20)
Eritrea	4908.28 (6041.89)	6178.85 (7713.25)	3729.84 (4305.77)	2449.01 (-23301.99, 28200.01)
Estonia	1059.78 (4358.75)	2352.26 (12592.41)	583.76 (1878.03)	1768.50 (-276311.71, 279848.71)
Eswatini	3513.60 (5720.48)	3971.53 (7341.64)	2599.81 (4575.03)	1371.72 (-88197.36, 90940.80)
Ethiopia	918.95 (687.60)	1207.68 (923.53)	712.11 (560.65)	495.57 (484.92, 506.23)
Fiji	12477.28 (10762.82)	14902.64 (16063.17)	9577.34 (9217.12)	5325.30 (-609420.94, 620071.54)
Finland	2762.24 (2077.38)	2827.53 (2202.49)	2517.79 (2034.35)	309.73 (-2918.44, 3537.91)
France	858.60 (467.71)	983.62 (534.59)	738.28 (403.43)	245.34 (231.76, 258.92)
Gabon	2210.22 (1410.30)	2788.27 (1754.19)	1579.62 (1406.89)	1208.65 (-1431.03, 3848.32)
Gambia	2496.09 (5882.77)	2675.97 (5185.22)	2265.47 (4681.03)	410.50 (-20061.94, 20882.94)
Georgia	2755.63 (5342.44)	6652.84 (15409.38)	1189.32 (2257.31)	5463.52 (-141544.17, 152471.21)

Germany	3053.64 (2149.95)	3180.02 (2274.64)	2720.64 (2011.82)	459.38 (230.25, 688.51)
Ghana	1773.67 (1158.78)	2217.88 (1792.07)	1524.86 (861.51)	693.01 (544.09, 841.93)
Greece	3226.53 (2259.86)	3227.61 (1974.92)	3050.98 (2544.64)	176.64 (-2036.66, 2389.94)
Greenland	3643.97 (2856.15)	3644.36 (2793.67)	4876.06 (7742.27)	-1231.69 (-2453313.89, 2450850.50)
Grenada	3337.36 (2406.34)	5040.27 (5098.68)	2270.01 (2321.04)	2770.25 (-455896.72, 461437.22)
Guam	5345.96 (3274.74)	5655.77 (3492.19)	5276.11 (3629.92)	379.66 (-253784.51, 254543.84)
Guatemala	4673.88 (5729.43)	4118.37 (4056.97)	4796.49 (6682.07)	-678.12 (-5524.12, 4167.89)
Guinea	1947.58 (1318.31)	2245.81 (1916.27)	1678.32 (1010.12)	567.49 (179.59, 955.39)
Guinea-Bissau	1961.26 (1017.82)	2162.30 (1113.35)	1826.44 (1086.55)	335.86 (-1041.23, 1712.95)
Guyana	5064.84 (3815.10)	5094.58 (3863.23)	4954.25 (4007.98)	140.33 (-68984.71, 69265.36)
Haiti	6325.44 (3689.03)	6727.18 (3748.03)	6498.00 (4222.85)	229.18 (-3904.01, 4362.38)
Honduras	3473.28 (2032.50)	3294.54 (2354.40)	3997.26 (3691.40)	-702.73 (-3340.06, 1934.61)
Hungary	4054.46 (5592.20)	7938.48 (13816.95)	1892.13 (2252.55)	6046.35 (-38510.75, 50603.45)
Iceland	1774.24 (1137.03)	1825.48 (1515.45)	1508.94 (1011.75)	316.55 (-15472.18, 16105.28)
India	8151.90 (10966.25)	13364.01 (22628.97)	4624.20 (3676.27)	8739.80 (8134.01, 9345.60)
Indonesia	2711.22 (1495.46)	3671.15 (2037.46)	2005.31 (1127.63)	1665.83 (1632.31, 1699.36)
Iran (Islamic Republic of)	2646.65 (1557.46)	3227.55 (2291.43)	2324.21 (1280.20)	903.33 (766.67, 1040.00)
Iraq	5399.34 (6076.18)	9096.21 (10252.42)	3491.40 (3759.16)	5604.81 (2483.61, 8726.01)
Ireland	2222.53 (1345.55)	2152.19 (1360.87)	3401.49 (2471.35)	-1249.30 (-3967.09, 1468.49)
Israel	1819.03 (1455.39)	1670.46 (1402.28)	1665.35 (1388.28)	5.11 (-582.31, 592.53)
Italy	2615.16 (2650.65)	2454.75 (2404.87)	2427.19 (2381.40)	27.56 (-402.29, 457.42)
Jamaica	8026.95 (24586.91)	6677.42 (37534.37)	7584.23 (11958.58)	-906.81 (-1241059.46, 1239245.84)
Japan	1350.85 (942.02)	1607.44 (1476.81)	1203.77 (739.71)	403.67 (351.21, 456.13)
Jordan	9101.74 (18645.20)	10833.89 (14968.51)	6742.74 (18595.75)	4091.15 (-70662.49, 78844.79)
Kazakhstan	1323.84 (1968.50)	1581.63 (2231.15)	1003.46 (1473.07)	578.17 (26.55, 1129.79)
Kenya	1216.01 (1092.56)	1537.27 (1554.97)	941.96 (700.99)	595.31 (527.68, 662.94)
Kiribati	9864.99 (6092.34)	11622.17 (8344.64)	7996.25 (4595.94)	3625.91 (-941823.02, 949074.85)
Kuwait	3790.02 (11676.31)	2522.60 (7425.48)	7562.63 (26372.45)	-5040.03 (-331622.47, 321542.41)
Kyrgyzstan	1570.48 (2499.64)	2168.08 (4704.18)	1358.11 (1949.04)	809.97 (-4644.89, 6264.84)

Lao People's Democratic Republic	8319.79 (10557.10)	8279.92 (8212.81)	6297.79 (6594.56)	1982.13 (-20261.07, 24225.33)
Latvia	1322.02 (6364.22)	3222.09 (18594.95)	607.41 (2517.07)	2614.67 (-499362.15, 504591.50)
Lebanon	8290.84 (13870.55)	9293.27 (15048.17)	7207.26 (13154.98)	2086.01 (-156924.18, 161096.20)
Lesotho	3540.66 (4637.03)	4017.79 (4123.59)	3046.99 (6523.02)	970.80 (-38921.53, 40863.13)
Liberia	3187.27 (7511.82)	3553.32 (8978.62)	2533.49 (8049.40)	1019.83 (-31038.50, 33078.16)
Libya	7248.98 (5609.97)	9227.35 (7228.95)	4938.67 (6667.59)	4288.68 (-17914.53, 26491.90)
Lithuania	742.83 (2316.47)	1685.31 (6531.64)	277.94 (728.35)	1407.37 (-38739.06, 41553.80)
Luxembourg	2516.70 (2252.95)	1990.05 (2008.61)	3344.68 (4134.59)	-1354.63 (-54342.84, 51633.59)
Madagascar	1601.37 (822.25)	1945.15 (975.89)	1323.09 (682.57)	622.06 (568.09, 676.03)
Malawi	3501.30 (4058.96)	5058.25 (5479.36)	2291.17 (2890.49)	2767.08 (711.79, 4822.37)
Malaysia	4215.31 (4946.76)	6226.11 (9081.70)	2749.73 (2812.63)	3476.38 (-813.85, 7766.61)
Maldives	2238.52 (1916.66)	2567.48 (2019.11)	1553.59 (1754.65)	1013.89 (-23505.75, 25533.53)
Mali	3526.17 (2070.06)	4093.17 (3122.00)	3391.41 (1898.46)	701.76 (151.35, 1252.16)
Malta	1299.34 (655.78)	1041.60 (681.41)	1633.27 (985.28)	-591.67 (-6086.94, 4903.59)
Marshall Islands	18541.25 (10621.80)	20292.73 (13169.33)	15924.26 (10760.84)	4368.47 (-11052627.18, 11061364.13)
Mauritania	2647.14 (4619.04)	2783.63 (5706.94)	2679.56 (3528.77)	104.07 (-9845.63, 10053.77)
Mauritius	5880.11 (6823.56)	6946.94 (11490.39)	5362.12 (6181.42)	1584.82 (-275125.62, 278295.26)
Mexico	5851.07 (4005.80)	7765.61 (5927.33)	4237.86 (2827.20)	3527.74 (2928.05, 4127.44)
Micronesia (Federated States of)	7090.87 (7571.03)	9343.29 (10884.51)	5137.13 (4672.04)	4206.16 (-2027037.62, 2035449.94)
Monaco	1824.27 (2577.42)	1767.59 (2291.26)	1098.77 (1422.44)	668.82 (-380947.09, 382284.74)
Mongolia	2108.45 (1777.82)	3610.50 (3237.89)	1135.88 (1210.67)	2474.62 (-2788.75, 7737.98)
Montenegro	2044.89 (1665.73)	2969.90 (2912.40)	1308.33 (1060.46)	1661.57 (-30906.48, 34229.63)
Morocco	2857.52 (1930.41)	3384.05 (3255.60)	2668.86 (1754.30)	715.18 (119.88, 1310.49)
Mozambique	2319.68 (2058.41)	3287.68 (3075.74)	1472.39 (1227.66)	1815.29 (1470.01, 2160.57)
Myanmar	3587.29 (2545.06)	4750.67 (3587.19)	2713.13 (2000.32)	2037.54 (1481.48, 2593.60)
Namibia	2491.85 (2950.22)	3208.49 (4320.76)	2122.48 (2422.20)	1086.00 (-11878.76, 14050.77)
Nauru	4979.20 (4874.53)	6544.80 (7274.57)	4243.92 (4116.71)	2300.88 (-9276021.00, 9280622.76)
Nepal	3315.74 (2339.29)	4507.96 (4116.99)	2997.54 (1869.41)	1510.42 (404.46, 2616.37)
Netherlands	2091.10 (1711.86)	2153.70 (1800.20)	2093.37 (1807.93)	60.33 (-652.55, 773.20)



New Zealand	1332.55 (1145.99)	1335.59 (1151.26)	1336.29 (1207.34)	-0.71 (-917.50, 916.09)
Nicaragua	3428.36 (3242.36)	3798.30 (3593.64)	2924.43 (3559.09)	873.87 (-4641.50, 6389.25)
Niger	3120.10 (2227.23)	3467.01 (2554.06)	2881.22 (2282.48)	585.79 (243.15, 928.43)
Nigeria	2051.15 (1158.48)	1638.99 (965.57)	2776.13 (1673.10)	-1137.14 (-1156.62, -1117.66)
Niue	6842.46 (6625.25)	8372.35 (8927.13)	5209.47 (6779.74)	3162.88 (-118587632.69, 118593958.45)
North Macedonia	4205.96 (3501.21)	5157.71 (5005.91)	3086.87 (2611.62)	2070.85 (-30651.89, 34793.59)
Northern Mariana Islands	2702.58 (2622.56)	3133.62 (4106.89)	3155.91 (3217.23)	-22.30 (-1054703.73, 1054659.13)
Norway	6983.98 (8307.80)	6637.86 (8406.77)	7908.70 (10280.80)	-1270.84 (-55656.68, 53115.00)
Oman	1518.33 (1215.06)	1294.49 (1991.81)	1663.07 (1020.53)	-368.58 (-1815.63, 1078.46)
Pakistan	4225.66 (3958.61)	8231.98 (6681.79)	3089.35 (2904.99)	5142.63 (4859.68, 5425.59)
Palau	13251.71 (9339.19)	17587.57 (15082.74)	8072.72 (5401.68)	9514.85 (-30201144.72, 30220174.42)
Palestine	5660.22 (3905.44)	7971.11 (5455.71)	4185.30 (3124.10)	3785.81 (-4932.44, 12504.06)
Panama	2442.10 (1712.46)	2499.52 (1992.13)	2016.48 (2559.23)	483.04 (-3107.98, 4074.06)
Papua New Guinea	9604.91 (4803.12)	11857.80 (5830.23)	6807.41 (3872.17)	5050.39 (-1366.25, 11467.04)
Paraguay	4630.58 (8571.49)	8219.72 (13090.43)	1973.03 (4224.66)	6246.70 (-37041.94, 49535.33)
Peru	2545.17 (4117.83)	3097.30 (4687.57)	2113.59 (3971.83)	983.71 (-780.23, 2747.65)
Philippines	9215.21 (9642.31)	9546.31 (9632.45)	9051.98 (9639.33)	494.33 (-1811.30, 2799.95)
Poland	2343.66 (2231.35)	3611.18 (4908.02)	1561.58 (1231.51)	2049.60 (576.90, 3522.30)
Portugal	2444.62 (1781.73)	2589.97 (1953.64)	2217.17 (1623.90)	372.79 (-1006.36, 1751.95)
Puerto Rico	4096.97 (2567.82)	4093.67 (2749.18)	3871.40 (2338.41)	222.27 (-9275.67, 9720.20)
Qatar	3308.86 (2867.99)	4027.20 (3479.54)	2371.39 (2972.76)	1655.81 (-11484.43, 14796.05)
Republic of Korea	1733.55 (1478.52)	2158.34 (1910.15)	1414.54 (1234.86)	743.80 (520.06, 967.54)
Republic of Moldova	1185.14 (2598.73)	3246.91 (5365.91)	338.00 (976.44)	2908.91 (-17493.85, 23311.68)
Romania	2438.52 (3492.30)	5480.04 (10790.55)	1515.96 (1894.18)	3964.07 (-9863.50, 17791.65)
Russian Federation	1602.17 (5722.64)	2116.98 (7793.91)	1305.34 (4042.16)	811.64 (-364.26, 1987.54)
Rwanda	3055.16 (23026.62)	3936.26 (31551.79)	2061.78 (15264.33)	1874.49 (-103600.99, 107349.96)
Saint Kitts and Nevis	16151.83 (19207.09)	36436.22 (46230.59)	5417.88 (5962.12)	31018.33 (-96259230.58, 96321267.24)
Saint Lucia	5851.75 (5774.16)	6577.71 (5976.81)	5992.04 (6448.93)	585.67 (-850177.69, 851349.04)
Saint Vincent and the Grenadines	6229.74 (4650.29)	8362.45 (6550.96)	4963.38 (4478.25)	3399.07 (-1215557.28, 1222355.41)

Samoa	7229.91 (4065.21)	8170.36 (4926.95)	5983.27 (3701.66)	2187.10 (-229348.83, 233723.02)
San Marino	1378.53 (1000.12)	1360.96 (981.30)	1139.98 (913.33)	220.97 (-109812.50, 110254.44)
Sao Tome and Principe	1782.42 (1160.77)	2110.91 (1440.84)	1531.03 (1138.65)	579.89 (-17503.12, 18662.89)
Saudi Arabia	5396.25 (3565.41)	6807.69 (4570.93)	4032.89 (2984.59)	2774.80 (1601.82, 3947.78)
Senegal	1842.51 (3257.56)	2340.30 (4346.20)	1666.41 (2961.25)	673.89 (-999.12, 2346.89)
Serbia	3129.76 (3588.55)	3369.41 (3483.91)	2397.77 (3067.43)	971.64 (-6363.94, 8307.23)
Seychelles	4758.79 (4508.58)	6453.77 (8038.68)	3308.67 (2865.25)	3145.10 (-1218521.99, 1224812.20)
Sierra Leone	2399.16 (1578.40)	2410.03 (1783.61)	2304.14 (1514.96)	105.89 (-683.66, 895.43)
Singapore	1532.35 (2755.25)	1249.49 (1936.87)	1626.65 (3547.87)	-377.17 (-5479.73, 4725.40)
Slovakia	2563.15 (2493.36)	9525.19 (17714.81)	1448.55 (1129.78)	8076.64 (-113294.86, 129448.14)
Slovenia	3810.25 (4365.63)	9129.16 (16159.78)	1817.50 (1948.13)	7311.66 (-249822.74, 264446.06)
Solomon Islands	9099.92 (8007.57)	10882.04 (7707.97)	7552.14 (8705.33)	3329.90 (-213113.77, 219773.57)
Somalia	3025.48 (3968.66)	3950.01 (5425.61)	2056.24 (2774.03)	1893.77 (-101.74, 3889.28)
South Africa	1320.76 (1413.33)	1810.78 (2437.36)	1035.47 (1301.85)	775.32 (569.81, 980.82)
South Sudan	17474.17 (35238.01)	38697.53 (91521.03)	10043.63 (17540.38)	28653.90 (-949256.51, 1006564.30)
Spain	2365.24 (2072.58)	2454.23 (2746.63)	2096.89 (1672.89)	357.33 (-106.28, 820.95)
Sri Lanka	4891.16 (7160.60)	6851.45 (13822.72)	3766.36 (3625.35)	3085.09 (-15846.68, 22016.86)
Sudan	2904.94 (1918.32)	3077.38 (2533.65)	2417.45 (1412.54)	659.93 (464.32, 855.54)
Suriname	3310.48 (10876.39)	3555.63 (14184.62)	3266.30 (7829.55)	289.33 (-719771.53, 720350.18)
Sweden	1351.14 (1219.78)	1694.40 (1567.98)	1085.90 (1109.14)	608.50 (3.20, 1213.81)
Switzerland	1379.85 (719.90)	1474.87 (975.62)	1773.43 (1596.05)	-298.55 (-1000.83, 403.72)
Syrian Arab Republic	3079.30 (2830.69)	4158.10 (3228.62)	2578.59 (2972.08)	1579.52 (593.45, 2565.58)
Taiwan (Province of China)	2582.67 (2315.29)	3110.03 (2900.52)	1965.48 (1716.82)	1144.55 (140.15, 2148.95)
Tajikistan	3030.27 (4968.21)	3632.82 (7548.24)	3062.58 (4214.34)	570.23 (-9036.15, 10176.62)
Thailand	2431.52 (3098.89)	2605.03 (4100.98)	2358.15 (2993.29)	246.89 (-508.25, 1002.03)
Timor-Leste	9310.15 (11211.56)	10830.45 (11739.75)	7598.34 (8624.60)	3232.11 (-225864.31, 232328.53)
Togo	1896.02 (1764.50)	1591.28 (1474.27)	2390.03 (1946.44)	-798.75 (-1554.47, -43.03)
Tokelau	6442.19 (5754.35)	6042.57 (5879.35)	7669.33 (6974.75)	-1626.76 (-67032658.60, 67029405.08)
Tonga	6354.56 (5024.82)	6910.17 (8834.43)	5889.85 (3372.85)	1020.32 (-1336270.63, 1338311.26)

Trinidad and Tobago	4563.62 (4642.89)	5327.49 (7039.30)	3894.77 (3517.00)	1432.72 (-81920.37, 84785.81)
Tunisia	4208.68 (2028.94)	5024.79 (2457.59)	3214.41 (1688.73)	1810.38 (582.98, 3037.77)
Turkey	1460.54 (2228.18)	1857.49 (2659.45)	1323.59 (2225.71)	533.90 (287.83, 779.97)
Turkmenistan	3319.88 (7929.96)	9201.15 (27875.09)	1383.85 (2980.35)	7817.30 (-180836.43, 196471.03)
Tuvalu	12277.30 (8136.95)	13907.25 (9663.80)	11171.61 (8382.45)	2735.63 (-24235578.67, 24241049.93)
Uganda	1105.95 (1242.96)	917.65 (1234.76)	1108.46 (1258.96)	-190.82 (-260.37, -121.26)
Ukraine	1260.68 (3863.10)	2556.41 (6507.92)	798.59 (1859.19)	1757.82 (-1141.69, 4657.33)
United Arab Emirates	1604.13 (7107.28)	1809.10 (12301.16)	1169.84 (4761.37)	639.26 (-24802.47, 26080.99)
United Kingdom	1940.69 (1731.71)	2927.92 (2356.15)	1026.98 (1119.72)	1900.94 (1714.59, 2087.30)
United Republic of Tanzania	1188.87 (770.26)	1776.09 (1012.11)	777.90 (639.37)	998.19 (976.49, 1019.89)
United States of America	2558.19 (2179.39)	2458.32 (2053.29)	2520.06 (2368.58)	-61.73 (-112.99, -10.48)
United States Virgin Islands	2689.79 (2534.96)	3368.95 (5514.84)	2799.18 (1535.20)	569.77 (-898427.00, 899566.53)
Uruguay	3702.73 (2993.40)	7646.51 (7130.48)	1716.58 (1184.01)	5929.93 (-25406.46, 37266.31)
Uzbekistan	2612.84 (3375.52)	4768.99 (5854.70)	1778.89 (2445.44)	2990.10 (1255.72, 4724.48)
Vanuatu	9536.81 (7208.51)	12432.20 (7090.29)	6818.93 (7256.47)	5613.27 (-343141.17, 354367.71)
Venezuela (Bolivarian Republic of)	11505.87 (10569.55)	23854.45 (31739.87)	7993.87 (8026.27)	15860.58 (-43691.47, 75412.64)
Viet Nam	3250.40 (2224.09)	3933.27 (2949.53)	2686.74 (1738.74)	1246.53 (1030.95, 1462.11)
Yemen	6053.99 (3853.04)	7046.76 (4316.23)	5582.19 (3886.71)	1464.57 (268.53, 2660.61)
Zambia	2572.37 (1618.26)	3922.39 (2776.22)	1543.96 (1064.57)	2378.42 (1908.84, 2848.01)
Zimbabwe	3309.34 (5057.58)	3679.37 (3689.86)	3218.10 (8122.13)	461.28 (-5320.57, 6243.12)

69 **Table S11 Average annual percent changes (AAPCs) in global prediction rates of deaths and disability-adjusted life-years (DALYs) attributable to**  
70 **high fasting plasma glucose (FPG) by sex and age group between 2020 and 2050**

Measure	Age	Both (%)	Male (%)	Female (%)	Difference*
Deaths	All ages	2.90 (2.87, 2.93)	3.04 (3.02, 3.06)	2.79 (2.77, 2.82)	0.25 (0.22, 0.28)
	0-4	-0.88 (-0.90, -0.86)	-0.10 (-0.13, -0.08)	-1.59 (-1.61, -1.58)	1.49 (1.46, 1.52)
	5-9	-1.76 (-1.89, -1.63)	-1.13 (-1.28, -0.97)	-2.25 (-2.33, -2.17)	1.12 (0.95, 1.30)
	10-14	-2.30 (-2.55, -2.04)	-1.86 (-2.54, -1.18)	-2.73 (-2.97, -2.50)	0.87 (0.15, 1.59)
	15-19	-1.56 (-1.67, -1.45)	-0.90 (-1.02, -0.78)	-2.14 (-2.23, -2.04)	1.24 (1.09, 1.40)
	20-24	-1.28 (-1.35, -1.20)	-0.67 (-0.73, -0.61)	-1.85 (-1.90, -1.81)	1.18 (1.11, 1.26)
	25-29	-0.72 (-0.73, -0.70)	-0.24 (-0.26, -0.22)	-1.21 (-1.23, -1.18)	0.97 (0.94, 1.00)
	30-34	-0.41 (-0.43, -0.40)	-0.01 (-0.03, 0.00)	-0.81 (-0.83, -0.79)	0.80 (0.77, 0.82)
	35-39	-0.18 (-0.19, -0.16)	0.16 (0.14, 0.18)	-0.49 (-0.50, -0.48)	0.65 (0.63, 0.67)
	40-44	-0.02 (-0.05, -0.00)	0.29 (0.27, 0.30)	-0.32 (-0.34, -0.29)	0.60 (0.58, 0.63)
	45-49	0.21 (0.20, 0.23)	0.52 (0.51, 0.53)	-0.11 (-0.14, -0.07)	0.62 (0.59, 0.66)
	50-54	0.40 (0.38, 0.42)	0.73 (0.71, 0.76)	0.04 (0.02, 0.06)	0.70 (0.66, 0.73)
	55-59	0.41 (0.39, 0.42)	0.71 (0.69, 0.72)	0.05 (0.03, 0.08)	0.65 (0.62, 0.68)
	60-64	0.50 (0.48, 0.52)	0.73 (0.69, 0.77)	0.21 (0.18, 0.24)	0.52 (0.47, 0.57)
	65-69	0.65 (0.63, 0.67)	0.83 (0.79, 0.88)	0.39 (0.36, 0.41)	0.45 (0.39, 0.50)
	70-74	0.79 (0.76, 0.82)	0.90 (0.88, 0.92)	0.59 (0.57, 0.62)	0.31 (0.28, 0.34)
	75-79	0.80 (0.77, 0.82)	0.87 (0.81, 0.92)	0.68 (0.66, 0.71)	0.18 (0.12, 0.24)
	80-84	0.83 (0.81, 0.85)	0.89 (0.85, 0.93)	0.76 (0.75, 0.78)	0.12 (0.08, 0.17)
	85-89	0.90 (0.86, 0.94)	0.95 (0.92, 0.97)	0.83 (0.81, 0.85)	0.12 (0.09, 0.15)
	90-94	0.93 (0.91, 0.96)	0.99 (0.98, 1.01)	0.83 (0.80, 0.85)	0.17 (0.14, 0.20)
95+	0.99 (0.98, 1.00)	1.03 (1.02, 1.05)	0.88 (0.87, 0.90)	0.15 (0.13, 0.17)	
DALYs	All ages	2.27 (2.26, 2.28)	2.30 (2.29, 2.31)	2.26 (2.25, 2.27)	0.04 (0.03, 0.06)
	0-4	-1.27 (-1.28, -1.26)	-0.75 (-0.76, -0.74)	-1.93 (-1.94, -1.91)	1.18 (1.16, 1.20)
	5-9	-1.35 (-1.36, -1.34)	-0.83 (-0.84, -0.82)	-2.01 (-2.02, -2.00)	1.18 (1.16, 1.20)

10-14	-1.34 (-1.36, -1.33)	-0.83 (-0.84, -0.82)	-2.00 (-2.02, -1.99)	1.17 (1.15, 1.19)
15-19	-1.28 (-1.29, -1.27)	-0.80 (-0.81, -0.79)	-1.91 (-1.92, -1.90)	1.12 (1.10, 1.13)
20-24	-1.16 (-1.17, -1.15)	-0.75 (-0.77, -0.74)	-1.69 (-1.71, -1.68)	0.94 (0.92, 0.96)
25-29	-0.89 (-0.90, -0.88)	-0.57 (-0.58, -0.56)	-1.32 (-1.34, -1.29)	0.75 (0.72, 0.78)
30-34	-0.55 (-0.56, -0.53)	-0.28 (-0.32, -0.25)	-0.86 (-0.88, -0.85)	0.58 (0.54, 0.61)
35-39	-0.15 (-0.18, -0.13)	0.05 (0.04, 0.06)	-0.37 (-0.40, -0.35)	0.43 (0.40, 0.45)
40-44	0.16 (0.15, 0.17)	0.34 (0.31, 0.36)	-0.03 (-0.05, -0.01)	0.36 (0.33, 0.39)
45-49	0.51 (0.49, 0.53)	0.64 (0.62, 0.66)	0.35 (0.33, 0.38)	0.28 (0.25, 0.32)
50-54	0.78 (0.76, 0.80)	0.91 (0.88, 0.93)	0.62 (0.61, 0.63)	0.29 (0.26, 0.32)
55-59	0.84 (0.82, 0.86)	0.95 (0.91, 0.99)	0.70 (0.69, 0.71)	0.25 (0.21, 0.29)
60-64	0.93 (0.90, 0.96)	0.96 (0.94, 0.98)	0.85 (0.83, 0.87)	0.11 (0.09, 0.14)
65-69	0.96 (0.94, 0.99)	0.95 (0.93, 0.97)	0.92 (0.89, 0.95)	0.03 (-0.00, 0.07)
70-74	0.98 (0.96, 1.00)	0.92 (0.90, 0.93)	1.00 (0.98, 1.02)	-0.08 (-0.11, -0.05)
75-79	0.91 (0.89, 0.93)	0.83 (0.79, 0.86)	0.96 (0.94, 0.99)	-0.14 (-0.18, -0.10)
80-84	0.90 (0.89, 0.92)	0.81 (0.77, 0.84)	0.97 (0.96, 0.98)	-0.16 (-0.20, -0.13)
85-89	0.92 (0.89, 0.95)	0.83 (0.81, 0.85)	0.98 (0.96, 1.00)	-0.15 (-0.18, -0.13)
90-94	0.91 (0.88, 0.93)	0.83 (0.81, 0.85)	0.93 (0.91, 0.95)	-0.10 (-0.13, -0.07)
95+	0.93 (0.90, 0.96)	0.84 (0.82, 0.85)	0.94 (0.93, 0.96)	-0.10 (-0.12, -0.08)

71 Notes: \*mean difference with 95% confidence intervals in predicted AAPCs of high-FPG-related death rates and DALYs rates between males and females

72 **Table S12 Predicted average annual percent changes (AAPCs) in age-standardized rates of deaths and disability-adjusted life-years (DALYs)**  
73 **attributable to high fasting plasma glucose (FPG) by location between 2020 and 2050**

Measure	Location	Both (%)	Male (%)	Female (%)	Difference*	
<b>Deaths</b>	<b>Global</b>	0.37 (0.37, 0.38)	0.43 (0.43, 0.44)	0.20 (0.19, 0.20)	0.24 (0.23, 0.25)	
	<b>World Bank income levels</b>					
		World Bank Low Income	-0.23 (-0.23, -0.22)	-0.09 (-0.09, -0.08)	-0.30 (-0.31, -0.29)	0.21 (0.20, 0.22)
		World Bank Lower Middle Income	1.09 (1.08, 1.10)	1.58 (1.57, 1.59)	0.54 (0.52, 0.55)	1.04 (1.03, 1.06)
		World Bank Upper Middle Income	-1.17 (-1.18, -1.15)	-1.25 (-1.27, -1.24)	-1.26 (-1.27, -1.26)	0.01 (-0.01, 0.03)
		World Bank High Income	1.08 (1.07, 1.08)	0.62 (0.62, 0.62)	1.56 (1.55, 1.56)	-0.94 (-0.95, -0.93)
		<b>SDI regions</b>				
		Low SDI	0.05 (0.05, 0.06)	0.01 (0.00, 0.01)	0.26 (0.25, 0.27)	-0.26 (-0.27, -0.25)
		Low-middle SDI	1.87 (1.86, 1.88)	2.52 (2.52, 2.53)	1.05 (1.04, 1.06)	1.47 (1.46, 1.49)
		Middle SDI	-0.84 (-0.85, -0.83)	-0.79 (-0.81, -0.78)	-1.14 (-1.15, -1.13)	0.35 (0.33, 0.37)
		High-middle SDI	0.04 (0.01, 0.07)	-0.09 (-0.13, -0.05)	-0.07 (-0.09, -0.06)	-0.02 (-0.06, 0.02)
		High SDI	0.92 (0.92, 0.93)	0.51 (0.51, 0.52)	1.35 (1.34, 1.35)	-0.84 (-0.84, -0.83)
		<b>GBD super-regions</b>				
		Central Europe, Eastern Europe, and Central Asia	-0.40 (-0.42, -0.37)	0.42 (0.39, 0.44)	-1.02 (-1.03, -1.01)	1.44 (1.41, 1.46)
		High-income	0.97 (0.96, 0.97)	0.46 (0.46, 0.47)	1.63 (1.63, 1.64)	-1.17 (-1.17, -1.16)
		Latin America and Caribbean	0.24 (0.23, 0.25)	0.65 (0.64, 0.65)	-0.21 (-0.21, -0.20)	0.86 (0.85, 0.86)
		North Africa and Middle East	-0.34 (-0.35, -0.33)	-0.05 (-0.05, -0.04)	-0.73 (-0.74, -0.72)	0.68 (0.67, 0.70)
		South Asia	2.74 (2.73, 2.74)	3.53 (3.52, 3.54)	1.88 (1.87, 1.89)	1.65 (1.64, 1.66)
		Southeast Asia, East Asia, and Oceania	-0.58 (-0.59, -0.57)	-0.69 (-0.70, -0.68)	-0.86 (-0.87, -0.85)	0.17 (0.15, 0.18)
		Sub-Saharan Africa	-1.15 (-1.16, -1.14)	-0.89 (-0.90, -0.89)	-1.32 (-1.33, -1.30)	0.42 (0.41, 0.43)
		<b>GBD countries and territories</b>				
		Afghanistan	-0.42 (-0.50, -0.35)	0.08 (0.03, 0.13)	-0.15 (-0.21, -0.10)	0.24 (0.16, 0.31)
		Albania	1.46 (1.45, 1.47)	2.03 (2.01, 2.04)	0.73 (0.73, 0.74)	1.29 (1.27, 1.31)
		Algeria	-0.21 (-0.24, -0.18)	-0.04 (-0.08, -0.01)	-0.71 (-0.74, -0.69)	0.67 (0.63, 0.71)

American Samoa	0.19 (0.18, 0.20)	0.08 (0.07, 0.08)	0.66 (0.65, 0.66)	-0.58 (-0.59, -0.57)
Andorra	0.36 (0.35, 0.37)	0.42 (0.41, 0.43)	0.37 (0.36, 0.37)	0.05 (0.05, 0.06)
Angola	-0.25 (-0.27, -0.23)	-0.52 (-0.54, -0.50)	0.03 (-0.01, 0.07)	-0.55 (-0.59, -0.51)
Antigua and Barbuda	-1.39 (-1.40, -1.39)	-1.45 (-1.46, -1.44)	-1.08 (-1.08, -1.07)	-0.38 (-0.39, -0.36)
Argentina	1.42 (1.41, 1.42)	2.03 (2.03, 2.04)	1.09 (1.09, 1.10)	0.94 (0.93, 0.95)
Armenia	-0.37 (-0.38, -0.36)	1.35 (1.34, 1.37)	-1.52 (-1.53, -1.51)	2.88 (2.86, 2.89)
Australia	-1.34 (-1.36, -1.33)	-0.78 (-0.79, -0.76)	-2.49 (-2.51, -2.48)	1.72 (1.70, 1.74)
Austria	-0.97 (-0.99, -0.96)	-1.61 (-1.62, -1.59)	-0.11 (-0.11, -0.10)	-1.50 (-1.51, -1.48)
Azerbaijan	-2.63 (-2.66, -2.61)	-1.52 (-1.55, -1.49)	-3.69 (-3.71, -3.67)	2.17 (2.13, 2.21)
Bahamas	0.39 (0.38, 0.40)	0.74 (0.74, 0.75)	-0.39 (-0.39, -0.38)	1.13 (1.12, 1.14)
Bahrain	4.32 (4.31, 4.33)	5.71 (5.71, 5.72)	0.10 (0.10, 0.11)	5.61 (5.60, 5.62)
Bangladesh	1.33 (1.31, 1.35)	1.91 (1.89, 1.93)	0.84 (0.82, 0.86)	1.08 (1.05, 1.10)
Barbados	1.54 (1.54, 1.55)	3.33 (3.32, 3.33)	0.72 (0.71, 0.73)	2.60 (2.59, 2.62)
Belarus	-2.36 (-2.37, -2.35)	-1.86 (-1.87, -1.85)	-2.58 (-2.59, -2.57)	0.72 (0.71, 0.74)
Belgium	1.57 (1.56, 1.57)	0.57 (0.55, 0.58)	2.31 (2.31, 2.32)	-1.74 (-1.76, -1.73)
Belize	0.02 (0.01, 0.03)	1.34 (1.32, 1.36)	-2.15 (-2.16, -2.13)	3.49 (3.47, 3.51)
Benin	-0.50 (-0.51, -0.49)	-0.91 (-0.91, -0.90)	-0.02 (-0.03, -0.02)	-0.88 (-0.89, -0.87)
Bermuda	1.47 (1.45, 1.49)	0.79 (0.77, 0.80)	1.68 (1.67, 1.69)	-0.90 (-0.91, -0.88)
Bhutan	0.86 (0.85, 0.88)	0.88 (0.86, 0.90)	0.58 (0.57, 0.59)	0.30 (0.27, 0.33)
Bolivia (Plurinational State of)	0.46 (0.43, 0.48)	1.48 (1.45, 1.50)	-0.33 (-0.35, -0.30)	1.80 (1.76, 1.84)
Bosnia and Herzegovina	-0.76 (-0.77, -0.74)	-1.72 (-1.74, -1.70)	-0.55 (-0.56, -0.54)	-1.17 (-1.19, -1.15)
Botswana	-2.13 (-2.14, -2.12)	-2.17 (-2.18, -2.15)	-1.45 (-1.46, -1.44)	-0.71 (-0.73, -0.69)
Brazil	-1.53 (-1.53, -1.52)	-1.65 (-1.65, -1.64)	-1.66 (-1.67, -1.65)	0.01 (0.00, 0.02)
Brunei Darussalam	-1.09 (-1.10, -1.09)	-0.58 (-0.59, -0.58)	-1.69 (-1.70, -1.68)	1.10 (1.09, 1.11)
Bulgaria	0.04 (0.02, 0.06)	-0.52 (-0.54, -0.50)	0.69 (0.67, 0.71)	-1.21 (-1.24, -1.19)
Burkina Faso	0.32 (0.30, 0.35)	-0.05 (-0.06, -0.04)	0.65 (0.63, 0.67)	-0.70 (-0.72, -0.68)
Burundi	-0.34 (-0.35, -0.33)	-0.15 (-0.16, -0.14)	-0.61 (-0.62, -0.60)	0.46 (0.45, 0.48)
Cabo Verde	4.19 (4.16, 4.22)	12.72 (12.69, 12.75)	-1.48 (-1.52, -1.44)	14.20 (14.15, 14.25)
Cambodia	-0.29 (-0.31, -0.26)	-0.58 (-0.60, -0.56)	-0.51 (-0.52, -0.50)	-0.07 (-0.10, -0.04)

Cameroon	0.16 (0.15, 0.17)	-0.04 (-0.04, -0.03)	-0.02 (-0.03, -0.01)	-0.01 (-0.03, 0.00)
Canada	5.09 (5.08, 5.09)	5.23 (5.22, 5.24)	4.99 (4.98, 4.99)	0.24 (0.24, 0.25)
Central African Republic	0.39 (0.38, 0.41)	1.02 (1.00, 1.04)	0.11 (0.07, 0.14)	0.91 (0.87, 0.95)
Chad	-0.88 (-0.90, -0.86)	-0.73 (-0.75, -0.71)	-1.05 (-1.09, -1.02)	0.32 (0.28, 0.36)
Chile	-1.11 (-1.12, -1.11)	-1.07 (-1.07, -1.06)	-1.01 (-1.02, -1.01)	-0.05 (-0.06, -0.05)
China	-2.02 (-2.03, -2.00)	-2.44 (-2.45, -2.43)	-2.39 (-2.40, -2.38)	-0.05 (-0.06, -0.04)
Colombia	-0.35 (-0.36, -0.34)	-0.75 (-0.76, -0.75)	0.05 (0.04, 0.05)	-0.80 (-0.81, -0.79)
Comoros	-1.00 (-1.01, -0.99)	-0.63 (-0.65, -0.62)	-1.44 (-1.45, -1.43)	0.80 (0.79, 0.82)
Congo	-0.41 (-0.42, -0.40)	0.33 (0.32, 0.34)	-1.27 (-1.29, -1.26)	1.61 (1.59, 1.62)
Cook Islands	-0.45 (-0.46, -0.44)	-0.36 (-0.37, -0.35)	-0.57 (-0.58, -0.56)	0.21 (0.20, 0.23)
Costa Rica	0.82 (0.81, 0.82)	1.01 (1.01, 1.02)	1.28 (1.27, 1.29)	-0.26 (-0.28, -0.25)
Croatia	0.48 (0.46, 0.49)	-0.29 (-0.31, -0.28)	1.76 (1.75, 1.78)	-2.06 (-2.08, -2.03)
Cuba	-1.05 (-1.09, -1.02)	-0.86 (-0.88, -0.83)	-0.85 (-0.85, -0.84)	-0.01 (-0.04, 0.02)
Cyprus	-1.16 (-1.18, -1.14)	-0.71 (-0.73, -0.70)	-0.91 (-0.94, -0.88)	0.20 (0.17, 0.23)
Czechia	-0.70 (-0.71, -0.69)	-0.89 (-0.90, -0.89)	-0.65 (-0.67, -0.64)	-0.24 (-0.26, -0.23)
Côte d'Ivoire	-1.10 (-1.12, -1.09)	-0.95 (-0.96, -0.93)	-1.43 (-1.44, -1.42)	0.48 (0.47, 0.50)
Democratic People's Republic of Korea	-0.62 (-0.65, -0.59)	-4.44 (-4.46, -4.42)	-0.50 (-0.53, -0.47)	-3.94 (-3.97, -3.90)
Democratic Republic of the Congo	0.27 (0.26, 0.28)	0.51 (0.50, 0.53)	-0.29 (-0.31, -0.27)	0.80 (0.78, 0.83)
Denmark	0.78 (0.78, 0.79)	-0.08 (-0.08, -0.08)	1.16 (1.16, 1.16)	-1.24 (-1.24, -1.24)
Djibouti	0.70 (0.68, 0.71)	0.53 (0.51, 0.55)	0.21 (0.19, 0.23)	0.32 (0.29, 0.35)
Dominica	3.20 (3.19, 3.21)	3.05 (3.04, 3.06)	2.40 (2.39, 2.41)	0.65 (0.63, 0.66)
Dominican Republic	-1.67 (-1.70, -1.65)	-0.79 (-0.83, -0.74)	-2.63 (-2.64, -2.62)	1.84 (1.80, 1.89)
Ecuador	-1.61 (-1.62, -1.60)	-1.87 (-1.87, -1.86)	-1.92 (-1.94, -1.90)	0.05 (0.03, 0.08)
Egypt	0.48 (0.47, 0.50)	3.43 (3.41, 3.45)	-1.58 (-1.60, -1.55)	5.01 (4.97, 5.04)
El Salvador	-0.30 (-0.33, -0.27)	0.11 (0.09, 0.13)	-0.72 (-0.73, -0.71)	0.83 (0.81, 0.85)
Equatorial Guinea	0.82 (0.82, 0.83)	0.16 (0.14, 0.18)	0.28 (0.26, 0.29)	-0.11 (-0.13, -0.09)
Eritrea	0.38 (0.38, 0.39)	0.44 (0.43, 0.44)	0.19 (0.18, 0.20)	0.25 (0.24, 0.26)
Estonia	0.68 (0.65, 0.70)	-0.87 (-0.90, -0.84)	2.07 (2.03, 2.10)	-2.94 (-2.99, -2.89)
Eswatini	-2.29 (-2.29, -2.29)	-2.75 (-2.75, -2.74)	-3.07 (-3.08, -3.07)	0.33 (0.32, 0.33)



Ethiopia	-1.49 (-1.50, -1.47)	-1.25 (-1.28, -1.21)	-1.31 (-1.32, -1.29)	0.06 (0.03, 0.10)
Fiji	-0.57 (-0.57, -0.56)	-0.20 (-0.20, -0.20)	-0.98 (-0.98, -0.98)	0.78 (0.77, 0.78)
Finland	0.90 (0.89, 0.92)	-0.09 (-0.10, -0.08)	1.75 (1.73, 1.76)	-1.84 (-1.86, -1.82)
France	0.13 (0.11, 0.14)	-0.39 (-0.40, -0.38)	0.89 (0.88, 0.91)	-1.29 (-1.31, -1.27)
Gabon	-1.71 (-1.73, -1.68)	-1.93 (-1.96, -1.91)	-1.99 (-2.01, -1.98)	0.06 (0.03, 0.09)
Gambia	0.70 (0.69, 0.72)	0.37 (0.35, 0.39)	0.83 (0.80, 0.87)	-0.46 (-0.50, -0.42)
Georgia	-1.43 (-1.46, -1.40)	0.79 (0.77, 0.81)	-3.76 (-3.79, -3.74)	4.55 (4.52, 4.59)
Germany	0.13 (0.12, 0.14)	-0.42 (-0.43, -0.42)	0.39 (0.37, 0.41)	-0.81 (-0.83, -0.79)
Ghana	-2.20 (-2.21, -2.19)	-2.11 (-2.12, -2.10)	-2.41 (-2.43, -2.40)	0.30 (0.28, 0.32)
Greece	3.62 (3.61, 3.63)	2.36 (2.35, 2.38)	6.24 (6.23, 6.25)	-3.87 (-3.89, -3.86)
Greenland	1.15 (1.15, 1.16)	0.80 (0.80, 0.80)	0.18 (0.17, 0.19)	0.62 (0.61, 0.63)
Grenada	-0.22 (-0.23, -0.22)	-0.07 (-0.07, -0.06)	-0.67 (-0.68, -0.66)	0.60 (0.59, 0.61)
Guam	1.47 (1.46, 1.48)	1.10 (1.10, 1.11)	2.27 (2.27, 2.28)	-1.17 (-1.18, -1.16)
Guatemala	-0.50 (-0.52, -0.48)	-0.86 (-0.87, -0.85)	-0.41 (-0.43, -0.39)	-0.45 (-0.47, -0.43)
Guinea	-1.40 (-1.40, -1.39)	-1.26 (-1.27, -1.25)	-1.32 (-1.32, -1.31)	0.06 (0.04, 0.07)
Guinea-Bissau	-1.40 (-1.41, -1.39)	-1.47 (-1.48, -1.45)	-1.42 (-1.43, -1.41)	-0.05 (-0.07, -0.03)
Guyana	-1.16 (-1.16, -1.15)	-1.04 (-1.04, -1.03)	-1.23 (-1.23, -1.22)	0.19 (0.18, 0.20)
Haiti	-0.20 (-0.21, -0.19)	0.37 (0.37, 0.37)	-0.54 (-0.55, -0.53)	0.90 (0.89, 0.91)
Honduras	-1.89 (-1.93, -1.86)	-2.34 (-2.38, -2.30)	-1.77 (-1.81, -1.74)	-0.57 (-0.62, -0.51)
Hungary	0.41 (0.38, 0.44)	1.67 (1.65, 1.68)	-0.66 (-0.68, -0.64)	2.33 (2.30, 2.35)
Iceland	0.74 (0.73, 0.74)	0.46 (0.46, 0.46)	0.60 (0.58, 0.61)	-0.13 (-0.15, -0.12)
India	3.51 (3.50, 3.52)	4.67 (4.67, 4.68)	2.21 (2.19, 2.22)	2.47 (2.45, 2.48)
Indonesia	-0.48 (-0.50, -0.46)	-0.02 (-0.04, -0.01)	-1.19 (-1.21, -1.17)	1.16 (1.14, 1.19)
Iran (Islamic Republic of)	-0.73 (-0.75, -0.70)	-0.37 (-0.43, -0.32)	-1.55 (-1.59, -1.50)	1.17 (1.10, 1.25)
Iraq	0.71 (0.68, 0.73)	1.36 (1.33, 1.39)	0.07 (0.05, 0.09)	1.29 (1.25, 1.32)
Ireland	2.57 (2.56, 2.58)	1.51 (1.50, 1.52)	3.91 (3.91, 3.92)	-2.40 (-2.42, -2.39)
Israel	-1.89 (-1.89, -1.88)	-2.59 (-2.60, -2.58)	-1.36 (-1.37, -1.34)	-1.23 (-1.25, -1.22)
Italy	1.20 (1.20, 1.21)	-0.00 (-0.01, 0.00)	2.40 (2.40, 2.41)	-2.40 (-2.41, -2.40)
Jamaica	0.83 (0.82, 0.85)	-1.45 (-1.46, -1.43)	1.75 (1.73, 1.76)	-3.19 (-3.21, -3.17)

Japan	0.12 (0.11, 0.13)	0.19 (0.18, 0.19)	1.23 (1.23, 1.23)	-1.05 (-1.05, -1.04)
Jordan	2.10 (2.09, 2.10)	1.35 (1.34, 1.35)	1.76 (1.75, 1.77)	-0.41 (-0.42, -0.40)
Kazakhstan	-3.79 (-3.81, -3.76)	-4.10 (-4.15, -4.06)	-3.51 (-3.53, -3.50)	-0.59 (-0.63, -0.55)
Kenya	-1.20 (-1.21, -1.19)	-1.42 (-1.43, -1.42)	-1.14 (-1.15, -1.13)	-0.29 (-0.30, -0.27)
Kiribati	-1.08 (-1.09, -1.07)	-1.30 (-1.30, -1.29)	-1.03 (-1.04, -1.02)	-0.26 (-0.28, -0.25)
Kuwait	-2.83 (-2.88, -2.78)	-4.89 (-4.98, -4.81)	-0.71 (-0.71, -0.70)	-4.19 (-4.27, -4.10)
Kyrgyzstan	-1.60 (-1.62, -1.58)	-1.67 (-1.69, -1.65)	-1.55 (-1.56, -1.54)	-0.12 (-0.15, -0.10)
Lao People's Democratic Republic	1.72 (1.71, 1.74)	1.86 (1.85, 1.87)	0.96 (0.95, 0.98)	0.90 (0.88, 0.92)
Latvia	-0.92 (-0.93, -0.90)	0.51 (0.48, 0.53)	-0.75 (-0.77, -0.73)	1.26 (1.22, 1.29)
Lebanon	0.08 (0.03, 0.13)	-1.31 (-1.35, -1.27)	0.13 (0.10, 0.17)	-1.44 (-1.50, -1.39)
Lesotho	-2.02 (-2.03, -2.01)	-1.74 (-1.75, -1.73)	-2.40 (-2.42, -2.37)	0.65 (0.63, 0.68)
Liberia	-0.29 (-0.30, -0.27)	-0.21 (-0.22, -0.20)	-0.70 (-0.72, -0.68)	0.49 (0.47, 0.52)
Libya	1.97 (1.96, 1.98)	2.95 (2.93, 2.98)	1.00 (0.99, 1.02)	1.95 (1.93, 1.97)
Lithuania	-2.01 (-2.02, -2.00)	-2.21 (-2.22, -2.19)	-1.25 (-1.27, -1.24)	-0.95 (-0.98, -0.93)
Luxembourg	-1.14 (-1.15, -1.14)	-2.05 (-2.06, -2.05)	-0.38 (-0.39, -0.38)	-1.67 (-1.68, -1.66)
Madagascar	-0.54 (-0.55, -0.53)	-0.54 (-0.54, -0.53)	-0.55 (-0.56, -0.54)	0.01 (0.00, 0.02)
Malawi	0.21 (0.19, 0.24)	0.02 (0.00, 0.05)	0.04 (0.01, 0.06)	-0.01 (-0.05, 0.02)
Malaysia	1.46 (1.45, 1.47)	2.62 (2.60, 2.63)	0.10 (0.10, 0.11)	2.51 (2.50, 2.53)
Maldives	-1.34 (-1.35, -1.32)	-1.72 (-1.72, -1.71)	-1.29 (-1.31, -1.28)	-0.42 (-0.44, -0.40)
Mali	0.64 (0.63, 0.65)	1.36 (1.35, 1.38)	0.22 (0.21, 0.24)	1.14 (1.12, 1.16)
Malta	-1.06 (-1.07, -1.04)	-2.00 (-2.01, -1.98)	0.29 (0.27, 0.31)	-2.29 (-2.31, -2.26)
Marshall Islands	1.02 (1.02, 1.02)	0.98 (0.97, 0.98)	1.04 (1.04, 1.05)	-0.07 (-0.07, -0.06)
Mauritania	3.61 (3.60, 3.62)	4.95 (4.94, 4.95)	2.86 (2.84, 2.87)	2.09 (2.07, 2.11)
Mauritius	0.29 (0.28, 0.30)	-0.41 (-0.42, -0.41)	0.51 (0.50, 0.53)	-0.93 (-0.94, -0.91)
Mexico	1.01 (1.00, 1.02)	1.58 (1.57, 1.60)	0.08 (0.08, 0.09)	1.50 (1.48, 1.52)
Micronesia (Federated States of)	-1.16 (-1.16, -1.15)	-0.33 (-0.33, -0.32)	-1.68 (-1.68, -1.67)	1.35 (1.34, 1.36)
Monaco	-1.59 (-1.59, -1.59)	-1.27 (-1.27, -1.27)	-1.46 (-1.46, -1.46)	0.19 (0.19, 0.19)
Mongolia	0.62 (0.61, 0.62)	0.89 (0.89, 0.90)	-0.58 (-0.59, -0.58)	1.48 (1.47, 1.49)
Montenegro	-2.39 (-2.41, -2.38)	-1.79 (-1.80, -1.78)	-2.37 (-2.39, -2.36)	0.58 (0.56, 0.60)

Morocco	-1.87 (-1.89, -1.85)	-1.67 (-1.72, -1.63)	-1.90 (-1.93, -1.87)	0.23 (0.17, 0.28)
Mozambique	-1.58 (-1.58, -1.58)	-1.71 (-1.72, -1.71)	-1.40 (-1.40, -1.39)	-0.32 (-0.32, -0.31)
Myanmar	-0.54 (-0.54, -0.53)	-0.19 (-0.19, -0.18)	-0.96 (-0.98, -0.94)	0.77 (0.75, 0.79)
Namibia	-1.57 (-1.57, -1.56)	-1.75 (-1.76, -1.74)	-1.38 (-1.39, -1.38)	-0.37 (-0.38, -0.35)
Nauru	-1.01 (-1.02, -1.01)	-0.96 (-0.97, -0.96)	-1.71 (-1.72, -1.69)	0.74 (0.73, 0.76)
Nepal	2.50 (2.49, 2.52)	2.71 (2.70, 2.72)	2.47 (2.46, 2.49)	0.24 (0.22, 0.25)
Netherlands	2.83 (2.82, 2.83)	2.15 (2.14, 2.16)	3.65 (3.64, 3.65)	-1.49 (-1.51, -1.48)
New Zealand	1.26 (1.25, 1.27)	0.88 (0.87, 0.90)	0.61 (0.59, 0.63)	0.27 (0.24, 0.30)
Nicaragua	-1.13 (-1.13, -1.12)	-0.88 (-0.89, -0.87)	-1.92 (-1.94, -1.91)	1.05 (1.03, 1.06)
Niger	1.73 (1.72, 1.74)	1.91 (1.90, 1.92)	1.72 (1.68, 1.75)	0.19 (0.15, 0.23)
Nigeria	0.77 (0.75, 0.80)	-0.56 (-0.57, -0.55)	2.63 (2.57, 2.68)	-3.19 (-3.24, -3.14)
Niue	0.21 (0.21, 0.22)	0.76 (0.75, 0.76)	-0.23 (-0.23, -0.23)	0.99 (0.98, 0.99)
North Macedonia	-1.23 (-1.26, -1.19)	-1.32 (-1.33, -1.30)	-1.48 (-1.51, -1.46)	0.16 (0.13, 0.19)
Northern Mariana Islands	-0.77 (-0.78, -0.75)	-0.38 (-0.39, -0.38)	1.26 (1.24, 1.28)	-1.64 (-1.66, -1.62)
Norway	4.90 (4.90, 4.90)	1.60 (1.59, 1.61)	5.87 (5.87, 5.88)	-4.27 (-4.28, -4.26)
Oman	-5.57 (-5.58, -5.55)	-6.37 (-6.38, -6.36)	-4.11 (-4.12, -4.10)	-2.26 (-2.27, -2.25)
Pakistan	-0.03 (-0.04, -0.03)	1.90 (1.90, 1.90)	-0.73 (-0.75, -0.72)	2.63 (2.62, 2.65)
Palau	1.14 (1.13, 1.14)	1.22 (1.21, 1.22)	1.14 (1.14, 1.15)	0.07 (0.07, 0.08)
Palestine	0.11 (0.10, 0.13)	0.59 (0.57, 0.62)	-0.61 (-0.62, -0.60)	1.21 (1.18, 1.24)
Panama	-0.91 (-0.92, -0.91)	-1.46 (-1.48, -1.45)	-0.45 (-0.45, -0.44)	-1.02 (-1.03, -1.00)
Papua New Guinea	0.29 (0.28, 0.29)	0.49 (0.48, 0.49)	0.07 (0.05, 0.08)	0.42 (0.40, 0.44)
Paraguay	0.25 (0.24, 0.26)	2.05 (2.04, 2.06)	-2.22 (-2.22, -2.21)	4.27 (4.26, 4.28)
Peru	2.22 (2.21, 2.23)	3.03 (3.03, 3.04)	1.62 (1.60, 1.63)	1.42 (1.41, 1.43)
Philippines	2.71 (2.63, 2.78)	2.17 (2.09, 2.26)	2.26 (2.18, 2.33)	-0.08 (-0.20, 0.03)
Poland	-0.02 (-0.03, -0.01)	1.30 (1.29, 1.31)	-0.70 (-0.72, -0.69)	2.00 (1.99, 2.02)
Portugal	0.36 (0.35, 0.37)	-0.14 (-0.17, -0.11)	1.54 (1.53, 1.56)	-1.68 (-1.71, -1.65)
Puerto Rico	0.32 (0.31, 0.33)	0.23 (0.22, 0.25)	1.15 (1.13, 1.17)	-0.92 (-0.94, -0.89)
Qatar	0.39 (0.37, 0.40)	0.51 (0.50, 0.52)	-4.48 (-4.50, -4.46)	4.99 (4.97, 5.01)
Republic of Korea	1.03 (1.03, 1.04)	0.17 (0.16, 0.18)	1.81 (1.79, 1.83)	-1.64 (-1.66, -1.61)

Republic of Moldova	-3.90 (-3.92, -3.89)	3.21 (3.19, 3.23)	-9.34 (-9.35, -9.33)	12.55 (12.53, 12.57)
Romania	1.32 (1.31, 1.34)	4.57 (4.55, 4.58)	-0.15 (-0.16, -0.14)	4.72 (4.70, 4.74)
Russian Federation	-0.69 (-0.70, -0.68)	-0.64 (-0.65, -0.63)	-0.95 (-0.98, -0.93)	0.32 (0.29, 0.34)
Rwanda	1.01 (1.00, 1.02)	1.46 (1.44, 1.47)	0.15 (0.14, 0.16)	1.31 (1.30, 1.33)
Saint Kitts and Nevis	1.62 (1.61, 1.63)	1.51 (1.50, 1.52)	0.56 (0.54, 0.57)	0.95 (0.94, 0.97)
Saint Lucia	3.27 (3.26, 3.29)	2.64 (2.64, 2.65)	3.36 (3.33, 3.38)	-0.71 (-0.74, -0.69)
Saint Vincent and the Grenadines	1.48 (1.46, 1.49)	2.23 (2.23, 2.24)	0.89 (0.88, 0.91)	1.34 (1.32, 1.36)
Samoa	0.01 (0.00, 0.01)	-0.27 (-0.27, -0.26)	-0.14 (-0.15, -0.14)	-0.12 (-0.13, -0.12)
San Marino	-0.43 (-0.44, -0.43)	-0.79 (-0.79, -0.79)	-0.47 (-0.47, -0.47)	-0.32 (-0.32, -0.31)
Sao Tome and Principe	-1.88 (-1.90, -1.86)	-1.75 (-1.77, -1.72)	-2.22 (-2.24, -2.21)	0.48 (0.45, 0.51)
Saudi Arabia	-0.20 (-0.22, -0.18)	0.68 (0.66, 0.70)	-0.79 (-0.80, -0.78)	1.47 (1.45, 1.49)
Senegal	-1.92 (-1.95, -1.89)	-2.10 (-2.11, -2.09)	-2.35 (-2.37, -2.33)	0.25 (0.23, 0.28)
Serbia	-1.16 (-1.25, -1.07)	-1.70 (-1.79, -1.60)	-1.33 (-1.44, -1.23)	-0.36 (-0.51, -0.22)
Seychelles	-0.77 (-0.77, -0.76)	-0.98 (-0.98, -0.97)	-1.55 (-1.56, -1.54)	0.57 (0.56, 0.58)
Sierra Leone	0.38 (0.37, 0.38)	0.22 (0.22, 0.23)	0.33 (0.32, 0.33)	-0.10 (-0.11, -0.09)
Singapore	-3.49 (-3.57, -3.40)	-3.16 (-3.19, -3.13)	-4.43 (-4.49, -4.37)	1.27 (1.20, 1.33)
Slovakia	1.25 (1.24, 1.26)	3.83 (3.81, 3.84)	0.07 (0.05, 0.09)	3.76 (3.74, 3.78)
Slovenia	3.37 (3.35, 3.38)	4.05 (4.03, 4.07)	2.59 (2.54, 2.63)	1.46 (1.42, 1.51)
Solomon Islands	0.28 (0.26, 0.30)	0.08 (0.06, 0.10)	0.70 (0.68, 0.73)	-0.63 (-0.65, -0.60)
Somalia	-0.65 (-0.67, -0.62)	-0.26 (-0.28, -0.23)	-0.85 (-0.86, -0.83)	0.59 (0.56, 0.62)
South Africa	-3.44 (-3.46, -3.43)	-3.90 (-3.94, -3.86)	-3.79 (-3.81, -3.77)	-0.11 (-0.16, -0.06)
South Sudan	2.73 (2.72, 2.74)	3.03 (3.02, 3.04)	2.85 (2.83, 2.87)	0.18 (0.16, 0.20)
Spain	0.32 (0.31, 0.33)	-0.62 (-0.63, -0.62)	2.28 (2.27, 2.29)	-2.90 (-2.92, -2.89)
Sri Lanka	-0.88 (-0.90, -0.86)	-0.40 (-0.42, -0.39)	-1.62 (-1.64, -1.59)	1.21 (1.18, 1.24)
Sudan	-1.99 (-2.00, -1.98)	-2.57 (-2.58, -2.56)	-1.80 (-1.82, -1.78)	-0.77 (-0.79, -0.75)
Suriname	0.78 (0.78, 0.78)	0.61 (0.61, 0.62)	1.22 (1.22, 1.22)	-0.61 (-0.61, -0.60)
Sweden	0.55 (0.54, 0.55)	0.83 (0.82, 0.83)	0.32 (0.31, 0.33)	0.51 (0.49, 0.52)
Switzerland	-0.10 (-0.10, -0.10)	-0.65 (-0.66, -0.65)	0.52 (0.51, 0.53)	-1.17 (-1.18, -1.16)
Syrian Arab Republic	-0.01 (-0.05, 0.03)	0.58 (0.53, 0.62)	-0.25 (-0.27, -0.22)	0.82 (0.77, 0.87)

	Taiwan (Province of China)	1.06 (1.05, 1.08)	1.02 (1.01, 1.02)	1.21 (1.19, 1.23)	-0.19 (-0.21, -0.18)
	Tajikistan	-1.32 (-1.35, -1.29)	-1.27 (-1.29, -1.24)	-1.67 (-1.71, -1.64)	0.40 (0.36, 0.45)
	Thailand	1.04 (1.01, 1.06)	1.07 (1.05, 1.10)	0.56 (0.55, 0.57)	0.52 (0.49, 0.54)
	Timor-Leste	2.82 (2.81, 2.84)	3.22 (3.20, 3.25)	1.99 (1.98, 2.01)	1.23 (1.20, 1.26)
	Togo	0.22 (0.21, 0.23)	-0.65 (-0.66, -0.64)	0.84 (0.83, 0.85)	-1.49 (-1.50, -1.47)
	Tokelau	-0.15 (-0.16, -0.14)	-0.06 (-0.07, -0.05)	-0.05 (-0.06, -0.05)	-0.01 (-0.02, 0.00)
	Tonga	-0.06 (-0.07, -0.06)	-0.39 (-0.39, -0.38)	-0.14 (-0.14, -0.13)	-0.25 (-0.26, -0.24)
	Trinidad and Tobago	-0.03 (-0.08, 0.02)	0.36 (0.33, 0.38)	0.22 (0.15, 0.29)	0.14 (0.07, 0.21)
	Tunisia	-0.34 (-0.35, -0.33)	-0.04 (-0.04, -0.03)	-0.66 (-0.67, -0.64)	0.62 (0.60, 0.64)
	Turkey	-3.86 (-3.89, -3.83)	-3.71 (-3.74, -3.69)	-3.50 (-3.52, -3.48)	-0.21 (-0.25, -0.18)
	Turkmenistan	0.68 (0.66, 0.69)	4.34 (4.33, 4.35)	-2.33 (-2.35, -2.32)	6.68 (6.66, 6.69)
	Tuvalu	-0.36 (-0.37, -0.36)	0.15 (0.15, 0.16)	-0.56 (-0.57, -0.56)	0.72 (0.71, 0.72)
	Uganda	-2.26 (-2.28, -2.25)	-2.58 (-2.60, -2.56)	-1.49 (-1.51, -1.47)	-1.09 (-1.11, -1.06)
	Ukraine	-1.27 (-1.27, -1.26)	-0.11 (-0.11, -0.10)	-1.79 (-1.79, -1.78)	1.68 (1.68, 1.69)
	United Arab Emirates	-6.09 (-6.12, -6.06)	-7.63 (-7.66, -7.60)	-5.41 (-5.43, -5.40)	-2.22 (-2.25, -2.18)
	United Kingdom	1.60 (1.59, 1.62)	1.06 (1.05, 1.08)	2.41 (2.40, 2.42)	-1.35 (-1.36, -1.33)
	United Republic of Tanzania	-1.96 (-1.98, -1.95)	-1.23 (-1.24, -1.21)	-2.73 (-2.75, -2.72)	1.51 (1.49, 1.53)
	United States of America	0.58 (0.58, 0.58)	0.02 (0.01, 0.02)	1.36 (1.35, 1.36)	-1.34 (-1.34, -1.33)
	United States Virgin Islands	-0.17 (-0.18, -0.17)	0.21 (0.20, 0.23)	0.14 (0.12, 0.15)	0.07 (0.05, 0.09)
	Uruguay	3.72 (3.71, 3.73)	5.41 (5.39, 5.43)	1.81 (1.80, 1.82)	3.60 (3.57, 3.62)
	Uzbekistan	-1.98 (-2.00, -1.96)	-1.01 (-1.03, -0.99)	-2.67 (-2.69, -2.65)	1.66 (1.63, 1.69)
	Vanuatu	0.95 (0.93, 0.98)	1.09 (1.06, 1.12)	0.51 (0.48, 0.54)	0.58 (0.54, 0.62)
	Venezuela (Bolivarian Republic of)	5.39 (5.38, 5.40)	8.62 (8.60, 8.63)	4.13 (4.12, 4.14)	4.49 (4.47, 4.51)
	Viet Nam	0.58 (0.57, 0.59)	0.56 (0.55, 0.57)	0.50 (0.49, 0.52)	0.06 (0.04, 0.08)
	Yemen	2.42 (2.40, 2.44)	2.49 (2.48, 2.51)	2.73 (2.71, 2.75)	-0.24 (-0.26, -0.21)
	Zambia	-1.46 (-1.47, -1.45)	-1.58 (-1.59, -1.56)	-1.49 (-1.50, -1.48)	-0.09 (-0.10, -0.07)
	Zimbabwe	-1.22 (-1.26, -1.19)	-0.55 (-0.58, -0.53)	-1.29 (-1.32, -1.27)	0.74 (0.71, 0.78)
<b>DALYs</b>	<b>Global</b>	0.52 (0.51, 0.53)	0.51 (0.50, 0.51)	0.45 (0.45, 0.46)	0.05 (0.05, 0.06)
	<b>World Bank income levels</b>				

World Bank Low Income	0.00 (0.00, 0.01)	0.23 (0.23, 0.24)	-0.15 (-0.15, -0.14)	0.38 (0.37, 0.38)
World Bank Lower Middle Income	1.31 (1.30, 1.32)	1.66 (1.65, 1.67)	0.85 (0.84, 0.87)	0.81 (0.79, 0.82)
World Bank Upper Middle Income	-0.85 (-0.86, -0.84)	-1.06 (-1.07, -1.05)	-0.67 (-0.68, -0.66)	-0.39 (-0.40, -0.37)
World Bank High Income	1.61 (1.61, 1.62)	1.32 (1.31, 1.32)	1.80 (1.80, 1.81)	-0.49 (-0.49, -0.48)
<b>SDI regions</b>				
Low SDI	0.25 (0.25, 0.25)	0.29 (0.29, 0.29)	0.30 (0.30, 0.30)	-0.01 (-0.02, -0.01)
Low-middle SDI	2.07 (2.06, 2.08)	2.55 (2.54, 2.56)	1.44 (1.43, 1.46)	1.11 (1.09, 1.12)
Middle SDI	-0.57 (-0.58, -0.57)	-0.54 (-0.55, -0.53)	-0.66 (-0.67, -0.65)	0.12 (0.11, 0.13)
High-middle SDI	0.82 (0.81, 0.83)	0.59 (0.59, 0.60)	1.12 (1.11, 1.13)	-0.53 (-0.54, -0.52)
High SDI	1.34 (1.34, 1.35)	1.09 (1.09, 1.10)	1.48 (1.48, 1.49)	-0.39 (-0.39, -0.38)
<b>GBD super-regions</b>				
Central Europe, Eastern Europe, and Central Asia	-0.25 (-0.26, -0.24)	0.38 (0.37, 0.39)	-0.54 (-0.55, -0.53)	0.92 (0.91, 0.93)
High-income	1.43 (1.42, 1.43)	1.10 (1.09, 1.10)	1.68 (1.67, 1.68)	-0.58 (-0.59, -0.58)
Latin America and Caribbean	0.69 (0.69, 0.70)	0.87 (0.87, 0.88)	0.51 (0.51, 0.52)	0.36 (0.35, 0.37)
North Africa and Middle East	0.49 (0.49, 0.50)	0.82 (0.81, 0.82)	0.16 (0.16, 0.17)	0.65 (0.64, 0.66)
South Asia	2.97 (2.97, 2.98)	3.67 (3.67, 3.67)	2.10 (2.09, 2.11)	1.57 (1.56, 1.58)
Southeast Asia, East Asia, and Oceania	-0.42 (-0.43, -0.41)	-0.44 (-0.45, -0.43)	-0.47 (-0.48, -0.46)	0.03 (0.01, 0.04)
Sub-Saharan Africa	-0.82 (-0.82, -0.81)	-0.57 (-0.57, -0.57)	-0.94 (-0.95, -0.94)	0.37 (0.37, 0.38)
<b>GBD countries and territories</b>				
Afghanistan	0.59 (0.53, 0.64)	1.91 (1.88, 1.94)	0.26 (0.20, 0.32)	1.65 (1.58, 1.71)
Albania	2.06 (2.05, 2.08)	2.91 (2.89, 2.92)	0.71 (0.69, 0.74)	2.19 (2.17, 2.22)
Algeria	0.62 (0.61, 0.63)	0.80 (0.79, 0.81)	0.24 (0.22, 0.26)	0.56 (0.54, 0.58)
American Samoa	1.02 (1.01, 1.02)	0.99 (0.98, 0.99)	1.09 (1.09, 1.10)	-0.11 (-0.11, -0.10)
Andorra	1.28 (1.27, 1.28)	0.56 (0.56, 0.56)	1.42 (1.41, 1.42)	-0.85 (-0.86, -0.85)
Angola	-0.03 (-0.06, 0.00)	-0.10 (-0.11, -0.09)	-0.11 (-0.16, -0.06)	0.01 (-0.04, 0.06)
Antigua and Barbuda	-0.29 (-0.30, -0.29)	0.07 (0.06, 0.08)	-0.47 (-0.47, -0.47)	0.54 (0.53, 0.55)
Argentina	1.72 (1.72, 1.73)	1.86 (1.85, 1.87)	1.62 (1.62, 1.63)	0.24 (0.23, 0.25)
Armenia	0.45 (0.43, 0.47)	2.75 (2.74, 2.77)	-0.93 (-0.94, -0.91)	3.68 (3.66, 3.71)
Australia	-0.37 (-0.38, -0.36)	-0.04 (-0.04, -0.03)	-0.99 (-0.99, -0.99)	0.95 (0.95, 0.96)

Austria	0.87 (0.87, 0.88)	0.32 (0.31, 0.33)	1.64 (1.63, 1.64)	-1.32 (-1.33, -1.31)
Azerbaijan	-1.86 (-1.87, -1.84)	-0.87 (-0.89, -0.85)	-2.29 (-2.30, -2.28)	1.42 (1.40, 1.45)
Bahamas	0.76 (0.76, 0.77)	1.36 (1.36, 1.37)	0.14 (0.14, 0.14)	1.22 (1.22, 1.23)
Bahrain	1.95 (1.94, 1.96)	2.82 (2.81, 2.83)	1.64 (1.63, 1.66)	1.18 (1.16, 1.19)
Bangladesh	0.99 (0.98, 1.00)	1.28 (1.27, 1.29)	0.66 (0.65, 0.67)	0.63 (0.61, 0.64)
Barbados	2.02 (2.01, 2.03)	4.04 (4.03, 4.05)	0.84 (0.84, 0.85)	3.19 (3.18, 3.20)
Belarus	-0.47 (-0.48, -0.46)	0.42 (0.41, 0.43)	-1.38 (-1.41, -1.35)	1.80 (1.77, 1.83)
Belgium	2.47 (2.47, 2.48)	1.77 (1.77, 1.78)	3.42 (3.41, 3.42)	-1.65 (-1.65, -1.64)
Belize	1.28 (1.27, 1.29)	2.01 (1.99, 2.03)	0.16 (0.15, 0.17)	1.85 (1.82, 1.87)
Benin	0.10 (0.10, 0.11)	-0.30 (-0.30, -0.29)	0.33 (0.32, 0.33)	-0.62 (-0.63, -0.62)
Bermuda	1.47 (1.45, 1.48)	1.07 (1.06, 1.08)	2.29 (2.27, 2.31)	-1.22 (-1.25, -1.20)
Bhutan	1.02 (1.01, 1.03)	1.24 (1.23, 1.26)	0.64 (0.63, 0.65)	0.61 (0.59, 0.62)
Bolivia (Plurinational State of)	0.39 (0.38, 0.41)	1.06 (1.04, 1.07)	-0.14 (-0.15, -0.12)	1.19 (1.17, 1.21)
Bosnia and Herzegovina	0.07 (0.05, 0.08)	-0.43 (-0.44, -0.42)	0.16 (0.16, 0.17)	-0.60 (-0.61, -0.58)
Botswana	-1.26 (-1.27, -1.25)	-1.22 (-1.24, -1.19)	-1.05 (-1.05, -1.04)	-0.17 (-0.19, -0.15)
Brazil	-0.71 (-0.71, -0.70)	-0.89 (-0.89, -0.89)	-0.60 (-0.61, -0.59)	-0.29 (-0.30, -0.28)
Brunei Darussalam	-0.62 (-0.62, -0.61)	-0.54 (-0.54, -0.53)	-1.11 (-1.12, -1.09)	0.57 (0.56, 0.59)
Bulgaria	1.03 (1.00, 1.05)	0.41 (0.39, 0.42)	1.41 (1.36, 1.46)	-1.00 (-1.05, -0.95)
Burkina Faso	0.18 (0.18, 0.18)	-0.13 (-0.13, -0.13)	0.59 (0.58, 0.60)	-0.72 (-0.74, -0.71)
Burundi	-0.23 (-0.27, -0.18)	0.14 (0.12, 0.17)	-0.52 (-0.53, -0.51)	0.66 (0.64, 0.69)
Cabo Verde	1.53 (1.52, 1.54)	6.38 (6.37, 6.39)	-0.81 (-0.82, -0.79)	7.19 (7.18, 7.21)
Cambodia	0.60 (0.57, 0.63)	0.42 (0.41, 0.44)	0.62 (0.59, 0.66)	-0.20 (-0.24, -0.16)
Cameroon	0.05 (0.04, 0.05)	0.13 (0.12, 0.13)	-0.15 (-0.16, -0.15)	0.28 (0.27, 0.28)
Canada	2.31 (2.30, 2.32)	2.66 (2.66, 2.67)	2.77 (2.76, 2.77)	-0.10 (-0.11, -0.09)
Central African Republic	0.19 (0.17, 0.20)	0.40 (0.38, 0.42)	-0.22 (-0.24, -0.21)	0.62 (0.60, 0.65)
Chad	-0.35 (-0.38, -0.33)	-0.35 (-0.38, -0.33)	-0.52 (-0.54, -0.51)	0.17 (0.14, 0.20)
Chile	0.10 (0.10, 0.10)	0.19 (0.19, 0.20)	-0.18 (-0.18, -0.17)	0.37 (0.37, 0.38)
China	-1.62 (-1.63, -1.61)	-2.01 (-2.02, -2.01)	-1.65 (-1.67, -1.63)	-0.36 (-0.38, -0.34)
Colombia	0.56 (0.55, 0.57)	0.22 (0.22, 0.23)	0.81 (0.80, 0.81)	-0.58 (-0.59, -0.57)

Comoros	-2.27 (-2.31, -2.23)	-1.42 (-1.45, -1.40)	-2.42 (-2.45, -2.38)	0.99 (0.95, 1.04)
Congo	-0.25 (-0.29, -0.22)	0.41 (0.38, 0.44)	-1.15 (-1.18, -1.11)	1.56 (1.51, 1.60)
Cook Islands	0.83 (0.82, 0.84)	1.55 (1.51, 1.59)	0.75 (0.73, 0.77)	0.80 (0.76, 0.85)
Costa Rica	0.77 (0.76, 0.77)	1.04 (1.04, 1.05)	0.44 (0.43, 0.45)	0.60 (0.59, 0.61)
Croatia	1.68 (1.68, 1.69)	1.35 (1.34, 1.35)	1.99 (1.98, 1.99)	-0.64 (-0.65, -0.63)
Cuba	0.47 (0.40, 0.53)	0.45 (0.38, 0.53)	0.78 (0.73, 0.83)	-0.32 (-0.41, -0.23)
Cyprus	1.05 (1.03, 1.07)	1.35 (1.33, 1.38)	1.14 (1.12, 1.16)	0.21 (0.18, 0.24)
Czechia	0.92 (0.92, 0.93)	0.77 (0.76, 0.77)	1.02 (1.01, 1.02)	-0.25 (-0.26, -0.24)
Côte d'Ivoire	-0.99 (-1.00, -0.98)	-0.80 (-0.81, -0.79)	-1.16 (-1.17, -1.15)	0.36 (0.34, 0.37)
Democratic People's Republic of Korea	0.31 (0.29, 0.33)	-3.86 (-3.87, -3.85)	0.15 (0.13, 0.17)	-4.01 (-4.03, -3.99)
Democratic Republic of the Congo	0.50 (0.48, 0.52)	0.81 (0.80, 0.82)	0.01 (-0.02, 0.03)	0.80 (0.78, 0.83)
Denmark	2.01 (2.01, 2.02)	1.46 (1.45, 1.47)	2.71 (2.70, 2.71)	-1.25 (-1.25, -1.24)
Djibouti	1.41 (1.40, 1.41)	1.35 (1.35, 1.35)	1.39 (1.39, 1.39)	-0.04 (-0.05, -0.03)
Dominica	1.00 (1.00, 1.00)	1.16 (1.16, 1.16)	1.38 (1.38, 1.39)	-0.22 (-0.23, -0.22)
Dominican Republic	-0.41 (-0.44, -0.38)	0.15 (0.05, 0.26)	-1.11 (-1.14, -1.09)	1.27 (1.16, 1.37)
Ecuador	-0.00 (-0.01, 0.00)	-0.24 (-0.25, -0.23)	0.10 (0.06, 0.13)	-0.33 (-0.37, -0.30)
Egypt	1.22 (1.21, 1.23)	3.33 (3.32, 3.34)	-0.33 (-0.35, -0.32)	3.66 (3.64, 3.68)
El Salvador	0.61 (0.59, 0.63)	0.60 (0.57, 0.62)	0.64 (0.62, 0.67)	-0.05 (-0.08, -0.02)
Equatorial Guinea	0.97 (0.95, 0.99)	0.74 (0.72, 0.76)	0.64 (0.61, 0.68)	0.09 (0.06, 0.13)
Eritrea	0.69 (0.67, 0.72)	0.85 (0.82, 0.87)	0.40 (0.38, 0.42)	0.45 (0.42, 0.47)
Estonia	-0.13 (-0.14, -0.12)	1.69 (1.68, 1.70)	-1.36 (-1.37, -1.35)	3.05 (3.04, 3.06)
Eswatini	-1.33 (-1.33, -1.32)	-1.60 (-1.61, -1.60)	-1.62 (-1.62, -1.61)	0.01 (0.00, 0.02)
Ethiopia	-1.24 (-1.27, -1.20)	-1.14 (-1.15, -1.12)	-1.23 (-1.25, -1.22)	0.10 (0.07, 0.12)
Fiji	0.24 (0.23, 0.25)	0.44 (0.43, 0.45)	-0.20 (-0.23, -0.18)	0.65 (0.62, 0.67)
Finland	2.38 (2.38, 2.38)	1.79 (1.79, 1.80)	2.78 (2.78, 2.79)	-0.99 (-1.00, -0.98)
France	1.27 (1.26, 1.28)	1.00 (0.99, 1.01)	1.58 (1.58, 1.58)	-0.58 (-0.59, -0.57)
Gabon	-1.26 (-1.27, -1.25)	-1.36 (-1.37, -1.35)	-1.17 (-1.19, -1.15)	-0.19 (-0.22, -0.17)
Gambia	-0.28 (-0.30, -0.27)	-0.17 (-0.19, -0.16)	-0.46 (-0.49, -0.43)	0.29 (0.25, 0.32)
Georgia	-0.99 (-1.00, -0.97)	0.65 (0.62, 0.67)	-2.45 (-2.47, -2.44)	3.10 (3.07, 3.13)



Germany	2.42 (2.41, 2.43)	1.92 (1.91, 1.93)	2.80 (2.79, 2.80)	-0.87 (-0.88, -0.86)
Ghana	-1.97 (-1.97, -1.97)	-1.54 (-1.55, -1.54)	-2.18 (-2.18, -2.17)	0.63 (0.63, 0.64)
Greece	3.11 (3.11, 3.11)	2.29 (2.28, 2.29)	3.95 (3.95, 3.96)	-1.67 (-1.68, -1.66)
Greenland	2.39 (2.39, 2.40)	1.39 (1.39, 1.40)	4.95 (4.94, 4.95)	-3.56 (-3.57, -3.55)
Grenada	-0.34 (-0.35, -0.32)	0.64 (0.64, 0.65)	-1.17 (-1.19, -1.15)	1.81 (1.79, 1.83)
Guam	1.88 (1.87, 1.89)	1.62 (1.61, 1.62)	2.32 (2.32, 2.33)	-0.71 (-0.72, -0.70)
Guatemala	0.28 (0.27, 0.28)	-0.03 (-0.04, -0.02)	0.30 (0.29, 0.32)	-0.34 (-0.35, -0.32)
Guinea	-0.73 (-0.73, -0.72)	-0.74 (-0.74, -0.73)	-0.81 (-0.81, -0.81)	0.07 (0.07, 0.08)
Guinea-Bissau	-1.37 (-1.38, -1.36)	-1.40 (-1.41, -1.39)	-1.36 (-1.37, -1.36)	-0.04 (-0.05, -0.03)
Guyana	-0.85 (-0.86, -0.84)	-1.12 (-1.13, -1.11)	-0.60 (-0.61, -0.60)	-0.52 (-0.53, -0.50)
Haiti	0.35 (0.34, 0.36)	1.00 (1.00, 1.01)	0.03 (0.01, 0.05)	0.98 (0.96, 1.00)
Honduras	-0.44 (-0.46, -0.43)	-0.97 (-0.99, -0.95)	0.27 (0.26, 0.29)	-1.24 (-1.27, -1.21)
Hungary	1.76 (1.75, 1.77)	3.04 (3.02, 3.06)	0.27 (0.26, 0.27)	2.77 (2.75, 2.79)
Iceland	2.42 (2.41, 2.42)	1.60 (1.60, 1.60)	3.06 (3.05, 3.06)	-1.46 (-1.46, -1.45)
India	3.52 (3.52, 3.53)	4.64 (4.64, 4.65)	2.28 (2.27, 2.29)	2.36 (2.35, 2.37)
Indonesia	-0.27 (-0.28, -0.25)	0.28 (0.26, 0.30)	-0.84 (-0.86, -0.82)	1.12 (1.09, 1.15)
Iran (Islamic Republic of)	0.46 (0.44, 0.48)	0.74 (0.70, 0.77)	0.28 (0.26, 0.31)	0.45 (0.41, 0.50)
Iraq	-0.02 (-0.07, 0.03)	0.80 (0.77, 0.84)	-0.67 (-0.71, -0.62)	1.47 (1.41, 1.53)
Ireland	2.82 (2.81, 2.82)	1.93 (1.92, 1.93)	5.07 (5.06, 5.07)	-3.14 (-3.15, -3.13)
Israel	0.85 (0.84, 0.86)	0.13 (0.12, 0.13)	1.15 (1.14, 1.16)	-1.03 (-1.04, -1.01)
Italy	2.38 (2.38, 2.38)	1.49 (1.48, 1.50)	2.92 (2.92, 2.92)	-1.43 (-1.44, -1.42)
Jamaica	1.69 (1.67, 1.70)	0.90 (0.88, 0.92)	1.70 (1.69, 1.71)	-0.80 (-0.82, -0.78)
Japan	2.09 (2.09, 2.10)	1.71 (1.71, 1.71)	2.93 (2.93, 2.94)	-1.22 (-1.23, -1.22)
Jordan	3.43 (3.42, 3.45)	3.58 (3.57, 3.59)	2.94 (2.92, 2.96)	0.64 (0.62, 0.66)
Kazakhstan	-2.70 (-2.71, -2.69)	-2.62 (-2.64, -2.60)	-3.17 (-3.20, -3.14)	0.55 (0.51, 0.59)
Kenya	-1.40 (-1.40, -1.39)	-1.71 (-1.71, -1.70)	-0.96 (-0.96, -0.95)	-0.75 (-0.76, -0.74)
Kiribati	-0.66 (-0.68, -0.64)	-0.85 (-0.87, -0.84)	-0.60 (-0.61, -0.59)	-0.25 (-0.26, -0.23)
Kuwait	0.79 (0.78, 0.80)	-0.98 (-1.00, -0.97)	3.81 (3.80, 3.82)	-4.79 (-4.81, -4.77)
Kyrgyzstan	-0.48 (-0.49, -0.47)	-0.00 (-0.01, 0.01)	-0.46 (-0.47, -0.46)	0.46 (0.45, 0.47)

Lao People's Democratic Republic	2.20 (2.19, 2.21)	2.10 (2.09, 2.11)	1.45 (1.43, 1.46)	0.65 (0.63, 0.66)
Latvia	-0.27 (-0.28, -0.25)	1.89 (1.88, 1.91)	-2.09 (-2.09, -2.08)	3.98 (3.96, 3.99)
Lebanon	3.47 (3.44, 3.51)	2.87 (2.82, 2.92)	3.99 (3.98, 4.01)	-1.12 (-1.18, -1.07)
Lesotho	-1.46 (-1.47, -1.44)	-1.48 (-1.50, -1.45)	-1.55 (-1.57, -1.53)	0.07 (0.04, 0.11)
Liberia	0.80 (0.78, 0.81)	0.97 (0.94, 0.99)	0.33 (0.30, 0.36)	0.64 (0.60, 0.67)
Libya	2.00 (1.98, 2.03)	2.50 (2.48, 2.52)	1.06 (1.02, 1.09)	1.45 (1.40, 1.49)
Lithuania	-1.17 (-1.18, -1.17)	0.50 (0.49, 0.51)	-3.31 (-3.33, -3.30)	3.81 (3.79, 3.83)
Luxembourg	2.33 (2.32, 2.34)	0.91 (0.91, 0.92)	4.07 (4.06, 4.07)	-3.15 (-3.16, -3.14)
Madagascar	-0.39 (-0.41, -0.37)	-0.28 (-0.29, -0.26)	-0.46 (-0.49, -0.44)	0.19 (0.16, 0.21)
Malawi	0.68 (0.67, 0.69)	0.71 (0.70, 0.73)	0.71 (0.70, 0.72)	0.00 (-0.02, 0.02)
Malaysia	1.63 (1.61, 1.65)	2.53 (2.50, 2.55)	0.65 (0.64, 0.67)	1.87 (1.85, 1.90)
Maldives	0.57 (0.56, 0.58)	0.74 (0.73, 0.74)	-0.21 (-0.22, -0.20)	0.94 (0.94, 0.95)
Mali	0.37 (0.36, 0.38)	0.90 (0.90, 0.91)		0.78 (0.78, 0.79)
Malta	-0.28 (-0.29, -0.28)	-1.40 (-1.40, -1.39)	0.90 (0.90, 0.90)	-2.30 (-2.31, -2.29)
Marshall Islands	1.28 (1.27, 1.29)	1.50 (1.49, 1.50)	0.85 (0.84, 0.86)	0.65 (0.64, 0.66)
Mauritania	1.65 (1.65, 1.65)	2.39 (2.39, 2.40)	1.17 (1.16, 1.17)	1.23 (1.22, 1.24)
Mauritius	0.08 (0.07, 0.09)	0.12 (0.10, 0.14)	0.36 (0.35, 0.36)	-0.24 (-0.25, -0.22)
Mexico	1.22 (1.21, 1.24)	1.70 (1.69, 1.71)	0.64 (0.63, 0.64)	1.07 (1.05, 1.08)
Micronesia (Federated States of)	-0.86 (-0.87, -0.84)	-0.45 (-0.46, -0.43)	-1.39 (-1.40, -1.38)	0.94 (0.93, 0.96)
Monaco	2.24 (2.22, 2.25)	1.55 (1.53, 1.56)	1.15 (1.14, 1.16)	0.40 (0.38, 0.42)
Mongolia	1.00 (0.99, 1.00)	1.80 (1.79, 1.81)	0.04 (0.04, 0.04)	1.76 (1.76, 1.77)
Montenegro	-1.20 (-1.22, -1.17)	-0.76 (-0.81, -0.72)	-1.83 (-1.86, -1.80)	1.07 (1.01, 1.12)
Morocco	-0.98 (-0.99, -0.97)	-0.70 (-0.71, -0.70)	-0.99 (-1.00, -0.98)	0.29 (0.28, 0.30)
Mozambique	-0.82 (-0.83, -0.82)	-1.01 (-1.02, -1.00)	-0.79 (-0.80, -0.78)	-0.22 (-0.23, -0.20)
Myanmar	-0.40 (-0.41, -0.40)	0.25 (0.24, 0.25)	-1.05 (-1.06, -1.04)	1.30 (1.29, 1.31)
Namibia	-1.03 (-1.03, -1.02)	-0.98 (-0.99, -0.98)	-0.89 (-0.90, -0.88)	-0.10 (-0.11, -0.09)
Nauru	-1.84 (-1.85, -1.82)	-1.54 (-1.55, -1.53)	-1.74 (-1.75, -1.74)	0.20 (0.19, 0.22)
Nepal	1.49 (1.48, 1.50)	1.71 (1.71, 1.71)	1.98 (1.97, 1.99)	-0.27 (-0.28, -0.26)
Netherlands	2.97 (2.96, 2.98)	2.51 (2.50, 2.52)	3.61 (3.60, 3.61)	-1.10 (-1.11, -1.08)

New Zealand	1.79 (1.77, 1.80)	1.30 (1.30, 1.31)	2.27 (2.25, 2.29)	-0.97 (-0.99, -0.95)
Nicaragua	-0.33 (-0.34, -0.32)	-0.57 (-0.58, -0.57)	-0.26 (-0.27, -0.25)	-0.31 (-0.32, -0.30)
Niger	1.60 (1.59, 1.61)	1.86 (1.85, 1.87)	1.31 (1.29, 1.32)	0.56 (0.54, 0.57)
Nigeria	0.47 (0.46, 0.47)	-0.58 (-0.60, -0.56)	1.76 (1.73, 1.79)	-2.34 (-2.38, -2.30)
Niue	0.18 (0.17, 0.19)	0.34 (0.33, 0.35)	-0.33 (-0.35, -0.32)	0.67 (0.65, 0.69)
North Macedonia	0.13 (0.12, 0.14)	0.31 (0.29, 0.32)	-0.31 (-0.34, -0.29)	0.62 (0.59, 0.65)
Northern Mariana Islands	-1.50 (-1.57, -1.44)	-1.38 (-1.49, -1.27)	-0.61 (-0.83, -0.39)	-0.77 (-1.02, -0.52)
Norway	6.44 (6.44, 6.44)	5.71 (5.70, 5.71)	7.50 (7.50, 7.50)	-1.79 (-1.80, -1.79)
Oman	-2.85 (-2.87, -2.83)	-3.55 (-3.58, -3.51)	-2.26 (-2.27, -2.25)	-1.29 (-1.33, -1.25)
Pakistan	0.52 (0.52, 0.52)	2.22 (2.22, 2.23)	-0.13 (-0.14, -0.12)	2.35 (2.34, 2.36)
Palau	1.55 (1.55, 1.55)	1.78 (1.77, 1.80)	0.82 (0.82, 0.83)	0.96 (0.95, 0.98)
Palestine	0.59 (0.58, 0.61)	1.23 (1.22, 1.24)	0.14 (0.13, 0.15)	1.09 (1.07, 1.10)
Panama	0.21 (0.21, 0.21)	-0.18 (-0.18, -0.18)	0.12 (0.12, 0.13)	-0.30 (-0.30, -0.30)
Papua New Guinea	1.10 (1.10, 1.11)	1.15 (1.13, 1.16)	0.95 (0.94, 0.97)	0.19 (0.18, 0.21)
Paraguay	1.51 (1.49, 1.52)	3.05 (3.04, 3.06)	-0.86 (-0.88, -0.83)	3.91 (3.88, 3.93)
Peru	2.42 (2.41, 2.43)	2.93 (2.92, 2.94)	1.94 (1.92, 1.96)	0.99 (0.97, 1.01)
Philippines	3.08 (3.00, 3.15)	2.90 (2.81, 2.98)	3.33 (3.27, 3.39)	-0.43 (-0.53, -0.33)
Poland	0.72 (0.70, 0.73)	1.31 (1.30, 1.33)	0.29 (0.29, 0.30)	1.02 (1.01, 1.04)
Portugal	1.59 (1.58, 1.59)	1.14 (1.14, 1.15)	1.96 (1.96, 1.97)	-0.82 (-0.83, -0.81)
Puerto Rico	1.13 (1.12, 1.14)	0.73 (0.72, 0.73)	1.40 (1.39, 1.40)	-0.67 (-0.68, -0.66)
Qatar	-0.69 (-0.70, -0.68)	-0.16 (-0.17, -0.15)	-1.56 (-1.57, -1.55)	1.40 (1.38, 1.42)
Republic of Korea	1.47 (1.46, 1.48)	1.38 (1.36, 1.39)	1.69 (1.68, 1.70)	-0.32 (-0.33, -0.30)
Republic of Moldova	-2.25 (-2.28, -2.21)	0.19 (0.17, 0.22)	-5.46 (-5.50, -5.43)	5.66 (5.62, 5.70)
Romania	1.44 (1.43, 1.44)	3.26 (3.26, 3.27)	0.77 (0.76, 0.78)	2.49 (2.48, 2.50)
Russian Federation	-0.45 (-0.46, -0.43)	-0.48 (-0.48, -0.47)	-0.24 (-0.26, -0.22)	-0.24 (-0.26, -0.22)
Rwanda	1.07 (1.06, 1.08)	1.25 (1.24, 1.26)	0.40 (0.39, 0.42)	0.84 (0.83, 0.86)
Saint Kitts and Nevis	4.05 (4.04, 4.06)	6.22 (6.20, 6.23)	1.10 (1.09, 1.12)	5.11 (5.09, 5.14)
Saint Lucia	1.09 (1.08, 1.10)	1.14 (1.14, 1.15)	1.46 (1.46, 1.47)	-0.32 (-0.33, -0.31)
Saint Vincent and the Grenadines	0.80 (0.79, 0.81)	1.66 (1.65, 1.66)	0.18 (0.17, 0.19)	1.48 (1.47, 1.49)

Samoa	0.17 (0.15, 0.19)	0.40 (0.39, 0.41)	-0.25 (-0.27, -0.23)	0.65 (0.63, 0.67)
San Marino	1.59 (1.59, 1.59)	0.88 (0.88, 0.88)	1.51 (1.50, 1.51)	-0.62 (-0.63, -0.62)
Sao Tome and Principe	-0.69 (-0.70, -0.68)	-0.43 (-0.44, -0.42)	-0.96 (-0.97, -0.95)	0.53 (0.52, 0.55)
Saudi Arabia	1.00 (0.99, 1.02)	1.39 (1.34, 1.44)	0.53 (0.52, 0.54)	0.86 (0.81, 0.91)
Senegal	-1.91 (-1.92, -1.89)	-1.81 (-1.82, -1.80)	-1.85 (-1.87, -1.83)	0.04 (0.02, 0.06)
Serbia	-0.14 (-0.21, -0.06)	-0.60 (-0.64, -0.55)	-0.23 (-0.32, -0.13)	-0.37 (-0.47, -0.27)
Seychelles	1.03 (1.02, 1.03)	1.49 (1.48, 1.49)	0.36 (0.36, 0.36)	1.13 (1.12, 1.13)
Sierra Leone	0.79 (0.78, 0.80)	0.97 (0.97, 0.98)	0.52 (0.51, 0.53)	0.45 (0.44, 0.46)
Singapore	1.56 (1.54, 1.58)	0.23 (0.21, 0.26)	2.55 (2.52, 2.58)	-2.32 (-2.35, -2.28)
Slovakia	1.61 (1.61, 1.62)	5.11 (5.10, 5.12)	0.56 (0.56, 0.57)	4.55 (4.54, 4.56)
Slovenia	4.18 (4.17, 4.19)	6.32 (6.30, 6.33)	2.63 (2.62, 2.63)	3.69 (3.68, 3.71)
Solomon Islands	-0.43 (-0.45, -0.40)	-0.19 (-0.21, -0.17)	-0.62 (-0.65, -0.59)	0.43 (0.40, 0.46)
Somalia	-0.15 (-0.17, -0.12)	0.23 (0.21, 0.25)	-0.89 (-0.93, -0.84)	1.12 (1.07, 1.17)
South Africa	-2.96 (-2.98, -2.95)	-2.70 (-2.71, -2.68)	-3.19 (-3.21, -3.18)	0.50 (0.48, 0.52)
South Sudan	6.75 (6.75, 6.76)	7.92 (7.92, 7.92)	6.45 (6.44, 6.45)	1.47 (1.46, 1.48)
Spain	2.34 (2.33, 2.35)	1.81 (1.79, 1.82)	2.73 (2.73, 2.74)	-0.93 (-0.95, -0.91)
Sri Lanka	0.83 (0.82, 0.85)	1.32 (1.31, 1.33)	0.56 (0.54, 0.58)	0.76 (0.73, 0.78)
Sudan	-0.82 (-0.83, -0.82)	-1.25 (-1.26, -1.24)	-0.73 (-0.75, -0.71)	-0.52 (-0.54, -0.50)
Suriname	-1.02 (-1.03, -1.01)	-1.34 (-1.35, -1.33)	-0.53 (-0.54, -0.52)	-0.81 (-0.82, -0.80)
Sweden	1.01 (1.00, 1.01)	1.05 (1.05, 1.06)	1.10 (1.10, 1.10)	-0.05 (-0.05, -0.04)
Switzerland	1.60 (1.59, 1.60)	1.25 (1.23, 1.26)	3.03 (3.03, 3.04)	-1.79 (-1.80, -1.77)
Syrian Arab Republic	-0.55 (-0.57, -0.52)	-0.32 (-0.35, -0.29)	-0.41 (-0.44, -0.38)	0.09 (0.05, 0.13)
Taiwan (Province of China)	1.23 (1.22, 1.25)	1.33 (1.29, 1.36)	0.92 (0.92, 0.93)	0.40 (0.37, 0.44)
Tajikistan	-1.30 (-1.32, -1.28)	-0.74 (-0.76, -0.73)	-1.25 (-1.27, -1.23)	0.51 (0.48, 0.53)
Thailand	1.21 (1.19, 1.23)	1.02 (1.00, 1.05)	1.53 (1.50, 1.56)	-0.51 (-0.55, -0.47)
Timor-Leste	3.39 (3.37, 3.41)	3.70 (3.68, 3.71)	2.92 (2.89, 2.95)	0.78 (0.74, 0.81)
Togo	-0.22 (-0.25, -0.19)	-0.69 (-0.71, -0.67)	0.45 (0.43, 0.48)	-1.14 (-1.17, -1.11)
Tokelau	0.90 (0.89, 0.90)	0.73 (0.72, 0.75)	0.73 (0.73, 0.74)	0.00 (-0.02, 0.02)
Tonga	0.53 (0.53, 0.53)	0.49 (0.49, 0.50)	0.60 (0.59, 0.60)	-0.10 (-0.11, -0.10)

Trinidad and Tobago	-0.13 (-0.15, -0.11)	-0.25 (-0.27, -0.23)	-0.06 (-0.10, -0.03)	-0.18 (-0.23, -0.14)
Tunisia	1.05 (1.04, 1.06)	0.98 (0.97, 0.98)	0.94 (0.94, 0.95)	0.03 (0.03, 0.04)
Turkey	-1.54 (-1.56, -1.53)	-1.47 (-1.48, -1.46)	-1.30 (-1.31, -1.29)	-0.17 (-0.18, -0.15)
Turkmenistan	0.36 (0.33, 0.39)	3.08 (3.02, 3.15)	-1.90 (-1.93, -1.86)	4.98 (4.91, 5.05)
Tuvalu	1.01 (0.99, 1.02)	1.30 (1.29, 1.31)	0.82 (0.81, 0.83)	0.48 (0.47, 0.49)
Uganda	-3.32 (-3.33, -3.31)	-4.69 (-4.71, -4.68)	-2.49 (-2.50, -2.48)	-2.20 (-2.22, -2.19)
Ukraine	-1.43 (-1.44, -1.42)	-0.14 (-0.14, -0.14)	-1.91 (-1.93, -1.89)	1.77 (1.75, 1.79)
United Arab Emirates	-4.14 (-4.18, -4.11)	-4.97 (-5.00, -4.93)	-3.20 (-3.21, -3.18)	-1.77 (-1.81, -1.73)
United Kingdom	1.20 (1.18, 1.22)	1.86 (1.84, 1.88)	-0.03 (-0.05, -0.02)	1.89 (1.87, 1.92)
United Republic of Tanzania	-1.70 (-1.72, -1.68)	-1.14 (-1.15, -1.12)	-2.33 (-2.35, -2.30)	1.19 (1.16, 1.22)
United States of America	0.95 (0.94, 0.95)	0.28 (0.27, 0.28)	1.54 (1.53, 1.54)	-1.26 (-1.27, -1.25)
United States Virgin Islands	-0.83 (-0.85, -0.81)	-1.02 (-1.05, -0.99)	0.30 (0.29, 0.30)	-1.32 (-1.35, -1.28)
Uruguay	3.54 (3.52, 3.56)	4.91 (4.90, 4.92)	2.02 (2.01, 2.03)	2.89 (2.88, 2.90)
Uzbekistan	-1.72 (-1.73, -1.70)	-0.62 (-0.63, -0.61)	-2.22 (-2.23, -2.21)	1.60 (1.58, 1.61)
Vanuatu	0.57 (0.56, 0.58)	1.14 (1.13, 1.15)	-0.23 (-0.24, -0.22)	1.37 (1.36, 1.38)
Venezuela (Bolivarian Republic of)	3.91 (3.90, 3.92)	5.42 (5.41, 5.43)	3.46 (3.45, 3.47)	1.96 (1.95, 1.97)
Viet Nam	0.75 (0.74, 0.76)	0.63 (0.62, 0.64)	0.77 (0.77, 0.78)	-0.14 (-0.15, -0.13)
Yemen	2.07 (2.06, 2.08)	2.11 (2.11, 2.12)	2.16 (2.15, 2.17)	-0.04 (-0.06, -0.03)
Zambia	-0.96 (-0.96, -0.95)	-0.99 (-1.00, -0.99)	-1.12 (-1.12, -1.12)	0.13 (0.12, 0.13)
Zimbabwe	-0.78 (-0.80, -0.77)	-0.49 (-0.51, -0.47)	-0.91 (-0.93, -0.89)	0.42 (0.39, 0.44)

75 **Table S13 Associations between categorical air temperature levels and mean FPG levels and**  
 76 **rates of high-FPG-related deaths and DALYs**

<b>Risk</b>	<b>Level</b>	<b>Outcome</b>	<b>Percent change in the outcomes (95% CI)</b>	<b><i>P</i><sub>trend</sub></b>
Air temperature (°C)	Q1 (-2.40~11.88)	FPG	Q1 (ref)	<0.05
	Q2 (11.88~20.48)		-2.92 (-8.04, 2.44)	
	Q3 (20.48~25.65)		-9.36 (-16.55, -1.78)	
	Q4 (25.65~29.68)		-7.78 (-16.14, 1.42)	
	Q1 (-2.40~11.88)	Death rate	Q1 (ref)	<0.05
	Q2 (11.88~20.48)		-68.15 (-77.10, -56.19)	
	Q3 (20.48~25.65)		-90.81 (-94.50, -84.05)	
	Q4 (25.65~29.68)		-93.80 (-96.81, -88.10)	
	Q1 (-2.40~11.88)	DALYs rate	Q1 (ref)	<0.05
	Q2 (11.88~20.48)		-65.32 (-73.99, -52.55)	
	Q3 (20.48~25.65)		-86.71 (-91.56, -79.09)	
	Q4 (25.65~29.68)		-91.19 (-94.99, -84.83)	

78 **Supplemental Figure**

79 **Figure S1 Global temporal trends in proportion of males, proportion of population  $\geq 65$  years**  
 80 **old, alcohol consumption, prevalence of cigarette smoking, proportion of population exposed to**  
 81 **secondhand smoke, physical activity levels, average daily consumption of fruits, red meat, fiber,**  
 82 **vegetables and sugar, mean body mass index (BMI), household prevalence of cooking with coal**  
 83 **or biomass, population weighted average of fine particulate matter (PM<sub>2.5</sub>), and population**  
 84 **weighted mean air temperature, from 1990 to 2019.**

