## THE LANCET

## Supplementary appendix

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Appendix	Table 1: Total number of site yes	ars by cause and sou	irce type, cause of a	leath estimates 190	00-2016 Brazil			
Level	Cause	Vital Registration	Verbal Autopsy	Surveillance	Sibling History	Survey/Census	Cancer Registry	Police Records
0	All causes	683	2		196	,	252	
	Communicable, maternal,							
	neonatal, and nutritional							
1	diseases	683	2		196			
2	HIV/AIDS and tuberculosis	683						
3	Tuberculosis	683						
4	Drug-susceptible tuberculosis	683						
4	Multidrug-resistant	063						
	tuberculosis without extensive							
4	drug resistance	545						
	Extensively drug-resistant							
4	tuberculosis							
3	HIV/AIDS	683						
	Drug-susceptible HIV/AIDS -							
4	Tuberculosis	546						
	Multidrug-resistant HIV/AIDS -							
	Tuberculosis without extensive							
4	drug resistance							
7	Extensively drug-resistant							
4	HIV/AIDS - Tuberculosis							
	HIV/AIDS resulting in other							
4	diseases	683						
	Diarrhea, lower respiratory, and							
	other common infectious							
2	diseases	683	2					
3	Diarrheal diseases	683	2					
3 4	Intestinal infectious diseases	682 682						
4	Typhoid fever Paratyphoid fever	682						
7	Other intestinal infectious	082						
4	diseases	682						
3	Lower respiratory infections	683	2					
3	Upper respiratory infections	682						
3	Otitis media	680						
3	Meningitis	683	1					
4	Pneumococcal meningitis	683						
	H influenzae type B meningitis							
4		683						
4	Meningococcal meningitis	683						
3	Other meningitis	683 683						
3	Encephalitis Diphtheria	672						
3	Whooping cough	677						
3	Tetanus	682	1					
3	Measles	683						
3	Varicella and herpes zoster	683						
	Neglected tropical diseases and							
2	malaria	683						
3	Malaria	680						
3	Chagas disease	683						
3	Leishmaniasis	682						
4 3	Visceral leishmaniasis	682 679						
3	African trypanosomiasis Schistosomiasis	680						
3	Cysticercosis	680						
3	Cystic echinococcosis	680						
3	Dengue	680						
3	Yellow fever	680						
3	Rabies	680						
3	Intestinal nematode infections	682						
4	Ascariasis	682						
3	Ebola	3						
3	Zika virus	545						
,	Other neglected tropical	690						
3 2	diseases  Maternal disorders	680 683			196			
1 4	iviatelliai disoldels	003	l	I	1 170	I	I	ı l

1 2		(00	1	1	ı	ı	ı	
3	Maternal hemorrhage	680						
2	Maternal sepsis and other	601						
3	maternal infections	681						
2	Maternal hypertensive	670						
3	disorders	678						
,	Maternal obstructed labor and	600						
3	uterine rupture	680						
	Maternal abortion, miscarriage,							
	and ectopic pregnancy							
3		682						
3	Indirect maternal deaths	649						
3	Late maternal deaths	504						
	Maternal deaths aggravated by							
3	HIV/AIDS	683			196			
3	Other maternal disorders	681						
2	Neonatal disorders	683	2					
	Neonatal preterm birth							
3	complications	683	1					
	•							
	Neonatal encephalopathy due							
3	to birth asphyxia and trauma	683	1					
3	Neonatal sepsis and other	000	1					
3	neonatal infections	682						
3	Hemolytic disease and other	002						
3	neonatal jaundice	683						
3	Other neonatal disorders	683						
2	Nutritional deficiencies	683	1					
		683	1					
3	Protein-energy malnutrition							
3	Iodine deficiency	127						
3	Iron-deficiency anemia	683						
	Other nutritional deficiencies							
3		683						
	Other communicable, maternal,							
	neonatal, and nutritional							
2	diseases	683	1					
	Sexually transmitted diseases							
3	excluding HIV	683						
4	Syphilis	680						
4	Chlamydial infection	683						
4	Gonococcal infection	683						
	Other sexually transmitted							
4	diseases	683						
3	Hepatitis	682	1					
4	Acute hepatitis A	682	_					
4	Hepatitis B	681						
4	Hepatitis C	679						
4	*	679						
	Acute hepatitis E	683						
3	Other infectious diseases		2				252	
1	Non-communicable diseases	683	2				252	
2	Neoplasms	683					252	
3	Lip and oral cavity cancer	683					245	
3	Nasopharynx cancer	683					223	
3	Other pharynx cancer	683					242	
3	Esophageal cancer	683					245	
3	Stomach cancer	683					247	
3	Colon and rectum cancer	683					247	
3	Liver cancer	683					246	
4	Liver cancer due to hepatitis B							
4	Liver cancer due to hepatitis C							
4	Liver cancer due to alcohol use							
	Liver cancer due to other							
4	causes							
-	Gallbladder and biliary tract							
3	cancer	683					242	
3	Pancreatic cancer	683					242	
3		683					244	
3	Larynx cancer	003					244	
3	Tracheal, bronchus, and lung	683					247	
3	cancer	003					247	

3	M-1:	683	1	1	ı	1	247	I
3	Malignant skin melanoma	683					247	
3	Non-melanoma skin cancer	083						
4	Non-melanoma skin cancer	(92						
4	(squamous-cell carcinoma)	683					247	
3	Breast cancer	683					247	
3	Cervical cancer	683					247	
3	Uterine cancer	683					246	
3	Ovarian cancer	683					247	
3	Prostate cancer	683					247	
3	Testicular cancer	683					233	
3	Kidney cancer	683					244	
3	Bladder cancer	683					244	
	Brain and nervous system							
3	cancer	683					246	
3	Thyroid cancer	683					244	
3	Mesothelioma	546						
3	Hodgkin lymphoma	683					241	
3	Non-Hodgkin lymphoma	683					246	
3	Multiple myeloma	683					239	
3	Leukemia	683					252	
4	Acute lymphoid leukemia	683					243	
4	Chronic lymphoid leukemia	683					230	
4	Acute myeloid leukemia	683					239	
4	Chronic myeloid leukemia	683					242	
4	Other leukemia	683					241	
3	Other neoplasms	683					252	
2	Cardiovascular diseases	683					232	
3	Rheumatic heart disease	683						
3		683						
3	Ischemic heart disease							
	Cerebrovascular disease	683						
4	Ischemic stroke	683						
4	Hemorrhagic stroke	683						
3	Hypertensive heart disease	683						
	Cardiomyopathy and							
3	myocarditis	683						
4	Myocarditis	683						
4	Alcoholic cardiomyopathy	683						
4	Other cardiomyopathy	683						
3	Atrial fibrillation and flutter	680						
3	Aortic aneurysm	683						
3	Peripheral artery disease	675						
3	Endocarditis	683						
	Other cardiovascular and							
3	circulatory diseases	683						
2	Chronic respiratory diseases	683						
	Chronic obstructive pulmonary							
3	disease	683						
3	Pneumoconiosis	682						
4	Silicosis	681						
4	Asbestosis	682						
4	Coal workers pneumoconiosis	681						
4	Other pneumoconiosis	681						
3	Asthma	682						
3	Interstitial lung disease and							
3	pulmonary sarcoidosis	682	1					
J	Other chronic respiratory	002						
3	diseases	683						
3	Cirrhosis and other chronic	003						
2	liver diseases	683						
4	nver diseases	003						
	Cirrhosis and other chronic							
3	liver diseases due to hepatitis B							
3	•							
	Cirrhosis and other chronic							
,	liver diseases due to hepatitis C							
3	•							
	Cirrhosis and other chronic							
	liver diseases due to alcohol							
3	use							

			•	•	•	•	•	
	Cirrhosis and other chronic							
	liver diseases due to other							
3	causes							
2	Digestive diseases	683						
3	Peptic ulcer disease	683						
	-							
3	Gastritis and duodenitis	683						
3	Appendicitis	683						
	Paralytic ileus and intestinal							
3	obstruction	683						
	Inguinal, femoral, and							
3	abdominal hernia	683						
3		683						
	Inflammatory bowel disease							
3	Vascular intestinal disorders	682						
	Gallbladder and biliary							
3	diseases	683						
3	Pancreatitis	683						
3	Other digestive diseases	683						
2	Neurological disorders	683						
2		003						
_	Alzheimer disease and other	(50						
3	dementias	678						
3	Parkinson disease	679						
3	Epilepsy	682						
3	Multiple sclerosis	572						
3	Motor neuron disease	681						
3	Wiotor neuron disease	001						
2	Other neurological disorders	692				]		
3		683						
	Mental and substance use							
2	disorders	683						
3	Alcohol use disorders	683						
3	Drug use disorders	683						
4	Opioid use disorders	683						
4	Cocaine use disorders	682						
4	Amphetamine use disorders	682						
4	Other drug use disorders	682						
3	Eating disorders	678						
4	Anorexia nervosa	678						
4		665						
4	Bulimia nervosa	003						
	Diabetes, urogenital, blood,							
2	and endocrine diseases	683						
3	Diabetes mellitus	683						
3	Acute glomerulonephritis	683						
3	Chronic kidney disease	683						
3		003						
4	Chronic kidney disease due to	602						
4	diabetes mellitus	683						
	Chronic kidney disease due to							
4	hypertension	683						
	Chronic kidney disease due to							
4	glomerulonephritis	683						
	Chronic kidney disease due to							
4	other causes	683			1	1		
7		003						
_	Urinary diseases and male	(02						
3	infertility	683						
	Interstitial nephritis and urinary				1	1		
4	tract infections	683						
4	Urolithiasis	683						
4	Other urinary diseases	683						
3	Gynecological diseases	683						
4	Uterine fibroids	683						
	Polycystic ovarian syndrome							
4	1 orycystic ovarian syndrome	591						
4	Endometriosis	613						
4	Genital prolapse	663						
•								
1	Other gynecological diseases	683			1	1		
4		083						
	Hemoglobinopathies and							
3	hemolytic anemias	683						
4	Thalassemias	683						
4	Sickle cell disorders	683						
4	G6PD deficiency	59						
	Other hemoglobinopathies and							
4		681						
4	hemolytic anemias	081						

	1		ı	i	1	1	ı
	Endocrine, metabolic, blood,						
	and immune disorders						
3	and immune disorders	683					
2	Musculoskeletal disorders	683					
3	Rheumatoid arthritis	681					
,		001					
	Other musculoskeletal						
3	disorders	683					
	Other non-communicable						
2	diseases	683	2				
3	Congenital birth defects	683	2				
			2				
4	Neural tube defects	683					
4	Congenital heart anomalies	683					
4	Orofacial clefts	582					
4	Down syndrome	678					
•	Other chromosomal	070					
		<b>650</b>					
4	abnormalities	679					
	Congenital musculoskeletal						
4	and limb anomalies	678					
	Urogenital congenital						
4	anomalies	682					
7	anomanes	082					
	Digestive congenital anomalies						
4	g g g uno munico	683					
	Other concenited hints defe				]		
4	Other congenital birth defects	683			]		
	Skin and subcutaneous						
3	diseases	683					
4	Cellulitis	683					
4	Pyoderma	683					
4	Decubitus ulcer	680					
	Other skin and subcutaneous						
4	diseases	680					
4	diseases	080					
	Sudden infant death syndrome						
3	Sudden imant death syndrome	553					
1	Injuries	683					
2	Transport injuries	683					
3		683					
	Road injuries						
4	Pedestrian road injuries	683					
4	Cyclist road injuries	683					
4	Motorcyclist road injuries	683					
4	Motor vehicle road injuries	683					
4		683					
	Other road injuries						
3	Other transport injuries	683					
2	Unintentional injuries	683					
3	Falls	683					
3	Drowning	683					
	g						
2	Fire, heat, and hot substances	602					
3		683					
3	Poisonings	683					
	Evnosure to machanical fares						
3	Exposure to mechanical forces	683					
4	Unintentional firearm injuries	683			]		
4	III-i-tti1 CC (	683					
4	Unintentional suffocation	083					
	Other exposure to mechanical				1	1	
4	forces	683					
	Adverse effects of medical						
3	treatment	683					
3	Animal contact	683					
4							
4	Venomous animal contact	683					
	Non-venomous animal contact				]		
4	1.511 venomous animai contact	683					
3	Foreign body	683					
	Pulmonary aspiration and						
4	foreign body in airway	683			]		
4	roreign body in airway	003					
	Foreign body in other body part						
4		682					
	Environmental heat and cold				1	1	
3	exposure	683			]		
3	Other unintentional injuries	683					
-	Self-harm and interpersonal						
2	violence	602			]		
		683					

3	Self-harm	683			
4	Self-harm by firearm	683			
	Self-harm by other specified				
4	means	683			
3	Interpersonal violence	683			
4	Physical violence by firearm	683			
4	Physical violence by sharp object	683			
4	Physical violence by other means	683			
2	Forces of nature, conflict and terrorism, and executions and police conflict	683			
3	Exposure to forces of nature	681			
3	Conflict and terrorism	683			
3	Executions and police conflict	668			

Care	Appendix Table 2: Data used in Brazil non-fatal esti	mates, GBD 2016			
Ministration   Security   Secur		Citation	Coverage	Years	Data type
Camer   Came	HIV/AIDS and tuberculosis	Switzerland: World Health Organization (WHO).	Global	2003-2014	Epi surveillance
Section   Section   Personal News According (1994), 1994 (2009) 2015   Colored   Col	Tuberculeris		Clobal	1000 2016	Madalad data
Camabia   Cama	Tuberculosis		Global	1990-2016	Modeled data
Commonstein   1982   1992	Tuberculosis		Global	2000-2015	Modeled data
Table		coverage] 1990; 108(2): 100\dag{2}.			
Patentines					
Transmission		Ministry of Health (Brazil). Brazil Information System for Notifiable Diseases 2006.			
Control of the Contro	Tuberculosis		Global	2000-2015	Epi surveillance
Sizer Age   1997   19		LC. A comparison of dual skin test with mycobacterial antigens and tuberculin skin test alone	5.755		
Monthly operation transmissed with the content of	Tuberculosis			1998	Scientific literature
MonRoCo   Seat Notice of Health (Seat Seat Actually Information Systems - Control 1995)   Most and Seat Actually Information Systems - Control 1995   Most and Seat Actually Information	Multidrug-resistant tuberculosis without extensive	World Health Organization (WHO). WHO Global Project on Anti-Tuberculosis Drug Resistance			
Manual Manesay of Health Education (Manual Security of Health Manual	drug resistance		Global	2008	Survey
	HIV/AIDS	Brazil: Ministry of Health (Brazil).	Country	1988	Vital registration
Montang of Health (Seal, Seal And Access)   Montang of Health (Seal	HIV/AIDS		Country	2005	Vital registration
Water   Water   Control		Ministry of Health (Brazil). Brazil Mortality Information System - Deaths 1989. Rio de Janeiro,			
Wildings of Ministry of Health (Basel)   Earth More Hay bell made of potents — Central 1990.   A Vall registration   Ministry of Health (Basel)   A Vall registration   Ministry of Health (Basel)   A Vall registration   Ministry of Health (Basel)	HIV/AIDS		Country	1989	vital registration
	HIV/AIDS		Country	2004	Vital registration
	HIV/AIDS		Country	1990	Vital registration
Microscy of Health Billiand	HIV/AIDS		Country	2002	Vital registration
March   Marc			Country		vitarregistration
Book   Ministry of Health (Brazil)   Book   Ministry of Health (Brazil)   Board (Ministry of Health (Brazil)   Board (Braz	HIV/AIDS		Country	1991	Vital registration
March   Search Messary of Health (Basal)   March   M	HIV/AIDS	Brazil: Ministry of Health (Brazil).	Country	2006	Vital registration
Montary of Hasian (Bazal) Bazal Montary (Parally Serial Montary (Parally Serial Montary) (Parally Mo	HIV/AIDS		Country	1992	Vital registration
Montany of nearby (East) Brazil Montany Information System - Deaths 2011. 80 de Janeiro.		Ministry of Health (Brazil). Brazil Mortality Information System - Deaths 1987. Rio de Janeiro,	,		•
### MARCH   Bazal   March   Ma	HIV/AIDS		Country	1987	Vital registration
Mary/ABS   Barzal Minory of Health (Brazil), Barzal Minoration System - Death 2000, Ro de Janeso,   Country   1992   Vital registration   Minoraty of Health (Brazil), Barzal Minoraty of Health (Brazil), Barza	HIV/AIDS	Brazil: Ministry of Health (Brazil).	Country	2001	Vital registration
March   Sazar Minarcy of Install Repail.	HIV/AIDS		Country	1993	Vital registration
Menintry of reachil (Iracal). Brazil Minarty of Freeding Serial Minarty of					100 1 10 11
Moratory of Health (Brazil), Except Mortality information System - Deaths 1999 in Soil Zanetino, Country 1999 Vital registration Moratory of Health (Brazil), Example Moratory (Information System - Deaths 1995, Rio de Janetino, Country 1995 Wital registration Moratory of Health (Brazil), Example Moratory (Information System - Deaths 1998, Rio de Janetino, Country 1998 Wital registration Moratory of Health (Brazil), Example Moratory (Information System - Deaths 1998, Rio de Janetino, Country 1998 Wital registration Moratory of Health (Brazil), Example Moratory (Information System - Deaths 2007, Rio de Janetino, Country 1998 Wital registration Moratory of Health (Brazil), Example Moratory (Information System - Deaths 2007, Rio de Janetino, Country 1998 Wital registration Moratory of Health (Brazil), Example Moratory (Information System - Deaths 2007, Rio de Janetino, Country 1994 Wital registration Moratory of Health (Brazil), Example Moratory (Information System - Deaths 2007, Rio de Janetino, Country 1994 Wital registration Moratory (Information System - Deaths 2007, Rio de Janetino, Country 1994 Wital registration Moratory (Information System - Deaths 2007, Rio de Janetino, Country 1994 Wital registration Moratory (Information System - Deaths 2007, Rio de Janetino, Country 1994 Wital registration Moratory (Information System - Deaths 2008, Rio de Janetino, Country 1994 Wital registration Moratory (Information System - Deaths 2008, Rio de Janetino, Country 1994 Wital registration Moratory (Information System - Deaths 2008, Rio de Janetino, Country 1994 Wital registration Moratory (Information System - Deaths 2008, Rio de Janetino, Country 1994 Wital registration Moratory (Information System - Deaths 2008, Rio de Janetino, Country 1994 Wital registration Moratory (Information System - Deaths 2008, Rio de Janetino, Country 1994 Wital registration Moratory (Information System - Deaths 2008, Rio de Janetino, Country 1994 Wital registration Moratory (Information System - Deaths 2008, Rio de Janetino, Country 2009, Sc	HIV/AIDS		Country	2000	Vital registration
More   March   Mindred of Health (Berall)   More   March   Mindred of Health	HIV/AIDS	Brazil: Ministry of Health (Brazil).	Country	1994	Vital registration
International Country 1995 Wait registration (International Country 1995 Mainternational Country 1996 Mainternational Mainternat	HIV/AIDS		Country	1999	Vital registration
Microp of Visabili (Brazil). Example Mortally information System - Deaths 1998. Role Jamenin, Country 1998. Vital registration Microp of Visabili (Brazil). Example Mortally information System - Deaths 1909. Role de Jamenin, Country 2002. Wild registration Microp of Visabili (Brazil). Microp of Visabili (B	HIV/AIDS		Country	1005	Vital registration
Minicary of Headin (Brazil). Brazil Mortally information System - Deaths 2007, Bio de Janerio, Country 2002 Vital registration Minicary of Headin (Brazil). Brazil Mortally information System - Deaths 2007, Bio de Janerio, Country 2007 Vital registration Minicary of Headin (Brazil). Brazil Mortally information System - Deaths 2007, Bio de Janerio, Country 2007 Vital registration Minicary of Headin (Brazil). Brazil Mortally information System - Deaths 2008, Bio de Janerio, Country 2008 Vital registration Minicary of Headin (Brazil). Brazil Mortally information System - Deaths 2008, Bio de Janerio, Gourtry 2008 Vital registration Minicary of Headin (Brazil). Brazil Mortally information System - Deaths 2015. Country 2015 Vital registration Minicary of Headin (Brazil). Brazil Mortally information System - Deaths 2016. Country 2015 Vital registration and bloom of Country 2015 Vital registration of Minicary of Headin (Brazil). Brazil Mortally information System - Deaths 2014. Country 2015 Vital registration and bloom of Country 2015 Vital registration of Minicary of Headin (Brazil). Brazil Mortally information System - Deaths 2014. Country 2015 Vital registration of Minicary of Headin (Brazil) Brazil Mortally information System - Deaths 2014. Country 2015 Vital registration of Minicary of Headin (Brazil). Brazil Mortally information System - Deaths 2014. Country 2014 Vital registration of Minicary of Headin (Brazil). Brazil Mortally information System - Deaths 2014. Country 2014 Vital registration of Minicary of Headin (Brazil). Brazil Mortally information System - Deaths 2014. Country 2014 Vital registration of Minicary of Headin (Brazil). Brazil Mortally information System - Deaths 2014. Role of Country 2014 Vital registration of Minicary of Headin (Brazil). Brazil Mortally information System - Deaths 2013. Role de Janerio, Minicary of Headin (Brazil). Brazil Mortally information System - Deaths 2013. Role de Janerio, Minicary of Headin (Brazil). Brazil Mortally information System - Deaths 2013. Role de Janerio, Min	HIVAIDS		Country	1993	vitai registration
### ### ### ### ### ### ### ### ### ##	HIV/AIDS		Country	1998	Vital registration
### SPANDS    Brazek Ministry of Frieshin (Brazil)   Brazil Mortally information System - Deaths 1984, Rio de Janeiro, Ministry of Frieshin (Brazil)   Brazil Mortally information System - Deaths 1984, Rio de Janeiro, Country   1984   Vital registration   Vital	HIV/AIDS		Country	2002	Vital registration
Ministry of Health (Brazil). Brazil Mortality information System: Deaths 1984. Role Baneto, Country 1384. Vital registration Ministry of Health (Brazil). Brazil Mortality information System: Deaths 2008. Role Baneto, Country 2008. Role Baneto, Brazil Ministry of Health (Brazil). Brazil Mortality information System: Deaths 2008. Role Baneto, Country 2008. Role Baneto, Brazil Ministry of Health (Brazil). Brazil Mortality information System: Deaths 2018. Role Baneto, Country 2008. Vital registration Country 2009. Role Baneto, Brazil Ministry of Health (Brazil). Brazil Mortality information System: Deaths 2014. Country 2009. 2015. Vital registration and the Caribbean. 2015. Big 2016. Role Care Country 2009. Role Baneto, Brazil Mortality information System: Deaths 2014. Country 2009. 2016. Scientific Breature HIV/AIDS 4009. Role Brazil Mortality information System: Deaths 2014. Country 2009. 2016. Scientific Breature HIV/AIDS 4009. Role Brazil Mortality information System: Deaths 2014. Country 2009. 2016. Scientific Breature Rivoral Role Brazil Mortality information System: Deaths 2014. Country 2009. 2016. Scientific Breature HIV/AIDS 4009. Role Brazil Mortality information System: Deaths 2014. Country 2014. Vital registration and the Caribbean. 2015; 31(5):16-18. Scientific Breature Rivoral Role Brazil Mortality of Health Role Role Role Role Role Role Role Role	HIV/AIDS		Country	2007	Vital registration
Ministry of Health (Brazil). Brazil Mortality Information System - Deaths (2008. Bio de Janeto, Brazil Mortality For Health (Brazil). Brazil Mortality Information System - Deaths (2015.  Country 2008. Vital registration Country 2008. Wital registration Carrieving Fig. Mortality Formation System - Deaths 2015.  Country 2008. Vital registration Country 2008. Wital registration Carrieving Fig. Mortality Formation System - Deaths 2015.  Novi Mr. Pape JW, Padget D, Madero S, Coluzzo E, McGowan CC, Shepherd BE, Mortality and loss to follows among New Health (Brazil). Brazil Mortality Information System - Deaths 2014.  Tubol SH, Shecker M, McGowan CC, Cearer K, Krolewesker C, Achin P, World MR. Pape JW, Padget D, Madero S, Goluzzo E, Mays DR, Shepherd BE, Mortality during the first year of potent anterview alter pays in 1th Shepherd BE. Mortality during the first year of potent anterview alter pays in 1th Shepherd BE. Mortality during the first year of potent anterview alter pays in 1th Shepherd BE. Mortality during the first year of potent anterview alter pays in 1th Shepherd BE. Mortality during the first year of potent anterview alter pays in 1th Shepherd BE. Mortality during the first year of potent anterview alter pays in 1th Shepherd BE. Mortality during the first year of potent anterview and the Caribbean. 2009; 5(15):615-23.  NIV/ADS Carabona. 2015; 5(15):615-23.  NIV/ADS BERGE ST, 155-65.  RESPONSIBILITY (St. Pape W. Company of the Shepherd BE. Mortality information System - Deaths 2013. Rio de Janeto. 2000-2008. Scientific literature and anterview and the pays programmes in lower iscome countries. 2013. Rio de Janeto. 2014; 727-727-727-727-727-727-727-727-727-727		Ministry of Health (Brazil). Brazil Mortality Information System - Deaths 1984. Rio de Janeiro,			
Intri/AIDS	HIV/AIDS		Country	1984	Vital registration
Carriquiny C, Fine V, Koche JR, Gigant MJ, Jayahniake K, Blevin M, Cahn P, Crincateja B, Wolff M, Page JP, Pagetget T, Dadro S, Gouzzo E, Microwan CC, Supher BE, Moratily and loss to follow-up among HIV-infected persons on long-term antertroviral therapy in Latin America and the Caribbean. 2015 15:18-2016. HIV/ADS Ministry of Health (Brazil) Brazil Mortality information System - Deaths 2014. Tubed's S, Colester B, McGowan CC, Ceare C, Verdewecki A, Cahn P, Wolff MP, Pape IW, Paget MP, Walder OS, Gouzzo E, Mays SB, Shipherd BE. Mortality during the first year of and the Caribbean and State Caribbean		Brazil: Ministry of Health (Brazil).	Country		
Worlf M. Pape IV, Padgett D. Madero S. Gottuzo E. McCowan CC. Shepherd BE. Mortality and loss to Globbury among the Princeted persons on long erem antirectorise threapy in Latin America and the Caribbean. 2015; 18: 2010.6   Ministry of Health (Brazil) Erad Mortality information System - Deaths 2014.   Country 2014   Vital registration Wital Pape IV.	HIV/AIDS		Country	2015	Vital registration
HIV/AIDS   America and the Caribbean. 2015; 18: 2016.   2006.   2006.   2014   Vital registration   Vital regist		Wolff M, Pape JW, Padgett D, Madero JS, Gotuzzo E, McGowan CC, Shepherd BE. Mortality			
HIV/AIDS  Ministry of Health (Razal). Brazil Mortality (Information System - Deaths 2014.  Vibol 194, Schechter M, McGowan CC, Eard, Kystowicki A, Cahn P, Wolff M, Pape JW, Padget D, Madero IS, Cotuzzo E, Masys RD, Shepherd BE. Mortality during the first year of potent antirectroviral therapy in INI-1 infected patients in 7 sites throughout Latin America.  HIV/AIDS  And the Caribbean. 2009; 51(5): 615-723.  Hunter R, Vaguez-Mora G, Quiava-Jones A, Adomahoh N, Peter Figueroa J, Liautaud B, Torres M, Pape JW. Long-term antirectroviral therapy and the Caribbean. 2012; 59(4): e601.  Reser O, May M, Spring E, Egger M, Anglaret X, ART-LINC, IEECA Early loss of HIV-Infected patients on potent antirectroviral therapy programmes in lower-income countries. 2008.  RESERVING AND STAN STAN STAN STAN STAN STAN STAN STAN	HIV/AIDS			2000-2014	Scientific literature
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HIV/AIDS resulting in other diseases	and loss to follow-up among HIV-infected persons on long-term antiretroviral therapy in Latin America and the Caribbean 2015; 18: 20016.		2000-2014	Scientific literature
HIV/AIDS resulting in other diseases	Ministry of Health (Brazil). Brazil Mortality Information System - Deaths 2015.	Country	2015	Vital registration
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Diarrheal diseases	Fagundes-Neto U, Linhares AC. Rotavirus subgroups, G serotypes, and electrophoretypes in cases of nosocomial infantile diarrhoea in Belém, Brazil 1999; 45(2): 81-6.		1992-1994	Scientific literature
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Diarrheal diseases	strains from hospitalized and outpatient children with acute diarrhoea in São Paulo, Brazil 2004; 74(1): 166-72.		1994-1995	Scientific literature
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	Genotypic and phenotypic analysis of diarrheagenic Escherichia coli strains isolated from			
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Sauer KT, McClelland KE. Prospective study of diarrheal illnesses in northeastern Brazil:			
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	Schistosomiasis	Schistosomiasis. London, United Kingdom: London School of Hygiene and Tropical Medicine.	Global	1995-2005	Estimate
SCRISCOSORIIJASS   Prevalence Estimates.   Global   1990-2016   Modeled data	Cablatanasalasia			4000 0	**- * * * * * *
	Scnistosomiasis	Prevalence Estimates.	Global	1990-2016	Modeled data

	Institute for Health Metrics and Evaluation (IHME). IHME GBD Custom Model Estimates of			
Schistosomiasis	Schistosomiasis Remission.	Global	2010-2012	Modeled data
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Schistosomiasis	the examination of compressed fecal samples for Schistosoma mansoni eggs 2003; 36(4): 5037.		1998-2000	Scientific literature
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Cysticercosis	patients] 2000; 58(4): 106472.	Country	1987-1990	Scientific literature
Cysticercosis	Calcified cysticercotic lesions and intractable epilepsy: a cross sectional study of 512 patients  Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:		2003	Scientific literature
Cystic echinococcosis	Ministry of Health (Brazil).	Country	1993-1997	Administrative record
	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Cystic echinococcosis	Survey 2008-2009.	São Paulo	2002-2008	Survey
Cystic echinococcosis Cystic echinococcosis	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.  Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.		2013-2017 2008-2012	Administrative record Administrative record
Cystic echinococcosis	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of		2000-2012	Administrative record
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Cystic echinococcosis	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.	country	2003-2007	Administrative record
Cystic echinococcosis Cystic echinococcosis	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.  Cystic Echinococcosis Endemicity Estimates	Global	1998-2002 1980-2015	Administrative record Scientific literature
Cystic echinococcosis	Brazil World Health Survey 2003	Country	2002-2003	Survey
Lymphatic filariasis	Institute for Health Metrics and Evaluation (IHME). IHME GBD Custom Model Estimates of Lymphatic Filiariasis Remission.	Global	2003-2016	Modeled data
	Institute for Health Metrics and Evaluation (IHME). IHME GBD Lymphatic Filariasis DisMod			
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Lymphatic filariasis	MDA and the prospects of elimination of the lone focus of diurnally sub periodic lymphatic		2011	Scientific literature
Lymphatic filariasis	MDA and the prospects of elimination of the lone focus of diurnally sub periodic lymphatic filariasis in Nicobar Islands, India 2014; 93-7. Medeiros Z, Alves A, Brito JA, Borba L, Santos Z, Costa JP, do Espirito Santo ME, Netto MJE.		2011	Scientific literature
	MDA and the prospects of elimination of the lone focus of diurnally sub periodic lymphatic filariasis in Nicobar Islands, India. 2014; 93-7.  Medeiros Z, Alves A, Brito JA, Borba L, Santos Z, Costa JP, do Espírito Santo ME, Netto MJE. The present situation regarding lymphatic filariasis in Cabo de Santo Agostinho, Pernambuco,			
Lymphatic filariasis	MDA and the prospects of elimination of the lone focus of diurnally sub periodic lymphatic filariasis in Nicobar Islands, India 2014; 93-7. Medeiros Z, Alves A, Brito JA, Borba L, Santos Z, Costa JP, do Espirito Santo ME, Netto MJE.		2011	Scientific literature Scientific literature
	MDA and the prospects of elimination of the lone focus of diurnally sub periodic lymphatic filariasis in Nicobar Islands, India. 2014; 93-7.  Medeiros Z, Alves A, Brito JB, Borba L, Santos Z, Costa JP, do Espírito Santo ME, Netto MJE. The present situation regarding lymphatic filariasis in Cabo de Santo Agostinho, Pernambuco, Northeast Brazil. 2006; 48(5): 263-7.  Lymphatic Filariasis. London, United Kingdom: London School of Hygiene and Tropical Medicine.	Global		
Lymphatic filariasis	MDA and the prospects of elimination of the lone focus of diurnally sub periodic lymphatic filariasis in Nicobar Islands, Imdia 2014; 93-7. Medeiros Z, Alves A, Brito JA, Borba L, Santos Z, Costa JP, do Espírito Santo ME, Netto MJE. The present situation regarding lymphatic filariasis in Cabo de Santo Agostinho, Pernambuco, Northeast Brazil 2006, 48(5): 263-7. Lymphatic Filariasis. London, United Kingdom: London School of Hygiene and Tropical	Global	2000	Scientific literature
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Lymphatic filariasis	MDA and the prospects of elimination of the lone focus of diurnally sub periodic lymphatic filariasis in Nicobar Islands, India. 2014; 93-7.  Medieros Z, Alves A, Brito JA, Borba L, Santos Z, Costa JP, do Espírito Santo ME, Netto MJE. The present situation regarding lymphatic filariasis in Cabo de Santo Agostinho, Pernambuco, Northeast Brazili. 2006; 48(5): 263-7.  Lymphatic Filariasis. London, United Kingdom: London School of Hygiene and Tropical Medicine.  Survey of Bancroftian filariasis infection in humans and Culex mosquitoes in the western Brazilian Amazon region: implications for transmission and control as it appears in London	Global	2000	Scientific literature
Lymphatic filariasis Lymphatic filariasis Lymphatic filariasis	MDA and the prospects of elimination of the lone focus of diurnally sub periodic lymphatic filariasis in Nicobar Islands, India 2014; 93-7.  Medeiros Z, Alves A, Brito JA, Borba L, Santos Z, Costa JP, do Espírito Santo ME, Netto MJE. The present situation regarding lymphatic filariasis in Cabo de Santo Agostinho, Pernambuco, Northeast Brazil. 2006, 48(5): Z63-7.  Lymphatic Filariasis. London, United Kingdom: London School of Hyglene and Tropical Medicine.  Survey of Bancroftian filariasis infection in humans and Culex mosquitoes in the western Brazillian Amazon region: implications for transmission and control as it appears in London School of Hyglene and Tropical Medicine. Lymphatic Filariasis. London, United Kingdom: London School of Hyglene and Tropical Medicine. Korte RL, Fontes G, Camargo Jde S, Rocha EM, Araújo EA, Oliveira MZ, Santos RV, Camargo LM. Survey of Bancroftian filariasis infection in humans and Culex mosquitoes in the western	Global	2000 1990-2015 2008-2009	Scientific literature  Epi surveillance  Scientific literature
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Lymphatic filariasis Lymphatic filariasis Lymphatic filariasis Lymphatic filariasis	MDA and the prospects of elimination of the lone focus of diurnally sub periodic lymphatic filariasis in Nicobar Islands, India. 2014; 93-7.  Medeiros Z, Alves A, Brito JA, Borba L, Santos Z, Costa JP, do Espírito Santo ME, Netto MJE. The present situation regarding lymphatic filariasis in Cabo de Santo Agostinho, Pernambuco, Northeast Brazil. 2006; 8(8): 263-7.  Lymphatic Filariasis. London, United Kingdom: London School of Hygiene and Tropical Medicine.  Survey of Bancrofitan filariasis infection in humans and Culex mosquitoses in the western Brazillian Amazon region: implications for transmission and control as it appears in London School of Hygiene and Tropical Medicine. School of Hygiene and Tropical Medicine. School of Hygiene and Tropical Medicine. Korte RL, Fontes G, Camargo de S, Rocha EM, Araújo EA, Oliveira MZ, Santos RV, Camargo LM. Survey of Bancrofitan filariasis infection in humans and Culex mosquitoes in the western Brazillan Amazon region: implications for transmission and control. 2013; 46:0(2): 214-20.  It appears in London School of Hygiene and Tropical Medicine. Global Atlas of Helminth Infections - Lymphatic Filariasis. London, United Kingdom: London School of Hygiene and Tropical Medicine.	Global	2000 1990-2015 2008-2009 2008-2009	Scientific literature Epi surveillance Scientific literature Scientific literature
Lymphatic filariasis Lymphatic filariasis Lymphatic filariasis	MDA and the prospects of elimination of the lone focus of diurnally sub periodic lymphatic filariasis in Nicobar Islands, India. 2014; 93-7.  Medeiros Z, Alves A, Brito JA, Borba I, Santos Z, Costa JP, do Espirito Santo ME, Netto MJE. The present situation regarding lymphatic filariasis in Cabo de Santo Agostinho, Pernambuco, Northeast Brazil. 2006; 48(5): Z63-7.  Lymphatic Filariasis. London, United Kingdom: London School of Hyglene and Tropical Medicine.  Survey of Bancroftian filariasis infection in humans and Culex mosquitoes in the western Brazilian Amazon region: implications for transmission and control as it appears in London School of Hyglene and Tropical Medicine. Global Attas of Helminth Infections - Lymphatic Filariasis. London, United Kingdom: London School of Hyglene and Tropical Medicine. Korte Rt, Fontes G, Camargo Jde S, Rocha EM, Araújo EA, Diliverla MZ, Santos RV, Camargo LM. Survey of Bancroftian filariasis infection in humans and Culex mosquitoes in the western Brazilian Amazon region: implications for transmission and control. 2013; 46 (02): 214-20. It appears in London School of Hygiene and Tropical Medicine. Global Attas of Helminth Infections - Lymphatic Filariasis. London, United Kingdom: London School of Hygiene and Tropical Medicine.	Global	2000 1990-2015 2008-2009	Scientific literature  Epi surveillance  Scientific literature
Lymphatic filariasis Lymphatic filariasis Lymphatic filariasis Lymphatic filariasis	MDA and the prospects of elimination of the lone focus of diurnally sub periodic lymphatic filariasis in Nicobar Islands, India. 2014; 93-7.  Medeiros Z, Alves A, Brito JA, Borba L, Santos Z, Costa JP, do Espírito Santo ME, Netto MJE. The present situation regarding lymphatic filariasis in Cabo de Santo Agostinho, Pernambuco, Northeast Brazil. 2006; 8(8): 263-7.  Lymphatic Filariasis. London, United Kingdom: London School of Hygiene and Tropical Medicine.  Survey of Bancrofitan filariasis infection in humans and Culex mosquitoses in the western Brazillian Amazon region: implications for transmission and control as it appears in London School of Hygiene and Tropical Medicine. School of Hygiene and Tropical Medicine. School of Hygiene and Tropical Medicine. Korte RL, Fontes G, Camargo de S, Rocha EM, Araújo EA, Oliveira MZ, Santos RV, Camargo LM. Survey of Bancrofitan filariasis infection in humans and Culex mosquitoes in the western Brazillan Amazon region: implications for transmission and control. 2013; 46:0(2): 214-20.  It appears in London School of Hygiene and Tropical Medicine. Global Atlas of Helminth Infections - Lymphatic Filariasis. London, United Kingdom: London School of Hygiene and Tropical Medicine.	Global	2000 1990-2015 2008-2009 2008-2009	Scientific literature Epi surveillance Scientific literature Scientific literature

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Lymphatic filariasis	Fontes G, Rocha EM, Brito AC, Antunes CM. Lymphatic filariasis in Brazilian urban area (Maceió, Alagoas) 1998; 93(6): 705-10.		1992-1995	Scientific literature
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Lymphatic filariasis	Infections - Lymphatic Filariasis. London, United Kingdom: London School of Hygiene and Tropical Medicine.		1993	Scientific literature
Lymphatic filariasis	urban areas of Alagoas State, Northeast Brazil: study in the general population] 2000; 33(6): 545-51.		1997-1999	Scientific literature
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Lymphatic filariasis	Medicine.		2000-2002	Scientific literature
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Lymphatic filariasis	Tropical Medicine. [Evaluation of a social and environmental indicator used in the identification of lymphatic		1980-2003	Scientific literature
	filariasis transmission in urban centers] as it appears in London School of Hygiene and Tropical			
Lymphatic filariasis	Medicine. Global Atlas of Helminth Infections - Lymphatic Filariasis. London, United Kingdom: London School of Hygiene and Tropical Medicine.		1996-2001	Scientific literature
	as it appears in London School of Hygiene and Tropical Medicine. Global Atlas of Helminth Infections - Lymphatic Filariasis. London, United Kingdom: London School of Hygiene and			
Lymphatic filariasis	Tropical Medicine.		1991-2000	Scientific literature
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Trachoma	Blindness 2004. Grootebroek, Netherlands: RAAB Repository.	São Paulo	2003	Survey
Trachoma	World Health Organization (WHO). WHO Global Health Observatory - Population Living in Trachoma Endemic Areas. Geneva, Switzerland: World Health Organization (WHO).	Global	2007-2012	Estimate
Trachoma	Carter Center, International Trachoma Initiative, London School of Hygiene and Tropical Medicine. Global Atlas of Trachoma. Decatur, United States: International Trachoma Initiative.	Global	2013	Estimate
	Pan American Health Organization (PAHO). Number of Reported Cases of Dengue and Dengue			
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	Pan American Health Organization (PAHO). Number of Reported Cases of Dengue and Severe Dengue (SD) in the Americas, by Country 2014. Washington, D.C., United States: Pan American			
Dengue Dengue	Health Organization (PAHO), 2015. Ministry of Health (Brazil). Brazil Information System for Notifiable Diseases 2009.	Global Country	2014 2009	Epi surveillance Epi surveillance
Deligue	Pan American Health Organization (PAHO). Number of Reported Cases of Dengue and Severe	Country	2009	Epi sui veillance
Dengue	Dengue (DS) in the Americas, by Country 2013. Washington, D.C., United States: Pan American Health Organization (PAHO), 2014.	Global	2013	Epi surveillance
_	Pan American Health Organization (PAHO). Number of Reported Cases of Dengue and Severe			·
Dengue	Dengue (DS) in the Americas, by Country 2012. Washington, D.C., United States: Pan American Health Organization (PAHO), 2013.	Global	2012	Epi surveillance
	Pan American Health Organization (PAHO). Number of Reported Cases of Dengue and Severe Dengue (DS) in the Americas, by Country 2011. Washington, D.C., United States: Pan American			
Dengue	Health Organization (PAHO), 2012. Pan American Health Organization (PAHO). Number of Reported Cases of Dengue and Severe	Global	2011	Epi surveillance
	Dengue (DS) in the Americas, by Country 2010. Washington, D.C., United States: Pan American			
Dengue	Health Organization (PAHO), 2011.  Pan American Health Organization (PAHO). Number of Reported Cases of Dengue and Severe	Global	2010	Epi surveillance
Dengue	Dengue (DS) in the Americas, by Country 2009. Washington, D.C., United States: Pan American Health Organization (PAHO), 2010.	Global	2009	Epi surveillance
Sengue	Pan American Health Organization (PAHO). Number of Reported Cases of Dengue and Severe	Glongi	2009	cpi sui venidnce
Dengue	Dengue (DS) in the Americas, by Country 2008. Washington, D.C., United States: Pan American Health Organization (PAHO), 2009.	Global	2008	Epi surveillance
	Pan American Health Organization (PAHO). Number of Reported Cases of Dengue and Dengue Hemorrhagic Fever (DHF) in the Americas, by Country 2007. Washington, D.C., United States:			
Dengue	Pan American Health Organization (PAHO), 2008.	Global	2007	Epi surveillance
	Pan American Health Organization (PAHO). Number of Reported Cases of Dengue and Dengue Hemorrhagic Fever (DHF) in the Americas, by Country 2006. Washington, D.C., United States:			
Dengue	Pan American Health Organization (PAHO), 2007.  Pan American Health Organization (PAHO). Number of Reported Cases of Dengue and Dengue	Global	2006	Epi surveillance
	Hemorrhagic Fever (DHF) in the Americas, by Country 2005. Washington, D.C., United States:			
Dengue	Pan American Health Organization (PAHO), 2006.	Global	2005	Epi surveillance
	World Health Organization (WHO). WHO DengueNet. Geneva, Switzerland: World Health		1	
Dengue	World Health Organization (WHO). WHO DengueNet. Geneva, Switzerland: World Health Organization (WHO).  Secretariat of Health Surveillance, Ministry of Health (Brazil). Brazil Dengue Incidence Rate—	Global	1988-2002	Epi surveillance

	Pan American Health Organization (PAHO). Number of Reported Cases of Dengue and Dengue Hemorrhagic Fever (DHF) in the Americas, by Country 2004. Washington, D.C., United States:			
Dengue	Pan American Health Organization (PAHO), 2005.	Global	2004 2008	Epi surveillance Epi surveillance
Dengue Dengue	Ministry of Health (Brazil). Brazil Information System for Notifiable Diseases 2008.  Ministry of Health (Brazil). Brazil Information System for Notifiable Diseases 2007.	Country	2008	Epi surveillance
Vallou fovor	WHO Department of Communicable Disease Surveillance and Response. WHO Report on	Country	1000 1001	Eni cunucillanco
Yellow fever Yellow fever	Global Surveillance of Epidemic-prone Infectious Diseases 2000.  Yellow fever in Africa and South America, 2007 - Weekly Epidemiological Record 2009	Country	1980-1981 2007	Epi surveillance Epi surveillance
Yellow fever	Yellow fever in Africa and South America, 2006 - Weekly Epidemiological Record 2008	Country	2006	Epi surveillance
	Vasconcelos PF, Costa ZG, Travassos Da Rosa ES, Luna E, Rodrigues SG, Barros VL, Dias JP, Monteiro HA, Oliva OF, Vasconcelos HB, Oliveira RC, Sousa MR, Barbosa Da Silva J, Cruz AC,			
	Martins EC, Travassos Da Rosa JF. Epidemic of jungle yellow fever in Brazil, 2000: implications			
Yellow fever	of climatic alterations in disease spread 2001; 598-604.  Barros VL, Da Rosa AP. An epidemic of sylvatic yellow fever in the southeast region of		2000	Scientific literature
	Maranhao State, Brazil, 1993-1994: epidemiologic and entomologic findings 1997; 57(2):			
Yellow fever Yellow fever	132-7. Vasconcelos PF da C. Febre amarela 2003; 36(2): 275-93.	Maranhão	1993 1982-1998	Scientific literature Scientific literature
Tellow level	UNICEF Reported Disease Incidence Time Series. Geneva, Switzerland: World Health		1302-1330	Scientific literature
Yellow fever	Organization (WHO).	Global	1990-2015	Epi surveillance
Intestinal nematode infections	Global numbers of infection and disease burden of soil transmitted helminth infections in 2010 [Unpublished data]	Global	1990-2010	Scientific literature
	World Health Organization (WHO). WHO PCT Databank - Soil-transmitted Helminthiases.			
Intestinal nematode infections	Geneva, Switzerland: World Health Organization (WHO).  Global numbers of infection and disease burden of soil transmitted helminth infections in 2010	Global	2003-2015	Estimate
Ascariasis	[Unpublished data]	Global	1990-2010	Scientific literature
Trichuriasis	Global numbers of infection and disease burden of soil transmitted helminth infections in 2010 [Unpublished data]	Global	1990-2010	Scientific literature
Trending)	Global numbers of infection and disease burden of soil transmitted helminth infections in 2010	Global	1330 2010	Scientific interactore
Hookworm disease	[Unpublished data]	Global	1990-2010	Scientific literature
Leprosy Leprosy	Leprosy - Global situation - Weekly Epidemiological Record 2000 Leprosy - Weekly Epidemiological Record 2001	Global	1999 2000	Epi surveillance Epi surveillance
Leprosy	Global leprosy situation, September 1999 - Weekly Epidemiological Record 1999	Global	1998	Epi surveillance
Leprosy	Progress towards eliminating leprosy as a public health problem. Part I - Weekly Epidemiological Record 1994	Global	1993	Epi surveillance
Leprosy	Ministry of Health (Brazil). Brazil Information System for Notifiable Diseases - Leprosy.	Country	2001-2012	Epi surveillance
Leprosy	Progress towards leprosy elimination - Weekly Epidemiological Record 1997	Global	1996	Epi surveillance
Leprosy	Progress towards the elimination of leprosy as a public health problem. Part I - Weekly Epidemiological Record 1995	Global	1994	Epi surveillance
	Progress towards the elimination of leprosy as a public health problem - Weekly			
Leprosy	Epidemiological Record 1996 Progress towards the elimination of leprosy as a public health problem - Weekly	Global	1995	Epi surveillance
Leprosy	Epidemiological Record 1993	Country	1992	Epi surveillance
7ika virus	Ministry of Health (Brazil). Brazil Epidemiological Situation - Zika Data. Rio de Janeiro, Brazil:	Country	2016	Eni survoillance
Zika virus	Ministry of Health (Brazil).  Pan American Health Organization (PAHO), World Health Organization (WHO). Cumulative	Country	2010	Epi surveillance
	Zika Confirmed and Suspected Cases Reported by Countries and Territories in the Americas			
Zika virus	2015-2016, Updated as of February 12, 2016. Washington, D.C., United States: Pan American Health Organization (PAHO), 2016.		2015	Epi surveillance
	dos Santos T, Rodriguez A, Almiron M, Sanhueza A, Ramon P, de Oliveira WK, Coelho GE,			
	Badaró R, Cortez J, Ospina M, Pimentel R, Masis R, Hernandez F, Lara B, Montoya R, Jubithana B, Melchor A, Alvarez A, Aldighieri S, Dye C, Espinal MA. Zika Virus and the GuillainBarré			
Zika virus	Syndrome (Case Series from Seven Countries 2016; 375(16): 1598 <b>6</b> 01.		2015	Scientific literature
	Pan American Health Organization (PAHO), World Health Organization (WHO). Zika Cases and			
	Congenital Syndrome Associated with Zika Virus, Reported by Countries and Territories in the Americas 2015-2016. Washington, D.C., United States: Pan American Health Organization			
Zika virus	(PAHO), 2016.	Country	2015-2016	Epi surveillance
Zika virus	Ministry of Health (Brazil). Epidemiology Report 2016 No. 18-57, Monitoring the Cases of Microcephaly in Brazil, Weeks 1-50. Rio de Janeiro, Brazil: Ministry of Health (Brazil), 2016.	Country	2015-2016	Epi surveillance
Zika vii us	Galvão LPL, Alvim-Pereira F, de Mendonça CMM, Menezes FEF, Góis KA do N, Ribeiro RF,	Country	2013-2010	Epi sui veinance
	Gurgel RQ. The prevalence of severe maternal morbidity and near miss and associated factors			
Maternal disorders	in Sergipe, Northeast Brazil 2014; 25.  Rocha Filho EA, Costa ML, Cecatti JG, Parpinelli MA, Haddad SM, Sousa MH, Melo EF, Surita		2011-2012	Scientific literature
	FG, Souza JP, Brazilian Network for Surveillance of Severe Maternal Morbidity Study Group.			
Maternal disorders	Contribution of antepartum and intrapartum hemorrhage to the burden of maternal near miss and death in a national surveillance study 2015; 94(1): 508.		2009-2010	Scientific literature
Waternal disorders	Amaral E, Souza JP, Surita F, Luz AG, Sousa MH, Cecatti JG, Campbell O. A population-based		2003-2010	Scientific literature
Manager of Manager	surveillance study on severe acute maternal morbidity (near-miss) and adverse perinatal outcomes in Campinas, Brazil: the Vigimoma Project 2011; 11: 9.		2005	Calanaldia lianna
Maternal disorders	Galvão LPL, Alvim-Pereira F, de Mendonça CMM, Menezes FEF, Góis KA do N, Ribeiro RF,		2005	Scientific literature
	Gurgel RQ. The prevalence of severe maternal morbidity and near miss and associated factors			
Maternal hemorrhage	in Sergipe, Northeast Brazil 2014; 25. Rocha Filho EA, Costa ML, Cecatti JG, Parpinelli MA, Haddad SM, Sousa MH, Melo EF, Surita		2011-2012	Scientific literature
	FG, Souza JP, Brazilian Network for Surveillance of Severe Maternal Morbidity Study Group.			
Managed by an arrival	Contribution of antepartum and intrapartum hemorrhage to the burden of maternal near		2009-2010	Calandifia libanatura
Maternal hemorrhage	miss and death in a national surveillance study 2015; 94(1): 508.  Amaral E, Souza JP, Surita F, Luz AG, Sousa MH, Cecatti JG, Campbell O. A population-based		2009-2010	Scientific literature
	surveillance study on severe acute maternal morbidity (near-miss) and adverse perinatal			
Maternal hemorrhage	outcomes in Campinas, Brazil: the Vigimoma Project 2011; 11: 9.  Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:		2005	Scientific literature
Maternal sepsis and other maternal infections	Ministry of Health (Brazil).	Country	1993-1997	Administrative record
Maternal sepsis and other maternal infections	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012. Institute for Health Metrics and Evaluation (IHME). IHME GBD DisMod Maternal Live Birth		2008-2012	Administrative record
Maternal sepsis and other maternal infections	Institute for Health Metrics and Evaluation (IHME). IHME GBD DISMOD Maternal Live Birth Adjusted Estimates.	Global	1990-2016	Modeled data
	Madeiro AP, Rufino AC, Lacerda EZ, Brasil LG. Incidence and determinants of severe maternal			
Maternal sepsis and other maternal infections	morbidity: a transversal study in a referral hospital in Teresina, Piaui, Brazil 2015; 15: 210.  Morse ML, Fonseca SC, Gottgtroy CL, Waldmann CS, Gueller E. Severe maternal morbidity and		2012-2013	Scientific literature
Maternal sepsis and other maternal infections	near misses in a regional reference hospital 2011; 14(2): 310-22.		2009	Scientific literature
	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health			
Maternal sepsis and other maternal infections	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health Survey 2008-2009.	São Paulo	2002-2008	Survey
	Amaral E, Souza JP, Surita F, Luz AG, Sousa MH, Cecatti JG, Campbell O. A population-based			
Maternal sepsis and other maternal infections	surveillance study on severe acute maternal morbidity (near-miss) and adverse perinatal outcomes in Campinas, Brazil: the Vigimoma Project 2011; 11: 9.		2005	Scientific literature
Maternal sepsis and other maternal infections	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.		1998-2002	Administrative record
Maternal sepsis and other maternal infections	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.  Brazilian Institute of Geography and Statistics (IRGE). Ministry of Health (Brazil). Ministry of		2003-2007	Administrative record
	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
Maternal sepsis and other maternal infections	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Maternal sepsis and other maternal infections  Maternal sepsis and other maternal infections	Brazil World Health Survey 2003  Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.	Country	2002-2003	Survey Administrative record
,	Amaral E, Souza JP, Surita F, Luz AG, Sousa MH, Cecatti JG, Campbell O. A population-based			
Maternal hypertensive disorders	surveillance study on severe acute maternal morbidity (near-miss) and adverse perinatal outcomes in Campinas, Brazil: the Vigimoma Project 2011; 11: 9.		2005	Scientific literature
Maternal hypertensive disorders  Maternal hypertensive disorders	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.		2003-2007	Administrative record
Maternal hypertensive disorders	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.		2013-2017	Administrative record
	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
Maternal hypertensive disorders	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
	Galvão LPL, Alvim-Pereira F, de Mendonça CMM, Menezes FEF, Góis KA do N, Ribeiro RF, Gurgel RQ. The prevalence of severe maternal morbidity and near miss and associated factors			
Maternal hypertensive disorders	in Sergipe, Northeast Brazil 2014; 25.		2011-2012	Scientific literature
Maternal hypertensive disorders	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.		2008-2012	Administrative record
Maternal hypertensive disorders	Morse ML, Fonseca SC, Gottgtroy CL, Waldmann CS, Gueller E. Severe maternal morbidity and near misses in a regional reference hospital 2011; 14(2): 310-22.		2009	Scientific literature
	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health			
Maternal hypertensive disorders	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health Survey 2008-2009.	São Paulo	2002-2008	Survey
		Sao raulo	2002-2008	Juivey

Maternal hypertensive disorders	Madeiro AP, Rufino AC, Lacerda EZ, Brasil LG. Incidence and determinants of severe maternal morbidity: a transversal study in a referral hospital in Teresina, Piaui, Brazil 2015; 15: 210.		2012-2013	Scientific literatur
waterial hypertensive asoraers	Giordano JC, Parpinelli MA, Cecatti JG, Haddad SM, Costa ML, Surita FG, Pinto E Silva JL, Sousa		2012 2013	Scientific incided
Maternal hunortonskip disardors	MH. The burden of eclampsia: results from a multicenter study on surveillance of severe maternal morbidity in Brazil 2014; 9(5): e97401.		2009-2010	Scientific literatur
Maternal hypertensive disorders	Institute for Health Metrics and Evaluation (IHME). IHME GBD DisMod Maternal Live Birth		2009-2010	Scientific literatur
Maternal hypertensive disorders	Adjusted Estimates.	Global	1990-2016	Modeled data
	Souza JP, Cecatti JG, Faundes A, Morais SS, Villar J, Carroli G, Gulmezoglu M, Wojdyla D, Zavaleta N, Donner A, Velazco A, Bataglia V, Valladares E, Kublickas M, Acosta A. Maternal			
Maternal hunortonskip disardors	near miss and maternal death in the World Health Organization's 2005 global survey on		2005	Calantific literatus
Maternal hypertensive disorders	maternal and perinatal health 2010; 88(2): 113-9.  Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:		2005	Scientific literatur
Maternal hypertensive disorders	Ministry of Health (Brazil).	Country	1993-1997	Administrative rec
	Zanette E, Parpinelli MA, Surita FG, Costa ML, Haddad SM, Sousa MH, E Silva JLP, Souza JP, Cecatti JG, Brazilian Network for Surveillance of Severe Maternal Morbidity Group. Maternal			
	near miss and death among women with severe hypertensive disorders: a Brazilian			
Maternal hypertensive disorders	multicenter surveillance study 2014; 11(1): 4.  Vogel JP, Lee ACC, Souza JP. Maternal morbidity and preterm birth in 22 low- and middle-		2009-2010	Scientific literatu
Maternal hypertensive disorders	income countries: a secondary analysis of the WHO Global Survey dataset 2014; 56.		2004-2005	Scientific literatu
Maternal hypertensive disorders	Brazil World Health Survey 2003	Country	2002-2003	Survey
Maternal hypertensive disorders  Maternal abortion, miscarriage, and ectopic	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.  Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:		1998-2002	Administrative rec
pregnancy	Ministry of Health (Brazil).	Country	1993-1997	Administrative rec
Maternal abortion, miscarriage, and ectopic	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
pregnancy	Survey 2008-2009.	São Paulo	2002-2008	Survey
Maternal abortion, miscarriage, and ectopic pregnancy	Madeiro AP, Rufino AC, Lacerda EZ, Brasil LG. Incidence and determinants of severe maternal morbidity: a transversal study in a referral hospital in Teresina, Piaui, Brazil 2015; 15: 210.		2012-2013	Scientific literatu
Maternal abortion, miscarriage, and ectopic	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.		1998-2002	Administrative rec
Maternal abortion, miscarriage, and ectopic	Brazil World Health Survey 2003	Country	2002-2003	Survey
Maternal abortion, miscarriage, and ectopic	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
pregnancy	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Maternal abortion, miscarriage, and ectopic  Maternal abortion, miscarriage, and ectopic	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.  Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.		2013-2017	Administrative rec
Maternal abortion, miscarriage, and ectopic  Maternal abortion, miscarriage, and ectopic	Santos TF, Andreoni S, de Souza e Silva R. Prevalence and characteristics of women with			
pregnancy	induced abortionFavela México 70, São Vicente-São Paulo 2012; 15(1): 123-33.		2008	Scientific literatu Administrative rec
Maternal abortion, miscarriage, and ectopic	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.  Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of		2008-2012	Auministrative rec
	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			_
Neonatal preterm birth complications	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).  Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health	Country	2013-2014	Survey
	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Neonatal preterm birth complications Neonatal preterm birth complications	Survey 2008-2009. Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.	São Paulo	2002-2008 2003-2007	Survey Administrative red
Neonatar preterm birth complications	Ministry of Health (Brazil). Brazil DATASUS TABNET Vital Statistics Live Births 1996. Rio de		2003-2007	Administrative rec
Neonatal preterm birth complications	Janeiro, Brazil: Ministry of Health (Brazil).	Country	1996	Vital registratio
Neonatal preterm birth complications	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.  Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:		2008-2012	Administrative rec
Neonatal preterm birth complications	Ministry of Health (Brazil).	Country	1993-1997	Administrative red
Neonatal preterm birth complications Neonatal preterm birth complications	Brazil World Health Survey 2003 Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.	Country	2002-2003	Survey Administrative red
Neonatal preterm birth complications	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.		1998-2002	Administrative red
	Straughn HK, Goldenberg RL, Tolosa JE, Daly S, de Codes J, Festin MR, Limpongsanurak S, Lumbiganon P, Paul VK, Peedicayil A, Purwar M, Sabogal JC, Shenoy S. Birthweight-specific			
Neonatal preterm birth complications	neonatal mortality in developing countries and obstetric practices 2003; 80(1): 71-8.		2003	Scientific literatu
	Ministry of Health (Brazil). Brazil DATASUS TABNET Vital Statistics (Live Births 2000. Rio de			
Neonatal preterm birth complications	Janeiro, Brazil: Ministry of Health (Brazil).  Ministry of Health (Brazil). Brazil DATASUS TABNET Vital Statistics (Live Births 1997. Rio de	Country	2000	Vital registratio
Neonatal preterm birth complications	Janeiro, Brazil: Ministry of Health (Brazil).	Country	1997	Vital registratio
Neonatal preterm birth complications	Ministry of Health (Brazil). Brazil DATASUS TABNET Vital Statistics Live Births 2004. Rio de Janeiro, Brazil: Ministry of Health (Brazil).	Country	2004	Vital registratio
	Neonatal Units in Rio de Janeiro: Screening Criteria and Workload Implications 2010; 126(2):	,		
Neonatal preterm birth complications	e410-e417.  Ministry of Health (Brazil). Brazil DATASUS TABNET Vital Statistics Live Births 2012. Rio de		2005	Scientific literatu
Neonatal preterm birth complications	Janeiro, Brazil: Ministry of Health (Brazil).	Country	2012	Vital registratio
Non-actal acctange blokk according to	Ministry of Health (Brazil). Brazil DATASUS TABNET Vital Statistics (Live Births 2002. Rio de	Country	2002	Vital registratio
Neonatal preterm birth complications	Janeiro, Brazil: Ministry of Health (Brazil).  Filho JBF, Eckert GU, Procianoy L, Barros CK, Procianoy RS. Incidence and risk factors for	Country	2002	vitai registratio
	retinopathy of prematurity in very low and in extremely low birth weight infants in a unit-			
Neonatal preterm birth complications	based approach in southern Brazil 2007; 23(1): 25-30.  Ministry of Health (Brazil). Brazil DATASUS TABNET Vital Statistics Live Births 2005. Rio de		2004	Scientific literatu
Neonatal preterm birth complications	Janeiro, Brazil: Ministry of Health (Brazil).	Country	2005	Vital registration
Neonatal preterm birth complications	Ministry of Health (Brazil). Brazil DATASUS TABNET Vital Statistics (Live Births 2006. Rio de Janeiro, Brazil: Ministry of Health (Brazil).	Country	2006	Vital registratio
Neonatar preterm birth complications	Ministry of Health (Brazil). Brazil DATASUS TABNET Vital Statistics Live Births 2007. Rio de	Country	2006	vitarregistratio
Neonatal preterm birth complications	Janeiro, Brazil: Ministry of Health (Brazil).	Country	2007	Vital registration
Neonatal preterm birth complications	Graziano RM, Leone CR, Cunha SL, Pinheiro AC. [Prevalence of retinopathy of prematurity in very low birth weight infants] 1996; 73(6): 377-82.		1993	Scientific literatu
	Ministry of Health (Brazil). Brazil DATASUS TABNET Vital Statistics (Live Births 2001. Rio de			
Neonatal preterm birth complications	Janeiro, Brazil: Ministry of Health (Brazil).  Ministry of Health (Brazil). Brazil DATASUS TABNET Vital Statistics (Live Births 2008. Rio de	Country	2001	Vital registratio
Neonatal preterm birth complications	Janeiro, Brazil: Ministry of Health (Brazil).	Country	2008	Vital registratio
Naonatal protorm hirth complications	Ministry of Health (Brazil). Brazil DATASUS TABNET Vital Statistics (Live Births 1998. Rio de Janeiro, Brazil: Ministry of Health (Brazil).	Country	1000	Vital registratio
Neonatal preterm birth complications	Janeiro, Brazii: Ministry of Health (Brazil).  Ministry of Health (Brazil). Brazil DATASUS TABNET Vital Statistics (Live Births 1999. Rio de	Country	1998	vicai registratio
Neonatal preterm birth complications	Janeiro, Brazil: Ministry of Health (Brazil).	Country	1999	Vital registratio
Neonatal preterm birth complications	Ministry of Health (Brazil). Brazil DATASUS TABNET Vital Statistics Œive Births 2009. Rio de Janeiro, Brazil: Ministry of Health (Brazil).	Country	2009	Vital registratio
	Ministry of Health (Brazil). Brazil DATASUS TABNET Vital Statistics Live Births 2010. Rio de			
Neonatal preterm birth complications	Janeiro, Brazil: Ministry of Health (Brazil).  Ministry of Health (Brazil). Brazil DATASUS TABNET Vital Statistics (Live Births 2011. Rio de	Country	2010	Vital registration
Neonatal preterm birth complications	Janeiro, Brazil: Ministry of Health (Brazil).	Country	2011	Vital registratio
Naonatal protorm birth complications	Ministry of Health (Brazil). Brazil DATASUS TABNET Vital Statistics (Live Births 2003. Rio de Janeiro, Brazil: Ministry of Health (Brazil).	Country	2003	Vital registratio
Neonatal preterm birth complications	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of	Country	2003	vicai registratio
Neonatal encephalopathy due to birth asphyxia and trauma	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de	Country	2013-2014	Contract
and trauma Neonatal encephalopathy due to birth asphyxia	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).  Brazil World Health Survey 2003	Country	2013-2014	Survey
Neonatal encephalopathy due to birth asphyxia	Da Silva LFG, Höefel Filho JR, Anés M, Nunes ML. Prognostic value of 1H-MRS in neonatal	,		
and trauma	encephalopathy 2006; 34(5): 360-6. Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health		2003-2004	Scientific literatu
Neonatal encephalopathy due to birth asphyxia	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
and trauma	Survey 2008-2009.	São Paulo	2002-2008	Survey
	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
Neonatal sepsis and other neonatal infections	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Neonatal sepsis and other neonatal infections	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.  Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:		1998-2002	Administrative re
Neonatal sepsis and other neonatal infections	Ministry of Health (Brazil).	Country	1993-1997	Administrative re
Neonatal sepsis and other neonatal infections	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.		2003-2007	Administrative re
Neonatal sepsis and other neonatal infections Neonatal sepsis and other neonatal infections	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.  Brazil World Health Survey 2003	Country	2013-2017 2002-2003	Administrative re- Survey
	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health	·		
	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health Survey 2008-2009.	São Paulo	2002-2008	Survey
Neonatal sepsis and other neonatal infections				

	Institute for Health Metrics and Evaluation (IHME). IHME GBD DisMod Neonatal Hemolytic			
Hemolytic disease and other neonatal jaundice	Disease Excess Mortality Estimates.	Global	1990-2016	Modeled data
	Bhutani VK, Zipursky A, Blencowe H, Khanna R, Sgro M, Ebbesen F, Bell J, Mori R, Slusher TM, Fahmy N, Paul VK, Du L, Okolo AA, de Almeida MF, Olusanya BO, Kumar P, Cousens S, Lawn JE.			
Hannahala diagona and ashan annotal lavardia.	Neonatal hyperbilirubinemia and Rhesus disease of the newborn: incidence and impairment		2010	Calanalii a llannaa
Hemolytic disease and other neonatal jaundice	estimates for 2010 at regional and global levels 2013; 74(Suppl 1): 86-100. Institute for Health Metrics and Evaluation (IHME). IHME GBD 2013 DisMod model input -		2010	Scientific literature
Hemolytic disease and other neonatal jaundice	Neonatal Conditions.	Global	1990-2016	Modeled data
Hemolytic disease and other neonatal jaundice	Brazilian Society for Family Welfare (BEMFAM), Macro International, Inc. Brazil Demographic and Health Survey - Complete Birth History Data.		1982-1997	Survey
Vitamin A deficiency	[Epidemiologic Survey of xerophthalmia in the State of Paraiba] as it appears in		1981-1983	Scientific literature
Vitamin A deficiency	Clinical, Subclinical, and Epidemiological Aspects of Vitamin A Deficiency in the State of Paraíba as it appears in	Paraíba	1992	Report
Vitamin A deficiency	Brazil - Pernambuco Second State Survey of Health and Nutrition 1997 as it appears in	Pernambuco	1997	Survey
Vitamin A deficiency	Martins MC, Santos LMP, Assis AMO. [Prevalence of hypovitaminosis A among preschool children from northeastern Brazil, 1998] 2004; 38(4): 537-42.		1998	Scientific literature
	Azevedo MMS de, Cabral PC, Diniz A da S, Fisberg M, Fisberg RM, Arruda IKG de. [Vitamin A			0.1 .17 .11
Vitamin A deficiency	deficiency in preschool children of Recife, Northeast of Brazil] 2010; 60(1): 36-41.  Fogarty International Center, National Institutes of Health (NIH), Foundation for the National		2007	Scientific literature
	Institutes of Health (FNIH), National Institute of Science, Technology, and Biomedicine of Semi-			_
Iron-deficiency anemia Iron-deficiency anemia	Arid Brazil (INCT-IBISAB). Brazil - Fortaleza Malnutrition and Enteric Disease Study 2009-2014.  Zago MA, Costa FF. Hereditary haemoglobin disorders in Brazil 1985; 79(3): 385-8.	Ceará	2010-2013 1983-1985	Survey Scientific literature
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Iron-deficiency anemia Syphilis	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.		1998-2002 2013-2017	Administrative record Administrative record
Syphilis	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.  Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.		2008-2012	Administrative record
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Syphilis	Survey 2008-2009.	São Paulo	2002-2008	Survey
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	Madi JM, Souza R da S de, Araújo BF de, Oliveira Filho PF de, Rombaldi RL, Mitchell C,	Country	1995-1997	, aministrative record
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Gonococcal infection	38(10): 957-61. Institute for Health Metrics and Evaluation (IHME). IHME GBD 2015 DisMod All Causes Excess		2009	Scientific literature
Gonococcal infection	Mortality Estimates.	Global	1990-2016	Modeled data
	De Lima YAR, Turchi MD, Fonseca ZC, Garcia FLB, de Brito e Cardoso FA, da Guarda Reis MN, de Britto Guimarães EM, Alves RRF, Carvalho NR, de Fátima Costa Alves M. Sexually			
Gonococcal infection Gonococcal infection	transmitted bacterial infections among young women in Central Western Brazil 2014; 1621.  Brazil - Seroprevalence Survey of AIDS in Mental Health 2006	Country	2007-2009 2004	Scientific literature Survey
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Hepatitis B	Seroprevalence of hepatitis B and hepatitis C markers in adolescents in Southern Brazil 2011; 27(4): 753-8. De Souza NCN, Botelho CAO, Honer MR. Retrospective study of a pioneer antenatal screening			

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Hepatitis C	prevalence and risk factors analysis in pregnant women in central Brazil 1995; 90(1): 11.		1990-1992	Scientific literature
Hepatitis C	Institute for Health Metrics and Evaluation (IHME). IHME GBD 2013 DisMod model input - Hepatitis C.	Global	1990-2015	Modeled data
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Hepatitis C	hepatite B e vírus da hepatite C em indivíduos do Estado do Pará 2008; 334-7.  De Souza NCN, Botelho CAO, Honer MR. Retrospective study of a pioneer antenatal screening		2002-2005	Scientific literature
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Liver cancer due to hepatitis B	polymorphism in the MDR1 gene in patients with hepatocellular carcinoma 2012; 11(6): 899- 906.		2000-2009	Scientific literature
	Clinical and epidemiological aspects of hepatocellular carcinoma in Brazil 2010; 65(12): 1285-			
Liver cancer due to hepatitis B	<ol> <li>Hepatitis G virus infection in patients with hepatocellular carcinoma in Recife, Brazil 2007;</li> </ol>		2004-2009	Scientific literature
Liver cancer due to hepatitis B	37(8): 632-6.	Country	1996-1999	Scientific literature
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Liver cancer due to hepatitis C	polymorphism in the MDR1 gene in patients with hepatocellular carcinoma 2012; 11(6): 899- 906.		2000-2009	Scientific literature
	Gonçalves PL, Zago-Gomes Mda P, Gonçalves CS, Pereira FE. Hepatitis virus and hepatocellular			
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Liver cancer due to hepatitis C	37(8): 632-6.	Country	1996-1999	Scientific literature
Liver cancer due to hepatitis C	Osório FMF, Lauar GM, Lima AS, Vidigal PVT, Ferrari TCA, Couto CA. Epidemiological aspects of hepatocellular carcinoma in a referral center of Minas Gerais, Brazil 2013; 50(2): 97-100.		1998-2010	Scientific literature
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Liver cancer due to hepatitis C	infection and the hepatocellular carcinoma in the East Amazon, Brazil] 2004; 37(Supp 2): 47-51.		1992-1999	Scientific literature
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Liver cancer due to hepatitis C	resection for hepatocellular carcinoma on cirrhotic livers 2008; 45(2): 99-105.  Clinical and epidemiological aspects of hepatocellular carcinoma in Brazil 2010; 65(12): 1285-		1996-2005	Scientific literature
Liver cancer due to hepatitis C	90.		2004-2009	Scientific literature
Liver cancer due to hepatitis C	Gonçalves CS, Pereira FE, Gayotto LC. Hepatocellular carcinoma in Brazil: report of a national survey (Florianópolis, SC, 1995) 1997; 39(3): 165-70.		1992-1994	Scientific literature
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Liver cancer due to alcohol use	of hepatocellular carcinoma in a referral center of Minas Gerais, Brazil 2013; 50(2): 97-100. Hepatitis G virus infection in patients with hepatocellular carcinoma in Recife, Brazil 2007;		1998-2010	Scientific literature
Liver cancer due to alcohol use	37(8): 632-6.	Country	1996-1999	Scientific literature
Liver cancer due to alcohol use	Gonçalves CS, Pereira FE, Gayotto LC. Hepatocellular carcinoma in Brazil: report of a national survey (Florianópolis, SC, 1995) 1997; 39(3): 165-70.		1992-1994	Scientific literature
	Silva M, Mattos AA de, Fontes PRO, Waechter FL, Pereira-Lima L. Evaluation of hepatic			
Liver cancer due to alcohol use	resection for hepatocellular carcinoma on cirrhotic livers 2008; 45(2): 99-105.  Clinical and epidemiological aspects of hepatocellular carcinoma in Brazil 2010; 65(12): 1285-		1996-2005	Scientific literature
Liver cancer due to alcohol use	90.		2004-2009	Scientific literature
	Fontes PR, Schmidt Cerski CT, Hartmann AA, Kretzmann Filho NA. Evaluation of the C3435T polymorphism in the MDR1 gene in patients with hepatocellular carcinoma 2012; 11(6): 899-			
Liver cancer due to alcohol use	906.		2000-2009	Scientific literature
Liver cancer due to alcohol use	Gonçalves PL, Zago-Gomes Mda P, Gonçalves CS, Pereira FE. Hepatitis virus and hepatocellular carcinoma in Brazil: a report from the State of Espírito Santo 2014; 47(5): 559-63.		1993-2011	Scientific literature
I	Gonçalves PL, Zago-Gomes Mda P, Gonçalves CS, Pereira FE. Hepatitis virus and hepatocellular		1002 2011	Calandida libanabana
Liver cancer due to other causes	carcinoma in Brazil: a report from the State of Espírito Santo 2014; 47(5): 559-63.  Clinical and epidemiological aspects of hepatocellular carcinoma in Brazil 2010; 65(12): 1285-		1993-2011	Scientific literature
Liver cancer due to other causes	90. Silva M, Mattos AA de, Fontes PRO, Waechter FL, Pereira-Lima L. Evaluation of hepatic		2004-2009	Scientific literature
Liver cancer due to other causes	resection for hepatocellular carcinoma on cirrhotic livers 2008; 45(2): 99-105.		1996-2005	Scientific literature
	Fontes PR, Schmidt Cerski CT, Hartmann AA, Kretzmann Filho NA. Evaluation of the C3435T polymorphism in the MDR1 gene in patients with hepatocellular carcinoma 2012; 11(6): 899-			
Liver cancer due to other causes	906.		2000-2009	Scientific literature
Liver cancer due to other sauces	Osório FMF, Lauar GM, Lima AS, Vidigal PVT, Ferrari TCA, Couto CA. Epidemiological aspects of hepatocellular carcinoma in a referral center of Minas Gerais, Brazil 2013; 50(2): 97-100.		1009.2010	Scientific literature
Liver cancer due to other causes	of hepatocellular carcinoma in a referral center of Minas Gerais, Brazil 2013; 50(2): 97-100.  Gonçalves CS, Pereira FE, Gayotto LC. Hepatocellular carcinoma in Brazil: report of a national		1998-2010	scientific literature
Liver cancer due to other causes	survey (Florianópolis, SC, 1995) 1997; 39(3): 165-70.		1992-1994	Scientific literature
Liver cancer due to other causes	Hepatitis G virus infection in patients with hepatocellular carcinoma in Recife, Brazil 2007; 37(8): 632-6.	Country	1996-1999	Scientific literature
Lanuny cancer	Institute for Health Metrics and Evaluation (IHME). IHME GBD 2015 DisMod Cancer Procedure Incidence Estimates.		1990-2020	Modeled data
Larynx cancer	Minas Gerais Ministry of Health (Brazil), National Cancer Institute (Brazil). Brazil - Belo	Global	1990-2020	iviodeled data
Non-melanoma skin cancer (squamous-cell	Horizonte BasePopWeb Database - Population Based Cancer Registry (RCBP Belo Horizonte)	Minas Gerais	2000-2008	Diagram and the control of the contr
carcinoma)	Statistics. Rio de Janeiro, Brazil: National Cancer Institute (Brazil).  National Cancer Institute (Brazil). Brazil - Distrito Federal BasePopWeb Database - Population	Minas Gerais	2000-2008	Disease registry
Non-melanoma skin cancer (squamous-cell	Based Cancer Registry (RCBP Distrito Federal) Statistics. Rio de Janeiro, Brazil: National Cancer	District Fordered	1000 2002	Disease register.
carcinoma)	Institute (Brazil).  Municipal Secretariat of Health of Curitiba (Brazil), National Cancer Institute (Brazil). Brazil -	Distrito Federal	1999-2002	Disease registry
Non-melanoma skin cancer (squamous-cell	Curitiba BasePopWeb Database - Population Based Cancer Registry (RCBP Curitiba) Statistics.	D	1000 2010	Diagram and the control of the contr
carcinoma)	Rio de Janeiro, Brazil: National Cancer Institute (Brazil).  Association to Fight Cancer in Golás (Brazil), National Cancer Institute (Brazil). Brazil - Golânia	Paraná	1998-2010	Disease registry
Non-melanoma skin cancer (squamous-cell	BasePopWeb Database - Population Based Cancer Registry (RCBP Goiânia) Statistics. Rio de	6-14-	1000 2000	Dispose
carcinoma)	Janeiro, Brazil: National Cancer Institute (Brazil).  National Cancer Institute (Brazil). Brazil - Espirito Santo BasePopWeb Database - Population	Goiás	1990-2009	Disease registry
Non-melanoma skin cancer (squamous-cell	Based Cancer Registry (RCBP do Estado do Espírito Santo) Statistics. Rio de Janeiro, Brazil:	Ecolate C	1007.2012	Discourse
carcinoma) Non-melanoma skin cancer (squamous-cell	National Cancer Institute (Brazil).  Cancer Registry (RCBP Cuiaba) Statistics. Rio de Janeiro, Brazil: National Cancer Institute	Espírito Santo	1997-2012	Disease registry
carcinoma)	(Brazil).	Mato Grosso	2000-2007	Disease registry
Non-melanoma skin cancer (squamous-cell	Mato Grosso do Sul State Department of Health (Brazil), National Cancer Institute (Brazil).  Brazil - Campo Grande BasePopWeb Database - Population Based Cancer Registry (RCBP			
carcinoma)	Campo Grande) Statistics. Rio de Janeiro, Brazil: National Cancer Institute (Brazil).	Mato Grosso Do Sul	2001-2009	Disease registry
Non-melanoma skin cancer (squamous-cell carcinoma)	Cancer Registry (RCBP Fortaleza) Statistics. Rio de Janeiro, Brazil: National Cancer Institute (Brazil).	Ceará	1990-2006	Disease registry
Non-melanoma skin cancer (squamous-cell	National Cancer Institute (Brazil). Brazil - Florianópolis BasePopWeb Database - Population  Based Cancer Registry (BCRP Florianópolis) Statistics, Rio de Japairo, Brazil: National Cancer			
carcinoma)	Based Cancer Registry (RCBP Florianópolis) Statistics. Rio de Janeiro, Brazil: National Cancer Institute (Brazil).	Santa Catarina	2008-2012	Disease registry
				.0,

Non melanama skin sancar (sayamayıs sall	National Cancer Institute (Brazil). Brazil - Poços de Caldas BasePopWeb Database - Population			
Non-melanoma skin cancer (squamous-cell carcinoma)	Based Cancer Registry (RCBP Poços de Caldas) Statistics. Rio de Janeiro, Brazil: National Cancer Institute (Brazil).	Minas Gerais	2007-2011	Disease registry
Non-melanoma skin cancer (squamous-cell carcinoma)	National Cancer Institute (Brazil), Rio Grande do Sul State Center for Health Surveillance (CEVS) (Brazil), Rio Grande do Sul State Health Department (Brazil). Brazil - Porto Alegre BasePopWeb Database - Population Based Cancer Registry (RCBP Porto Alegre) Statistics. Rio de Janeiro, Brazil: National Cancer Institute (Brazil).	Rio Grande do Sul	1994-2006	Disease registry
Non-melanoma skin cancer (squamous-cell	Aristides Maltez Hospital (Brazil), Bahia League Against Cancer (Brazil), National Cancer Institute (Brazil). Brazil - Salvador BasePopWeb Database - Population Based Cancer Registry			
carcinoma) Non-melanoma skin cancer (squamous-cell	(RCBP Salvador) Statistics. Rio de Janeiro, Brazil: National Cancer Institute (Brazil).  Cancer Registry (RCBP Roraima) Statistics. Rio de Janeiro, Brazil: National Cancer Institute	Bahia	1996-2005	Disease registry
carcinoma) Non-melanoma skin cancer (squamous-cell	(Brazil).  Cancer Registry (RCBP Recife) Statistics. Rio de Janeiro, Brazil: National Cancer Institute	Roraima	2003-2009	Disease registry
carcinoma)	(Brazil).  National Cancer Institute (Brazil), São Paulo Population Based Cancer Registry. Brazil - Sao	Pernambuco	1996-2010	Disease registry
Non-melanoma skin cancer (squamous-cell carcinoma)	Paulo BasePopWeb Database - Population Based Cancer Registry (RCBP-SP) Statistics. Rio de Janeiro, Brazil: National Cancer Institute (Brazil).	São Paulo	1997-2010	Disease registry
Non-melanoma skin cancer (squamous-cell	Institute for Health Metrics and Evaluation (IHME). IHME GBD 2013 DisMod model input.	Global	1990-2013 1973-1998	Modeled data
Non-melanoma skin cancer (squamous-cell Non-melanoma skin cancer (squamous-cell	Cancer Incidence in Five Continents Volumes I-VIII 1950-1997 São Paulo Population Based Cancer Registry. Brazil - Sao Paulo Population Based Cancer			Disease registry
carcinoma)	Registry Statistics. São Paulo, Brazil: São Paulo Population Based Cancer Registry.  Health Department of the State of Paraiba (Brazil), National Cancer Institute (Brazil). Brazil -	São Paulo	2011	Disease registry
Non-melanoma skin cancer (squamous-cell carcinoma)	João Pessoa BasePopWeb Database - Population Based Cancer Registry (RCBP João Pessoa) Statistics. Rio de Janeiro, Brazil: National Cancer Institute (Brazil).	Paraíba	1999-2006	Disease registry
Non-melanoma skin cancer (squamous-cell	Amazonas State Foundation Oncology Control Center (FCECON), National Cancer Institute (Brazil). Brazil - Manaus BasePopWeb Database - Population Based Cancer Registry (RCBP			
carcinoma) Non-melanoma skin cancer (squamous-cell	Manaus) Statistics. Rio de Janeiro, Brazil: National Cancer Institute (Brazil).  National Cancer Institute (Brazil). Brazil - Natal BasePopWeb Database - Population Based	Amazonas	1999-2006	Disease registry
carcinoma)	Cancer Registry (RCBP Natal) Statistics. Rio de Janeiro, Brazil: National Cancer Institute (Brazil). Ministry of Health of Tocantins (Brazil), National Cancer Institute (Brazil). Brazil - Palmas	Rio Grande do Norte	1999-2005	Disease registry
Non-melanoma skin cancer (squamous-cell	BasePopWeb Database - Population Based Cancer Registry (RCBP Palmas) Statistics. Rio de	Tanada	2004 2005	Diagram analytic
carcinoma)	Janeiro, Brazil: National Cancer Institute (Brazil). National Cancer Institute (Brazil), Pará State Department of Public Health (SESPA) (Brazil).	Tocantins	2001-2005	Disease registry
Non-melanoma skin cancer (squamous-cell carcinoma)	Brazil - Belém BasePopWeb Database - Population Based Cancer Registry (RCBP Belém) Statistics. Rio de Janeiro, Brazil: National Cancer Institute (Brazil).	Pará	1996-2009	Disease registry
Non-melanoma skin cancer (squamous-cell	National Cancer Institute (Brazil), Oncology Center, Sergipe Emergency Hospital (Brazil). Brazil - Aracaju BasePopWeb Database - Population Based Cancer Registry (RCBP Aracaju) Statistics.			
carcinoma)	Rio de Janeiro, Brazil: National Cancer Institute (Brazil).  Amaral Carvalho Hospital (Brazil), National Cancer Institute (Brazil), Secretary of Municipal	Sergipe	1996-2012	Disease registry
Non-melanoma skin cancer (squamous-cell carcinoma)	Health of Jau (Brazil). Brazil - Jahú BasePopWeb Database - Population Based Cancer Registry (RCBP Jahú) Statistics. Rio de Janeiro, Brazil: National Cancer Institute (Brazil).	São Paulo	1996-2012	Disease registry
Non-melanoma skin cancer (squamous-cell carcinoma)	Cancer Registry (RCBP DRS Barretos) Statistics. Rio de Janeiro, Brazil: National Cancer Institute (Brazil).	São Paulo	2008-2013	Disease registry
Non-melanoma skin cancer (squamous-cell	Cancer Registry (RCBP Teresina) Statistics. Rio de Janeiro, Brazil: National Cancer Institute			Disease registry
Non-melanoma skin cancer (squamous-cell	(Brazil). Cancer Registry (RCBP Santos) Statistics. Rio de Janeiro, Brazil: National Cancer Institute	Piaui	2001-2005	,
carcinoma)	(Brazil).  National Cancer Institute (Brazil). Brazil - Florianópolis BasePopWeb Database - Population	São Paulo	2008-2009	Disease registry
Non-melanoma skin cancer (basal-cell carcinoma)	Based Cancer Registry (RCBP Florianópolis) Statistics. Rio de Janeiro, Brazil: National Cancer Institute (Brazil).	Santa Catarina	2008-2012	Disease registry
	National Cancer Institute (Brazil). Brazil - Distrito Federal BasePopWeb Database - Population Based Cancer Registry (RCBP Distrito Federal) Statistics. Rio de Janeiro, Brazil: National Cancer			
Non-melanoma skin cancer (basal-cell carcinoma)	Institute (Brazil).  Cancer Registry (RCBP Teresina) Statistics. Rio de Janeiro, Brazil: National Cancer Institute	Distrito Federal	1999-2002	Disease registry
Non-melanoma skin cancer (basal-cell carcinoma)		Piaui	2000-2006	Disease registry
Non-melanoma skin cancer (basal-cell carcinoma)	Curitiba BasePopWeb Database - Population Based Cancer Registry (RCBP Curitiba) Statistics.	Paraná	1998-2010	Disease registry
Non-metanoma skin cancer (basar-cen carcinoma	National Cancer Institute (Brazil), Rio Grande do Sul State Center for Health Surveillance	raialia	1998-2010	Disease registry
	(CEVS) (Brazil), Rio Grande do Sul State Health Department (Brazil). Brazil - Porto Alegre BasePopWeb Database - Population Based Cancer Registry (RCBP Porto Alegre) Statistics. Rio			
Non-melanoma skin cancer (basal-cell carcinoma)	de Janeiro, Brazil: National Cancer Institute (Brazil). Cancer Registry (RCBP Recife) Statistics. Rio de Janeiro, Brazil: National Cancer Institute	Rio Grande do Sul	1993-2006	Disease registry
Non-melanoma skin cancer (basal-cell carcinoma)	(Brazil).  Cancer Registry (RCBP Cuiaba) Statistics. Rio de Janeiro, Brazil: National Cancer Institute	Pernambuco	1995-2010	Disease registry
Non-melanoma skin cancer (basal-cell carcinoma)		Mato Grosso	2000-2007	Disease registry
Non-melanoma skin cancer (basal-cell carcinoma)		Roraima	2003-2010	Disease registry
Non-melanoma skin cancer (basal-cell carcinoma)	BasePopWeb Database - Population Based Cancer Registry (RCBP Goiânia) Statistics. Rio de	Goiás	1990-2009	Disease registry
	Cancer Registry (RCBP Santos) Statistics. Rio de Janeiro, Brazil: National Cancer Institute	São Paulo		Disease registry
Non-melanoma skin cancer (basal-cell carcinoma)	Mato Grosso do Sul State Department of Health (Brazil), National Cancer Institute (Brazil).	São Paulo	2008-2009	Disease registry
Non-melanoma skin cancer (basal-cell carcinoma)		Mato Grosso Do Sul	2000-2009	Disease registry
	National Cancer Institute (Brazil). Brazil - Poços de Caldas BasePopWeb Database - Population Based Cancer Registry (RCBP Poços de Caldas) Statistics. Rio de Janeiro, Brazil: National			
Non-melanoma skin cancer (basal-cell carcinoma)	Cancer Institute (Brazil).  National Cancer Institute (Brazil), São Paulo Population Based Cancer Registry. Brazil - Sao	Minas Gerais	2007-2011	Disease registry
Non-melanoma skin cancer (basal-cell carcinoma)	Paulo BasePopWeb Database - Population Based Cancer Registry (RCBP-SP) Statistics. Rio de	São Paulo	1997-2010	Disease registry
, , , , , , , , , , , , , , , , , , , ,	National Cancer Institute (Brazil). Brazil - Espirito Santo BasePopWeb Database - Population Based Cancer Registry (RCBP do Estado do Espirito Santo) Statistics. Rio de Janeiro, Brazil:			
Non-melanoma skin cancer (basal-cell carcinoma)		Espírito Santo	1997-2012	Disease registry
Non-melanoma skin cancer (basal-cell carcinoma)	Cancer Registry (RCBP Natal) Statistics. Rio de Janeiro, Brazil: National Cancer Institute (Brazil).	Rio Grande do Norte	1999-2005	Disease registry
	Aristides Maltez Hospital (Brazil), Bahia League Against Cancer (Brazil), National Cancer Institute (Brazil). Brazil - Salvador BasePopWeb Database - Population Based Cancer Registry	_		
Non-melanoma skin cancer (basal-cell carcinoma)	Bariani RL, Nahas FX, Barbosa MVJ, Farah AB, Ferreira LM. Basal cell carcinoma: an updated	Bahia	1996-2005	Disease registry
Non-melanoma skin cancer (basal-cell carcinoma)	epidemiological and therapeutically profile of an urban population 2006; 21(2): 66-73.  Amazonas State Foundation Oncology Control Center (FCECON), National Cancer Institute		2001-2003	Scientific literature
Non-melanoma skin cancer (basal-cell carcinoma)	(Brazil). Brazil - Manaus BasePopWeb Database - Population Based Cancer Registry (RCBP	Amazonas	1999-2006	Disease registry
Non-melanoma skin cancer (basal-cell carcinoma)	Cancer Registry (RCBP DRS Barretos) Statistics. Rio de Janeiro, Brazil: National Cancer Institute	São Paulo	2008-2013	Disease registry
, and the same same same same same same same sam	Health Department of the State of Paraiba (Brazil), National Cancer Institute (Brazil). Brazil - João Pessoa BasePopWeb Database - Population Based Cancer Registry (RCBP João Pessoa)	2227000	2023	
Non-melanoma skin cancer (basal-cell carcinoma)	Statistics. Rio de Janeiro, Brazil: National Cancer Institute (Brazil).	Paraíba	1999-2010	Disease registry
	Minas Gerais Ministry of Health (Brazil), National Cancer Institute (Brazil). Brazil - Belo Horizonte BasePopWeb Database - Population Based Cancer Registry (RCBP Belo Horizonte)			
Non-melanoma skin cancer (basal-cell carcinoma)	National Cancer Institute (Brazil), Pará State Department of Public Health (SESPA) (Brazil).	Minas Gerais	2000-2008	Disease registry
Non-melanoma skin cancer (basal-cell carcinoma)	Brazil - Belém BasePopWeb Database - Population Based Cancer Registry (RCBP Belém)	Pará	1996-2009	Disease registry
	Amaral Carvalho Hospital (Brazil), National Cancer Institute (Brazil), Secretary of Municipal Health of Jau (Brazil). Brazil - Jahú BasePopWeb Database - Population Based Cancer Registry			
Non-melanoma skin cancer (basal-cell carcinoma)		São Paulo	1996-2012	Disease registry
Non-melanoma skin cancer (basal-cell carcinoma)	Registry Statistics. São Paulo, Brazil: São Paulo Population Based Cancer Registry.	São Paulo	2011	Disease registry
	National Cancer Institute (Brazil), Oncology Center, Sergipe Emergency Hospital (Brazil). Brazil - Aracaju BasePopWeb Database - Population Based Cancer Registry (RCBP Aracaju) Statistics.		400-	
Non-melanoma skin cancer (basal-cell carcinoma) Non-melanoma skin cancer (basal-cell carcinoma)	Cancer Incidence in Five Continents Volumes I-VIII 1950-1997	Sergipe Global	1996-2012 1973-1998	Disease registry Disease registry
Non-melanoma skin cancer (basal-cell carcinoma)	Institute for Health Metrics and Evaluation (IHME). IHME GBD 2013 DisMod model input.	Global	1990-2013	Modeled data

	Ministry of Health of Tocantins (Brazil), National Cancer Institute (Brazil). Brazil - Palmas			
Non-melanoma skin cancer (basal-cell carcinoma)	BasePopWeb Database - Population Based Cancer Registry (RCBP Palmas) Statistics. Rio de Janeiro, Brazil: National Cancer Institute (Brazil).	Tocantins	2000-2012	Disease registry
Non-melanoma skin cancer (basal-cell carcinoma)	Cancer Registry (RCBP Fortaleza) Statistics. Rio de Janeiro, Brazil: National Cancer Institute (Brazil).	Ceará	1990-2006	
	Institute for Health Metrics and Evaluation (IHME). IHME GBD 2015 DisMod Cancer Procedure			Disease registry
Breast cancer	Incidence Estimates. Institute for Health Metrics and Evaluation (IHME). IHME GBD 2015 DisMod Cancer Procedure	Global	1990-2020	Modeled data
Prostate cancer	Incidence Estimates. Institute for Health Metrics and Evaluation (IHME). IHME GBD 2015 DisMod Cancer Procedure	Global	1990-2020	Modeled data
Bladder cancer	Incidence Estimates.	Global	1990-2020	Modeled data
Rheumatic heart disease	Brazil World Health Survey 2003 Alves Meira ZM, de Castilho SR, Lins Barros MV, Maria Vitarelli A, Diniz Capanema F, Moreira	Country	2002-2003	Survey
Rheumatic heart disease	NS, Moreira Camargos PA, Coelho Mota CC. Prevalence of rheumatic fever in children from a public high school in Belo Horizonte 1995; 65(4): 331-4.		1992	Scientific literature
	Miranda LP, Camargos PA, Torres RM, Meira ZM. Prevalence of rheumatic heart disease in a			
Rheumatic heart disease	public school of Belo Horizonte 2014; 103(2.0): 89-97. Institute for Health Metrics and Evaluation (IHME). IHME GBD 2015 DisMod Low-income		2010-2011	Scientific literature
Rheumatic heart disease	Endemic Rheumatic Heart Disease Cause-specific Mortality Rates.  Institute for Health Metrics and Evaluation (IHME). IHME GBD 2015 DisMod High-income Non-	Global	1990-2016	Modeled data
Rheumatic heart disease	endemic Rheumatic Heart Disease Cause-specific Mortality Rates.  Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of	Global	1990-2016	Modeled data
	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
Rheumatic heart disease	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).  Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health	Country	2013-2014	Survey
Rheumatic heart disease	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health Survey 2008-2009.	São Paulo	2002-2008	Survey
	Institute for Health Metrics and Evaluation (IHME). IHME GBD DisMod Ischemic Heart Disease			,
Ischemic heart disease	Excess Mortality Estimates.  Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health	Global	1990-2016	Modeled data
Ischemic heart disease	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health Survey 2008-2009.	São Paulo	2002-2008	Survey
	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of			,
Ischemic heart disease	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Ischemic heart disease	Institute for Health Metrics and Evaluation (IHME). IHME GBD 2015 DisMod Ischemic Heart Diseases Excess Mortality Estimates.	Global	1990-2016	Modeled data
Ischemic heart disease	Institute for Health Metrics and Evaluation (IHME). Cause of Death Ensemble Modeling Results myocardial infarction in Salvador, Brazil: I. Incidence, lethality, and mortality 1987; 21(1): 28-	Global	1980-2015	Modeled data
Ischemic heart disease	37.		1982	Scientific literature
	Piva e Mattos LAL, Berwanger O, Santos ES dos, Reis HJL, Romano ER, Petriz JLF, Sousa ACS, Neuenschwander FC, Guimarães JI, Andrade JP de. Clinical outcomes at 30 days in the			
Ischemic heart disease Ischemic heart disease	Brazilian Registry of Acute Coronary Syndromes (ACCEPT) 2013; 100(1): 6@3.  Brazil World Health Survey 2003	Country	2010-2011 2002-2003	Scientific literature Survey
	Fernandes TG, Goulart AC, Santos-Junior WR, Alencar AP, Benseñor IM, Lotufo PA. Educational	Country		·
Cerebrovascular disease	levels and the functional dependence of ischemic stroke survivors 2012; 28(8): 158190. Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health		2006-2009	Scientific literature
Ischemic stroke	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health Survey 2008-2009.	São Paulo	2002-2008	Survey
Ischemic stroke	Institute for Health Metrics and Evaluation (IHME). IHME GBD 2015 DisMod Cerebrovascular Disease Excess Mortality Estimates.	Global	1990-2016	Modeled data
	Fernandes TG, Goulart AC, Santos-Junior WR, Alencar AP, Benseñor IM, Lotufo PA. Educational	Giobai		
Ischemic stroke	levels and the functional dependence of ischemic stroke survivors 2012; 28(8): 158190.  Cerebrovascular Disease, Hemorragic Stroke and Ischemic Stroke Cause-specific Mortality		2006-2009	Scientific literature
Ischemic stroke	Rate Estimates.  Cabral NL, Gonçalves ARR, Longo AL, Moro CHC, Costa G, Amaral CH, Fonseca L a M, Eluf-	Global	1990-2016	Modeled data
	Neto J. Incidence of stroke subtypes, prognosis and prevalence of risk factors in Joinville,			
Ischemic stroke	Brazil: a 2 year community based study 2009; 80(7): 755-61.  Minelli C, Fu Fen L, Camara Minelli DP. Stroke Incidence, Prognosis, 30-Day, and 1-Year Case		2005-2006	Scientific literature
Ischemic stroke	Fatality Rates in Matão, Brazil 2007; 38(11): 2906-11.  Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of		2003-2004	Scientific literature
task and a startin	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de	Country	2012 2014	C
Ischemic stroke	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).  Brazil - São Paulo Survey on Health, Well-Being, and Aging in Latin America and the Caribbean	Country	2013-2014	Survey
Ischemic stroke Ischemic stroke	1999-2000 Brazil World Health Survey 2003	São Paulo Country	1999-2000 2002-2003	Survey Survey
	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Hemorrhagic stroke	Survey 2008-2009.	São Paulo	2002-2008	Survey
Hemorrhagic stroke	Brazil World Health Survey 2003 Institute for Health Metrics and Evaluation (IHME). IHME GBD 2015 DisMod Cerebrovascular	Country	2002-2003	Survey
Hemorrhagic stroke	Disease Excess Mortality Estimates.  Minelli C, Fu Fen L, Camara Minelli DP. Stroke Incidence, Prognosis, 30-Day, and 1-Year Case	Global	1990-2016	Modeled data
Hemorrhagic stroke	Fatality Rates in Matão, Brazil 2007; 38(11): 2906-11. Cabral NL, Gonçaives ARR, Longo AL, Moro CHC, Costa G, Amaral CH, Fonseca L a M, Eluf-		2003-2004	Scientific literature
	Neto J. Incidence of stroke subtypes, prognosis and prevalence of risk factors in Joinville,			
Hemorrhagic stroke	Brazil: a 2 year community based study 2009; 80(7): 755-61.  Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of		2005-2006	Scientific literature
Hemorrhagic stroke	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
	Fernandes TG, Goulart AC, Santos-Junior WR, Alencar AP, Benseñor IM, Lotufo PA. Educational	,		Scientific literature
Hemorrhagic stroke	levels and the functional dependence of ischemic stroke survivors 2012; 28(8): 158190.  Cerebrovascular Disease, Hemorragic Stroke and Ischemic Stroke Cause-specific Mortality		2006-2009	
Hemorrhagic stroke	Rate Estimates.  Brazil - São Paulo Survey on Health, Well-Being, and Aging in Latin America and the Caribbean	Global	1990-2016	Modeled data
Hemorrhagic stroke	1999-2000 Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health	São Paulo	1999-2000	Survey
	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Myocarditis Myocarditis	Survey 2008-2009. Brazil World Health Survey 2003	São Paulo Country	2002-2008 2002-2003	Survey Survey
	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
Myocarditis	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE). Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health	Country	2013-2014	Survey
	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			_
Atrial fibrillation and flutter	Survey 2008-2009. Fornari LS, Calderaro D, Nassar IB, Lauretti C, Nakamura L, Bagnatori R, Ageno W, Caramelli B.	São Paulo	2002-2008	Survey
Atrial fibrillation and flutter	Misuse of antithrombotic therapy in atrial fibrillation patients: frequent, pervasive and persistent 2006; 23(1): 65-71.		2002	Scientific literature
Atrial fibrillation and flutter	Brazil World Health Survey 2003	Country	2002-2003	Survey
Atrial fibrillation and flutter	Marcolino MS, Palhares DMF, Benjamin EJ, Ribeiro AL. Atrial fibrillation: prevalence in a large database of primary care patients in Brazil 2015; 17(12): 1787 <b>9</b> 0.		2011	Scientific literature
Atrial fibrillation and flutter	Institute for Health Metrics and Evaluation (IHME). IHME GBD Atrial Fibrillation and Flutter Excess Mortality Estimates.	Global	1990-2016	Modeled data
	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Atrial fibrillation and flutter		I		
	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
Endocarditis	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey Administrative record
	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de Janeiro, Brazil: Brazillan Institute of Geography and Statistics (IBGE). Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014. Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.	Country	2013-2014 2013-2017 1998-2002	Survey Administrative record Administrative record
Endocarditis Endocarditis Endocarditis Endocarditis	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de Janeiro, Brazil: Brazillan Institute of Geography and Statistics (IBGE). Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014. Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002. Institute for Health Metrics and Evaluation (IHME). IHME Cause of Death Ensemble Modeling (CODEM) Results 2010.	Country	2013-2017 1998-2002 1990-2010	Administrative record Administrative record Modeled data
Endocarditis Endocarditis Endocarditis	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de Janerico, Brazil Fazillan Institute of Geography and Statistics (IGBC). Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014. Ministry of Health (Brazil). Brazil Hospital Information System 1998-2020. Institute for Health Metrics and Evaluation (HMME). HIME Cause of Death Ensemble Modeling		2013-2017 1998-2002	Administrative record Administrative record

Endocarditis	Brazil World Health Survey 2003	Country	2002-2003	Survey
Endocarditis	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.		2008-2012	Administrative record
	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Endocarditis	Survey 2008-2009.	São Paulo	2002-2008	Survey
	Menezes A, Macedo SC, Gigante DP, da Costa JD, Olinto MT, Fiss E, Chatkin M, Hallal PC, Victora CG. Prevalence and Risk Factors for Chronic Obstructive Pulmonary Disease			
Chronic obstructive pulmonary disease	According to Symptoms and Spirometry 2004; 1(2): 173-9.		2001	Scientific literature
	M, Talamo C, Hallal PC, Victora CG, PLATINO Team. Chronic obstructive pulmonary disease in five Latin American cities (the PLATINO study): a prevalence study 2005; 366(9500): 1875-			
Chronic obstructive pulmonary disease	81.	Country	2002-2004	Scientific literature
Silicosis	Brazil World Health Survey 2003  Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.	Country	2002-2003 1998-2002	Survey Administrative record
	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of			
Silicosis	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Silicosis	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.		2003-2007	Administrative record
	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Silicosis	Survey 2008-2009.	São Paulo	2002-2008	Survey
Silicosis	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.		2013-2017	Administrative record
Silicosis	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil: Ministry of Health (Brazil).	Country	1993-1997	Administrative record
Silicosis	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.		2008-2012	Administrative record
Asbestosis	Brazil World Health Survey 2003  Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:	Country	2002-2003	Survey
Asbestosis	Ministry of Health (Brazil).	Country	1993-1997	Administrative record
Asbestosis	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.		2013-2017	Administrative record
	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Asbestosis	Survey 2008-2009.	São Paulo	2002-2008	Survey
Asbestosis Asbestosis	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.  Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.		1998-2002	Administrative record Administrative record
	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of			
Asbestosis	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de	Country	2013-2014	Survey
Asbestosis Asbestosis	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).  Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.	country	2013-2014	Administrative record
	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health			
Coal workers pneumoconiosis	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health Survey 2008-2009.	São Paulo	2002-2008	Survey
Coal workers pneumoconiosis	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.		2003-2007	Administrative record
Coal workers pneumoconiosis	Brazil World Health Survey 2003	Country	2002-2003	Survey
Coal workers pneumoconiosis	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil: Ministry of Health (Brazil).	Country	1993-1997	Administrative record
Coal workers pneumoconiosis	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.		2013-2017	Administrative record
Coal workers pneumoconiosis	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.  Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of		1998-2002	Administrative record
	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
Coal workers pneumoconiosis	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014 2008-2012	Survey Administrative record
Coal workers pneumoconiosis	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.  Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of		2006-2012	Administrative record
	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de	_		
Other pneumoconiosis Other pneumoconiosis	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).  Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.	Country	2013-2014 2008-2012	Survey Administrative record
Other pneumoconiosis	Brazil World Health Survey 2003	Country	2002-2003	Survey
Other proumosopiesis	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:	Country	1993-1997	Administrative record
Other pneumoconiosis Other pneumoconiosis	Ministry of Health (Brazil).  Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.	Country	2013-2017	Administrative record
Other pneumoconiosis	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.		2003-2007	Administrative record
	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Other pneumoconiosis	Survey 2008-2009.	São Paulo	2002-2008	Survey
Other pneumoconiosis	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.		1998-2002	Administrative record
Asthma	Ministry of Health (Brazil), Secretariat of Health Surveillance, Ministry of Health (Brazil). Brazil Surveillance System of Risk Factors for Chronic Diseases by Telephone Interviews 2010.	Country	2010	Survey
	Silva AA, Barbieri MA, Cardoso VC, Batista RF, Simões VM, Vlanna EO, Gutierrez MR,			
	Figueiredo ML, Silva NA, Pereira TS, Rodriguez JD, Loureiro SR, Ribeiro VS, Bettiol H.  Prevalence of non-communicable diseases in Brazilian children: follow-up at school age of two			
Asthma	Brazilian birth cohorts of the 1990's 2011; 11: 486.		2004-2006	Scientific literature
Asthma	associated risk factors among infants in Recife, Pernambuco State, Brazil 2011; 27(8): 1551-		2007	Scientific literature
ASUIIId	morbidity in 13-14-year-old schoolchildren in the city of Fortaleza, Ceará State, Brazil 2011;		2007	Scientific literature
Asthma	27(1): 103-12.		2006-2007	Scientific literature
	Lima WL, Lima EVNCL, Costa M do R da SR, Santos AM dos, Silva AAM da, Costa ES. Asthma and associated factors in students 13 and 14 years of age in São Luís, Maranhão State, Brazil			
Asthma	2012; 28(6): 1046-56.		2008-2009	Scientific literature
Asthma	Jucá SCBMP, Takano OA, Moraes LSL, Guimarães LV. Asthma prevalence and risk factors in adolescents 13 to 14 years of age in Cuiabá, Mato Grosso State, Brazil. 2012; 28(4): 689-97.		2008	Scientific literature
	Chong Neto HJ, Rosário NA, Grasselli EA, Silva FC e, Bojarski L de FM, Rosário CS, Rosário BA,		2000	Scientific itterature
Asthma	Chong FH. Recurrent wheezing in infants: epidemiological changes 2011; 87(6): 547-50.		2005-2010	Scientific literature
	Toledo MF, Rozov T, Leone C. Prevalence of asthma and allergies in 13- to 14-year-old adolescents and the frequency of risk factors in carriers of current asthma in Taubaté, São			
Asthma	Paulo, Brazil 2011; 39(5): 284-90.		2008-2010	Scientific literature
	Souza da Cunha S, Barreto ML, Fiaccone RL, Cooper PJ, Alcantara-Neves NM, Simões S de M, Cruz AA, Rodrigues LC. Asthma cases in childhood attributed to atopy in tropical area in Brazil.			
Asthma	. 2010; 28(6): 405-11.		2005-2006	Scientific literature
	Silva R de CR, Assis AMO, Goncalves MS, Fiaccone RL, Matos SMA, Barreto ML, Pinto E de J,			
Asthma	Silva LA da, Rodrigues LC, Alcantara-Neves NM. The prevalence of wheezing and its association with body mass index and abdominal obesity in children 2013; 50(3): 267-73.		2010	Scientific literature
	Wehrmeister FC, Peres KG de A. Regional inequalities in the prevalence of asthma diagnosis in			
Asthma	children: an analysis of the Brazilian National Household Sample Survey, 2003 2010; 26(9): 1839-52.		2003	Scientific literature
	Roelofs R, Gurgel RQ, Wendte J, Polderman J, Barreto-Filho JAS, Solé D, Motta-Franco J, De		2003	Sciencine illerature
Acthera	Munter J, Agyemang C. Relationship between asthma and high blood pressure among		2000	Colontifi - II+- ·
Asthma	adolescents in Aracaju, Brazil 2010; 47(6): 639-43.  Sousa CA, Cesar CL, Barros MB, Carandina L, Goldbaum M, Pereira JC. [Prevalence of asthma		2008	Scientific literature
	and risk factors associated: population based study in Sao Paulo, Southeastern Brazil, 2008-			
Asthma	2009] 2012; 46(5): 825-33.  Mallol J, Solé D, Baeza-Bacab M, Aguirre-Camposano V, Soto-Quiros M, Baena-Cagnani C,		2008-2009	Scientific literature
	Latin American ISAAC Group. Regional variation in asthma symptom prevalence in Latin			
Asthma	American children 2010; 47(6): 644-50.		2001-2003	Scientific literature
	rhinitis among adolescents in the city of Fortaleza, Brazil: temporal changes 2013; 39(2): 128-		2006-2010	Scientific literature
Asthma	37.			
	Schuh C, Fritscher LG, Chapman KR, Fritscher CC. The prevalence of asthma and atopy in			
Asthma Asthma	Schuh C, Fritscher LG, Chapman KR, Fritscher CC. The prevalence of asthma and atopy in schoolchildren from Porto Alegre, Brazil, has plateaued 2015; 109(3): 308-11.		2013	Scientific literature
	Schuh C, Fritscher LG, Chapman KR, Fritscher CC. The prevalence of asthma and atopy in		2013	Scientific literature
	Schuh C, Fritscher LG, Chapman KB, Fritscher CC. The prevalence of asthma and atopy in schoolchildren from Porto Alegre, Brazil, has plateaued. 2015. 199(3): 308-11. Wilmer FA, Maurici R, Nazario CA, Nazario KC, Passaro FF, Plazza HE, Bertoldi RA, Pizzichini E, Pizzichini MM. Temporal trends in the prevalence of asthma and rhinoconjunctivitis in adolescents. 2015; 49: na.		2013	Scientific literature Scientific literature
Asthma	Schuh C, Fritscher LG, Chapman KR, Fritscher CC. The prevalence of asthma and atopy in schoolchildren from Porto Alegre, Brazil, has plateaued. 2015; 1933; 308-11. Wilmer FA, Maurici R, Nazario CA, Nazario KC, Passaro FP, Piazza HE, Bertoldi RA, Pizzichini E, Pizzichini MM. Temporal trends in the prevalence of asthma and rhinoconjunctivitis in adolescents. 2015; 49: nan. Brazilian Institute of Geography and Statistics (IBGE), Ministry of Education (Brazil), Ministry of			
Asthma	Schuh C, Fritscher LG, Chapman KB, Fritscher CC. The prevalence of asthma and atopy in schoolchildren from Porto Alegre, Brazil, has plateaued. 2015; 109(3): 308-11. Wilmer FA, Maurici R, Nazario CA, Nazario KC, Passaro FF, Piazza HE, Bertoidi RA, Pizzichini E, Pizzichini MM. Temporal trends in the prevalence of asthma and rhinoconjunctivitis in adolescents. 2015; 49: nan. Brazillan Institute of Geography and Statistics (IBGE), Ministry of Education (Brazil), Ministry of Health (Brazil), Ministry of Flaming, Budget, and Management (Brazil), Secretariat of Health Surveillance, Ministry of Health (Brazil), Brazil National Survey of School Health 2012.	Country		
Asthma	Schuh C, Fritscher LG, Chapman KR, Fritscher CC. The prevalence of asthma and atopy in schoolchildren from Porto Alegre, Brazil, has plateaued. 2015; 109(3): 308-11. Wilmer FA, Maurici R, Nazario CA, Nazario CA, Pasario PF, Brazza HE, Bertoldi RA, Pizzichini E, Pizzichini MM. Temporal trends in the prevalence of asthma and rhinoconjunctivitis in adolescents. 2015; 49: nan. Brazilian Institute of Geography and Statistics (IBGE), Ministry of Education (Brazil), Ministry of Health (Brazil), Ministry of Planning, Budget, and Management (Brazil), Secretariat of Health	Country	2001-2012	Scientific literature

	Alcantara-Neves NM, Cruz ÁA, Simões S de M, Barreto ML, SCAALA (Social Change, Asthma			
	and Allergy in Latin America) Study Group. Overweight, asthma symptoms, atopy and			
Asthma	pulmonary function in children of 4-12 years of age: findings from the SCAALA cohort in Salvador, Bahia, Brazil 2011; 14(7): 1270-8.		2005	Scientific literature
	Lai CK, Beasley R, Crane J, Foliaki S, Shah J, Weiland S. Global variation in the prevalence and			
	severity of asthma symptoms: phase three of the International Study of Asthma and Allergies			
Asthma	in Childhood (ISAAC) 2009; 64(6): 476-483.  De Farias MR de C, Rosa AM, Hacon S de S, de Castro HA, Ignotti E. Prevalence of asthma in		2001-2003	Scientific literature
	schoolchildren in Alta Floresta- a municipality in the southeast of the Brazilian Amazon 2010;			
Asthma	13(1): 49-57.		2007	Scientific literature
	Fiori NS, Gonçalves H, Dumith SC, Cesar MADC, Menezes AMB, Macedo SEC. Ten-year trends			
Asthma	in prevalence of asthma in adults in southern Brazil: comparison of two population-based studies 2012; 28(1): 135-44.		2010	Scientific literature
Asumo	Freitas MS, Monteiro JCS, Camelo-Nunes IC, Solé D. Prevalence of asthma symptoms and		2010	Scientific literature
Asthma	associated factors in schoolchildren from Brazilian Amazon islands 2012; 49(6): 600-5.		2007-2009	Scientific literature
	Garcia-Marcos L, Mallol J, Solé D, Brand PLP, EISL Study Group. International study of			
Acthma	wheezing in infants: risk factors in affluent and non-affluent countries during the first year of		2005 2007	Colontific literature
Asthma	life 2010; 21(5): 878-88.  Lukrafka JL, Fuchs SC, Moreira LB, Picon RV, Fischer GB, Fuchs FD. Performance of the ISAAC		2005-2007	Scientific literature
	questionnaire to establish the prevalence of asthma in adolescents: a population-based study.			
Asthma	. 2010; 47(2): 166-9.		2005-2007	Scientific literature
	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of			
Asthma	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013	Survey
Asuma	Castro LKK de, Cerci Neto A, Ferreira Filho OF. Prevalence of symptoms of asthma, rhinitis and	Country	2013	Juivey
	atopic eczema among students between 6 and 7 years of age in the city of Londrina, Brazil			
Asthma	2010; 36(3): 286-92.		2008	Scientific literature
	Feitosa CA, Santos DN, Barreto do Carmo MB, Santos LM, Teles CAS, Rodrigues LC, Barreto ML. Behavior problems and prevalence of asthma symptoms among Brazilian children 2011;			
Asthma	71(3): 160-5.		2006	Scientific literature
7 Garage	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:		2000	Scientific interaction
Interstitial lung disease and pulmonary sarcoidosi		Country	1993-1997	Administrative record
Interstitial lung disease and pulmonary sarcoidosi			2008-2012	Administrative record
Interstitial lung disease and pulmonary sarcoidosi			1998-2002	Administrative record
	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
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Interstitial lung disease and pulmonary sarcoidosi	s Brazil World Health Survey 2003	Country	2002-2003	Survey
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	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Interstitial lung disease and pulmonary sarcoidosi		São Paulo	2002-2008	Survey
Interstitial lung disease and pulmonary sarcoidosi			2003-2007	Administrative record
	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:			
Cirrhosis and other chronic liver diseases	Ministry of Health (Brazil).	Country	1993-1997	Administrative record
	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Cirrhosis and other chronic liver diseases	Survey 2008-2009.	São Paulo	2002-2008	Survey
Cirrhosis and other chronic liver diseases	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.		2008-2012	Administrative record
Cirrhosis and other chronic liver diseases	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.		1998-2002	Administrative record
	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
Cirrhosis and other chronic liver diseases	Janeiro, Brazili: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Cirrhosis and other chronic liver diseases	Brazil World Health Survey 2003	Country	2002-2003	Survey
Cirrhosis and other chronic liver diseases	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.		2013-2017	Administrative record
Cirrhosis and other chronic liver diseases Cirrhosis and other chronic liver diseases due to	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.  Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.		2003-2007 1998-2002	Administrative record Administrative record
Cirrhosis and other chronic liver diseases due to	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.		2008-2012	Administrative record
Cirrhosis and other chronic liver diseases due to	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.		2013-2017	Administrative record
Cirrhosis and other chronic liver diseases due to	Souza NP, Villar LM, Garbin AJ, Rovida TA, Garbin CA. Assessment of health-related quality of			
hepatitis B	life and related factors in patients with chronic liver disease 2015; 19(6): 590-5.		2011-2012 2003-2007	Scientific literature Administrative record
Cirrhosis and other chronic liver diseases due to Cirrhosis and other chronic liver diseases due to	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.  Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:		2003-2007	Administrative record
hepatitis B	Ministry of Health (Brazil).	Country	1993-1997	Administrative record
	Goncalves PL, Zago-Gomes, Mda P, Marques CC, Mendona AT, Goncalves CS, Pereira FE.			
Cirrhosis and other chronic liver diseases due to	Etiology of liver cirrhosis in Brazil: chronic alcoholism and hepatitis viruses in liver cirrhosis			
hepatitis B Cirrhosis and other chronic liver diseases due to	diagnosed in the state of Esp?rito Santo 2013; 68(3): 291-5.  Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.		1993-2011 1998-2002	Scientific literature Administrative record
Cirrhosis and other chronic liver diseases due to	Souza NP, Villar LM, Garbin AJ, Rovida TA, Garbin CA. Assessment of health-related quality of		1330 2002	Administrative record
hepatitis C	life and related factors in patients with chronic liver disease 2015; 19(6): 590-5.		2011-2012	Scientific literature
Cirrhosis and other chronic liver diseases due to	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:	_		
hepatitis C	Ministry of Health (Brazil).	Country	1993-1997	Administrative record
Cirrhosis and other chronic liver diseases due to	Goncalves PL, Zago-Gomes, Mda P, Marques CC, Mendona AT, Goncalves CS, Pereira FE. Etiology of liver cirrhosis in Brazil: chronic alcoholism and hepatitis viruses in liver cirrhosis			
hepatitis C	diagnosed in the state of Esp?rito Santo 2013; 68(3): 291-5.		1993-2011	Scientific literature
Cirrhosis and other chronic liver diseases due to	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.		2003-2007	Administrative record
Cirrhosis and other chronic liver diseases due to	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.		2013-2017	Administrative record
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alcohol use	Ministry of Health (Brazil).	Country	1993-1997	Administrative record
Cirrhosis and other chronic liver diseases due to	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.		2013-2017	Administrative record
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Cirrhosis and other chronic liver diseases due to	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:		1330-2002	Administrative record
other causes	Ministry of Health (Brazil).	Country	1993-1997	Administrative record
Cirrhosis and other chronic liver diseases due to	Souza NP, Villar LM, Garbin AJ, Rovida TA, Garbin CA. Assessment of health-related quality of			
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Cirrhosis and other chronic liver diseases due to Cirrhosis and other chronic liver diseases due to other causes	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.  Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.  Goncalves Pt., Zago-Gomes, Mda P, Marques CC, Mendona AT, Goncalves CS, Pereira FE.  Etiology of liver cirrhosis in Brazil: chronic alcoholism and hepatitis viruses in liver cirrhosis diagnosed in the state of Esp7ino Santo. 2013, 68(3): 291-5.  Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health Survey 2008-2009.	São Paulo	2008-2012 1993-2011 2002-2008	Scientific literature Survey
Cirrhosis and other chronic liver diseases due to Cirrhosis and other chronic liver diseases due to other causes	Ministry of Health (Brazil), Brazil Hospital Information System 2003-2007.  Ministry of Health (Brazil), Brazil Hospital Information System 2008-2012.  Goncalves Pt, Zago-Gomes, Mda P, Marques CC, Mendona AT, Goncalves CS, Pereira FE.  Etiology of liver cirrhosis in Brazil: chronic alcoholism and hepatitis viruses in liver cirrhosis diagnosed in the state of Esp?rito Santo 2013, 68(3): 291-5.  Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health Survey 2008-2009.  Ministry of Health (Brazil), Brazil Hospital Information System 2003-2007.	São Paulo	2008-2012 1993-2011	Scientific literature
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Inflammatory bowel disease	diseases, in midwestern of São Paulo State, Brazil 2009; 46(1): 20-5.		1986-2005	Scientific literature
Inflammatory bowel disease	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.		2008-2012	Administrative record
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Alzheimer disease and other dementias	18(4): 241-6.		1997-2000	Scientific literature
Alzheimer disease and other dementias	Herrera E Jr, Caramelli P, Silveira ASB, Nitrini R. Epidemiologic survey of dementia in a community-dwelling Brazilian population 2002; 16(2): 103-8.		1997-1998	Scientific literature
	Lopes MA, Ferrioli E, Nakano EY, Litvoc J, Bottino CMC. High prevalence of dementia in a community-based survey of older people from Brazil: association with intellectual activity			
Alzheimer disease and other dementias	rather than education 2012; 32(2): 307-16.		2009-2011	Scientific literature
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Epilepsy	65(3A): 581-6.		1998-1999	Scientific literature
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Epilepsy	Valença MM, Valença LP. [Etiology of the epileptic seizures in Recife city, Brazil: study of 249 patients] 2000; 58(4): 1064\( \overline{A} \overline{B} \).	Country	1996-1999	Scientific literature
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Tension-type headache	cross-sectional study 2010; 50(8): 1306-12.		2005-2006	Scientific literature
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Cannabis use disorders	Brazil Household Survey About the Use of Psychotropic Drugs 2005 Inter-American Drug Abuse Control Commission (CICAD), Organization of American States	Country	2005	Survey
	(OAS), National Commission for Development and Life without Drugs (DEVIDA) (Peru),			
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Major depressive disorder	Anthony JC, Gattaz WF, Kessler RC, Viana MC. Mental disorders in megacities: findings from		2005-2007	Scientific literature
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Major doproccius disordor	International Classification of Diseases, 10th Revision Common Mental Disorders in the Elderly		1997-2001	Scientific literature
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Major depressive disorder	da Silva SA, Scazufca M, Menezes PR. Population impact of depression on functional disability in elderly: results from \$\frac{1}{3}0 \text{ Paulo Ageing & Health Study}(\frac{1}{3}\text{PAH}) 2013; 263(2): 1538.		2003-2005	Scientific literature
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Major depressive disorder	associated to lower prevalence of depression in community-dwelling elderly subjects from Sao Paulo 2013; 150(2): 616/22.		2002-2004	Scientific literature
Major depressive disorder	Brazil World Health Survey 2003 Coelho CL, Crippa JA, Santos JL, Pinsky I, Zaleski M, Caetano R, Laranjeira R. Higher prevalence	Country	2003	Survey
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Major depressive disorder	Vorcaro CM, Lima-Costa MF, Barreto SM, Uchoa E. Unexpected high prevalence of 1-month depression in a small Brazilian community: the Bambui Study 2001; 104(4): 25763.		1996-1997	Scientific literature
Major depressive disorder	Lopez MRA, Ribeiro JP, Ores LC, Jansen K, Souza LDM, Pinheiro RT, Da Silva RA. Depressao e qualidade de vida em jovens de 18 a 24 anos no sul do Brasil 2011; 1038.		2007-2008	Scientific literature
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Major depressive disorder	southeast Brazil 2004; 43(6): 727-34.  Barcelos-Ferreira R, Nakano EY, Steffens DC, Bottino CM. Quality of life and physical activity		2000-2001	Scientific literature
Dysthymia	associated to lower prevalence of depression in community-dwelling elderly subjects from Sao Paulo 2013; 150(2): 616/22.		2002-2004	Scientific literature
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Dysthymia	catchment area in the city of São Paulo, Brazil 2002; 37(7): 316-25. Costa E, Barreto SM, Uchoa E, Firmo JOA, Lima-Costa MF, Prince M. Prevalence of		1994-1996	Scientific literature
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Dysthymia	International Classification of Diseases, 10th Revision Common Mental Disorders in the Elderly in a Brazilian Community: The Bambui Health Ageing Study 2007: 15(1): 17-27.		1997-2001	Scientific literature
Dysthymia	in a Brazilian Community: The Bambui Health Ageing Study 2007; 15(1): 17-27.  Merikangas KR, Jin R, He J-P, Kessler RC, Lee S, Sampson NA, Viana MC, Andrade LH, Hu C,		1997-2001	Scientific literature
Dysthymia	in a Brazilian Community: The Bambui Health Ageing Study 2007; 15(1): 17-27.		1997-2001	Scientific literature Scientific literature

Bipolar disorder Bipolar disorder	Valle Krieger F, Fleitlich-Bilyk B, Jackowski A, Sato JR, Brietzke E, Polanczyk GV, Brentani H, de Jesus Mari J, Do Rosário MC, Manfro GG, Bressan RA, Mercadante MT, Miguel EC, Rohde LA High risk cohort study for psychiatric disorders in childhood: rationale, design, methods and			
Bipolar disorder	preliminary results 2015; 24(1): 58/3.		2012-2014	Scientific literature
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	Silva RA da. Anxiety disorders in young people: a population-based study 2013; 35(4): 347-			
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Anxiety disorders	Birth Cohort 2014; 49(6): 97583.  Andrade L, Walters EE, Gentil V, Laurenti R. Prevalence of ICD-10 mental disorders in a		2010	Scientific literature
Anxiety disorders	catchment area in the city of São Paulo, Brazil 2002; 37(7): 316-25.		1994-1996	Scientific literature
Anxiety disorders	Fleitlich-Bilyk B, Goodman R. Prevalence of child and adolescent psychiatric disorders in southeast Brazil 2004; 43(6): 727-34.		2000-2001	Scientific literature
	on the Epidemiology of Mental Disorders. Cambridge, United Kingdom: Cambridge University	Country	2005 2007	
Anxiety disorders	Press, 2008.  Kessler RC, Berglund PA, Chiu WT, Deitz AC, Hudson JJ, Shahly V, Aguilar-Gaxiola S, Alonso J,	Country	2005-2007	Report
	Angermeyer MC, Benjet C, Bruffaerts R, de Girolamo G, de Graaf R, Haro JM, Kovess-Masfety V, O'Neill S, Posada-Villa J, Sasu C, Scott K, Viana MC, Xavier M. The prevalence and correlates			
Bulimia nervosa	of binge eating disorder in the WHO World Mental Health Surveys 2013; 73(9): 904914.		2005-2007	Scientific literature
Bulimia nervosa	Andrade L, Walters EE, Gentil V, Laurenti R. Prevalence of ICD-10 mental disorders in a catchment area in the city of São Paulo, Brazil 2002; 37(7): 316-25.		1994-1996	Scientific literature
Bullilla Hervosa	Salum GA, Gadelha A, Pan PM, Moriyama TS, Graeff-Martins AS, Tamanaha AC, Alvarenga P,		1334-1330	Scientific literature
	Valle Krieger F, Fleitlich-Bilyk B, Jackowski A, Sato JR, Brietzke E, Polanczyk GV, Brentani H, de Jesus Mari J, Do Rosário MC, Manfro GG, Bressan RA, Mercadante MT, Miguel EC, Rohde LA.			
	High risk cohort study for psychiatric disorders in childhood: rationale, design, methods and			
Autism Autism	preliminary results 2015; 24(1): 58/23. Institute for Health Metrics and Evaluation (IHME). IHME DisMod Autism Excess Mortality	Global	2012-2014 1990-2016	Scientific literature Modeled data
Autoni	Petresco S, Anselmi L, Santos IS, Barros AJ, Fleitlich-Bilyk B, Barros FC, Matijasevich A.	Global	1330-2010	Wiodeled data
Autism	Prevalence and comorbidity of psychiatric disorders among 6-year-old children: 2004 Pelotas Birth Cohort 2014; 49(6): 97583.		2010	Scientific literature
	Salum GA, Gadelha A, Pan PM, Moriyama TS, Graeff-Martins AS, Tamanaha AC, Alvarenga P,			
	Valle Krieger F, Fleitlich-Bilyk B, Jackowski A, Sato JR, Brietzke E, Polanczyk GV, Brentani H, de Jesus Mari J, Do Rosário MC, Manfro GG, Bressan RA, Mercadante MT, Miguel EC, Rohde LA.			
Asperger syndrome and other autistic spectrum	High risk cohort study for psychiatric disorders in childhood: rationale, design, methods and			
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Attention-deficit/hyperactivity disorder	predominantly African-Brazilian rural community 2005; 40(1): 11-7.  Petresco S, Anselmi L, Santos IS, Barros AJ, Fleitlich-Bilyk B, Barros FC, Matijasevich A.		2003	Scientific literature
	Prevalence and comorbidity of psychiatric disorders among 6-year-old children: 2004 Pelotas		2010	
Attention-deficit/hyperactivity disorder	Birth Cohort 2014; 49(6): 97583. Salum GA, Gadelha A, Pan PM, Moriyama TS, Graeff-Martins AS, Tamanaha AC, Alvarenga P,		2010	Scientific literature
	Valle Krieger F, Fleitlich-Bilyk B, Jackowski A, Sato JR, Brietzke E, Polanczyk GV, Brentani H, de			
	Jesus Mari J, Do Rosário MC, Manfro GG, Bressan RA, Mercadante MT, Miguel EC, Rohde LA. High risk cohort study for psychiatric disorders in childhood: rationale, design, methods and			
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	ADHD in a School Sample of Brazilian Adolescents: A Study of Prevalence, Comorbid			
Attention-deficit/hyperactivity disorder	Conditions, and Impairments 1999; 38(6): 716-22.		1997	Scientific literature
Attention-deficit/hyperactivity disorder	Fleitlich-Bilyk B, Goodman R. Prevalence of child and adolescent psychiatric disorders in southeast Brazil 2004; 43(6): 727-34.		2002	Scientific literature
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Attention-deficit/hyperactivity disorder	Arruda MA, Querido CN, Bigal ME, Polanczyk GV. ADHD and mental health status in Brazilian school-age children 2015; 19(1): 117.		2009	Scientific literature
	Anselmi L, Fleitlich-Bilyk B, Menezes AMB, Araújo CL, Rohde LA. Prevalence of psychiatric		2003	Scientific literature
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Conduct disorder	predominantly African-Brazilian rural community 2005; 40(1): 11-7.  Anselmi L, Fleitlich-Bilyk B, Menezes AMB, Araújo CL, Rohde LA. Prevalence of psychiatric		2001	Scientific literature
Conduct disorder	disorders in a Brazilian birth cohort of 11-year-olds 2010; 45(1): 135-42.		2004-2006	Scientific literature
	Petresco S, Anselmi L, Santos IS, Barros AJ, Fleitlich-Bilyk B, Barros FC, Matijasevich A. Prevalence and comorbidity of psychiatric disorders among 6-year-old children: 2004 Pelotas			
Conduct disorder	Birth Cohort 2014; 49(6): 97583.		2010	Scientific literature
	Salum GA, Gadelha A, Pan PM, Moriyama TS, Graeff-Martins AS, Tamanaha AC, Alvarenga P, Valle Krieger F, Fleitlich-Bilyk B, Jackowski A, Sato JR, Brietzke E, Polanczyk GV, Brentani H, de			
	Jesus Mari J, Do Rosário MC, Manfro GG, Bressan RA, Mercadante MT, Miguel EC, Rohde LA.			
Conduct disorder	High risk cohort study for psychiatric disorders in childhood: rationale, design, methods and preliminary results 2015; 24(1): 58\mathbb{Z}3.		2012-2014	Scientific literature
Conduct disorder	Fleitlich-Bilyk B, Goodman R. Prevalence of child and adolescent psychiatric disorders in southeast Brazil 2004; 43(6): 727-34.		2002	Scientific literature
Conduct disorder	Stein Z, Belmont L, Durkin M. Mild mental retardation and severe mental retardation		2002	Scientific literature
Idiopathic developmental intellectual disability	compared: experiences in eight less developed countries 1987; 44: 89-96.  Muniz EC, Rocha RM, Reis ML, Santos VL, Grossi SA. Neuropathic and ischemic changes of the		1987	Scientific literature
Diabetes mellitus	foot in Brazilian patients with diabetes 2003; 49(8): 60-70.		2000-2002	Scientific literature
	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
Diabetes mellitus	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013	Survey
Diabetes mellitus	Schaan BD, Harzheim E, Gus I. [Cardiac risk profile in diabetes mellitus and impaired fasting glucose] 2004; 38(4): 529-36.		1999-2000	Scientific literature
Diabetes meintus	Freitas MPD, Loyola Filho Al de, Lima-Costa MF. Birth cohort differences in cardiovascular risk		1333-2000	Scientific literature
Diabetes mellitus	factors in a Brazilian population of older elderly: the Bambuí Cohort Study of Aging (1997 and 2008) 2011; S409-417.		1997-2008	Scientific literature
	Lima-Costa MF, Mambrini JV, Leite ML, Peixoto SV, Firmo JO, Loyola Filho AI, Gouveia MH,			
	Leal TP, Pereira AC, Macinko J, Tarazona-Santos E. Socioeconomic Position, But Not African Genomic Ancestry, Is Associated With Blood Pressure in the Bambui-Epigen (Brazil) Cohort			
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Diabetes mellitus	Rigo JC, Vieira JL, Dalacorte RR, Reichert CL. Prevalence of metabolic syndrome in an elderly community: comparison between three diagnostic methods 2009; 93(2): 85-91.		2005-2006	Scientific literature
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Diabetes mellitus	diabetic foot and associated factors in the family health units of the city of Recife, Pernambuco State, Brazil, in 2005 2008; 24(12): 2861-70.		2006	Scientific literature
	Arieta CEL, de Oliveira DF, Lupinacci AP de C, Novaes P, Paccola M, Jose NK, Limburg H.			
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	Prevalence of visual impairment, blindness, ocular disorders and cataract surgery outcomes in		04	0.1 .10
Diabetes mellitus	low-income elderly from a metropolitan region of São Paulo-Brazil 2008; 71(2): 246-53.  Lessa I, Magalhães L, Araújo MJ, de Almeida Filho N, Aquino E, Oliveira MM. Arterial		2002	Scientific literature
Diabetes mellitus	hypertension in the adult population of Salvador (BA)Brazil 2006; 87(6): 747-56.		1999-2000	Scientific literature
Diabetes mellitus	International Centre for Eye Health (ICEH). Brazil - Campinas Rapid Assessment of Avoidable Blindness 2004. Grootebroek, Netherlands: RAAB Repository.	São Paulo	2003	Survey
	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health			
	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health		2002-2008	Survey
Acute glomerulonephritis	Survey 2008-2009.	São Paulo		

	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of			
Acute glomerulonephritis	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Acute glomerulonephritis	Brazil World Health Survey 2003	Country	2002-2003	Survey
Acute glomerulonephritis	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil: Ministry of Health (Brazil).	Country	1993-1997	Administrative record
Acute glomerulonephritis Acute glomerulonephritis	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.  Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.		2013-2017	Administrative record Administrative record
Acute giorner dionephritis	Institute for Health Metrics and Evaluation (IHME). IHME DisMod Stage IV Chronic Kidney		2000-2012	Administrative record
Chronic kidney disease	Disease Remission Estimates.  Brazilian Society of Nephrology. Brazilian Society of Nephrology Dialysis Census 2009. São	Global	1990-2016	Modeled data
Chronic kidney disease	Paulo, Brazil: Brazilian Society of Nephrology.	Country	2009	Disease registry
Chronic kidney disease	Brazilian Society of Nephrology. Brazilian Society of Nephrology Dialysis Census 2011. São Paulo, Brazil: Brazilian Society of Nephrology.	Country	2011	Disease registry
·	Brazilian Society of Nephrology. Brazilian Society of Nephrology Dialysis Census 2012. São			
Chronic kidney disease	Paulo, Brazilian Society of Nephrology.  Brazilian Society of Nephrology. Brazilian Society of Nephrology Dialysis Census 2013. São	Country	2012	Disease registry
Chronic kidney disease	Paulo, Brazil: Brazilian Society of Nephrology.	Country	2013	Disease registry
Chronic kidney disease	De Moura L, Prestes IV, Duncan BB, Thome FS, Schmidt MI. Dialysis for end stage renal disease financed through the Brazilian National Health System, 2000 to 2012 2014; 111.		2001-2003	Scientific literature
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Chronic kidney disease	9.		2008-2010	Scientific literature
Chronic kidney disease	Cordeiro AC, Carrero JJ, Qureshi AR, Cunha RF da, Lindholm B, Castro I de, Noronha IL. Study of the incidence of dialysis in Sao Paulo, the largest Brazilian city 2013; 68(6): 7605.		2007-2011	Scientific literature
emone wancy discuse	Brazilian Society of Nephrology. Brazilian Society of Nephrology Dialysis Census 2014. São			Scientific interaction
Chronic kidney disease	Paulo, Brazil: Brazilian Society of Nephrology.  Prevalence of chronic renal disease in adults attended by the family health strategy 2016;	Country	2014	Disease registry
Chronic kidney disease	38(1): 22-30.		2011-2013	Scientific literature
Chronic kidney disease	Institute for Health Metrics and Evaluation (IHME). IHME DisMod Stage III Chronic Kidney Disease Remission Estimates.	Global	1990-2016	Modeled data
emonic wancy discuse	Brazilian Society of Nephrology. Brazilian Society of Nephrology Dialysis Census 2008. São	Global	1330 2010	Wodeled data
Chronic kidney disease	Paulo, Brazil: Brazilian Society of Nephrology.  Cusumano AM, Gonzalez Bedat MC, Garcia-Garcia G, Maury Fernandez S, Lugon JR, Poblete	Country	2007	Disease registry
	Badal H, Elgueta Miranda S, Gomez R, Cerdas Calderon M, Almaguer Lopez M, Moscoso Tobar			
	J, Leiva Merino R, Sanchez Polo J, Lou Meda R, Franco Acosta B, Ayala Ferrari R, Escudero E, Saavedra Lopez A, Mena Castro E, Milanes C, Carlini R, Duro Garcia V. Latin American Dialysis			
Chronic kidney disease	and Renal Transplant Registry: 2008 report (data 2006) 2010; 74 Suppl 1: S38.		2006	Scientific literature
	Pecoits-Filho R, Rosa-Diez G, Gonzalez-Bedat M, Marinovich S, Fernandez S, Lugon J, Poblete- Badal H, Elgueta-Miranda S, Gomez R, Cerdas-Calderon M, Almaguer-Lopez M, Freire N, Leiva-			
	Merino R, Rodriguez G, Luna-Guerra J, Bochicchio T, Garcia-Garcia G, Cano N, Iron N. Renal			
Chronic kidney disease	replacement therapy in CKD: an update from the Latin American Registry of Dialysis and Transplantation 2015; 37(1): 923.		2010	Scientific literature
	Institute for Health Metrics and Evaluation (IHME). IHME GBD End-stage Renal Disease			
Chronic kidney disease	DisMod Transplant Incidence Estimates.  Cusumano AM, Di Gioia C, Hermida O, Lavorato C, Latin American Registry of Dialysis and	Global	1990-2016	Modeled data
	Renal Transplantation. The Latin American Dialysis and Renal Transplantation Registry Annual			
Chronic kidney disease	Report 2002 2005; (97): S4652.  Cusumano A, Garcia Garcia G, Gonzalez Bedat C. The Latin American Dialysis and Transplant		2000-2001	Scientific literature
Chronic kidney disease	Registry: report 2006 2009; 19(1 Suppl 1): S18 6.	Country	2005	Scientific literature
Chronic kidney disease Chronic kidney disease	United States Renal Data System Annual Data Report 2015  Brazilian Society of Nephrology. Brazilian Society of Nephrology Dialysis Census 2007.	Country	2003-2013	Disease registry Disease registry
·	Brazilian Society of Nephrology. Brazilian Society of Nephrology Dialysis Census 2002. São			
Chronic kidney disease	Paulo, Brazili: Brazilian Society of Nephrology.  Brazilian Society of Nephrology. Brazilian Society of Nephrology Dialysis Census 2005. São	Country	2002	Disease registry
Chronic kidney disease	Paulo, Brazil: Brazilian Society of Nephrology.	Country	2005	Disease registry
Chronic kidney disease	Brazilian Society of Nephrology. Brazilian Society of Nephrology Dialysis Census 2006. São Paulo, Brazil: Brazilian Society of Nephrology.	Country	2003-2006	Disease registry
Chronic kidney disease	Ferna'ndez-Cean J, Gonza'lez-Marti'nez F, Schwedt E, Mazzuchi N. Renal replacement therapy in Latin America 2000; 57(s74): 55-59.		1997	Scientific literature
Cirionic Kuriey disease	Cusumano A, Garcia-Garcia G, Di Gioia C, Hermida O, Lavorato C, Carreño CA, Torrico MP,		1557	Scientific literature
	Batista PB, Romão JE, Badal HP, Miranda SE, Gomez R, Calderon MC, Sanchez SH, Lopez MA, Moscoso J, Merino RL, Polo JV, Lopez A, Romero NJ, Garcia R, Acosta BV, Lopez AS, Delpin ES,			
	Mena E, González C, Milanés CL, Acchiardo S. End-stage renal disease and its treatment in			
Chronic kidney disease	Latin America in the twenty-first century 2006; 28(8): 631-7.  Santiago-Delpín EA, García VD. Latin American Transplant Registry VIIIth Report: 1998 1999;	Country	2004	Scientific literature
Chronic kidney disease	31(1-2): 214-6.		1995-1997	Scientific literature
Chronic kidney disease	transplants in Brazil: report of the Brazilian Registry of Renal Transplantation 1990; 5(11): 956-61.		1987-1989	Scientific literature
	Brazilian Society of Nephrology. Brazilian Society of Nephrology Dialysis Census 2000. São			
Chronic kidney disease	Paulo, Brazilian Society of Nephrology.  Brazilian Society of Nephrology. Brazilian Society of Nephrology Dialysis Census 2001. São	Country	2000	Disease registry
Chronic kidney disease	Paulo, Brazil: Brazilian Society of Nephrology.	Country	2001	Disease registry
Chronic kidney disease	Brazilian Society of Nephrology. Brazilian Society of Nephrology Dialysis Census 2004. São Paulo, Brazili Brazilian Society of Nephrology.	Country	1999-2004	Disease registry
	Brazilian Society of Nephrology. Brazilian Society of Nephrology Dialysis Census 1999. São			
Chronic kidney disease	Paulo, Brazil: Brazilian Society of Nephrology.  Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health	Country	1999	Disease registry
	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Interstitial nephritis and urinary tract infections Interstitial nephritis and urinary tract infections	Survey 2008-2009.  Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.	São Paulo	2002-2008 2008-2017	Survey Administrative record
Interstitial nephritis and urinary tract infections	Brazil World Health Survey 2003	Country	2002-2003	Survey
Interstitial nephritis and urinary tract infections Interstitial nephritis and urinary tract infections	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.  Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.		1998-2007 2008-2017	Administrative record Administrative record
Interstitial nephritis and urinary tract infections	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.		1998-2007	Administrative record
	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
Interstitial nephritis and urinary tract infections	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Interstitial nephritis and urinary tract infections	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil: Ministry of Health (Brazil).	Country	1993-1997	Administrative record
Urolithiasis Urolithiasis	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.		2013-2017 2008-2012	Administrative record Administrative record
Urolithiasis	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.  Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.		2003-2007	Administrative record
Urolithiasis	Brazil World Health Survey 2003  Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:	Country	2002-2003	Survey
Urolithiasis	Ministry of Health (Brazil).	Country	1993-1997	Administrative record
	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Urolithiasis	Survey 2008-2009.	São Paulo	2002-2008	Survey
Urolithiasis	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.  Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of		1998-2002	Administrative record
	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
Urolithiasis	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).  Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:	Country	2013-2014	Survey
Benign prostatic hyperplasia	Ministry of Health (Brazil).	Country	1993-1997	Administrative record
Benign prostatic hyperplasia Benign prostatic hyperplasia	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.  Brazil World Health Survey 2003	Country	2013-2017 2002-2003	Administrative record Survey
	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of	Country	2002-2003	Survey
Benign prostatic hyperplasia	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Benign prostatic hyperplasia  Benign prostatic hyperplasia	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.	Country	2013-2014	Administrative record
	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Benign prostatic hyperplasia	Survey 2008-2009.	São Paulo	2002-2008	Survey
Benign prostatic hyperplasia Benign prostatic hyperplasia	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.  Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.		2008-2012 1998-2002	Administrative record Administrative record
Gynecological diseases	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.		2008-2012	Administrative record

Gynecological diseases	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil: Ministry of Health (Brazil).	Country	1993-1997	Administrative record
Gynecological diseases	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.	,	1998-2002	Administrative record
Gynecological diseases	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.		2003-2007	Administrative record
Gynecological diseases Uterine fibroids	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.  Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.		2013-2017 2013-2017	Administrative record Administrative record
oterme horoids	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:		2015 2017	Administrative record
Uterine fibroids	Ministry of Health (Brazil).	Country	1993-1997	Administrative record
Uterine fibroids	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.  Zimmermann A, Bernuit D, Gerlinger C, Schaefers M, Geppert K. Prevalence, symptoms and		1998-2002	Administrative record
	management of uterine fibroids: an international internet-based survey of 21,746 women.			
Uterine fibroids	2012; 12: 6.		2009	Scientific literature
	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
Uterine fibroids	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Uterine fibroids	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.		2008-2012	Administrative record
Uterine fibroids	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.		2003-2007	Administrative record
Uterine fibroids	Brazil World Health Survey 2003  Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health	Country	2002-2003	Survey
	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Uterine fibroids	Survey 2008-2009.	São Paulo	2002-2008	Survey
Polycystic ovarian syndrome	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.	Country	2013-2017	Administrative record
Polycystic ovarian syndrome	Brazil World Health Survey 2003  Melo AS, Vieira CS, Barbieri MA, Rosa-E-Silva ACJS, Silva AAM, Cardoso VC, Reis RM, Ferriani	Country	2002-2003	Survey
	RA, Silva-de-Sá MF, Bettiol H. High prevalence of polycystic ovary syndrome in women born			
Polycystic ovarian syndrome	small for gestational age 2010; 25(8): 2124-31.		2007-2008	Scientific literature
Polycystic ovarian syndrome	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.  Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health		2008-2012	Administrative record
	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Polycystic ovarian syndrome	Survey 2008-2009.	São Paulo	2002-2008	Survey
Debender and a series	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil: Ministry of Health (Brazil).	Country	1993-1997	Administrative record
Polycystic ovarian syndrome	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of	Country	1995-1997	Autilitisti ative record
	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
Polycystic ovarian syndrome	Janeiro, Brazili Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Polycystic ovarian syndrome Polycystic ovarian syndrome	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.  Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.		1998-2002 2003-2007	Administrative record Administrative record
Endometriosis	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.  Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.		2003-2007	Administrative record
Endometriosis	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.		1998-2002	Administrative record
	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health			
Endometriosis	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health	São Davil	2002 2000	Cunio
Endometriosis Endometriosis	Survey 2008-2009. Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.	São Paulo	2002-2008	Survey Administrative record
Endometriosis	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.		2013-2017	Administrative record
	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:	_		
Endometriosis Endometriosis	Ministry of Health (Brazil).  Brazil World Health Survey 2003	Country	1993-1997 2002-2003	Administrative record Survey
Endometriosis	Brazili World Health Survey 2003  Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of	Country	2002-2003	Survey
	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
Endometriosis	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Genital prolapse	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.		1998-2002	Administrative record
Genital prolapse	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.  Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of		2013-2017	Administrative record
	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
Genital prolapse	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health			
Genital prolapse	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health Survey 2008-2009.	São Paulo	2002-2008	Survey
Gerittai proiapse	Araujo MP, Giräao, Manoel Joäao Batista Castello, Giräao, Manoel Joäao Batista Castello,	Jao r auto	2002-2000	Survey
	Sartori, Marair Gracio Ferreira. Pelvic floor disorders among indigenous women living in Xingu			
Genital prolapse	Indian Park, Brazil 2009; 20(9): 1079-84.		2006	Scientific literature
Genital prolapse Genital prolapse	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.  Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.		2003-2007	Administrative record Administrative record
Gerittai proiapse	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:		2000-2012	Administrative record
Genital prolapse	Ministry of Health (Brazil).	Country	1993-1997	Administrative record
Genital prolapse	Brazil World Health Survey 2003	Country	2002-2003	Survey
Premenstrual syndrome	Silva CML da, Gigante DP, Carret MLV, Fassa AG. Population study of premenstrual syndrome.  . 2006; 40(1): 47-56.		2003	Scientific literature
Tremense dar syndrome	Heinemann LAJ, Minh TD, Filonenko A, Uhl-Hochgräber K. Explorative evaluation of the impact		2003	Scientific interacture
Premenstrual syndrome	of severe premenstrual disorders on work absenteeism and productivity 2010; 20(1): 58-65.		2007	Scientific literature
	Silva CML da, Gigante DP, Minten GC. Premenstrual symptoms and syndrome according to			
Premenstrual syndrome	age at menarche in a 1982 birth cohort in southern Brazil 2008; 24(4): 835-44.  Melo-Reis PR de, Naoum PC, Diniz-Filho JAF, Dias-Penna KGB, Mesquita MM de, Balestra FA,		2004-2005	Scientific literature
	Ternes YMF, Mascarenhas C do C, Chen LC. Prevalence of thalassemias and variant			
Thalassemias	hemoglobins in the state of Goiás, Brazil 2006; 42(6): 42530.		2003-2004	Scientific literature
	Carlos AM, Souza RA, Souza BM, Pereira Gde A, Tostes Junior S, Martins PR, Moraes-Souza H.			
Thalassemias	Hemoglobinopathies in newborns in the southern region of the Triangulo Mineiro, Brazil.  Cross-sectional study 2015; 133(5): 439-44.		2011-2013	Scientific literature
	Wagner SC, de Castro SM, Gonzalez TP, Santin AP, Zaleski CF, Azevedo LA, Dreau H,		2011-2013	-ciciiane literature
	Henderson S, Old J, Hutz MH. Neonatal screening for hemoglobinopathies: results of a public			
Thalassemias	health system in South Brazil 2010; 14(4): 565-9.  SM. Newborn screening program for hemoglobinopathies in Rio de Janeiro, Brazil 2014;		2004-2007	Scientific literature
Thalassemias	SM. Newborn screening program for hemoglobinopathies in Rio de Janeiro, Brazil 2014; 61(1): 34-9.		2000-2010	Scientific literature
Thalassemias	Sickle Cell and Thalassemias Prevalence Data, Personal Correspondence with David		1995-2010	Estimate
	Zago MA, Costa FF, Tone LG, Bottura C. Hereditary hemoglobin disorders in a Brazilian			
Thalassemias	population 1983; 33(2): 125-9.		1979-1982	Scientific literature
	Watanabe AM, Pianovski MAD, Zanis Neto J, Lichtvan LCL, Chautard-Freire-Maia EA, Domingos MT, Wittig EO. [Prevalence of hemoglobin S in the State of Parana, Brazil, based on			
Sickle cell disorders	neonatal screening] 2008; 24(5): 993@000.		2002-2004	Scientific literature
	Paixao MC, Cunha Ferraz MH, Januario JN, Viana MB, Lima JM. Reliability of			
Clable and discort	isoelectrofocusing for the detection of Hb S, Hb C, and HB D in a pioneering population-based			Calandia III
Sickle cell disorders	isoelectrofocusing for the detection of Hb S, Hb C, and HB D in a pioneering population-based program of newborn screening in Brazil 2001; 25(3): 297303.		1998	Scientific literature
Sickle cell disorders Sickle cell disorders	isoelectrofocusing for the detection of Hb S, Hb C, and HB D in a pioneering population-based		1998 2000-2010	Scientific literature Scientific literature
	Isoelectrofocusing for the detection of Hb S, Hb C, and HB D in a pioneering population-based program of newborn screening in Brazil. 2001; 25(3): 297303.  SM. Newborn screening program for hemoglobinopathies in Rio de Janeiro, Brazil. 2014; 51(1): 34-9.  Naoum PC, Angulo I de L, Brandao AC, Graciano RA, Spir M, Nomura E, Anjos ID. [Detection			
Sickle cell disorders	Isoelectrofocusing for the detection of Hb S, Hb C, and HB D in a pioneering population-based program of newborn screening in Brazil. 2001; 25(3): 297803.  SM. Newborn screening program for hemoglobinopathies in Rio de Janeiro, Brazil. 2014; 61(1): 34-9.  Naoum PC, Angulo I de L, Brandao AC, Graciano RA, Spir M, Nomura E, Anjos ID. [Detection and awareness of patients with hemoglobinopathies in the regions of Sao Jose do Rio Preto		2000-2010	Scientific literature
	Isoelectrofocusing for the detection of Hb S, Hb C, and HB D in a pioneering population-based program of newborn screening in Brazil. 2001; 25(3): 29703.  SM. Newborn screening program for hemoglobinopathies in Rio de Janeiro, Brazil. 2014; 61(1): 34-9.  Naum PC, Angulo I de L, Brandao AC, Graciano RA, Spir M, Nomura E, Anjos ID. [Detection and awareness of patients with hemoglobinopathies in the regions of Sao Jose do Rio Preto and Presidente Prudente, SP (Brazill). 1935; 13(4): 36432.			
Sickle cell disorders	Isoelectrofocusing for the detection of Hb S, Hb C, and HB D in a pioneering population-based program of newborn screening in Brazil. 2001; 25(3): 297803.  SM. Newborn screening program for hemoglobinopathies in Rio de Janeiro, Brazil. 2014; 61(1): 34-9.  Naoum PC, Angulo I de L, Brandao AC, Graciano RA, Spir M, Nomura E, Anjos ID. [Detection and awareness of patients with hemoglobinopathies in the regions of Sao Jose do Rio Preto		2000-2010	Scientific literature
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Sickle cell disorders Sickle cell disorders Sickle cell disorders	Isoelectrofocusing for the detection of Hb S, Hb C, and HB D in a pioneering population-based program of newborn screening in Brazil. 2001; 25(3): 297303.  SM. Newborn screening program for hemoglobinopathies in Rio de Janeiro, Brazil. 2014; 61(1): 34-9.  Naoum PC, Angulo I de L, Brandao AC, Graciano RA, Spir M, Nomura E, Anjos ID. [Detection and awareness of patients with hemoglobinopathies in the regions of Sao Jose do Rio Preto and Presidente Prudente, PG (Brazill). 1935; 19(4): 36432.  Pinheiro LS, Gonçalves RP, Tomé CAS, Alcântara AEE, Marques ARC, Silva MM da. Prevalência de hemoglobina S em recém-nascidos de Fortalera: importância da investigação neonatal. 2006; 28(2): 122-5.  Azevêdo ES, Alves AF, Da Silva MC, Souza MG, Muniz Dias Lima AM, Azevedo WC. Distribution of abnormal hemoglobins and glucose-6-phosphate dehydrogenase variants in 1200 school		2000-2010 1983-1984 2001-2002	Scientific literature  Scientific literature  Scientific literature
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Sickle cell disorders	isoelectrofocusing for the detection of Hib S., Hib C., and HiB D in a pioneering population-based program of newborn screening in Brazil. 2001; 25(3): 2793(3).  SM. Newborn screening program for hemoglobinopathies in Rio de Janeiro, Brazil. 2014; 61(1): 34-9.  Naum PC, Angulo I de L, Brandao AC, Graciano RA, Spir M, Nomura E, Anjos ID. [Detection and awareness of patients with hemoglobinopathies in the regions of Sao Jose do Rio Preto and Presidente Prudente, PG (Brazill). 1935; 19(4): 36432.  Pinheiro LS, Gonçalves RP, Tomé CAS, Alcântara AEE, Marques ARC, Silva MM da. Prevalência de hemoglobina Se em receim-nascidos de Fortaleza: importância da investigação neonatal. 2006; 28(2): 122-5.  Azevêdo ES, Alves AF, Do Silva MC, Souza MG, Muniz Dias Lima AM, Azevedo WC. Distribution of abnormal hemoglobins and glucose-6-phosphate dehydrogenase variants in 1200 school children of Bahia, Brazil. 1980; 53(4): 509-12.  Fonseca GHH, Souza R, Salemi VMC, Jardim CVP, Gualandro SFM. Pulmonary hypertension diagnosed by right heart catheterisation in sickle cell disease. 2012; 39(1): 112-8. with anemia in Amazonian children: a population-based, cross-sectional study. 2012; 7(5): e36341.  Brandelise S, Pinheiro V, Gabetta CS, Hambleton I, Serjeant B, Serjeant G. Newborn screening for sickle cell disease in Brazil: the Campinas experience. 2004; 26(1): 15-9.  Diniz D, Guedes C, Barbosa L, Taull PL, Magalhães I, Prevalence of sickle cell trait and sickle cell anemia among newborns in the Federal District, Brazil. 2004 to 2006. 2009; 25(1): 188-94.  De Araújo MCEE, Serafim ES, de Castro Ir WAP, de Medeiros TMD. Prevalence of abnormal hemoglobins in newborns in Natal, Rio Grande do Norte, Brazil. 2004; 20(1): 123-8.		2000-2010 1983-1984 2001-2002 1977-1979 2007-2010 2007 1992-2000	Scientific literature
Sickle cell disorders	isoelectrofocusing for the detection of His S., His C., and His D in a pioneering population-based program of newborn screening in Brazil. 2012; 25(3): 297303.  SM. Newborn screening program for hemoglobinopathies in Rio de Janeiro, Brazil. 2014; 61(1): 34-9.  Naoum PC, Angulo I de L, Brandao AC, Graciano RA, Spir M, Nomura E, Anjos ID. (Detection and awareness of patients with hemoglobinopathies in the regions of Sao Jose do Rio Preto and Presidente Prudente, PS (Brazill). 1935; 19(4): 36432.  Pinheiro LS, Gonçalves RP, Tomé CAS, Alcântara AEE, Marques ARC, Sliva MM da. Prevalência de hemoglobina S em recém-nascidos de Fortalera: importância da investigação neonatal. 2006; 28(2): 122-5.  Azevêdo ES, Alves AF, Da Silva MC, Souza MG, Muniz Dias Lima AM, Azevedo WC. Distribution of abnormal hemoglobins and glucose-6-phosphate dehydrogenase variants in 1200 school children of Bahia, Brazil. 1980; 53(4): 509-12.  Fonsca GHH, Souza R, Salemi VMC, Jardim CVP, Gualandro SFM. Pulmonary hypertension diagnosed by right heart catheterisation in sickle cell disease. 2012; 39(3): 112-8.  with anemia in Amazonian children: a population-based, cross-sectional study. 2012; 7(5): e36341.  Brandelise S, Pinheiro V, Gabetta CS, Hambleton I, Serjeant B, Serjeant G. Newborn screening for sickle cell disease in Brazil: the Campinas experience. 2004; 26(1): 15-9.  Diniz D, Guedes C, Barbosa L, Tauil PL, Magalhäes I, Prevalence of sickle cell trait and sickle cell anemia among newborns in the Federal District, Brazil. 2004 2006. 2009; 52(1): 188-94.  De Araújo MCPE, Serafim ESS, de Castro Jr WAP, de Medeiros TMD. Prevalence of abnormal hemoglobins in newborns in Natal, Rio Grande do Norte, Brazil. 2004; 20(1): 123-8.		2000-2010 1983-1984 2001-2002 1977-1979 2007-2010 2007 1992-2000 2004-2006	Scientific literature
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	of abnormal hemoglobins and glucose-6-phosphate dehydrogenase variants in 1200 school			
G6PD deficiency Endocrine, metabolic, blood, and immune	children of Bahia, Brazil 1980; 53(4): 509-12. Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.		1977-1979 2003-2007	Scientific literature Administrative record
	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health			
Endocrine, metabolic, blood, and immune disorders	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health Survey 2008-2009.	São Paulo	2002-2008	Survey
Endocrine, metabolic, blood, and immune Endocrine, metabolic, blood, and immune	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.  Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:		2013-2017	Administrative record
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Endocrine, metabolic, blood, and immune	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
disorders	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Endocrine, metabolic, blood, and immune Endocrine, metabolic, blood, and immune	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.  Brazil World Health Survey 2003	Country	2008-2012 2002-2003	Administrative record Survey
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	Bennett K, Cardiel MH, Ferraz MB, Riedemann P, Goldsmith CH, Tugwell P. Community screening for rheumatic disorder: cross cultural adaptation and screening characteristics of			
Rheumatoid arthritis	the COPCORD Core Questionnaire in Brazil, Chile, and Mexico 1997; 24(1): 160-8.		1994	Scientific literature
Low back and neck pain	Meucci RD, Fassa AG, Paniz VM, Silva MC, Wegman DH. Increase of chronic low back pain prevalence in a medium-sized city of southern Brazil 2013; 155.		2002-2010	Scientific literature
Low back and neck pain	Meziat Filho N, Coutinho ES, Azevedo e Silva G. Association between home posture habits and low back pain in high school adolescents 2015; 24(3): 425-33.		2012-2013	Scientific literature
	Almeida ICGB, Sá KN, Silva M, Baptista A, Matos MA, Lessa Í. Chronic low back pain prevalence			
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Low back and neck pain	pain and associated factors in students] 2011; 27(8): 1520-8.		2007	Scientific literature
	Mendoza-Sassi R, Béria JU, Fiori N, Bortolotto A. Prevalence of signs and symptoms, associated sociodemographic factors and resulting actions in an urban center in southern			
Low back and neck pain	Brazil 2006; 20(1): 22-8. Blay SL, Andreoli SB, Dewey ME, Gastal FL. Co-occurrence of chronic physical pain and		2000	Scientific literature
Low back and neck pain	psychiatric morbidity in a community sample of older people 2007; 22(9): 902-8.		2004	Scientific literature
Low back and neck pain	Onofrio AC, da Silva MC, Domingues MR, Rombaldi AJ. Acute low back pain in high school adolescents in Southern Brazil: prevalence and associated factors 2012; 21(7): 1234-40.		2009	Scientific literature
	associated factors of back pain in adults from southern Brazil: a population-based study			
Low back and neck pain Low back and neck pain	2011; 15(1): 31-6. Brazil World Health Survey 2003	Country	2007 2003	Scientific literature Survey
Low back and neck pain	Silva MCD, Fassa AG, Valle NCJ. [Chronic low back pain in a Southern Brazilian adult population: prevalence and associated factors] 2004; 20(2): 377-85.		2002	Scientific literature
Low back pain	Brazil World Health Survey 2003	Country	2002	Survey
Low back pain	Silva MCD, Fassa AG, Valle NCJ. [Chronic low back pain in a Southern Brazilian adult population: prevalence and associated factors] 2004; 20(2): 377-85.		2002	Scientific literature
	Meucci RD, Fassa AG, Paniz VM, Silva MC, Wegman DH. Increase of chronic low back pain			
Low back pain	prevalence in a medium-sized city of southern Brazil 2013; 155. associated factors of back pain in adults from southern Brazil: a population-based study		2002-2010	Scientific literature
Low back pain	2011; 15(1): 31-6. Blay SL, Andreoli SB, Dewey ME, Gastal FL. Co-occurrence of chronic physical pain and		2007	Scientific literature
Low back pain	psychiatric morbidity in a community sample of older people 2007; 22(9): 902-8.		2004	Scientific literature
Low back pain	Almeida ICGB, Sá KN, Silva M, Baptista A, Matos MA, Lessa Í. Chronic low back pain prevalence in the population of the city of Salvador 2008; 43(3): 96\( \textit{2}\)02.		2000	Scientific literature
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	Bellizzi S, Ali MM, Abalos E, Betran AP, Kapila J, Pileggi-Castro C, Vogel JP, Merialdi M. Are hypertensive disorders in pregnancy associated with congenital malformations in offspring?			
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Neural tube defects	. 2016; 16(1): 198. Institute for Health Metrics and Evaluation (IHME). IHME GBD DisMod Congenital Anomalies		2010-2011	Scientific literature
Neural tube defects	Birth Prevalence Estimates.	Global	1990-2016	Modeled data
Neural tube defects	Brazil World Health Survey 2003	Country	2002-2003	Survey
	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
Neural tube defects	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Neural tube defects	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:	Country	1993-1997	Administrative record
Neural tube defects	Ministry of Health (Brazil).  Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.	Country	2008-2012	Administrative record
Neural tube defects	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.		2003-2007	Administrative record
	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Neural tube defects	Survey 2008-2009.	São Paulo	2002-2008	Survey
Neural tube defects	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.  Leite DCF, de Mendonça JT, Cipolotti R, de Melo EV. Heart defects treatment in Sergipe:		1998-2002	Administrative record
Congenital heart anomalies	propose of resources' rationalization to improve care 2012; 27(2): 224-30.		2000-2009	Scientific literature
	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of			
Congenital heart anomalies	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Congenital heart anomalies	Brazil World Health Survey 2003	Country	2002-2003	Survey
Congenital heart anomalies	Institute for Health Metrics and Evaluation (IHME). IHME GBD DisMod Less Severe Congenital Heart Anomalies Birth Prevalence Estimates.	Global	1990-2015	Modeled data
Congenitarriear Canomanes	Tennant PWG, Pearce MS, Bythell M, Rankin J. 20-year survival of children born with	Global	1930-2013	Wodeled data
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Consended by several s	tetralogy of Fallot. Correlations with clinical, exercise, and echocardiographic findings 1995;		2000 2011	Calandific libraria
Congenital heart anomalies Congenital heart anomalies	91(8): 2214-9. Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.		2009-2011 2008-2012	Scientific literature Administrative record
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Congenital heart anomalies	south Brazil 2000; 74(5): 395-404.  Amorim LFP, Pires CAB, Lana AMA, Campos AS, Aguiar RALP, Tibúrcio JD, Siqueira AL, Mota		1989-1998	Scientific literature
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Congenital heart anomalies	29,770 newborn infants 2008; 84(1): 83-90.  Ministry of Health (Brazill, Brazil Hospital Information System 1999-2002		1990-2003 1998-2002	Scientific literature Administrative record
Congenital heart anomalies	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.  Bellizzi S, Ali MM, Abalos E, Betran AP, Kapila J, Pileggi-Castro C, Vogel JP, Merialdi M. Are		1998-2002	Autimisu ative record
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Orofacial clefts	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
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Orofacial clefts	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.		2013-2017	Administrative record
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Down syndrome	Survey 2008-2009.	São Paulo	2002-2008	Survey
Down syndrome	Castilla EE, Rittler M, Dutra MG, Lopez-Camelo JS, Campaña H, Paz JE, Orioli IM. Survival of			
	Castilla EE, Rittler M, Dutra MG, Lopez-Camelo JS, Campaña H, Paz JE, Orioli IM. Survival of children with Down syndrome in South America. ECLAMC-Downsurv Group. Latin American Collaborative Study of Congenital Malformations. 1998; 79(2): 108-11.		1988-1995	Scientific literature
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İ	Petry P, Polli JB, Mattos VF, Rosa RCM, Zen PRG, Graziadio C, Paskulin GA, Rosa RFM. Clinical	i	1 1	
	features and prognosis of a sample of patients with trisomy 13 (Patau syndrome) from Brazil			
Other chromosomal abnormalities	2013; 161A(6): 1278 <b>8</b> 3.  Brazil Latin American Collaborative Study of Congenital Malformations Data 1993-1998 -		1975-2012	Scientific literature
Other chromosomal abnormalities	WHO as it appears in Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health	Country	1993-1998	Disease registry
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Congenital musculoskeletal and limb anomalies Congenital musculoskeletal and limb anomalies	Survey 2008-2009.  Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.	São Paulo	2002-2008 2013-2017	Survey Administrative record
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Congenital musculoskeletal and limb anomalies	Brazil World Health Survey 2003  Bellizzi S, Ali MM, Abalos E, Betran AP, Kapila J, Pileggi-Castro C, Vogel JP, Merialdi M. Are	Country	2002-2003	Survey
	hypertensive disorders in pregnancy associated with congenital malformations in offspring? Evidence from the WHO Multicountry cross sectional survey on maternal and newborn health.			
Congenital musculoskeletal and limb anomalies	. 2016; 16(1): 198.		2010-2011	Scientific literature
Congenital musculoskeletal and limb anomalies	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil: Ministry of Health (Brazil).	Country	1993-1997	Administrative record
Congenital musculoskeletal and limb anomalies	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.	Country	2003-2007	Administrative record
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Congenital musculoskeletal and limb anomalies	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
	Bellizzi S, Ali MM, Abalos E, Betran AP, Kapila J, Pileggi-Castro C, Vogel JP, Merialdi M. Are hypertensive disorders in pregnancy associated with congenital malformations in offspring?			
Urogenital congenital anomalies	Evidence from the WHO Multicountry cross sectional survey on maternal and newborn health 2016; 16(1): 198.		2010-2011	Scientific literature
Orogenical Congenical anomalies	Sircili MHP, e Silva FA de Q, Costa EMF, Brito VN, Arnhold IJP, Dénes FT, Inacio M, de		2010-2011	Scientific literature
Urogenital congenital anomalies	Mendonca BB. Long-term surgical outcome of masculinizing genitoplasty in large cohort of patients with disorders of sex development 2010; 184(3): 1122 .		1965-2008	Scientific literature
Or ogenical Congenital anomalies	Brazil Latin American Collaborative Study of Congenital Malformations Data 1993-1998 -		1903-2008	Scientific literature
Urogenital congenital anomalies	WHO as it appears in Melo BF, Aguiar MB, Bouzada MC, Aguiar RL, Pereira AK, Paixao GM, Linhares MC, Valerio FC,	Country	1993-1998	Disease registry
	Simoes E Silva AC, Oliveira EA. Early risk factors for neonatal mortality in CAKUT: analysis of			
Urogenital congenital anomalies	524 affected newborns 2012; 27(6): 965-72.  Brazil Latin American Collaborative Study of Congenital Malformations Data 1993-1998 -		1996-2006	Scientific literature
Digestive congenital anomalies	WHO as it appears in	Country	1993-1998	Disease registry
Dermatitis	Freitas MS, Monteiro JCS, Camelo-Nunes IC, Solé D. Prevalence of asthma symptoms and associated factors in schoolchildren from Brazilian Amazon islands 2012; 49(6): 600-5.		2007-2009	Scientific literature
	Castro LKK de, Cerci Neto A, Ferreira Filho OF. Prevalence of symptoms of asthma, rhinitis and		2. 2003	
Dermatitis	atopic eczema among students between 6 and 7 years of age in the city of Londrina, Brazil 2010; 36(3): 286-92.		2008	Scientific literature
	Williams H, Stewart A, Von Mutius E, Cookson W, Anderson HR. Is eczema really on the	_		
Dermatitis	increase worldwide 2008; 121(4): 947-954.  Odhiambo JA, Williams HC, Clayton TO, Robertson CF, Asher MI, ISAAC Phase Three Study	Country	1994-2003	Scientific literature
Damasalala	Group. Global variations in prevalence of eczema symptoms in children from ISAAC Phase		2000 2002	Calanatila lianna
Dermatitis	Three 2009; 124(6): 1251-1258.  Naspitz CK. Changes in the Prevalence of Asthma and Allergic Diseases among Brazilian		2000-2003	Scientific literature
Dtitle	Schoolchildren (13-14 years old): Comparison between ISAAC Phases One and Three 2006;		1994-2003	Calanatila lianna
Dermatitis	53(1): 1321. Garcia-Marcos L, Robertson CF, Ross Anderson H, Ellwood P, Williams HC, Wong GW. Does		1994-2003	Scientific literature
Dermatitis	migration affect asthma, rhinoconjunctivitis and eczema prevalence? Global findings from the international study of asthma and allergies in childhood 2014; 43(6): 1846-54.		2000-2003	Scientific literature
Defination	prevalence of rhinoconjunctivitis but not asthma and atopic eczema in teenagers 2005;		2000-2003	Scientific literature
Dermatitis	15(3): 183. Toledo MF, Rozov T, Leone C. Prevalence of asthma and allergies in 13- to 14-year-old		1995-2001	Scientific literature
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	Solé D, Mallol J, Wandalsen GF, Aguirre V, Latin American ISAAC Phase 3 Study Group.  Prevalence of symptoms of eczema in Latin America: results of the International Study of			
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Dermatitis	infections and immunizations with asthma and allergic sensitization in ISAAC Phase Two 2012; 23(8): 737-46.		1995-2005	Scientific literature
	Sole D, Rosario Filho NA, Sarinho ES, Camelo-Nunes IC, Barreto BA, Medeiros ML, Franco JM,			
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Dermatitis	2012) 2015; 91(1): 30-5. Palvo F, Toledo EC, Menin AM, Jorge PP, Godoy MF, Sole´ D. Risk factors of childhood asthma		2003-2012	Scientific literature
Dermatitis	in Sao Jose do Rio Preto, Sao Paulo, Brazil 2008; 54(4): 253-7.		2003-2004	Scientific literature
Dermatitis	Camelo-Nunes IC, Wandalsen GF, Melo KC, Naspitz CK, Solé D. [Prevalence of atopic eczema and associated symptoms in school children] 2004; 80(1): 60%.		1996-1999	Scientific literature
Defination	Tejada C dos S, Mendoza-Sassi RA, Almeida HL de Jr, Figueiredo PN, Tejada VF dos S. Impact		1990-1999	
Dermatitis	on the quality of life of dermatological patients in southern Brazil. 2011; 86(6): 1113-21.  Fuji R, Mould JFJ, Tang B. Burden of disease in patients with diagnosed psoriasis in Brazil:		2008-2009	Scientific literature
Psoriasis	results from 2011 national health and wellness survey (NHWS) 2012; 15: A107.		2011	Scientific literature
Cellulitis	Brazil World Health Survey 2003  Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:	Country	2002-2003	Survey
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Pyoderma Pyoderma	Ministry of Health (Brazil).  Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.	Country	1993-1997 2003-2007	Administrative record Administrative record
Pyoderma	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.		1998-2002	Administrative record
	Bechelli LM, Haddad N, Pimenta WP, Pagnano PM, Melchior E Jr, Fregnan RC, Zanin LC, Arenas A. Epidemiological survey of skin diseases in schoolchildren living in the Purus Valley (Acre			
Scables	State, Amazonia, Brazil) 1981; 163(1): 78-93.		1974-1975	Scientific literature
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Scables	2009; 60(3): 436-43.		2003	Scientific literature
Scables	Heukelbach J, Wilcke T, Winter B, Feldmeier H. Epidemiology and morbidity of scables and pediculosis capitis in resource-poor communities in Brazil 2005; 153(1): 150-6.		2001	Scientific literature
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Acne vulgaris	reported acne in 18-year-old adolescent males 2013; 52(8): 946-8.  Bechelli LM, Haddad N, Pimenta WP, Pagnano PM, Melchior E Jr, Fregnan RC, Zanin LC, Arenas		2010-2012	Scientific literature
Acno vulgaris	A. Epidemiological survey of skin diseases in schoolchildren living in the Purus Valley (Acre		1074 4075	Scientific literature
Acne vulgaris	State, Amazonia, Brazil) 1981; 163(1): 78-93.		1974-1975	Scientific literature

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	A. Epidemiological survey of skin diseases in schoolchildren living in the Purus Valley (Acre			
Alopecia areata	State, Amazonia, Brazil). 1981; 163(1): 78-93.  Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:		1974-1975	Scientific literature
Decubitus ulcer	Ministry of Health (Brazil).	Country	1993-1997	Administrative record
Decubitus ulcer Decubitus ulcer	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.  Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.		2003-2007 1998-2002	Administrative record Administrative record
Decubitus ulcer	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.		2013-2017	Administrative record
Decubitus ulcer	Ministry of Health (Brazill). Brazil Hospital Information System 2008-2012. Health Institute (São Paulo, Brazill), State University of Campinas, São Paulo Municipal Health Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health		2008-2012	Administrative record
Decubitus ulcer	Survey 2008-2009.	São Paulo	2002-2008	Survey
Decubitus ulcer	Brazil World Health Survey 2003  Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de	Country	2002-2003	Survey
Decubitus ulcer	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).  Arieta CEL, de Oliveira DF, Lupinacci AP de C, Novaes P, Paccola M, Jose NK, Limburg H.	Country	2013-2014	Survey
Glaucoma	Cataract remains an important cause of blindness in Campinas, Brazil 2009; 16(1): 58-63.		2003	Scientific literature
Glaucoma	International Centre for Eye Health (ICEH). Brazil - Campinas Rapid Assessment of Avoidable Blindness 2004. Grootebroek, Netherlands: RAAB Repository.	São Paulo	2003	Survey
Cidaconia	Araújo Filho A, Salomão SR, Berezovsky A, Cinoto RW, Morales PHA, Santos FRG, Belfort R Jr.	500 1 0010	2003	Survey
Glaucoma	Prevalence of visual impairment, blindness, ocular disorders and cataract surgery outcomes in low-income elderly from a metropolitan region of São Paulo-Brazil 2008; 71(2): 246-53.		2002	Scientific literature
	Prevalence and causes of visual impairment in a Brazilian population: the Botucatu Eye Study.			
Glaucoma	. 2009; 9: 8.  Prevalence and causes of visual impairment in a Brazilian population: the Botucatu Eye Study.		2006-2007	Scientific literature
Cataract	. 2009; 9: 8. International Centre for Eye Health (ICEH). Brazil - Campinas Rapid Assessment of Avoidable		2006-2007	Scientific literature
Cataract	Blindness 2004. Grootebroek, Netherlands: RAAB Repository.	São Paulo	2003	Survey
	Araújo Filho A, Salomão SR, Berezovsky A, Cinoto RW, Morales PHA, Santos FRG, Belfort R Jr. Prevalence of visual impairment, blindness, ocular disorders and cataract surgery outcomes in			
Cataract	low-income elderly from a metropolitan region of São Paulo-Brazil 2008; 71(2): 246-53.		2002	Scientific literature
Cataract	Arieta CEL, de Oliveira DF, Lupinacci AP de C, Novaes P, Paccola M, Jose NK, Limburg H.  Cataract remains an important cause of blindness in Campinas, Brazil 2009; 16(1): 58-63.		2003	Scientific literature
	International Centre for Eye Health (ICEH). Brazil - Campinas Rapid Assessment of Avoidable			
Macular degeneration	Blindness 2004. Grootebroek, Netherlands: RAAB Repository.  Prevalence and causes of visual impairment in a Brazilian population: the Botucatu Eye Study.	São Paulo	2003	Survey
Macular degeneration	. 2009; 9: 8.		2006-2007	Scientific literature
	Araújo Filho A, Salomão SR, Berezovsky A, Cinoto RW, Morales PHA, Santos FRG, Belfort R Jr. Prevalence of visual impairment, blindness, ocular disorders and cataract surgery outcomes in			
Macular degeneration	low-income elderly from a metropolitan region of São Paulo-Brazil 2008; 71(2): 246-53.		2002	Scientific literature
Refraction and accommodation disorders	Brazil World Health Survey 2003  Araújo Filho A, Salomão SR, Berezovsky A, Cinoto RW, Morales PHA, Santos FRG, Belfort R Jr.	Country	2003	Survey
	Prevalence of visual impairment, blindness, ocular disorders and cataract surgery outcomes in			
Refraction and accommodation disorders	low-income elderly from a metropolitan region of São Paulo-Brazil 2008; 71(2): 246-53.  Arieta CEL, de Oliveira DF, Lupinacci AP de C, Novaes P, Paccola M, Jose NK, Limburg H.		2002	Scientific literature
Refraction and accommodation disorders	Cataract remains an important cause of blindness in Campinas, Brazil 2009; 16(1): 58-63.		2003	Scientific literature
	Moraes Ibrahim F, Moraes Ibrahim M, Pomepo de Camargo JR, Veronese Rodrigues M de L, Scott IU, Silva Paula J. Visual impairment and myopia in Brazilian children: a population-based			
Refraction and accommodation disorders	study 2013; 90(3): 223-7.		2007	Scientific literature
Refraction and accommodation disorders	International Centre for Eye Health (ICEH). Brazil - Campinas Rapid Assessment of Avoidable Blindness 2004. Grootebroek, Netherlands: RAAB Repository.	São Paulo	2003	Survey
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Age-related and other hearing loss	based survey of an urban locality in southern Brazil 2007; 21(6): 381-7.		2003	Scientific literature
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Age-related and other hearing loss	Rondonia, Brazil 2013; 47(2): 309-15.	Rondonia	2005-2007	Scientific literature
Age-related and other hearing loss Age-related and other hearing loss	Brazil Demographic Census 2010 - IPUMS Brazil General Census 2000 - IPUMS	Country	2010 2000	Census Census
Age-related and other hearing loss	Brazil General Census 1991 - IPUMS	Country	1991	Census
Age-related and other hearing loss	Bevilacqua MC, Alvarenga K de F, Costa OA, Moret ALM. The universal newborn hearing screening in Brazil: from identification to intervention 2010; 74(5): 510-5.	Country	2007-2009	Scientific literature
	Araújo Filho A, Salomão SR, Berezovsky A, Cinoto RW, Morales PHA, Santos FRG, Belfort R Jr.			
Other vision loss	Prevalence of visual impairment, blindness, ocular disorders and cataract surgery outcomes in low-income elderly from a metropolitan region of São Paulo-Brazil 2008; 71(2): 246-53.		2002	Scientific literature
Other vicina less	International Centre for Eye Health (ICEH). Brazil - Campinas Rapid Assessment of Avoidable	£ão Doulo	2002	Suprov
Other vision loss	Blindness 2004. Grootebroek, Netherlands: RAAB Repository.  Almeida TF de, Vianna MIP, Cabral MBB de S, Cangussu MCT, Floriano FR. Family context and	São Paulo	2003	Survey
Caries of deciduous teeth	incidence of dental caries in preschool children living in areas covered by the Family Health Strategy in Salvador, Bahia State, Brazil 2012; 28(6): 1183-95.		2007-2008	Scientific literature
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Caries of deciduous teeth	preschool children in Diadema, Brazil 2002; 12(3): 183-8.		1995-1999	Scientific literature
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Caries of permanent teeth	Narvai PC, Castellanos RA, Frazão P. Dental caries prevalence in permanent teeth of schoolchildren in Brazil, 1970-1996 2000; 34(2): 196-200.		1986-1996	Scientific literature
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Periodontal diseases	of increased probing depth in an adult Brazilian population 2005; 32(2): 123-9.		2001	Scientific literature
Periodontal diseases	Dini EL, Guimarães LO. Periodontal conditions and treatment needs (CPITN) in a worker population in Araraquara, SP, Brazil 1994; 44(4): 309-11.		1992-1993	Scientific literature
Periodontal diseases	Flores-de-Jacoby L, Bruchmann S, Mengel R, Zafiropoulos GG. Periodontal conditions in Rio de		1988	Scientific literature
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Periodontal diseases	in the city of Guarulhos (SP), Brazil, 2006] 2011; 14(3): 495-507.  Gaio EJ, Haas AN, Carrard VC, Oppermann RV, Albandar J, Susin C. Oral health status in elders		2006	Scientific literature
Edentulism and severe tooth loss Edentulism and severe tooth loss	from South Brazil: a population-based study 2012; 29(3): 214-23. Brazil World Health Survey 2003	Country	2001 2003	Scientific literature Survey
	Susin C, Valle P, Oppermann RV, Haugejorden O, Albandar JM. Occurrence and risk indicators	Country		
Edentulism and severe tooth loss	of increased probing depth in an adult Brazilian population 2005; 32(2): 123-9.  Paula AMB. Analysis of the normative conditions of oral health, depression and serotonin-		2001	Scientific literature
Edentulism and severe tooth loss	transporter-linked promoter region polymorphisms in an elderly population 2013; 13(1): 98- 106.		2011	Scientific literature
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Edantulism and covers tooth loss	Cognitive impairment, the Mini-Mental State Examination and socio-demographic and dental variables in the elderly in Brazil 2012; 29(2): e34-40.		2008-2009	Calontific literature
Edentulism and severe tooth loss	Ribeiro MTF, Rosa MAC da, Lima RMN de, Vargas AMD, Haddad JPA, Ferreira E Ferreira E.		2008-2009	Scientific literature
Edentulism and severe tooth loss	Edentulism and shortened dental arch in Brazilian elderly from the National Survey of Oral Health 2003 2011; 45(5): 817-23.		2002-2003	Scientific literature
	Tôrres LH do N, da Silva DD, Neri AL, Hilgert JB, Hugo FN, Sousa M da LR de. Association			
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Edentulism and severe tooth loss	by oral health problems in adults and the elderly in a southeastern Brazilian city] 2012; 17(2): 397-406.		2008	Scientific literature
Edentulism and severe tooth loss	Moreira R da S, Nico LS, Tomita NE. [Spatial risk and factors associated with edentulism		2005	Calandific library
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Edentulism and severe tooth loss	frailty in community-dwelling elderly individuals in Brazil 2013; 61(5): 809-14.  Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Secretariat of		2006	Scientific literature
Edentulism and severe tooth loss	Health Surveillance, Ministry of Health (Brazil). Brazil National Oral Health Survey 2010. Rio de	Country	2010	S
Edentulism and severe tooth loss	Janeiro, Brazil: Ministry of Health (Brazil).  De Marchi RJ, Hugo FN, Hilgert JB, Padilha DMP. Association between number of teeth,	Country	2010	Survey
Edentulism and severe tooth loss	edentulism and use of dentures with percentage body fat in south Brazilian community- dwelling older people 2012; 29(2): e69-76.		2006	Scientific literature
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Edentulism and severe tooth loss	southeastern state 2009; 17(5): 392-6.  Cardoso EM, Parente RCP, Vettore MV, Rebelo MAB. Oral health conditions of elderly		2007	Scientific literature
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Edentulism and severe tooth loss	attachment loss in an untreated isolated population of Brazil 2008; 79(4): 610-20.		2005-2006	Scientific literature
Injuries	Centre for Research on the Epidemiology of Disasters (CRED). EM-DAT: The OFDA/CRED International Disaster Database. Brussels, Belgium: Catholic University of Leuven.	Global	1964-2015	Estimate
Road injuries	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil: Ministry of Health (Brazil).	Country	1993-1997	Administrative record
Road injuries	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.	Country	2008-2012	Administrative record
Road injuries	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.  Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of		2013-2017	Administrative record
Road injuries	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Road injuries	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.		2003-2007	Administrative record
Road injuries	Brazil World Health Survey 2003 Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.	Country	2002-2003 1998-2002	Survey Administrative record
Road injuries				
Road injuries	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			

	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Pedestrian road injuries	Survey 2008-2009.	São Paulo	2002-2008	Survey
Pedestrian road injuries	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.  Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:		2008-2012	Administrative record
Pedestrian road injuries	Ministry of Health (Brazil).	Country	1993-1997	Administrative record
Pedestrian road injuries Pedestrian road injuries	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.  Brazil World Health Survey 2003	Country	2013-2017 2002-2003	Administrative record Survey
reaestrian road injunes	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of	Country	2002-2003	Julvey
Pedestrian road injuries	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de	Country	2013-2014	Survey
Pedestrian road injuries Pedestrian road injuries	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).  Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.	Country	1998-2002	Administrative record
	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of			
Cyclist road injuries	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Cyclist road injuries	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.	country	1998-2002	Administrative record
Cyclist road injuries Cyclist road injuries	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.  Brazil World Health Survey 2003	Country	2008-2012 2002-2003	Administrative record Survey
Cyclist road injuries	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health	Country	2002-2003	Survey
Coellet are ad laboritor	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health	ca - pl-	2002 2000	C
Cyclist road injuries Cyclist road injuries	Survey 2008-2009.  Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.	São Paulo	2002-2008	Survey Administrative record
Cyclist road injuries	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.		2013-2017	Administrative record
Cyclist road injuries	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil: Ministry of Health (Brazil).	Country	1993-1997	Administrative record
Motorcyclist road injuries	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.	Country	2003-2007	Administrative record
	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of			
Motorcyclist road injuries	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Motorcyclist road injuries	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.		1998-2002	Administrative record
	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Motorcyclist road injuries	Survey 2008-2009.	São Paulo	2002-2008	Survey
Motorcyclist road injuries	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.		2013-2017	Administrative record
Motorcyclist road injuries	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil: Ministry of Health (Brazil).	Country	1993-1997	Administrative record
Motorcyclist road injuries	Brazil World Health Survey 2003	Country	2002-2003	Survey
Motorcyclist road injuries	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.  Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:		2008-2012	Administrative recor
Motor vehicle road injuries	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil: Ministry of Health (Brazil).	Country	1993-1997	Administrative recor
Motor vehicle road injuries	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.	,	2013-2017	Administrative record
Motor vehicle road injuries	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.  Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health		2003-2007	Administrative record
	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Motor vehicle road injuries	Survey 2008-2009.	São Paulo	2002-2008	Survey
	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
Motor vehicle road injuries	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Motor vehicle road injuries  Motor vehicle road injuries	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.  Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.		2008-2012 1998-2002	Administrative record Administrative record
Motor vehicle road injuries	Brazil World Health Survey 2003	Country	2002-2003	Survey
Other road injuries	Brazil World Health Survey 2003	Country	2002-2003	Survey
Other road injuries	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.  Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of		2013-2017	Administrative recor
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Other road injuries	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
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Other road injuries	Survey 2008-2009.  Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of	São Paulo	2002-2008	Survey
	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
Other transport injuries	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey Administrative recor
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	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
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Other transport injuries	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.		2003-2007	Administrative recor
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Other transport injuries	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.		2008-2012	Administrative recor
Falls	Brazil World Health Survey 2003  Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health	Country	2002-2003	Survey
	Department, São Paulo State University of Campinas, São Paulo Municipal Health  Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Falls	Survey 2008-2009.	São Paulo	2002-2008	Survey
Falls	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.  Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:		2008-2012	Administrative recor
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Falls	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Drowning	Brazil World Health Survey 2003	Country	2013-2014	Survey
	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:			
Drowning	Ministry of Health (Brazil).  Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of	Country	1993-1997	Administrative recor
	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
Drowning	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey Administrative recor
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Drowning	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.		1998-2002	Administrative recor
Drowning	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.		2013-2017	Administrative recor
Fire, heat, and hot substances Fire, heat, and hot substances	Brazil World Health Survey 2003  Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.	Country	2002-2003 2013-2017	Survey Administrative recor
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Fire, heat, and hot substances	Survey 2008-2009.  Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:	São Paulo	2002-2008	Survey
Fire, heat, and hot substances	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:	Country	1993-1997	Administrative recor
Fire, heat, and hot substances	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.		1998-2002	Administrative recor
Fire, heat, and hot substances	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.  Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of		2003-2007	Administrative recor
	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
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Fire, heat, and hot substances Fire, heat, and hot substances	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).  Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.	Country	2013-2014 2008-2012	Survey Administrative recor

Poisonings	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:		40	
Poisonings	Ministry of Health (Brazil). Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.	Country	1993-1997 2003-2007	Administrative record Administrative record
Poisonings	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.		1998-2002	Administrative record
Poisonings	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.		2008-2012	Administrative record
	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
Poisonings	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Poisonings	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.  Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health		2013-2017	Administrative record
	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Poisonings	Survey 2008-2009.	São Paulo	2002-2008	Survey
Exposure to mechanical forces	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.  Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of		2003-2007	Administrative record
	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
Exposure to mechanical forces Exposure to mechanical forces	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014 1998-2002	Survey
Exposure to mechanical forces Exposure to mechanical forces	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.  Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.		2008-2012	Administrative record Administrative record
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Exposure to mechanical forces Exposure to mechanical forces	Ministry of Health (Brazil).  Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.	Country	1993-1997 2013-2017	Administrative record Administrative record
Exposure to mechanical forces	Brazil World Health Survey 2003	Country	2002-2003	Survey
	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health			
Exposure to mechanical forces	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health Survey 2008-2009.	São Paulo	2002-2008	Survey
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	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
Unintentional firearm injuries	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).  Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health	Country	2013-2014	Survey
	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Unintentional firearm injuries	Survey 2008-2009.	São Paulo	2002-2008	Survey
Unintentional firearm injuries	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.  Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:		2008-2012	Administrative record
Unintentional firearm injuries	Ministry of Health (Brazil).	Country	1993-1997	Administrative record
Unintentional firearm injuries	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.		2003-2007	Administrative record
Unintentional firearm injuries Unintentional firearm injuries	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.  Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.		2013-2017 1998-2002	Administrative record Administrative record
Unintentional firearm injuries	Brazil World Health Survey 2003	Country	2002-2003	Survey
	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health			
Unintentional suffocation	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health Survey 2008-2009.	São Paulo	2002-2008	Survey
Unintentional suffocation	Brazil World Health Survey 2003	Country	2002-2003	Survey
Unintentional suffocation	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.  Ministry of Health (Brazil). Brazil Hospital Information System 1997. Plo de Janeiro. Brazil:		2008-2012	Administrative record
Unintentional suffocation	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil: Ministry of Health (Brazil).	Country	1993-1997	Administrative record
Unintentional suffocation	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.		2003-2007	Administrative record
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Unintentional suffocation	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Unintentional suffocation Other exposure to mechanical forces	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.  Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.		2013-2017 2003-2007	Administrative record Administrative record
other exposure to mechanical forces	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:		2003-2007	Administrative record
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Adverse effects of medical treatment	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.		1998-2002	Administrative record
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Adverse effects of medical treatment  Adverse effects of medical treatment	Ministry of Health (Brazil).  Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.	Country	1993-1997 2013-2017	Administrative record Administrative record
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Adverse effects of medical treatment	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.		2003-2007	Administrative record
Adverse effects of medical treatment	Brazil World Health Survey 2003  Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health	Country		
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	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health		2002-2003	
Adverse effects of medical treatment	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health Survey 2008-2009.	São Paulo	2002-2008	Survey
Animal contact	Survey 2008-2009. Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.	São Paulo	2002-2008 2013-2017	Survey Survey Administrative record
	Survey 2008-2009.	São Paulo	2002-2008 2013-2017 2008-2012	Survey
Animal contact Animal contact Animal contact	Survey 2008-2009. Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014. Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012. Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil: Ministry of Health (Brazil).	São Paulo Country	2002-2008 2013-2017 2008-2012 1993-1997	Survey  Survey  Administrative record  Administrative record
Animal contact Animal contact	Survey 2008-2009. Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014. Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012. Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil: Ministry of Health (Brazil). Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.		2002-2008 2013-2017 2008-2012	Survey  Survey  Administrative record  Administrative record
Animal contact Animal contact Animal contact Animal contact	Survey 2008-2009.  Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.  Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.  Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:  Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.  Health Institute (São Paulo, Brazil). State University of Campinas, São Paulo Municipal Health  Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health	Country	2002-2008 2013-2017 2008-2012 1993-1997 1998-2002	Survey Administrative record Administrative record Administrative record
Animal contact Animal contact Animal contact	Survey 2008-2009.  Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.  Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.  Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:  Ministry of Health (Brazil).  Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.  Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health Survey 2008-2009.		2002-2008 2013-2017 2008-2012 1993-1997	Survey  Survey  Administrative record  Administrative record
Animal contact Animal contact Animal contact Animal contact	Survey 2008-2009.  Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.  Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.  Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:  Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.  Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health  Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health  Survey 2008-2009.  Brazillan Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of	Country	2002-2008 2013-2017 2008-2012 1993-1997 1998-2002	Survey Administrative record Administrative record Administrative record
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Pulmonary aspiration and foreign body in airway	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
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Foreign body in other body part Foreign body in other body part	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.  Brazil World Health Survey 2003	Country	1998-2002 2002-2003	Administrative record Survey
	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of	Country	2502-2003	Jurvey
Environmental host and and a	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de		2042 224	·
Environmental heat and cold exposure	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).  Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health	Country	2013-2014	Survey
	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Environmental heat and cold exposure	Survey 2008-2009.  Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:	São Paulo	2002-2008	Survey
Environmental heat and cold exposure	Ministry of Health (Brazil).	Country	1993-1997	Administrative record
Environmental heat and cold exposure	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.		2008-2012	Administrative record
Environmental heat and cold exposure Environmental heat and cold exposure	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.  Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.		1998-2002 2013-2017	Administrative record Administrative record
Environmental heat and cold exposure	Brazil World Health Survey 2003	Country	2002-2003	Survey
Environmental heat and cold exposure	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.		2003-2007	Administrative record
Other unintentional injuries	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil: Ministry of Health (Brazil).	Country	1993-1997	Administrative record
Other unintentional injuries	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.	,	2013-2017	Administrative record
Other unintentional injuries	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.  Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of		2008-2012	Administrative record
	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
Other unintentional injuries	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Other unintentional injuries Other unintentional injuries	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.  Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.		1998-2002 2003-2007	Administrative record Administrative record
other dimiterational injuries	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health		2003 2007	Administrative record
	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Other unintentional injuries Other unintentional injuries	Survey 2008-2009. Brazil World Health Survey 2003	São Paulo Country	2002-2008	Survey
	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of			
Self-harm	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de	Country	2013-2014	Survey
Self-harm	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).  Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.	Country	2013-2014	Administrative record
Self-harm	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.		1998-2002	Administrative record
Self-harm	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012. Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health		2008-2012	Administrative record
	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Self-harm	Survey 2008-2009.  Attacked of Health (Brazill, Brazill Hersital Information System 1007, Big do Janairo, Brazill	São Paulo	2002-2008	Survey
Self-harm	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil: Ministry of Health (Brazil).	Country	1993-1997	Administrative record
Self-harm	Brazil World Health Survey 2003	Country	2002-2003	Survey
Self-harm Self-harm by firearm	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007. Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.		2003-2007	Administrative record Administrative record
	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of			
Self-harm by firearm	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de	Country	2013-2014	Cupiou
Self-harm by firearm	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE). Brazil World Health Survey 2003	Country	2002-2003	Survey Survey
Colf harm by firear-	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:		1002	Administration
Self-harm by firearm Self-harm by firearm	Ministry of Health (Brazil). Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.	Country	1993-1997 1998-2002	Administrative record Administrative record
,	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health			
Salf-harm by finan-	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health	São Paulo	2002 2000	Cupin
Self-harm by firearm Self-harm by firearm	Survey 2008-2009. Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.	3ao Paulo	2002-2008 2008-2012	Survey Administrative record
Self-harm by firearm	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.		2003-2007	Administrative record
Self-harm by other specified means Self-harm by other specified means	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.  Brazil World Health Survey 2003	Country	1998-2002 2002-2003	Administrative record Survey
Self-harm by other specified means	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.	,	2013-2017	Administrative record
Self-harm by other specified means Self-harm by other specified means	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007. Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.		2003-2007 2008-2012	Administrative record Administrative record
sea narm by other specified means	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health		2000-2012	su auve record
	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Self-harm by other specified means	Survey 2008-2009.  Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of	São Paulo	2002-2008	Survey
	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
Self-harm by other specified means	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Self-harm by other specified means	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil: Ministry of Health (Brazil).	Country	1993-1997	Administrative record
Interpersonal violence	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.		2008-2012	Administrative record
Interpersonal violence Interpersonal violence	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.  Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.		2013-2017	Administrative record Administrative record
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of			
	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de		2012	
International column	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014 1998-2002	Survey Administrative record
Interpersonal violence Interpersonal violence	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.		2002	
	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.  Brazil World Health Survey 2003	Country	2002-2003	Survey
Interpersonal violence Interpersonal violence	Brazil World Health Survey 2003  Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:			
Interpersonal violence	Brazil World Health Survey 2003 Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil: Ministry of Health (Brazil).	Country	2002-2003 1993-1997	Administrative record
Interpersonal violence Interpersonal violence Interpersonal violence	Brazil World Health Survey 2003 Ministry of Health (Brazil), Brazil Hospital Information System 1997. Rio de Janeiro, Brazil: Ministry of Health (Brazil), Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health	Country	1993-1997	Administrative record
Interpersonal violence Interpersonal violence	Brazil World Health Survey 2003  Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:  Ministry of Health (Brazil).  Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health			

Physical violence by firearm	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Physical violence by firearm  Physical violence by firearm	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.	Country	2013-2014	Administrative record
Physical violence by firearm	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.  Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.		2003-2007	Administrative record
rifysical violence by illearni	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:		2013-2017	Administrative record
Physical violence by firearm	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:  Ministry of Health (Brazil).	Country	1993-1997	Administrative record
rifysical violence by inearin	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health	Country	1995-1997	Administrative record
Observation I and a few firms and	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health Survey 2008-2009.	São Paulo	2002-2008	Survey
Physical violence by firearm Physical violence by firearm	Brazil World Health Survey 2003	Country	2002-2008	Survey
Physical violence by sharp object	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.	Country	2002-2003	Administrative record
Physical violence by sharp object	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.  Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.		2003-2007	Administrative record
Physical violence by snarp object	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.  Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:		2013-2017	Administrative record
Physical violence by sharp object	Ministry of Health (Brazil). Brazil Hospital Information System 1997. No de Janeiro, Brazil.	Country	1993-1997	Administrative record
Physical violence by sharp object  Physical violence by sharp object	Ministry of Health (Brazil).  Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.	Country	2008-2012	Administrative record
			1998-2002	Administrative record
Physical violence by sharp object Physical violence by sharp object	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.  Brazil World Health Survey 2003	Country	2002-2003	Survey
Physical violence by snarp object		Country	2002-2003	Survey
	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of			
Dhoulant datas as books as ablant	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de	C	2012 2011	C
Physical violence by sharp object	Janeiro, Brazili: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Physical violence by sharp object	Survey 2008-2009.	São Paulo	2002-2008	Survey
rifysical violetice by stiarp object	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of	3au raulu	2002-2008	Survey
	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
Physical violence by other means	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Physical violence by other means	Ministry of Health (Brazil). Brazil Hospital Information System 2003-2007.	Country	2003-2014	Administrative record
Physical violence by other means	Brazil World Health Survey 2003	Country	2003-2007	Survey
r nysical violence by other means	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health	Country	2002-2003	Survey
	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health			
Physical violence by other means	Survey 2008-2009.	São Paulo	2002-2008	Survey
Physical violence by other means	Ministry of Health (Brazil). Brazil Hospital Information System 2008-2012.	3d0 Fdui0	2002-2008	Administrative record
Physical violence by other means	Ministry of Health (Brazil). Brazil Hospital Information System 1998-2002.		1998-2002	Administrative record
Physical violence by other means	Ministry of Health (Brazil). Brazil Hospital Information System 2013-2002.  Ministry of Health (Brazil). Brazil Hospital Information System 2013-2014.		2013-2017	Administrative record
rifysical violence by other means	Ministry of Health (Brazil). Brazil Hospital Information System 1997. Rio de Janeiro, Brazil:		2013-2017	Auministrative record
Physical violence by other means	Ministry of Health (Brazil). Brazil Hospital Information System 1997. No de Janeiro, Brazil.	Country	1993-1997	Administrative record
None	Brazil World Health Survey 2003	Country	2002-2003	Survey
Notic	World Health Organization (WHO). WHO Tuberculosis Case Notifications. Geneva,	Country	2002-2003	Survey
None	Switzerland: World Health Organization (WHO).	Global	2003-2014	Epi surveillance
Notic	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Health (Brazil), Ministry of	Gionai	2003-2014	Epi sui veinance
	Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de			
None	Janeiro, Brazil: Brazilian Institute of Geography and Statistics (IBGE).	Country	2013-2014	Survey
Notice		Country	2013-2014	Survey
	Health Institute (São Paulo, Brazil), State University of Campinas, São Paulo Municipal Health			
None	Department, São Paulo State University, University of São Paulo. Brazil - São Paulo Health	CX - David	2002 2000	C
None	Survey 2008-2009.	São Paulo	2002-2008	Survey

Risk	citation	Coverage	Years	Data Type
	Brazilian Society for Family Welfare (BEMFAM), Westinghouse; Institute for			
	Resource Development. Brazil Demographic and Health Survey 1986. Columbia,			
Unsafe sanitation	United States: Westinghouse; Institute for Resource Development.	Country	1986	Survey
	Brazilian Institute of Geography and Statistics (IBGE). Brazil National Household	_		
Unsafe sanitation	Sample Survey 2013. Rio de Janeiro, Brazil: Brazilian Institute of Geography and	Country	2013	Survey
	Brazilian Institute of Geography and Statistics (IBGE). Brazil National Household			
Unsafe sanitation	Sample Survey 2012. Rio de Janeiro, Brazili: Brazilian Institute of Geography and	Country	2012	Survey
	Brazilian Institute of Geography and Statistics (IBGE). Brazil National Household			
Unsafe sanitation	Sample Survey 2011. Rio de Janeiro, Brazil: Brazilian Institute of Geography and	Country	2011	Survey
Unsafe sanitation	Brazil Demographic Census 2010 - IPUMS Brazil General Census 1980 - IPUMS	Country	2010	Census
Unsafe sanitation		Country Country	1980	Census
Unsafe sanitation Unsafe sanitation	Brazil General Census 1991 - IPUMS Brazil World Health Survey 2003	Country	1991 2003	Census Survey
Olisale salitation	Brazilian Society for Family Welfare (BEMFAM), Macro International, Inc. Brazil	Country	2003	Survey
Unsafe sanitation	Demographic and Health Survey 1996. Calverton, United States: Macro	Country	1996	Survey
Olisale salitation	Brazilian Society for Family Welfare (BEMFAM), Macro International, Inc. Brazil	Country	1990	Survey
Unsafe sanitation	Demographic and Health Survey 1991. Calverton, United States: Macro	Country	1991	Survey
Unsafe sanitation	Brazil General Census 2000 - IPUMS	Country	2000	Census
onsare sameation	Brazil Air Quality Platform Database 2000-2014 as it appears in World Health	Country	2000	CCTISUS
Air pollution	Organization (WHO). WHO Urban Ambient Air Pollution Database Draft 2016.	Country	2014	Natural phenomena
7 iii ponucion	Brazil - Curitiba Metropolitan Area Air Quality Annual Report 2012 as it appears	oountry	2014	riatarai prierioriiena
Air pollution	in World Health Organization (WHO). WHO Urban Ambient Air Pollution	Paraná	2012	Report
50	Brazil Air Quality Platform Database 2000-2014 as it appears in World Health	. a. ana	2012	
Ambient particulate matter pollution	Organization (WHO). WHO Urban Ambient Air Pollution Database Draft 2016.	Country	2014	Natural phenomena
Ambient particulate matter pondition	Brazil - Curitiba Metropolitan Area Air Quality Annual Report 2012 as it appears	Country	2014	Tracarar priemomena
Ambient particulate matter pollution	in World Health Organization (WHO). WHO Urban Ambient Air Pollution	Paraná	2012	Report
Household air pollution from solid fuels	Brazil World Health Survey 2003	Country	2003	Survey
Household air pollution from solid fuels	Brazil General Census 1991 - IPUMS	Country	1991	Census
Household air pollution from solid fuels	Brazil General Census 1980 - IPUMS	Country	1980	Census
Treasenera an penacion nom sena taels		Ceará, Espírito	1500	
		Santo,		
		Maranhão,		
		Minas Gerais,		
		Paraíba,		
		Pernambuco,		
		Piaui, Rio Grande		
		· ·		
		do orte, Rio de		
		do orte, Rio de Janeiro, Sergipe,		
		do orte, Rio de Janeiro, Sergipe, São Paulo,		
		do orte, Rio de Janeiro, Sergipe, São Paulo, Alagoas, Bahia,		
		do orte, Rio de Janeiro, Sergipe, São Paulo,		
		do orte, Rio de Janeiro, Sergipe, São Paulo, Alagoas, Bahia, Ceará, Espírito Santo,		
Household air pollution from solid fuels	Brazil Living Standards Measurement Survey 1996-1997	do orte, Rio de Janeiro, Sergipe, São Paulo, Alagoas, Bahia, Ceará, Espírito	1996	Survey
Household air pollution from solid fuels		do orte, Rio de Janeiro, Sergipe, São Paulo, Alagoas, Bahia, Ceará, Espírito Santo, Maranhão,		Survey
Household air pollution from solid fuels Household air pollution from solid fuels	Brazil Living Standards Measurement Survey 1996-1997	do orte, Rio de Janeiro, Sergipe, São Paulo, Alagoas, Bahia, Ceará, Espírito Santo, Maranhão,		Survey
·	Brazil Living Standards Measurement Survey 1996-1997 Brazilian Institute of Geography and Statistics (IBGE). Brazil National Household	do orte, Rio de Janeiro, Sergipe, São Paulo, Alagoas, Bahia, Ceará, Espírito Santo, Maranhão, Minas Gerais,	1996	
·	Brazil Living Standards Measurement Survey 1996-1997 Brazilian Institute of Geography and Statistics (IBGE). Brazil National Household Sample Survey 1999. Rio de Janeiro, Brazil: Brazilian Institute of Geography and	do orte, Rio de Janeiro, Sergipe, São Paulo, Alagoas, Bahia, Ceará, Espírito Santo, Maranhão, Minas Gerais,	1996	
·	Brazil Living Standards Measurement Survey 1996-1997 Brazilian Institute of Geography and Statistics (IBGE). Brazil National Household Sample Survey 1999. Rio de Janeiro, Brazil: Brazilian Institute of Geography and Paulo SR, Osorio AM, Aparecido R, Rodríguez C, Moreno V, Vasquez R, Espinosa	do orte, Rio de Janeiro, Sergipe, São Paulo, Alagoas, Bahia, Ceará, Espírito Santo, Maranhão, Minas Gerais,	1996	
·	Brazil Living Standards Measurement Survey 1996-1997 Brazilian Institute of Geography and Statistics (IBGE). Brazil National Household Sample Survey 1999. Rio de Janeiro, Brazil: Brazilian Institute of Geography and Paulo SR, Osorio AM, Aparecido R, Rodríguez C, Moreno V, Vasquez R, Espinosa G, Golzarri JI, Martínez T, Navarrete M, Cabrera I, Segovia N, Peña P, Taméz E,	do orte, Rio de Janeiro, Sergipe, São Paulo, Alagoas, Bahia, Ceará, Espírito Santo, Maranhão, Minas Gerais,	1996 1999	
Household air pollution from solid fuels	Brazil Living Standards Measurement Survey 1996-1997 Brazilian Institute of Geography and Statistics (IBGE). Brazil National Household Sample Survey 1999. Rio de Janeiro, Brazil: Brazilian Institute of Geography and Paulo SR, Osorio AM, Aparecido R, Rodríguez C, Moreno V, Vasquez R, Espinosa G, Golzarri JI, Martínez T, Navarrete M, Cabrera I, Segovia N, Peña P, Taméz E, Pereyra P,López-Herrera ME, López-Herrera ME, Sajo-Bohus L. Indoor radon	do orte, Rio de Janeiro, Sergipe, São Paulo, Alagoas, Bahia, Ceará, Espírito Santo, Maranhão, Minas Gerais,	1996 1999	Survey
Household air pollution from solid fuels	Brazil Living Standards Measurement Survey 1996-1997 Brazilian Institute of Geography and Statistics (IBGE). Brazil National Household Sample Survey 1999. Rio de Janeiro, Brazil: Brazilian Institute of Geography and Paulo SR, Osorio AM, Aparecido R, Rodríguez C, Moreno V, Vasquez R, Espinosa G, Golzarri JI, Martínez T, Navarrete M, Cabrera I, Segovia N, Peña P, Taméz E, Pereyra P,López-Herrera ME, López-Herrera ME, Sajo-Bohus L. Indoor radon measurements in six Latin American countries 2002; 41(4): 453-7.	do orte, Rio de Janeiro, Sergipe, São Paulo, Alagoas, Bahia, Ceará, Espírito Santo, Maranhão, Minas Gerais,	1996 1999	Survey
Household air pollution from solid fuels Residential radon	Brazil Living Standards Measurement Survey 1996-1997 Brazilian Institute of Geography and Statistics (IBGE). Brazil National Household Sample Survey 1999. Rio de Janeiro, Brazil: Brazilian Institute of Geography and Paulo SR, Osorio AM, Aparecido R, Rodríguez C, Moreno V, Vasquez R, Espinosa G, Golzarri JI, Martínez T, Navarrete M, Cabrera I, Segovia N, Peña P, Taméz E, Pereyra P,López-Herrera ME, López-Herrera ME, Sajo-Bohus L. Indoor radon measurements in six Latin American countries 2002; 41(4): 453-7. de Araujo GC, Mourao NT, Pinheiro IN, Xavier AR, Gameiro VS. Lead Toxicity	do orte, Rio de Janeiro, Sergipe, São Paulo, Alagoas, Bahia, Ceará, Espírito Santo, Maranhão, Minas Gerais,	1996 1999 2000-2005	Survey Scientific literature
Household air pollution from solid fuels Residential radon	Brazil Living Standards Measurement Survey 1996-1997 Brazilian Institute of Geography and Statistics (IBGE). Brazil National Household Sample Survey 1999. Rio de Janeiro, Brazil: Brazilian Institute of Geography and Paulo SR, Osorio AM, Aparecido R, Rodríguez C, Moreno V, Vasquez R, Espinosa G, Golzarri JI, Martínez T, Navarrete M, Cabrera I, Segovia N, Peña P, Taméz E, Pereyra P,López-Herrera ME, López-Herrera ME, Sajo-Bohus L. Indoor radon measurements in six Latin American countries 2002; 41(4): 453-7. de Araujo GC, Mourao NT, Pinheiro IN, Xavier AR, Gameiro VS. Lead Toxicity Risks in Gunshot Victims 2015; 10(10): e0140220.	do orte, Rio de Janeiro, Sergipe, São Paulo, Alagoas, Bahia, Ceará, Espírito Santo, Maranhão, Minas Gerais,	1996 1999 2000-2005	Survey Scientific literature
Household air pollution from solid fuels Residential radon	Brazil Living Standards Measurement Survey 1996-1997 Brazilian Institute of Geography and Statistics (IBGE). Brazil National Household Sample Survey 1999. Rio de Janeiro, Brazil: Brazilian Institute of Geography and Paulo SR, Osorio AM, Aparecido R, Rodríguez C, Moreno V, Vasquez R, Espinosa G, Golzarri JI, Martínez T, Navarrete M, Cabrera I, Segovia N, Peña P, Taméz E, Pereyra P,López-Herrera ME, López-Herrera ME, Sajo-Bohus L. Indoor radon measurements in six Latin American countries 2002; 41(4): 453-7. de Araujo GC, Mourao NT, Pinheiro IN, Xavier AR, Gameiro VS. Lead Toxicity Risks in Gunshot Victims 2015; 10(10): e0140220.  Associated factors for higher lead and cadmium blood levels, and reference	do orte, Rio de Janeiro, Sergipe, São Paulo, Alagoas, Bahia, Ceará, Espírito Santo, Maranhão, Minas Gerais,	1996 1999 2000-2005	Survey Scientific literature
Household air pollution from solid fuels  Residential radon  Lead exposure	Brazil Living Standards Measurement Survey 1996-1997 Brazilian Institute of Geography and Statistics (IBGE). Brazil National Household Sample Survey 1999. Rio de Janeiro, Brazil: Brazilian Institute of Geography and Paulo SR, Osorio AM, Aparecido R, Rodríguez C, Moreno V, Vasquez R, Espinosa G, Golzarri JI, Martínez T, Navarrete M, Cabrera I, Segovia N, Peña P, Taméz E, Pereyra P,López-Herrera ME, López-Herrera ME, Sajo-Bohus L. Indoor radon measurements in six Latin American countries. 2002; 41(4): 453-7. de Araujo GC, Mourao NT, Pinheiro IN, Xavier AR, Gameiro VS. Lead Toxicity Risks in Gunshot Victims. 2015; 10(10): e0140220. Associated factors for higher lead and cadmium blood levels, and reference values derived from general population of Sao Paulo, Brazil. 2016; 543(Pt A):	do orte, Rio de Janeiro, Sergipe, São Paulo, Alagoas, Bahia, Ceará, Espírito Santo, Maranhão, Minas Gerais,	1996 1999 2000-2005 2014	Survey Scientific literature Scientific literature
Household air pollution from solid fuels  Residential radon  Lead exposure	Brazil Living Standards Measurement Survey 1996-1997 Brazilian Institute of Geography and Statistics (IBGE). Brazil National Household Sample Survey 1999. Rio de Janeiro, Brazil: Brazilian Institute of Geography and Paulo SR, Osorio AM, Aparecido R, Rodríguez C, Moreno V, Vasquez R, Espinosa G, Golzarri JI, Martínez T, Navarrete M, Cabrera I, Segovia N, Peña P, Taméz E, Pereyra P,López-Herrera ME, López-Herrera ME, Sajo-Bohus L. Indoor radon measurements in six Latin American countries. 2002; 41(4): 453-7. de Araujo GC, Mourao NT, Pinheiro IN, Xavier AR, Gameiro VS. Lead Toxicity Risks in Gunshot Victims. 2015; 10(10): e0140220. Associated factors for higher lead and cadmium blood levels, and reference values derived from general population of Sao Paulo, Brazil. 2016; 543(Pt A): 628-35.	do orte, Rio de Janeiro, Sergipe, São Paulo, Alagoas, Bahia, Ceará, Espírito Santo, Maranhão, Minas Gerais,	1996 1999 2000-2005 2014	Survey Scientific literature Scientific literature
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_ead exposure	Neuropsychological disorders] 1996; 30(4): 358-63.		1996	Scientific literature
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	Dos Santos AC, Colacciopo S, Dal Bó CM, dos Santos NA. Occupational exposure			
Lead exposure	to lead, kidney function tests, and blood pressure 1994; 26(5): 635-43.		1994	Scientific literature
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	International Labour Organization (ILO). International Labour Organization			
Occupational exposure to chromium	Database (ILOSTAT) - Employment by Sex and Occupation. International Labour	Global	2000-2009	Estimate
	International Labour Organization (ILO). International Labour Organization			
Occupational exposure to chromium	Database (ILOSTAT) - Employment by Sex and Economic Activity. International International Labour Organization (ILO). International Labour Organization	Global	1981-2014	Estimate
Occupational exposure to diesel engine exhau	Database (ILOSTAT) - Employment by Sex and Occupation. International Labour	Global	2000-2009	Estimate
	International Labour Organization (ILO). International Labour Organization			
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Occupational aumoruse to cocondhand amplication	International Labour Organization (ILO). International Labour Organization Database (ILOSTAT) - Employment by Sex and Occupation. International Labour	Global	2000-2009	Estimato
Occupational exposure to secondinand smoke	International Labour Organization (ILO). International Labour Organization	Global	2000-2009	Estillate
Occupational exposure to secondhand smoke	Database (ILOSTAT) - Employment by Sex and Economic Activity. International	Global	1981-2014	Estimate
	International Labour Organization (ILO). International Labour Organization			
Occupational exposure to formaldehyde	Database (ILOSTAT) - Employment by Sex and Economic Activity. International	Global	1981-2014	Estimate
Occupational exposure to formaldehyde	International Labour Organization (ILO). International Labour Organization  Database (ILOSTAT) - Employment by Sex and Occupation. International Labour	Global	2000-2009	Estimate
occupational exposure to formalide flyde	International Labour Organization (ILO). International Labour Organization	Global	2000-2009	Littilate
Occupational exposure to nickel	Database (ILOSTAT) - Employment by Sex and Occupation. International Labour	Global	2000-2009	Estimate
	International Labour Organization (ILO). International Labour Organization			
Occupational exposure to nickel	Database (ILOSTAT) - Employment by Sex and Economic Activity. International	Global	1981-2014	Estimate
Occupational exposure to polycyclic aromatic	International Labour Organization (ILO). International Labour Organization Database (ILOSTAT) - Employment by Sex and Occupation. International Labour	Global	2000-2009	Estimate
occupational exposure to polycyclic aromatic	International Labour Organization (ILO). International Labour Organization	Global	2000-2009	Listimate
Occupational exposure to polycyclic aromatic		Global	1981-2014	Estimate
	International Labour Organization (ILO). International Labour Organization			
Occupational exposure to silica	Database (ILOSTAT) - Employment by Sex and Occupation. International Labour	Global	2000-2009	Estimate
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Occupational exposure to sinca	International Labour Organization (ILO). International Labour Organization	Global	1901-2014	Latimate
Occupational exposure to sulfuric acid	Database (ILOSTAT) - Employment by Sex and Economic Activity. International	Global	1981-2014	Estimate
·	International Labour Organization (ILO). International Labour Organization			
Occupational exposure to trichloroethylene	Database (ILOSTAT) - Employment by Sex and Economic Activity. International	Global	1981-2014	Estimate
Occupational acthmagans	International Labour Organization (ILO). International Labour Organization Database (ILOSTAT) - Employment by Sex and Economic Activity. International	Global	1981-2014	Estimato
Occupational asthmagens	International Labour Organization (ILO). International Labour Organization	Global	1981-2014	Estillate
Occupational asthmagens	Database (ILOSTAT) - Employment by Sex and Occupation. International Labour	Global	2000-2009	Estimate
	International Labour Organization (ILO). International Labour Organization			
Occupational particulate matter, gases, and for	Database (ILOSTAT) - Employment by Sex and Economic Activity. International	Global	1981-2014	Estimate
Occupational particulate matter, gases, and fi	International Labour Organization (ILO). International Labour Organization Database (ILOSTAT) - Employment by Sex and Occupation. International Labour	Global	2000-2009	Estimate
Occupational particulate matter, gases, and it	International Labour Organization (ILO). International Labour Organization	Global	2000-2009	Estillate
Occupational noise	Database (ILOSTAT) - Employment by Sex and Occupation. International Labour	Global	2000-2009	Estimate
·	International Labour Organization (ILO). International Labour Organization			
Occupational noise	Database (ILOSTAT) - Employment by Sex and Economic Activity. International	Global	1981-2014	Estimate
Occupational injuries	International Labour Organization (ILO). International Labour Organization  Database (ILOSTAT) - Employment by Sex and Economic Activity. International	Global	1981-2014	Estimate
Occupational injuries	International Labour Organization (ILO). International Labour Organization	Global	1901-2014	Littilate
Occupational injuries	Database (ILOSTAT) - Fatal Injuries by Sex and Economic Activity. International	Global	2000-2011	Estimate
	International Labour Organization (ILO). International Labour Organization			
Occupational ergonomic factors	Database (ILOSTAT) - Employment by Sex and Economic Activity. International	Global	1981-2014	Estimate
Occupational organomic factors	International Labour Organization (ILO). International Labour Organization  Database (ILOSTAT) - Employment by Sex and Occupation. International Labour	Global	2000-2009	Ectimate
Occupational ergonomic factors	Brazilian Society for Family Welfare (BEMFAM), Westinghouse; Institute for	Global	2000-2009	LJunate
	Resource Development. Brazil Demographic and Health Survey 1986. Columbia,			
Suboptimal breastfeeding	United States: Westinghouse; Institute for Resource Development.	Country	1986	Survey
	Brazilian Society for Family Welfare (BEMFAM), Macro International, Inc. Brazil	G-111	4000	S
Suboptimal breastfeeding	Demographic and Health Survey 1996. Calverton, United States: Macro Brazilian Society for Family Welfare (BEMFAM), Macro International, Inc. Brazil	Country	1996	Survey
Suboptimal breastfeeding	Demographic and Health Survey 1991. Calverton, United States: Macro	Country	1991	Survey
,	Brazilian Society for Family Welfare (BEMFAM), Westinghouse; Institute for	,		
	Resource Development. Brazil Demographic and Health Survey 1986. Columbia,			
Non-exclusive breastfeeding	United States: Westinghouse; Institute for Resource Development.	Country	1986	Survey
Non-exclusive breastfeeding	Brazilian Society for Family Welfare (BEMFAM), Macro International, Inc. Brazil Demographic and Health Survey 1996. Calverton, United States: Macro	Country	1996	Survey
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	Brazilian Society for Family Welfare (BEMFAM), Westinghouse; Institute for			
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Discontinued breastfeeding	United States: Westinghouse; Institute for Resource Development.  Brazilian Society for Family Welfare (BEMFAM), Macro International, Inc. Brazil	Country	1986	Survey
Discontinued breastfeeding	Demographic and Health Survey 1996. Calverton, United States: Macro	Country	1996	Survey
	Brazilian Society for Family Welfare (BEMFAM), Macro International, Inc. Brazil	, , ,	2330	-,
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	Opinion and Statistics (IBOPE), Ministry of Health (Brazil). Brazil National			
	Demographic and Health Survey of Children and Women 2006-2007. Rio de			
Child underweight	Janeiro, Brazil: Ministry of Health (Brazil).	Country	2006-2007	Survey
	months, Niterói, Brazil as it appears in World Health Organization (WHO). WHO			
	Global Database on Child Growth and Malnutrition - Historical. Geneva,			
Child underweight	Switzerland: World Health Organization (WHO).		1995	Scientific literature
	Brazil Consumer Expenditure Survey 2002-2003 as it appears in World Health			
	Organization (WHO). WHO Global Database on Child Growth and Malnutrition.			
Child underweight	Geneva, Switzerland: World Health Organization (WHO).	Country	2002	Survey
	National Health and Nutrition Survey as it appears in World Health Organization			
	(WHO). WHO Global Database on Child Growth and Malnutrition. Geneva,			
Child underweight	Switzerland: World Health Organization (WHO).	Country	1989	Report
	Guatemala Reproductive Health Survey 2002 as it appears in World Health			
	Organization (WHO). WHO Global Database on Child Growth and Malnutrition.			
Child underweight	Geneva, Switzerland: World Health Organization (WHO).	Country	2002	Survey
	appears in World Health Organization (WHO). WHO Global Database on Child			
	Growth and Malnutrition - Historical. Geneva, Switzerland: World Health			
Child underweight	Organization (WHO).	Country	1987-1991	Report
	Brazilian Society for Family Welfare (BEMFAM), Macro International, Inc. Brazil			
Child underweight	Demographic and Health Survey 1996. Calverton, United States: Macro	Country	1996	Survey
	Mexico National Nutrition Survey in Rural Areas 1989 as it appears in World			
	Health Organization (WHO). WHO Global Database on Child Growth and			
Child underweight	Malnutrition. Geneva, Switzerland: World Health Organization (WHO).	Country	1989	Survey
	Brazilian Society for Family Welfare (BEMFAM), Westinghouse; Institute for			
	Resource Development. Brazil Demographic and Health Survey 1986. Columbia,			
Child underweight	United States: Westinghouse; Institute for Resource Development.	Country	1986	Survey
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		Alagoas, Bahia,		
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Child underweight	Brazil Living Standards Measurement Survey 1996-1997	Minas Gerais,	1996-1997	Survey
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Child wasting	Brazil Living Standards Measurement Survey 1996-1997	Minas Gerais,	1996-1997	Survey
	Mexico National Nutrition Survey 1998-1999 as it appears in World Health			
	Organization (WHO). WHO Global Database on Child Growth and Malnutrition.			
Child wasting	Geneva, Switzerland: World Health Organization (WHO).	Country	1998	Survey
	Brazilian Society for Family Welfare (BEMFAM), Westinghouse; Institute for			
	Resource Development. Brazil Demographic and Health Survey 1986. Columbia,			
Child wasting	United States: Westinghouse; Institute for Resource Development.	Country	1986	Survey
	[Nutritional and feeding status of preschool children in the semi-arid region of			
	Bahia (Brazil): I. Anthropometric assessment] as it appears in World Health			
	Organization (WHO). WHO Global Database on Child Growth and Malnutrition -			
Child wasting	Historical. Geneva, Switzerland: World Health Organization (WHO).		1989	Scientific literature
	Guatemala Reproductive Health Survey 2002 as it appears in World Health			
	Organization (WHO). WHO Global Database on Child Growth and Malnutrition.			
Child wasting	Geneva, Switzerland: World Health Organization (WHO).	Country	2002	Survey
	Guinea-Bissau SMART Nutrition Survey 2008 as it appears in World Health			
	Organization (WHO). WHO Global Database on Child Growth and Malnutrition.			
Child wasting	Geneva, Switzerland: World Health Organization (WHO).	Country	2008	Survey
-	appears in World Health Organization (WHO). WHO Global Database on Child			,
	Growth and Malnutrition - Historical. Geneva, Switzerland: World Health			
Child wasting	Organization (WHO).	Country	1987-1991	Report
J .	months, Niterói, Brazil as it appears in World Health Organization (WHO). WHO	,		
	Global Database on Child Growth and Malnutrition - Historical. Geneva,			
Child wasting	Switzerland: World Health Organization (WHO).		1995	Scientific literature
	Opinion and Statistics (IBOPE), Ministry of Health (Brazil). Brazil National			
	Demographic and Health Survey of Children and Women 2006-2007. Rio de			
Child wasting	Janeiro, Brazil: Ministry of Health (Brazil).	Country	2006-2007	Survey
	Opinion and Statistics (IBOPE), Ministry of Health (Brazil). Brazil National	,		,
	Demographic and Health Survey of Children and Women 2006-2007. Rio de			
Child stunting	Janeiro, Brazil: Ministry of Health (Brazil).	Country	2006-2007	Survey
oma stanting	Guatemala Reproductive Health Survey 2002 as it appears in World Health	,	2000 2007	
	Organization (WHO). WHO Global Database on Child Growth and Malnutrition.			
Child stunting	Geneva, Switzerland: World Health Organization (WHO).	Country	2002	Survey
ca stunting	National Health and Nutrition Survey as it appears in World Health Organization	Country y	2002	-3,
	(WHO). WHO Global Database on Child Growth and Malnutrition. Geneva,			
Child stunting	Switzerland: World Health Organization (WHO).	Country	1989	Report
Cima Stanting	Brazilian Society for Family Welfare (BEMFAM), Macro International, Inc. Brazil	Country	1303	Пороге
Child stunting	Demographic and Health Survey 1996. Calverton, United States: Macro	Country	1996	Survey
Crima stanting	Mexico National Nutrition Survey in Rural Areas 1989 as it appears in World	Country	1330	Sarvey
	Health Organization (WHO). WHO Global Database on Child Growth and			
Child stunting	Malnutrition. Geneva, Switzerland: World Health Organization (WHO).	Country	1989	Survey
Cima stanting		Country	1303	Survey
	Brazil Demographic and Health Survey 1996 as it appears in World Health Organization (WHO). WHO Global Database on Child Growth and Malnutrition.			
Child stunting	Geneva, Switzerland: World Health Organization (WHO).	Country	1006	Survey
Child stunting	Brazilian Society for Family Welfare (BEMFAM), Westinghouse; Institute for	Country	1996	Survey
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Child stunting	Resource Development. Brazil Demographic and Health Survey 1986. Columbia,	Count	4000	Sunvov
Child stunting	United States: Westinghouse; Institute for Resource Development.	Country	1986	Survey
	children of the Aripuanã Park, Brazilian Amazon as it appears in World Health			
Child shoughing	Organization (WHO). WHO Global Database on Child Growth and Malnutrition		4000	Caiontifi- !:t !
Child stunting	Historical. Geneva, Switzerland: World Health Organization (WHO).		1989	Scientific literature
	Guinea-Bissau SMART Nutrition Survey 2008 as it appears in World Health			
	Organization (WHO). WHO Global Database on Child Growth and Malnutrition.			
Child stunting	Geneva, Switzerland: World Health Organization (WHO).	Country	2008	Survey
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		Janeiro, Sergipe,		
		São Paulo,		
		Alagoas, Bahia,		
		Ceará, Espírito		
		Santo,		
		Maranhão,		
Child stunting	Brazil Living Standards Measurement Survey 1996-1997	Minas Gerais,	1996-1997	Survey
	months, Niterói, Brazil as it appears in World Health Organization (WHO). WHO			
	Global Database on Child Growth and Malnutrition - Historical. Geneva,			
Child stunting	Switzerland: World Health Organization (WHO).		1995	Scientific literature
	Mexico National Nutrition Survey 1998-1999 as it appears in World Health			
	Organization (WHO). WHO Global Database on Child Growth and Malnutrition.			
Child stunting	Geneva, Switzerland: World Health Organization (WHO).	Country	1998	Survey
-	the National Institutes of Health (FNIH), National Institute of Science,	Ceará, Ceará,		
	Technology, and Biomedicine of Semi-Arid Brazil (INCT-IBISAB). Brazil -	Ceará, Ceará,		
Iron deficiency	Fortaleza Malnutrition and Enteric Disease Study 2009-2014.	Ceará	2010-2013	Survey
,	Opinion and Statistics (IBOPE), Ministry of Health (Brazil). Brazil National			
	Demographic and Health Survey of Children and Women 2006-2007. Rio de			
Iron deficiency	Janeiro, Brazil: Ministry of Health (Brazil).	Country	2006-2007	Survey
	Rondo PH, Abbott R, Rodrigues LC, Tomkins AM. Vitamin A, folate, and iron	,	2000 2007	
	concentrations in cord and maternal blood of intra-uterine growth retarded and			
Iron deficiency	appropriate birth weight babies 1995; 49(6): 391-9.		1991-1992	Scientific literature
non denciency	Osório MM, Lira PI, Batista-Filho M, Ashworth A. Prevalence of anemia in		1331 1332	Scientific literature
Iron deficiency	children 6-59 months old in the state of Pernambuco, Brazil 2001; 10(2): 101-		2006	Scientific literature
ii on denciency	Muniz-Junqueira MI, Queiroz EFO. Relationship between protein-energy		2000	Scientific interacture
Iron deficiency	malnutrition, vitamin A, and parasitoses in living in Brasília 2002; 35(2): 133-		1983	Scientific literature
iron denciency			1905	Scientific literature
land definitions.	Brazil - School Lunch: History, Evolution and Contribution in Addressing the		1000	Donort
Iron deficiency	Nutritional Needs of the Child		1996	Report
	Iron Deficiency and Iron Deficiency Anemia in the Population of 6 Months to 6	F (" 6 .		
Iron deficiency	Years in Vitória, Espírito Santo, Southeastern Brazil	Espírito Santo	2001-2003	Report
	Piaui State Government, United Nations Children's Fund (UNICEF). Brazil - Piauí	- ·		
Iron deficiency	Children and Adolescents: Health, Education, and Work 1991. Teresina, Brazil:	Piaui	1991	Report
	Assis AMO, Gaudenzi EN, Gomes G, Ribeiro R de C, Szarfarc SC, Souza SB de.			
	[Hemoglobin concentration, breastfeeding and complementary feeding in the		1	
Iron deficiency	first year of life] 2004; 38(4): 543-51.		1998-1999	Scientific literature
	World Bank. World Development Indicators - Vitamin A Supplementation		1	
Vitamin A deficiency	Coverage Rate. Washington DC, United States: World Bank.	Global	1999	Administrative record
	Barreto ML, Santos LM, Assis AM, Araújo MP, Farenzena GG, Santos PA,		1	
	Fiaccone RL. Effect of vitamin A supplementation on diarrhoea and acute lower-			
Vitamin A deficiency	respiratory-tract infections in young children in Brazil 2010; CD008524.		1990-1991	Scientific literature
	Martins MC, Santos LMP, Assis AMO. [Prevalence of hypovitaminosis A among			
Vitamin A deficiency	preschool children from northeastern Brazil, 1998] 2004; 38(4): 537-42.		1998	Scientific literature
	Azevedo MMS de, Cabral PC, Diniz A da S, Fisberg M, Fisberg RM, Arruda IKG			
Vitamin A deficiency	de. [Vitamin A deficiency in preschool children of Recife, Northeast of Brazil]		2007	Scientific literature
Vitamin A deficiency	Brazil - Pernambuco Second State Survey of Health and Nutrition 1997 as it	Pernambuco	1997	Survey
,	Kanerva N, Kaartinen NE, Ovaskainen M-L, Konttinen H, Kontto J, Männistö S. A			
	diet following Finnish nutrition recommendations does not contribute to the			
Zinc deficiency	current epidemic of obesity 2013; 16(5): 786 <b>9</b> 4.		1996-1997	Scientific literature
Zine deficiency	Food and Agriculture Organization of the United Nations (FAO). FAOSTAT Food		1550 1557	
Zinc deficiency	Balance Sheets, October 2014. Rome, Italy: Food and Agriculture Organization	Global	1000-2015	Administrative record
Zinc denciency	Verly Junior E, Fisberg RM, Cesar CLG, Marchioni DML. Sources of variation of	Global	1990-2013	Administrative record
Zinc deficiency	energy and nutrient intake among adolescents in São Paulo, Brazil 2010;		2007 2008	Scientific literature
zinc denciency			2007-2008	Scientific literature
	Henn RL, Fuchs SC, Moreira LB, Fuchs FD. Development and validation of a food			
Zine deficiency	frequency questionnaire (FFQ-Porto Alegre) for adolescent, adult and elderly		2007 2000	Scientific literature
Zinc deficiency	populations from Southern Brazil 2010; 26(11): 2068\(\textile{\textity}\)9.		2007-2009	Scientific literature
	Brazilian Institute of Geography and Statistics (IBGE), Ministry of Education			
6 1:	(Brazil), Ministry of Health (Brazil), Ministry of Planning, Budget, and	<b>C</b>		C
Smoking	Management (Brazil). Brazil National Survey of School Health 2009.	Country	2009	Survey
	Ministry of Health (Brazil), Secretariat of Health Surveillance, Ministry of Health			
	(Brazil), University of São Paulo. Brazil Surveillance System of Risk Factors for			
		C	2016	Survey
Smoking	Chronic Diseases by Telephone Interviews 2016.	Country	2010	
Smoking	Ministry of Health (Brazil), Secretariat of Health Surveillance, Ministry of Health	Country	2010	
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Smoking	Management (Brazil). Brazil National Survey of School Health 2009.	Country	2009	Survey
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	(Brazil), University of São Paulo. Brazil Surveillance System of Risk Factors for			
Smoking	Chronic Diseases by Telephone Interviews 2015.	Country	2015	Survey
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moking	Brazil - Hearts of Brazil Survey 2004	Country	2004	Survey
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	Chronic Diseases by Telephone Interviews 2014. Rio de Janeiro, Brazil:			
moking	Secretariat of Health Surveillance, Ministry of Health (Brazil).	Country	2014	Survey
moking	Brazil Household Survey About the Use of Psychotropic Drugs 2005	Country	2005	Survey
	Iser BPM, Yokota RTC, de Sa NNB, de Moura L, Malta DC. Prevalencia de fatores	,		,
	de risco e protecao para doencas cronicas nas capitais do Brasil - principais			
moking	resultados do Vigitel 2010 2012; 17(9): 2343-56.		2010	Scientific literature
	Ministry of Health (Brazil), Secretariat of Health Surveillance, Ministry of Health			
moking	(Brazil). Brazil Surveillance System of Risk Factors for Chronic Diseases by	Country	2012	Survey
moking	Ministry of Health (Brazil). Brazil Survey of Knowledge, Attitudes, and Practices	Country	2008	Survey
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	Ministry of Planning, Budget, and Management (Brazil). Brazil National Health Survey 2013. Rio de Janeiro, Brazil: Brazilian Institute of Geography and			
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	de risco e protecao para doencas cronicas nas capitais do Brasil - principais			
moking	resultados do Vigitel 2010 2012; 17(9): 2343-56.		2010	Scientific literature
moking	Brazil - Rio Grande do Sul Global Youth Tobacco Survey 2002	Rio Grande do	2002	Survey
	Iser BPM, Malta DC Claro RM, de Moura EC, Neto OlM. Fatores de risco e			
	protecao para doencas cronicas nao transmissiveis obtidos por inquerito			
moking	telefonico - VIGITEL Brasil - 2009 2011; 14(Suppl 1): 90-102.		2009	Scientific literature
	(Brazil), Ministry of Health (Brazil), Ministry of Planning, Budget, and			
	Management (Brazil), Secretariat of Health Surveillance, Ministry of Health			1
moking	(Brazil). Brazil National Survey of School Health 2012.	Country	2012	Survey
moking	Brazil World Health Survey 2003	Country	2003	Survey
moking	Brazil World Health Survey 2003	Country	2003	Survey
moking	Brazilian Society for Family Welfare (BEMFAM), Macro International, Inc. Brazil	Country	1006	Survey
moking	Demographic and Health Survey 1996. Calverton, United States: Macro Brazilian Society for Family Welfare (BEMFAM), Macro International, Inc. Brazil	Country	1996	Survey
	Demographic and Health Survey 1996. Calverton, United States: Macro	Country	1996	Survey

	and Statistics (IRGE) Contars for Disease Control and Provention (CDC)			
	and Statistics (IBGE), Centers for Disease Control and Prevention (CDC),			
	Ministry of Health (Brazil), National Cancer Institute (Brazil), Pan American	1		
	Health Organization (PAHO), Secretariat of Health Surveillance, Ministry of			
0 -1::	Health (Brazil). Brazil Global Adult Tobacco Survey 2008. Atlanta, United States:	Country	2008	Curray
Smoking	Centers for Disease Control and Prevention (CDC). and Statistics (IBGE), Centers for Disease Control and Prevention (CDC),	Country	2008	Survey
1	Ministry of Health (Brazil), National Cancer Institute (Brazil), Pan American	1	ı	1
1	Health Organization (PAHO), Secretariat of Health Surveillance, Ministry of	( I	i	1
	Health Organization (PAHO), Secretariat of Health Surveillance, Ministry of Health (Brazil). Brazil Global Adult Tobacco Survey 2008. Atlanta, United States:	1	ı	1
C nicina	Centers for Disease Control and Prevention (CDC).	Country	2008	Survey
Smoking	Brazilian Society for Family Welfare (BEMFAM), Macro International, Inc. Brazil	Country	2006	Survey
Smoking	Demographic and Health Survey 1991. Calverton, United States: Macro	Country	1991	Survey
Smoking	Brazil - Rio de Janeiro Global Youth Tobacco Survey 2005	Rio de Janeiro	2005	Survey
Smoking Smoking	Brazil - Rio de Janeiro Giobal Youth Tobacco Survey 2005  Brazil - Rio de Janeiro Global Youth Tobacco Survey 2005	Rio de Janeiro Rio de Janeiro		Survey
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Smoking Smoking	,	Rio Grande do		
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Smoking	Brazii - Kio Graffide do Sul Giobal Toutil Tobacco Sulvey 2002	Amazonas,	2002	Survey
		Ceará, Distrito		
		Federal, Espírito		
		Santo, Mato		
		Grosso Do Sul,		
		Minas Gerais,		
		Paraná, Paraíba,		
		Pará,		
		Pernambuco, Rio		
		Grande do orte,		
		Rio Grande do		
		Sul, Rio de		
		Janeiro, Santa		
		Catarina,		
		Sergipe, São		
		Paulo,		
		Amazonas,		
		Ceará, Distrito		
		Federal, Espírito		
		Santo, Mato		
		Grosso Do Sul,		
		Minas Gerais,		
		Paraná, Paraíba,		
		Pará,		
		Pernambuco, Rio		
		Grande do orte,		
		Rio Grande do		
		Sul, Rio de		
1	Brazil Risk Factor Morbidity Noncommunicable Disease Survey 2002-2005	Janeiro, Santa	2002	Survey
Smoking		1	,	
Smoking	Brazilian Society for Family Welfare (BEMFAM), Macro International, Inc. Brazil	1	•	

		Amazonas, Ceará, Distrito		
		Federal, Espírito		
		Santo, Mato		
		Grosso Do Sul,		
		Minas Gerais,		
		Paraná, Paraíba,		
		Pará,		
		Pernambuco, Rio		
		Grande do orte,		
		Rio Grande do		
		Sul, Rio de Janeiro, Santa		
		Catarina,		
		Sergipe, São		
		Paulo,		
		Amazonas,		
		Ceará, Distrito		
		Federal, Espírito		
		Santo, Mato		
		Grosso Do Sul,		
		Minas Gerais,		
		Paraná, Paraíba, Pará,		
		Pernambuco, Rio		
		Grande do orte,		
		Rio Grande do		
		Sul, Rio de		
Smoking	Brazil Risk Factor Morbidity Noncommunicable Disease Survey 2002-2005	Janeiro, Santa	2002	Survey
Smoking	Brazil National Survey on Health and Nutrition 1989	Country	1989	Survey
	Ministry of Health (Brazil), Secretariat of Health Surveillance, Ministry of Health			
Constitute	(Brazil), University of São Paulo. Brazil Surveillance System of Risk Factors for	Country	2006	Currou
Smoking	Chronic Diseases by Telephone Interviews 2006.  Brazilian Society for Family Welfare (BEMFAM), Westinghouse; Institute for	Country	2006	Survey
	Resource Development. Brazil Demographic and Health Survey 1986. Columbia,			
Smoking	United States: Westinghouse; Institute for Resource Development.	Country	1986	Survey
ÿ	Ministry of Health (Brazil), Secretariat of Health Surveillance, Ministry of Health	,		
	(Brazil), University of São Paulo. Brazil Surveillance System of Risk Factors for			
Smoking	Chronic Diseases by Telephone Interviews 2006.	Country	2006	Survey
	Ministry of Health (Brazil), Secretariat of Health Surveillance, Ministry of Health			
Smoking	(Brazil). Brazil Surveillance System of Risk Factors for Chronic Diseases by	Country	2007	Survey
	Brazilian Society for Family Welfare (BEMFAM), Westinghouse; Institute for			
Smoking	Resource Development. Brazil Demographic and Health Survey 1986. Columbia, United States: Westinghouse; Institute for Resource Development.	Country	1986	Survey
Silloking	Ministry of Health (Brazil), Secretariat of Health Surveillance, Ministry of Health	Country	1900	Survey
Smoking	(Brazil). Brazil Surveillance System of Risk Factors for Chronic Diseases by	Country	2007	Survey
	Iser BPM, Malta DC Claro RM, de Moura EC, Neto OlM. Fatores de risco e	,		,
	protecao para doencas cronicas nao transmissiveis obtidos por inquerito			
Smoking	telefonico - VIGITEL Brasil - 2009 2011; 14(Suppl 1): 90-102.		2009	Scientific literature
	Centers for Disease Control and Prevention (CDC), World Health Organization			
	(WHO). Brazil - Alagoas Global Youth Tobacco Survey 2004 . Atlanta, United	Alagoas,		
Smoking	States: Centers for Disease Control and Prevention (CDC).	Alagoas, Alagoas	2004	Survey
	Centers for Disease Control and Prevention (CDC), World Health Organization (WHO). Brazil - Mato Grosso Do Sul Global Youth Tobacco Survey 2002. Atlanta,	Sul, Mato Grosso Do Sul, Mato		
Smoking	United States: Centers for Disease Control and Prevention (CDC).	Grosso Do Sul	2002	Survey
Silloking	Centers for Disease Control and Prevention (CDC), World Health Organization	Sul, Mato Grosso	2002	Survey
	(WHO). Brazil - Mato Grosso Do Sul Global Youth Tobacco Survey 2002. Atlanta,	Do Sul, Mato		
Smoking	United States: Centers for Disease Control and Prevention (CDC).	Grosso Do Sul	2002	Survey
	Centers for Disease Control and Prevention (CDC), World Health Organization			
	(WHO). Brazil - Paraíba Global Youth Tobacco Survey 2002 . Atlanta, United	Paraíba, Paraíba,		
Smoking	States: Centers for Disease Control and Prevention (CDC).	Paraíba	2002	Survey
	Centers for Disease Control and Prevention (CDC), World Health Organization			
Smaking	(WHO). Brazil - Paraíba Global Youth Tobacco Survey 2002 . Atlanta, United	Paraíba, Paraíba,	2002	Sunov
Smoking Smoking	States: Centers for Disease Control and Prevention (CDC).  Brazil National Survey on Health and Nutrition 1989	Paraíba Country	2002 1989	Survey Survey
SHOWING.	Centers for Disease Control and Prevention (CDC), World Health Organization	Country	1303	curvey
	(WHO). Brazil - Alagoas Global Youth Tobacco Survey 2004 . Atlanta, United	Alagoas,		
Smoking	States: Centers for Disease Control and Prevention (CDC).	Alagoas, Alagoas	2004	Survey
	(Brazil), Ministry of Health (Brazil), Ministry of Planning, Budget, and			
	Management (Brazil), Secretariat of Health Surveillance, Ministry of Health			
Smoking	(Brazil). Brazil National Survey of School Health 2012.	Country	2012	Survey
	Brazilian Institute of Geography and Statistics (IBGE). Brazil National Survey of			
Smokeless tobacco	School Health 2015. Rio de Janeiro, Brazil: Brazilian Institute of Geography and	Country	2015	Survey

	and Statistics (IBGE), Centers for Disease Control and Prevention (CDC),			
	Ministry of Health (Brazil), National Cancer Institute (Brazil), Pan American			
	Health Organization (PAHO), Secretariat of Health Surveillance, Ministry of			
	Health (Brazil). Brazil Global Adult Tobacco Survey 2008. Atlanta, United States:			
C	Centers for Disease Control and Prevention (CDC).	Country	2000	Cumiou
Smokeless tobacco	` ,	Country	2008	Survey
	Brazilian Society for Family Welfare (BEMFAM), Macro International, Inc. Brazil	_		_
Secondhand smoke	Demographic and Health Survey 1991. Calverton, United States: Macro	Country	1991	Survey
	Brazilian Society for Family Welfare (BEMFAM), Macro International, Inc. Brazil			
Secondhand smoke	Demographic and Health Survey 1996. Calverton, United States: Macro	Country	1996	Survey
Secondhand smoke	Brazil General Census 1991 - IPUMS	Country	1991	Census
Secondhand smoke	Brazil General Census 1980 - IPUMS	Country	1980	Census
Secondhand smoke	Brazil General Census 2000 - IPUMS	Country	2000	Census
	Brazil Demographic Census 2010 - IPUMS			Census
Secondhand smoke	• ,	Country	2010	
Alcohol use	Brazil World Health Survey 2003	Country	2003	Survey
	Group, Public Health Institute, Centre for Addiction and Mental Health			
	(Canada), Centre for Alcohol Policy Research, Turning Point Alcohol and Drug			
	Centre (Australia), Kettil Bruun Society for Social and Epidemiological Research			
	on Alcohol, University of North Dakota. Brazil - Botucatu Gender, Alcohol and	São Paulo, São		
Alcohol use	Culture: An International Study (GENACIS) 2001-2002.	Paulo, São Paulo	2001	Survey
	,	Country		
Orug use	Ministry of Health (Brazil). Brazil Survey of Knowledge, Attitudes, and Practices		2005	Survey
Orug use	Ministry of Health (Brazil). Brazil Survey of Knowledge, Attitudes, and Practices	Country	2005	Survey
	Bastos FI, Bertoni N, Hacker MA, Study Group on Population, Gender and AIDS			
Drug use	(Brazil). [Drug and alcohol use: main findings of a national survey, Brazil 2005]		2005	Scientific literature
	Bastos FI, Bertoni N, Hacker MA, Study Group on Population, Gender and AIDS			
Orug use	(Brazil). [Drug and alcohol use: main findings of a national survey, Brazil 2005]		2005	Scientific literature
	Food and Agriculture Organization of the United Nations (FAO). FAOSTAT Food			
Diet low in fruits	Balance Sheets, October 2014. Rome, Italy: Food and Agriculture Organization	Global	1000-2015	Administrative rec
JICCIOW III II UIG	·	Jiobai	1550-2015	, .ammastrative rec
	Euromonitor International. Euromonitor Passport - Fresh Foods Market			
Diet low in fruits	Statistics. London, United Kingdom: Euromonitor International.	Country	2001-2015	Administrative rec
	Barbosa F dos S, Sichieri R, Junger WL. Assessing usual dietary intake in complex			
Diet low in fruits	sample design surveys: the National Dietary Survey 2013; 47 Suppl 1: 171SBS.		2008	Scientific literature
Diet low in fruits	Brazil Consumer Expenditure Survey 2008-2009	Country	2008-2009	Survey
Diet low in vegetables	Brazil Consumer Expenditure Survey 2008-2009	Country	2008-2009	
siet ion in regetables	Food and Agriculture Organization of the United Nations (FAO). FAOSTAT Food		2000 2003	
Di-+ I i		Global	1000 2015	A desiminate ativo e a a
Diet low in vegetables	Balance Sheets, October 2014. Rome, Italy: Food and Agriculture Organization	Global	1990-2015	Administrative rec
	Euromonitor International. Euromonitor Passport - Vegetables Market			
Diet low in vegetables	Statistics. London, United Kingdom: Euromonitor International.	Global	1990-2015	Administrative rec
	Food and Agriculture Organization of the United Nations (FAO). FAOSTAT Food			
Diet low in legumes	Balance Sheets, October 2014. Rome, Italy: Food and Agriculture Organization	Global	1990-2015	Administrative rec
Diet low in legumes	Brazil Consumer Expenditure Survey 2008-2009	Country	2008-2009	Survev
	Euromonitor International. Euromonitor Passport - Pulses Market Statistics.	,		,
Diot law in lagumes	London, United Kingdom: Euromonitor International.	Country	1000 2015	Administrative rec
Diet low in legumes	, ,	,		
Diet low in whole grains	Brazil Consumer Expenditure Survey 2008-2009 as it appears in	Country	2008-2009	
Diet low in nuts and seeds	Brazil Consumer Expenditure Survey 2008-2009	Country	2008-2009	Survey
	Food and Agriculture Organization of the United Nations (FAO). FAOSTAT Food			
Diet low in nuts and seeds	Balance Sheets, October 2014. Rome, Italy: Food and Agriculture Organization	Global	1990-2015	Administrative rec
	Euromonitor International. Euromonitor Passport - Nuts Market Statistics.			
Diet low in nuts and seeds	London, United Kingdom: Euromonitor International.	Global	1990-2015	Administrative rec
	Brazil Consumer Expenditure Survey 2008-2009	Country	2008-2009	
Diet low in milk	·	Country	2006-2009	Survey
	Food and Agriculture Organization of the United Nations (FAO). FAOSTAT Food	61.1.1		
Diet low in milk	Balance Sheets, October 2014. Rome, Italy: Food and Agriculture Organization	Global	1990-2015	Administrative rec
	Euromonitor International. Euromonitor Passport - Dairy Market Statistics.			
Diet low in milk	London, United Kingdom: Euromonitor International.	Global	2002-2015	Administrative rec
	Peters BSE, Verly E, Marchioni DML, Fisberg M, Martini LA. The influence of			
	breakfast and dairy products on dietary calcium and vitamin D intake in			
Diet low in milk	postpubertal adolescents and young adults 2012; 25(1): 69\( \textit{14}\).		2006	Scientific literature
DIEL IOW III IIIIIK	, ,		2000	Scientific interacture
	Food and Agriculture Organization of the United Nations (FAO). FAOSTAT Food	61.1.1		
Diet high in red meat	Balance Sheets, October 2014. Rome, Italy: Food and Agriculture Organization	Global	1990-2015	Administrative rec
	Euromonitor International. Euromonitor Passport - Meat Market Statistics.			
Diet high in red meat	London, United Kingdom: Euromonitor International.	Global	2002-2015	Administrative rec
	de Carvalho AM, Cesar CLG, Fisberg RM, Marchioni DM. Meat consumption in			
Diet high in red meat	São Paulo-Brazil: trend in the last decade 2014; 9(5): e96667.		2003-2008	Scientific literature
Diet high in red meat	Brazil Consumer Expenditure Survey 2008-2009	Country	2008-2009	
•	Euromonitor International. Partially Hydrogenated Vegetable Oil Sales	Country		Administrative red
Diet high in processed meat				
Diet high in processed meat	Brazil Consumer Expenditure Survey 2008-2009	Country	2008-2009	Survey
	Euromonitor International. Euromonitor Passport - Processed Meat and			
Diet high in processed meat	Seafood Market Statistics. London, United Kingdom: Euromonitor International.	Global	2002-2015	Administrative red
	Euromonitor International. Euromonitor Passport - Fruit Market Statistics.			
Diet high in sugar-sweetened beverages	London, United Kingdom: Euromonitor International.	Global	2002-2015	Administrative red
Diet high in sugar-sweetened beverages	Brazil Consumer Expenditure Survey 2008-2009 as it appears in	Country	2008-2009	
Sier inPiriti andar assecterien nesergages		Country	2008-2009	
Not high in sugar sweetened howeres-				
Diet high in sugar-sweetened beverages	Brazil Consumer Expenditure Survey 2008-2009  Pereira RA, Souza AM, Duffey KJ, Sichieri R, Popkin BM. Beverage consumption	Country	2000 2003	Survey

	Andian MC Destinity Destini MA City AA Coursing Ct Des Courses IT Food			ı
Diet low in fiber	Molina MC, Bettiol H, Barbieri MA, Silva AA, Conceicao SI, Dos-Santos JE. Food consumption by young adults living in Ribeirao Preto, SP, 2002/2004 2007;		2002-2004	Scientific literature
DICTION III IIDCI	Verly Junior E, Fisberg RM, Cesar CLG, Marchioni DML. Sources of variation of		2002 2004	Scientific interaction
Diet low in fiber	energy and nutrient intake among adolescents in São Paulo, Brazil 2010;		2007-2008	Scientific literature
	Martinez MF, Philippi ST, Estima C, Leal G. Validity and reproducibility of a food			
Diet low in fiber	frequency questionnaire to assess food group intake in adolescents 2013;		2010	Scientific literature
	Henn RL, Fuchs SC, Moreira LB, Fuchs FD. Development and validation of a food			
Diet low in fiber	frequency questionnaire (FFQ-Porto Alegre) for adolescent, adult and elderly populations from Southern Brazil 2010; 26(11): 2068@9.		2007 2000	Scientific literature
Diet low in liber	Scagliusi FB, Moriguti EKU, Monteiro JP, Ferriolli E. Calibration of the food list		2007-2009	Scientific literature
	and portion sizes of a food frequency questionnaire applied to free-living			
Diet low in fiber	elderly people 2013; 29(5): 760 <b>4</b> .		2010-2012	Scientific literature
Diet low in fiber	Brazil Consumer Expenditure Survey 2008-2009	Country	2008-2009	Survey
	Food and Agriculture Organization of the United Nations (FAO). FAOSTAT Food			
Diet low in fiber	Balance Sheets, October 2014. Rome, Italy: Food and Agriculture Organization	Global	1990-2015	Administrative record
	Kanerva N, Kaartinen NE, Ovaskainen M-L, Konttinen H, Kontto J, Männistö S. A			
	diet following Finnish nutrition recommendations does not contribute to the			6
Diet low in fiber	current epidemic of obesity 2013; 16(5): 786 <b>9</b> 4.  Scagliusi FB, Moriguti EKU, Monteiro JP, Ferriolli E. Calibration of the food list		1996-1997	Scientific literature
	and portion sizes of a food frequency questionnaire applied to free-living			
Diet low in calcium	elderly people 2013; 29(5): 760 <b>4</b> .		2010-2012	Scientific literature
Diction in calcium	Food and Agriculture Organization of the United Nations (FAO). FAOSTAT Food		2010 2012	
Diet low in calcium	Balance Sheets, October 2014. Rome, Italy: Food and Agriculture Organization	Global	1990-2015	Administrative record
	Kanerva N, Kaartinen NE, Ovaskainen M-L, Konttinen H, Kontto J, Männistö S. A			
	diet following Finnish nutrition recommendations does not contribute to the			
Diet low in calcium	current epidemic of obesity 2013; 16(5): 78694.		1996-1997	Scientific literature
	Martini LA, Verly E, Marchioni DML, Fisberg RM. Prevalence and correlates of			
	calcium and vitamin D status adequacy in adolescents, adults, and elderly from			
Diet low in calcium	the Health Survey-São Paulo 2013; 29(6): 84550.		2008	Scientific literature
Diet leur in coleium	Verly Junior E, Fisberg RM, Cesar CLG, Marchioni DML. Sources of variation of energy and nutrient intake among adolescents in São Paulo, Brazil 2010;		2007 2009	Scientific literature
Diet low in calcium	Henn RL, Fuchs SC, Moreira LB, Fuchs FD. Development and validation of a food		2007-2008	Scientific literature
	frequency questionnaire (FFQ-Porto Alegre) for adolescent, adult and elderly			
Diet low in calcium	populations from Southern Brazil 2010; 26(11): 2068[79.		2007-2009	Scientific literature
	Peters BSE, Verly E, Marchioni DML, Fisberg M, Martini LA. The influence of			
	breakfast and dairy products on dietary calcium and vitamin D intake in			
Diet low in calcium	postpubertal adolescents and young adults 2012; 25(1): 6924.		2006	Scientific literature
	Food and Agriculture Organization of the United Nations (FAO). FAOSTAT Food			
Diet low in calcium	Balance Sheets, April 2015. Rome, Italy: Food and Agriculture Organization of	Global	1990-2015	Administrative record
	Food and Agriculture Organization of the United Nations (FAO). FAOSTAT Food	61.1.1		
Diet low in seafood omega-3 fatty acids	Balance Sheets, October 2014. Rome, Italy: Food and Agriculture Organization Food and Agriculture Organization of the United Nations (FAO). FAOSTAT Food	Global	1990-2015	Administrative record
Diet low in polyunsaturated fatty acids	Balance Sheets, October 2014. Rome, Italy: Food and Agriculture Organization	Global	1990-2015	Administrative record
biction in polyunsucuruccu ruccy ucius	Henn RL, Fuchs SC, Moreira LB, Fuchs FD. Development and validation of a food		1330 2013	, tarrimistrative record
	frequency questionnaire (FFQ-Porto Alegre) for adolescent, adult and elderly			
Diet low in polyunsaturated fatty acids	populations from Southern Brazil 2010; 26(11): 206829.		2007-2009	Scientific literature
Diet high in trans fatty acids	Euromonitor International. Partially Hydrogenated Vegetable Oil Sales	Country	2002-2015	Administrative record
	Verly Junior E, Fisberg RM, Cesar CLG, Marchioni DML. Sources of variation of			
Diet high in sodium	energy and nutrient intake among adolescents in São Paulo, Brazil 2010;		2007-2008	Scientific literature
	Ipsos, National Institute of Public Policy for Alcohol and Other Drugs (INPAD)	C	2044 2042	C
Childhood sexual abuse	(Brazil), University of São Paulo. Brazil National Alcohol and Drugs Survey 2011- Bassani DG, Palazzo LS, Béria JU, Gigante LP, Figueiredo AC, Aerts DR, Raymann	Country	2011-2012	Survey
Childhood sexual abuse	BC. Child sexual abuse in southern Brazil and associated factors: a population-		2002-2003	Scientific literature
emidnood sexual abuse	Group, Public Health Institute, Centre for Addiction and Mental Health		2002 2003	Scientific fiterature
	(Canada), Centre for Alcohol Policy Research, Turning Point Alcohol and Drug			
	Centre (Australia), Kettil Bruun Society for Social and Epidemiological Research			
	on Alcohol, University of North Dakota. Brazil - Botucatu Gender, Alcohol and	São Paulo, São		
Childhood sexual abuse	Culture: An International Study (GENACIS) 2001-2002.	Paulo, São Paulo	2001	Survey
	Bassani DG, Palazzo LS, Béria JU, Gigante LP, Figueiredo AC, Aerts DR, Raymann			
Childhood sexual abuse	BC. Child sexual abuse in southern Brazil and associated factors: a population-		2002-2003	Scientific literature
	Group, Public Health Institute, Centre for Addiction and Mental Health			
	(Canada), Centre for Alcohol Policy Research, Turning Point Alcohol and Drug			
	Centre (Australia), Kettil Bruun Society for Social and Epidemiological Research on Alcohol, University of North Dakota. Brazil - Botucatu Gender, Alcohol and	São Paulo, São		
Childhood sexual abuse	Culture: An International Study (GENACIS) 2001-2002.	Paulo, São Paulo	2001	Survey
	Group, Public Health Institute, Centre for Addiction and Mental Health	. 30.0, 300 1 0010	2301	
	(Canada), Centre for Alcohol Policy Research, Turning Point Alcohol and Drug			
	Centre (Australia), Kettil Bruun Society for Social and Epidemiological Research			
	on Alcohol, University of North Dakota. Brazil - Botucatu Gender, Alcohol and	São Paulo, São		
	Culture: An International Study (GENACIS) 2001-2002.	Paulo, São Paulo	2001	Survey

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		Pernambuco,		
	Federal University of Pernambuco, Feminist Collective for Health and Sexuality	São Paulo,		
	(São Paulo), University of São Paulo, World Health Organization (WHO). Brazil	Pernambuco,		
	WHO Multi-country Study on Women's Health and Domestic Violence Against	São Paulo,		
Childhood sexual abuse	Women 2000-2001.	Pernambuco,	2000-2001	Survey
	Ipsos, National Institute of Public Policy for Alcohol and Other Drugs (INPAD)			
Childhood sexual abuse	(Brazil), University of São Paulo. Brazil National Alcohol and Drugs Survey 2011-	Country	2011-2012	Survey
Childhaadaannalahnaa	Ipsos, National Institute of Public Policy for Alcohol and Other Drugs (INPAD)	Country	2011 2012	Cumunu
Childhood sexual abuse	(Brazil), University of São Paulo. Brazil National Alcohol and Drugs Survey 2011-	Country São Paulo,	2011-2012	Survey
		Pernambuco,		
	Federal University of Pernambuco, Feminist Collective for Health and Sexuality	São Paulo,		
	(São Paulo), University of São Paulo, World Health Organization (WHO). Brazil	Pernambuco,		
	WHO Multi-country Study on Women's Health and Domestic Violence Against	São Paulo,		
Childhood sexual abuse	Women 2000-2001.	Pernambuco,	2000-2001	Survey
	Bassani DG, Palazzo LS, Béria JU, Gigante LP, Figueiredo AC, Aerts DR, Raymann			,
Childhood sexual abuse	BC. Child sexual abuse in southern Brazil and associated factors: a population-		2002-2003	Scientific literature
	Brazilian Society for Family Welfare (BEMFAM), Westinghouse; Institute for			
	Resource Development. Brazil Demographic and Health Survey 1986. Columbia,			
Intimate partner violence	United States: Westinghouse; Institute for Resource Development.	Country	1986	Survey
	Group, Public Health Institute, Centre for Addiction and Mental Health			
	(Canada), Centre for Alcohol Policy Research, Turning Point Alcohol and Drug			
	Centre (Australia), Kettil Bruun Society for Social and Epidemiological Research			
	on Alcohol, University of North Dakota. Brazil - Botucatu Gender, Alcohol and	São Paulo, São		6
Intimate partner violence	Culture: An International Study (GENACIS) 2001-2002.	Paulo, São Paulo	2001	Survey
	Group, Public Health Institute, Centre for Addiction and Mental Health			
	(Canada), Centre for Alcohol Policy Research, Turning Point Alcohol and Drug			
	Centre (Australia), Kettil Bruun Society for Social and Epidemiological Research	São Paulo, São		
Intimata partner vialance	on Alcohol, University of North Dakota. Brazil - Botucatu Gender, Alcohol and Culture: An International Study (GENACIS) 2001-2002.	Paulo, São Paulo	2001	Curvov
Intimate partner violence	Schraiber LB, D'Oliveira AFPL, França Junior I. [Intimate partner sexual violence	Paulo, 3ao Paulo	2001	Survey
Intimate partner violence	among men and women in urban Brazil, 2005] 2008; 127-37.		1998-2005	Scientific literature
memate partner violence	Zaleski M, Pinsky I, Laranjeira R, Ramisetty-Mikler S, Caetano R. Intimate		1330 2003	
Intimate partner violence	partner violence and alcohol consumption 2010; 44(1): 53-9.		2005-2006	Scientific literature
	Zaleski M, Pinsky I, Laranjeira R, Ramisetty-Mikler S, Caetano R. Intimate			
Intimate partner violence	partner violence and alcohol consumption 2010; 44(1): 53-9.		2005-2006	Scientific literature
	Lindner SR, Coelho EB, Bolsoni CC, Rojas PF, Boing AF. [Prevalence of intimate			
	partner physical violence in men and women from Florianópolis, Santa Catarina			
Intimate partner violence	State, Brazil: a population-based study] 2015; 31(4): 815-26.		2009-2010	Scientific literature
	Lindner SR, Coelho EB, Bolsoni CC, Rojas PF, Boing AF. [Prevalence of intimate			
	partner physical violence in men and women from Florianópolis, Santa Catarina			
Intimate partner violence	State, Brazil: a population-based study] 2015; 31(4): 815-26.		2009-2010	Scientific literature
	Brazilian Society for Family Welfare (BEMFAM), Macro International, Inc. Brazil	_		
Intimate partner violence	Demographic and Health Survey 1996. Calverton, United States: Macro	Country	1996	Survey
		São Paulo,		
	Fodoral University of Darnamhusa, Feminist Callective for Health and Covenity	Pernambuco, São Paulo,		
	Federal University of Pernambuco, Feminist Collective for Health and Sexuality (São Paulo), University of São Paulo, World Health Organization (WHO). Brazil	′		
	WHO Multi-country Study on Women's Health and Domestic Violence Against	Pernambuco, São Paulo,		
Intimate partner violence	Women 2000-2001.	Pernambuco,	2000-2002	Survey
paramet		São Paulo,	2002	- /
		Pernambuco,		
	Federal University of Pernambuco, Feminist Collective for Health and Sexuality	São Paulo,		
	(São Paulo), University of São Paulo, World Health Organization (WHO). Brazil	Pernambuco,		
	WHO Multi-country Study on Women's Health and Domestic Violence Against	São Paulo,		
Intimate partner violence	Women 2000-2001.	Pernambuco,	2000-2002	Survey
	Schraiber LB, D'Oliveira AFPL, França Junior I. [Intimate partner sexual violence			
Intimate partner violence	among men and women in urban Brazil, 2005] 2008; 127-37.		1998-2005	Scientific literature
	Brazilian Society for Family Welfare (BEMFAM), Macro International, Inc. Brazil			c
Intimate partner violence	Demographic and Health Survey 1996. Calverton, United States: Macro	Country	1996	Survey
Intimate partner vielance	Ipsos, National Institute of Public Policy for Alcohol and Other Drugs (INPAD)	Country	2011 2012	Survey
Intimate partner violence	(Brazil), University of São Paulo. Brazil National Alcohol and Drugs Survey 2011- Brazilian Society for Family Welfare (BEMFAM), Macro International, Inc. Brazil	Country	2011-2012	Jul vey
Intimate partner violence	Demographic and Health Survey 1991. Calverton, United States: Macro	Country	1991	Survey
	Brazilian Society for Family Welfare (BEMFAM), Macro International, Inc. Brazil	Country	1331	- 3 ,
Intimate partner violence	Demographic and Health Survey 1991. Calverton, United States: Macro	Country	1991	Survey
	Ipsos, National Institute of Public Policy for Alcohol and Other Drugs (INPAD)	,		- /
Intimate partner violence	(Brazil), University of São Paulo. Brazil National Alcohol and Drugs Survey 2011-	Country	2011-2012	Survey
	Brazilian Society for Family Welfare (BEMFAM), Westinghouse; Institute for			
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	Resource Development. Brazil Demographic and Health Survey 1986. Columbia,	ļ		

	Joint United Nations Program on HIV/AIDS (UNAIDS), Ministry of Health (Brazil).			
	Brazil Progress Report on the Response to HIV/AIDS 2012. Geneva, Switzerland:			
Unsafe sex	Joint United Nations Program on HIV/AIDS (UNAIDS), 2012.  Bauman A, Bull F, Chey T, Craig CL, Ainsworth BE, Sallis JF, Bowles HR,	Country	2010	Report
	Hagstromer M, Sjostrom M, Pratt M, IPS Group. The International Prevalence			
Low physical activity	Study on Physical Activity: results from 20 countries 2009; 21.		2003	Scientific literature
Law physical activity	Ministry of Health (Brazil), Secretariat of Health Surveillance, Ministry of Health (Brazil). Brazil Surveillance System of Risk Factors for Chronic Diseases by	Country	2012	Curvov
Low physical activity	(blazil). Blazil Sulveillance System of Kisk Factors for Chronic Diseases by	Amazonas,	2012	Survey
		Ceará, Distrito		
		Federal, Espírito Santo, Mato		
		Grosso Do Sul,		
		Minas Gerais,		
		Paraná, Paraíba,		
		Pará, Pernambuco, Rio		
		Grande do orte,		
		Rio Grande do		
		Sul, Rio de		
		Janeiro, Santa Catarina,		
		Sergipe, São		
		Paulo,		
		Amazonas,		
		Ceará, Distrito Federal, Espírito		
		Santo, Mato		
		Grosso Do Sul,		
		Minas Gerais,		
		Paraná, Paraíba, Pará,		
		Pernambuco, Rio		
		Grande do orte,		
		Rio Grande do Sul, Rio de		
Low physical activity	Brazil Risk Factor Morbidity Noncommunicable Disease Survey 2002-2005	Janeiro, Santa	2002-2005	Survey
	Ministry of Health (Brazil), Secretariat of Health Surveillance, Ministry of Health			
Low physical activity	(Brazil). Brazil Surveillance System of Risk Factors for Chronic Diseases by	Country	2007	Survey
	Ministry of Health (Brazil), Secretariat of Health Surveillance, Ministry of Health (Brazil), University of São Paulo. Brazil Surveillance System of Risk Factors for			
Low physical activity	Chronic Diseases by Telephone Interviews 2006.	Country	2006	Survey
	Ministry of Health (Brazil), Secretariat of Health Surveillance, Ministry of Health			
Low physical activity	(Brazil). Brazil Surveillance System of Risk Factors for Chronic Diseases by	Country	2008	Survey
Low physical activity	Ministry of Health (Brazil), Secretariat of Health Surveillance, Ministry of Health (Brazil). Brazil Surveillance System of Risk Factors for Chronic Diseases by	Country	2009	Survey
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Low physical activity	(Brazil). Brazil Surveillance System of Risk Factors for Chronic Diseases by	Country	2010	Survey
Low physical activity	Ministry of Health (Brazil), Secretariat of Health Surveillance, Ministry of Health (Brazil). Brazil Surveillance System of Risk Factors for Chronic Diseases by	Country	2011	Survey
Low physical activity  Low physical activity	Brazil World Health Survey 2003	Country	2002-2003	
	Ministry of Planning, Budget, and Management (Brazil). Brazil National Health			
Low physical activity	Survey 2013. Rio de Janeiro, Brazil: Brazilian Institute of Geography and	Country	2042	Survoy
Low physical activity	Statistics (IBGE).  National Institute of Public Health (Mexico). Mexico National Survey of Health	Country	2013	Survey
High fasting plasma glucose	and Nutrition 2005-2006. Cuernavaca, Mexico: National Institute of Public	Country	2006	Survey
	PF, Cunha MLMN, Stefanello II JVL, Brum LM, Oliveira LA, Silva CR, Ribeiro ALD.			
High fasting plasma glucose	Diabetes mellitus and impaired glucose tolerance in urban adult population 2014; 60(2): 118-24.	Country	2010	Scientific literature
היים ביים ביים ביים ביים ביים ביים ביים	Rigo JC, Vieira JL, Dalacorte RR, Reichert CL. Prevalence of metabolic syndrome	Country	2010	oc.entine interature
High fasting plasma glucose	in an elderly community: comparison between three diagnostic methods		2005	Scientific literature
High facting places a street	Marcopito LF, Rodrigues SSF, Pacheco MA, Shirassu MM, Goldfeder AJ, de		2004	Scientific literature
High fasting plasma glucose	Moraes MAOL. Prevalence of a set of risk factors for chronic diseases in the city Lima-Costa MF, Mambrini JV, Leite ML, Peixoto SV, Firmo JO, Loyola Filho AI,		2001	Scientific literature
	Gouveia MH, Leal TP, Pereira AC, Macinko J, Tarazona-Santos E. Socioeconomic			
	Position, But Not African Genomic Ancestry, Is Associated With Blood Pressure			
High fasting plasma glucose	in the Bambui-Epigen (Brazil) Cohort Study of Aging 2016; 67(2): 349-55.  Marquezine GF, Oliveira CM, Pereira AC, Krieger JE, Mill JG. Metabolic		1997	Scientific literature
High fasting plasma glucose	syndrome determinants in an urban population from Brazil: social class and		2003	Scientific literature
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	syndrome and its association with educational inequalities among Brazilian			
High fasting plasma glucose	syndrome and its association with educational inequalities among Brazilian adults: a population-based study 2011; 44(7): 7139.		2007	Scientific literature
High fasting plasma glucose	syndrome and its association with educational inequalities among Brazilian		2007	Scientific literature

	Lessa I, Magalhães L, Araújo MJ, de Almeida Filho N, Aquino E, Oliveira MM.			
High fasting plasma glucose	Arterial hypertension in the adult population of Salvador (BA)Brazil 2006;		1999	Scientific literature
	Garcez MR, Pereira JL, Fontanelli M de M, Marchioni DML, Fisberg RM.			
High total cholesterol	Prevalence of dyslipidemia according to the nutritional status in a		2008	Scientific literature
High total cholesterol	Passos VM de A, Barreto SM, Diniz LM, Lima-Costa MF. Type 2 diabetes: prevalence and associated factors in a Brazilian communitythe Bambuí health		1996	Scientific literature
riigii totai eriolesteroi	Krieger JE, Nascimento Neto RM, Chagas ACP, Hearts of Brazil Study and		1550	
	Peripheral Arterial Disease Committee of the Brazilian Society of			
	Cardiology/Funcor. Prevalence and risk factors associated with peripheral			
High total cholesterol	arterial disease in the Hearts of Brazil Project 2008; 91(6): 370-82.		2004	Scientific literature
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Tilgii totai cilolesteroi	Olinto MTA, Gigante DP, Horta B, Silveira V, Oliveira I, Willett W. Major dietary		2000	Scientific interature
High total cholesterol	patterns and cardiovascular risk factors among young Brazilian adults 2012;		2004	Scientific literature
	Gonçalves GC, Soler JMP, Andrade M de, Lorenzi-Filho G, Vallada H, Taporoski			
	TP, Pedrazzoli M, Azambuja AP, Oliveira CM de, Alvim RO, Krieger JE, Pereira			
	AC. Cohort profile: the Baependi Heart Studya family-based, highly admixed			
High total cholesterol	cohort study in a rural Brazilian town 2016; 6(10): 011598.		2005	Scientific literature
High total cholesterol	Rigo JC, Vieira JL, Dalacorte RR, Reichert CL. Prevalence of metabolic syndrome in an elderly community: comparison between three diagnostic methods		2005	Scientific literature
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High total cholesterol	impaired fasting glucose] 2004; 38(4): 529-36.		1999	Scientific literature
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High total cholesterol	Study of Ageing 2011; 40(4): 86217.		1997	Scientific literature
	Freitas MPD, Loyola Filho Al de, Lima-Costa MF. Birth cohort differences in			
	cardiovascular risk factors in a Brazilian population of older elderly: the Bambuí			C
High total cholesterol	Cohort Study of Aging (1997 and 2008) 2011; S409-417.		1997-2008	Scientific literature
High systolic blood pressure	Olinto MTA, Gigante DP, Horta B, Silveira V, Oliveira I, Willett W. Major dietary patterns and cardiovascular risk factors among young Brazilian adults 2012;		2004	Scientific literature
riigii systolic blood pressure	Lima-Costa MF, Firmo JOA, Uchoa E. Cohort profile: the Bambui (Brazil) Cohort		2004	Scientific literature
High systolic blood pressure	Study of Ageing 2011; 40(4): 862.		1997	Scientific literature
· ·	Rigo JC, Vieira JL, Dalacorte RR, Reichert CL. Prevalence of metabolic syndrome			
High systolic blood pressure	in an elderly community: comparison between three diagnostic methods		2005	Scientific literature
	Passos VM de A, Barreto SM, Diniz LM, Lima-Costa MF. Type 2 diabetes:			
High systolic blood pressure	prevalence and associated factors in a Brazilian communitythe Bambuí health		1996	Scientific literature
	Krieger JE, Nascimento Neto RM, Chagas ACP, Hearts of Brazil Study and Peripheral Arterial Disease Committee of the Brazilian Society of			
	Cardiology/Funcor. Prevalence and risk factors associated with peripheral			
High systolic blood pressure	arterial disease in the Hearts of Brazil Project 2008; 91(6): 370-82.		2005	Scientific literature
, ,	Lima-Costa MF, Mambrini JV, Leite ML, Peixoto SV, Firmo JO, Loyola Filho Al,			
	Gouveia MH, Leal TP, Pereira AC, Macinko J, Tarazona-Santos E. Socioeconomic			
	Position, But Not African Genomic Ancestry, Is Associated With Blood Pressure			
High systolic blood pressure	in the Bambui-Epigen (Brazil) Cohort Study of Aging 2016; 67(2): 349-55.		1997	Scientific literature
	Gonçalves GC, Soler JMP, Andrade M de, Lorenzi-Filho G, Vallada H, Taporoski			
	TP, Pedrazzoli M, Azambuja AP, Oliveira CM de, Alvim RO, Krieger JE, Pereira AC. Cohort profile: the Baependi Heart Studya family-based, highly admixed			
High systolic blood pressure	cohort study in a rural Brazilian town 2016; 6(10): 011598.		2005	Scientific literature
	Marcopito LF, Rodrigues SSF, Pacheco MA, Shirassu MM, Goldfeder AJ, de			
High systolic blood pressure	Moraes MAOL. Prevalence of a set of risk factors for chronic diseases in the city		2002	Scientific literature
	Lessa I, Magalhães L, Araújo MJ, de Almeida Filho N, Aquino E, Oliveira MM.			
High systolic blood pressure	Arterial hypertension in the adult population of Salvador (BA)Brazil 2006;		1999	Scientific literature
High systelia blood prossure	Schaan BD, Harzheim E, Gus I. [Cardiac risk profile in diabetes mellitus and impaired fasting glucose] 2004; 38(4): 529-36.		1000	Scientific literature
High systolic blood pressure	Public Health Department, Federal University of Santa Catarina. Brazil -	Santa Catarina,	1999	Scientific literature
High systolic blood pressure	Florianopolis Epidemiological Study on the Health Status of the Adult	Santa Catarina,	2009	Survey
	Freitas MPD, Loyola Filho AI de, Lima-Costa MF. Birth cohort differences in			,
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High systolic blood pressure	Cohort Study of Aging (1997 and 2008) 2011; S409-417.		1997-2008	Scientific literature
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Their systolic blood pressure	Fattori A, Santimaria MR, Alves RMA, Guariento ME, Neri AL. Influence of blood		2013	osientine itterature
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HILL EVETOUR DIOOR PROCEURA	study 2010; 28(1): 2434.		2004	Scientific literature
· ·	de Lolio CA Prevalência da hipertenção arterial em Araraguara 1000: 55/2).		1097	Scientific literature
High systolic blood pressure	de Lolio CA. Prevalência da hipertensão arterial em Araraquara 1990; 55(3): Pereira JC, Barreto SM, Passos VM de A. [Cardiovascular risk profile and health		1987	Scientific literature

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	CR, Santos FC, Bilton T, Ebel SJ, Macedo MB, Almada CM, Nasri F, Miranda RD,			
	Gonçalves M, Santos AL, Fraietta R, Vivacqua I, Alves ML, Tudisco ES. Two-year			
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High systolic blood pressure	preliminary results 1998; 32(5): 397-407.		1992	Scientific literature
	Moraes RS, Fuchs FD, Moreira LB, Wiehe M, Pereira GM, Fuchs SC. Risk factors			
High systolic blood pressure	for cardiovascular disease in a Brazilian population-based cohort study 2003;		1995	Scientific literature
	Hartmann M, Dias-da-Costa JS, Anselmo Olinto MT, Pattussi MP, Tramontini A.			
	Prevalência de hipertensão arterial sistêmica e fatores associados: um estudo			
High systolic blood pressure	de base populacional em mulheres no Sul do Brasil 2007; 23(8): 1857-66.		2003	Scientific literature
	R, Marafiotti Gonçalves R, Arenales de Lima S, Bulgarelli Bestetti R. Prevalence			
	of hypertension in the urban population of Catanduva, in the State of São			
High systolic blood pressure	Paulo, Brazil 2001; 77(1): 9-21.		1998	Scientific literature
	Fornes NS, Martins IS, Velasquez-Melendez G, Latorre Mdo R. Escores de			
High systolic blood pressure	consumo alimentar e níveis lipêmicos em população de São Paulo, Brasil		1991	Scientific literature
	Marcellino C, Henn RL, Olinto MT, Bressan AW, Paniz VM, Pattussi MP. Physical			
High body-mass index	inactivity and associated factors among women from a municipality in southern		2006	Scientific literature
	Ministry of Health (Brazil), Secretariat of Health Surveillance, Ministry of Health			
High body-mass index	(Brazil). Brazil Surveillance System of Risk Factors for Chronic Diseases by	Country	2010	Survey
	Ministry of Health (Brazil), Secretariat of Health Surveillance, Ministry of Health			
High body-mass index	(Brazil). Brazil Surveillance System of Risk Factors for Chronic Diseases by	Country	2012	Survey
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3,	Ministry of Health (Brazil), Secretariat of Health Surveillance, Ministry of Health			
High body-mass index	(Brazil). Brazil Surveillance System of Risk Factors for Chronic Diseases by	Country	2011	Survey
	Amaral C de A, Portela MC, Muniz PT, Farias E dos S, Araujo TS de, Souza OF de.	, ,		
	Association of handgrip strength with self-reported diseases in adults in Rio			
High body-mass index	Branco, Acre State, Brazil: a population-based study 2015; 31(6): 1313 <b>2</b> 5.		2007	Scientific literature
High body-mass index	Brazil - Hearts of Brazil Survey 2004	Country	2005	Survey
mg. 2007 mass mack	Guarita-Souza LC, Olandoski M, Faria-Neto JR. Elevated blood pressure and		2003	
	obesity in childhood: a cross-sectional evaluation of 4,609 schoolchildren			
High body-mass index	2014; 103(3): 23844.		2006	Scientific literature
riigii bouy mass mucx	Ministry of Health (Brazil), Secretariat of Health Surveillance, Ministry of Health		2000	Scientine incruture
	(Brazil), University of São Paulo. Brazil Surveillance System of Risk Factors for			
High body-mass index	Chronic Diseases by Telephone Interviews 2006.	Country	2006	Survey
riigii body mass maex	Leal DB, de Assis MAA, Gonzalez-Chica DA, da Costa FF. Trends in adiposity in	country	2000	Survey
	Brazilian 7-10-year-old schoolchildren evidence for increasing overweight but			
High body-mass index	not obesity between 2002 and 2007 2014; 41(3): 255 <b>6</b> 2.		2002-2007	Scientific literature
riigii bouy mass mucx	Ministry of Health (Brazil), Secretariat of Health Surveillance, Ministry of Health		2002 2007	Scientific fiterature
High body-mass index	(Brazil). Brazil Surveillance System of Risk Factors for Chronic Diseases by	Country	2008	Survey
riigii bouy-iiiass iiiuex	Reigota RB, Pedro AO, de Souza Santos Machado V, Costa-Paiva L, Pinto-Neto	Country	2008	Survey
	AM. Prevalence of urinary incontinence and its association with multimorbidity			
High body-mass index	in women aged 50 years or older: A population-based study 2016; 35(1): 628.		2011	Scientific literature
High body-mass index	FAO Supply Utilization Accounts 1961-2013	Global	_	Administrative record
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High body-mass index  obesidade nas regiões Nordeste e Sudeste do Brasil 2003; 49(2): 162-6.  Dalla Vecchia CF, Susin C, Rösing CK, Oppermann RV, Albandar JM. Overweight and obesity as risk indicators for periodontitis in adults 2005; 76(10): 1721-8.  De Assis MAA, Rolland-Cachera MF, de Vasconcelos FAG, Bellisle F, Conde W, Calvo MCM, Luna MEP, Ireton MJ, Grosseman S. Central adiposity in Brazilian schoolchildren aged 7-10 years 2007; 97(4): 799-805.  MEP, Calvo MCM, Barros MVG, Pires MMS, Bellisle F. Obesity, overweight and thinness in schoolchildren of the city of Florianópolis, Southern Brazil 2005; High body-mass index  Guimarães JMN, de Souza Lopes C, Baima J, Sichieri R. Depression symptoms	-				
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High body-mass index  and obesity as risk indicators for periodontitis in adults 2005; 76(10): 1721-8.  De Assis MAA, Rolland-Cachera MF, de Vasconcelos FAG, Bellisle F, Conde W, Calvo MCM, Luna MEP, Ireton MJ, Grosseman S. Central adiposity in Brazilian  schoolchildren aged 7-10 years 2007; 97(4): 799-805.  MEP, Calvo MCM, Barros MVG, Pires MMS, Bellisle F. Obesity, overweight and thinness in schoolchildren of the city of Florianópolis, Southern Brazil 2005;  High body-mass index  59(9): 1015-21.  Guimarães JMN, de Souza Lopes C, Baima J, Sichieri R. Depression symptoms	<u> </u>				
De Assis MAA, Rolland-Cachera MF, de Vasconcelos FAG, Bellisle F, Conde W, Calvo MCM, Luna MEP, Ireton MJ, Grosseman S. Central adiposity in Brazilian  High body-mass index schoolchildren aged 7-10 years 2007; 97(4): 799-805.  MEP, Calvo MCM, Barros MVG, Pires MMS, Bellisle F. Obesity, overweight and thinness in schoolchildren of the city of Florianópolis, Southern Brazil 2005; High body-mass index 59(9): 1015-21.  Guimarães JMN, de Souza Lopes C, Baima J, Sichieri R. Depression symptoms	High body-mass index			2001	Scientific literature
Calvo MCM, Luna MEP, Ireton MJ, Grosseman S. Central adiposity in Brazilian Schoolchildren aged 7-10 years. 2007; 97(4): 799-805.  MEP, Calvo MCM, Barros MVG, Pires MMS, Bellisle F. Obesity, overweight and thinness in schoolchildren of the city of Florianópolis, Southern Brazil. 2005;  High body-mass index  59(9): 1015-21.  Guimarães JMN, de Souza Lopes C, Baima J, Sichieri R. Depression symptoms					
High body-mass index  schoolchildren aged 7-10 years 2007; 97(4): 799-805.  MEP, Calvo MCM, Barros MVG, Pires MMS, Bellisle F. Obesity, overweight and thinness in schoolchildren of the city of Florianópolis, Southern Brazil 2005;  High body-mass index  59(9): 1015-21.  Guimarães JMN, de Souza Lopes C, Baima J, Sichieri R. Depression symptoms					
MEP, Calvo MCM, Barros MVG, Pires MMS, Bellisle F. Obesity, overweight and thinness in schoolchildren of the city of Florianópolis, Southern Brazil 2005;  High body-mass index 59(9): 1015-21. Guimarães JMN, de Souza Lopes C, Baima J, Sichieri R. Depression symptoms  Scientific literature	High body-mass index			2002	Scientific literature
thinness in schoolchildren of the city of Florianópolis, Southern Brazil 2005;  High body-mass index 59(9): 1015-21. Guimarães JMN, de Souza Lopes C, Baima J, Sichieri R. Depression symptoms  Scientific literature					
High body-mass index 59(9): 1015-21. 2002 Scientific literature Guimarães JMN, de Souza Lopes C, Baima J, Sichieri R. Depression symptoms					
Guimarães JMN, de Souza Lopes C, Baima J, Sichieri R. Depression symptoms	High body-mass index			2002	Scientific literature
indicating in the state of the	High body-mass index	and hypothyroidism in a population-based study of middle-aged Brazilian		2004	Scientific literature

	Oliveira AM, Oliveira AC, Almeida MS, Oliveira N, Adan L. Influence of the family			
High body-mass index	nucleus on obesity in children from northeastern Brazil: a cross-sectional study.		2005	Scientific literature
· ,	De Andrade FB, de França Caldas A Jr, Kitoko PM. Relationship between oral			
High body-mass index	health, nutrient intake and nutritional status in a sample of Brazilian elderly		2006	Scientific literature
	PF, Cunha MLMN, Stefanello II JVL, Brum LM, Oliveira LA, Silva CR, Ribeiro ALD.			
	Diabetes mellitus and impaired glucose tolerance in urban adult population			
High body-mass index	2014; 60(2): 118-24.	Country	2010	Scientific literature
		Ceará, Espírito		
		Santo,		
		Maranhão,		
		Minas Gerais,		
		Paraíba,		
		Pernambuco,		
		Piaui, Rio Grande		
		do orte, Rio de		
		Janeiro, Sergipe,		
		São Paulo,		
		Alagoas, Bahia,		
		Ceará, Espírito		
		Santo,		
		Maranhão,		
High body-mass index	Brazil Living Standards Measurement Survey 1996-1997	Minas Gerais,	1996	Survey
	Zerbini CA, Latorre MR, Jaime PC, Tanaka T, Pippa MG. Bone mineral density in			
Low bone mineral density	Brazilian men 50 years and older 2000; 33(12): 1429-35.		1997	Scientific literature
	Szejnfeld VL, Atra E, Baracat EC, Aldrighi JM, Civitelli R. Bone density in white			
Low bone mineral density	Brazilian women: Rapid loss at the time around the menopause 1995; 56(3):		1992	Scientific literature
	Camargo MBR, Cendoroglo MS, Ramos LR, de Oliveira Latorre M do RD, Saraiva			
	GL, Lage A, Carvalhaes Neto N, Araújo LMQ, Vieira JGH, Lazaretti-Castro M.			
	Bone mineral density and osteoporosis among a predominantly Caucasian			
Low bone mineral density	elderly population in the city of São Paulo, Brazil 2005; 16(11): 1451-60.		1998-1999	Scientific literature
	quantitative ultrasound are risk factors for new osteoporotic fracture and total			
	and cardiovascular mortality: a 5-year population-based study of Brazilian			
Low bone mineral density	elderly women 2006; 61(2): 196-203.		1997-2002	Scientific literature
	D, Griep RH, Vidigal PG, Ribeiro AL, Lotufo PA, Mill JG. Chronic kidney disease			
	among adult participants of the ELSA-Brasil cohort: association with race and			
Impaired kidney function	socioeconomic position 2016; 70(4): 380-9.		2008-2010	Scientific literature
	Pereira ER, Pereira Ade C, Andrade GB, Naghettini AV, Pinto FK, Batista SR,			
Impaired kidney function	Marques SM. Prevalence of chronic renal disease in adults attended by the		2011-2013	Scientific literature

Appendix Table 4. Guidelines for Accurate and Transparent Health Estimates Reporting (GATHER) checklist of information that should be included in reports of global health estimates and description of compliance and location of information for "Burden of disease in Brazil, 1990 to 2016: a systematic review for the Global Burden of Disease (GBD) Study 2016."

#	GATHER checklist item	Description of compliance	Reference
Obie	ectives and funding		
1	Define the indicators, populations, and time periods for which estimates were made.	Narrative in the main text and in the methods appendix describing indicators, definitions, and populations	Main text (Methods) and methods appendix
2	List the funding sources for the work.	Funding sources listed in summary section	Summary (Funding)
	Inputs		
	all data inputs from multiple sources tha		
3	Describe how the data were identified and how the data were accessed.	Narrative of data seeking methods detailed in the GBD 2016 publications* and methods appendices**	GBD 2016 Mortality appendix (pgs 6-9, 21-25, 53, 58-60), Cause of death appendix (pgs 9-13) Years lived with disability (YLDs) appendix (pgs 6-17)
4	Specify the inclusion and exclusion criteria. Identify all ad-hoc exclusions.	Narrative of inclusion and exclusion criteria by data type detailed in the GBD 2016 publications* and methods appendices**	GBD Mortality appendix (pgs 6-9, 21-25, 53, 58-60) Cause of death appendix (by cause pgs 39-278), YLDs appendix (by cause pgs 34-716)
5	Provide information on all included data sources and their main characteristics. For each data source used, report reference information or contact name/institution, population represented, data collection method, year(s) of data collection, sex and age range, diagnostic criteria or measurement method, and sample size, as relevant.	An interactive, online data source tool providing metadata for data sources by component, geography, cause, risk, or impairment is available	Online data citation tools <a href="http://ghdx.healthdata.org/">http://ghdx.healthdata.org/</a> Methods appendix tables 1-4
6	Identify and describe any categories of input data that have potentially important biases (e.g., based on characteristics listed in item 5).	A summary of known biases by cause is detailed in the GBD 2016 publications* and methods appendices **	Main Text, Limitations section in GBD Mortality, Cause of death, and YLD papers Cause of death appendix (by cause pgs 39- 278), YLDs appendix (by cause pgs 34-716)
For c	data inputs that contribute to the analys		
7	Describe and give sources for any other data inputs.	Sources are included in the online data source tool	Online data citation tools <a href="http://ghdx.healthdata.org/">http://ghdx.healthdata.org/</a>

For a	ıll data inputs:		
8	Provide all data inputs in a file format from which data can be efficiently extracted (e.g., a spreadsheet as opposed to a PDF), including all relevant meta-data listed in item 5. For any data inputs that cannot be shared due to ethical or legal reasons, such as third-party ownership, provide a contact name or the name of the institution that retains the right to the data.	Input data available for download through online tools, including data visualization and data query tools. Input data not available in tools will be made available upon request	Online data visualization tools, data query tools, and the Global Health Data Exchange www.healthdata.org/results/data- visualizations; http://ghdx.healthdata.org/gb-results- tool; http://ghdx.healthdata.org/
Data	analysis		
9	Provide a conceptual overview of the data analysis method. A diagram may be helpful.	Flow diagrams of the overall methodological processes, as well as cause-specific modelling processes, detailed in the GBD 2016 publications* and methods appendices**	GBD Mortality appendix figure 1, Cause of death appendix figures 1-3, YLDs appendix figures 1-2
10	Provide a detailed description of all steps of the analysis, including mathematical formulae. This description should cover, as relevant, data cleaning, data pre-processing, data adjustments and weighting of data sources, and mathematical or statistical model(s).	Flow diagrams and corresponding methodological write- ups for each cause, as well as the demographics and causes of death databases and modelling processes, detailed in the GBD 2016 publications* and methods appendices**	GBD Mortality appendix figure 1, Cause of death appendix figures 1-3, YLDs appendix figures 1-2  GBD Cause of death appendix (by cause pgs 39-278) YLDs appendix (by cause pgs 34-716)
11	Describe how candidate models were evaluated and how the final model(s) were selected.	Detailed in the methodological write- ups in the GBD 2016 publications* and methods appendices **	GBD Cause of death appendix (by cause pgs 39-278) YLDs appendix (by cause pgs 34-716)
12	Provide the results of an evaluation of model performance, if done, as well as the results of any relevant sensitivity analysis.	Detailed in the methodological write- up in the GBD 2016 publications* and methods appendices **	GBD Cause of death appendix (by cause pgs 39-278) YLDs appendix (by cause pgs 34-716)

14	Describe methods for calculating uncertainty of the estimates. State which sources of uncertainty were, and were not, accounted for in the uncertainty analysis.  State how analytic or statistical source code used to generate estimates can be accessed.	Narrative in the main paper  Further information detailed in the GBD 2016 publications* and methods appendices**  Access statement Included in the main paper	Main text (Methods)  GBD Cause of death appendix (pgs 9, 33-35, YLD appendix (pgs 10, 28-29)  Main text (Methods)  Code is provided in an online repository  https://github.com/ihmeuw/ihme-modeling
Resu	Its and Discussion		
15	Provide published estimates in a file format from which data can be efficiently extracted.	GBD 2016 results are available through online data visualization tools, the Global Health Data Exchange, and the online data query tool	Main text and online data tools (data visualization tools, data query tools, and the Global Health Data Exchange) www.healthdata.org/results/data- visualizations; http://ghdx.healthdata.org/gb-results- tool; http://ghdx.healthdata.org/
16	Report a quantitative measure of the uncertainty of the estimates (e.g. uncertainty intervals).	Uncertainty intervals provided with all results	Main text (Methods, results), methods appendix and online data tools (data visualization tools, data query tools, and The Global Health Data Exchange)  www.healthdata.org/results/data- visualizations; http://ghdx.healthdata.org/gb-results-tool; http://ghdx.healthdata.org/
17	Interpret results in light of existing evidence. If updating a previous set of estimates, describe the reasons for changes in estimates.	Discussion of methodological changes between GBD rounds in the research in context section of the main paper	Research in context
18	Discuss limitations of the estimates. Include a discussion of any modelling assumptions or data limitations that affect interpretation of the estimates.	Discussion of limitations in the narrative of the main paper	Main text (Discussion, limitations)

<sup>\*</sup>Gakidou E, Afshin A, Abajobir AA, et al. Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. The Lancet 2017; 390: 1345–422.

<sup>\*\*</sup>Supplementary appendix 1

<sup>\*</sup>Hay SI, Abajobir AA, Abate KH, et al. Global, regional, and national disability-adjusted life-years (DALYs) for 333 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. The Lancet 2017; 390: 1260–344.

#### \*\* Supplementary appendix 1

\*Naghavi M, Abajobir AA, Abbafati C, et al. Global, regional, and national age-sex specific mortality for 264 causes of death, 1980–2016: a systematic analysis for the Global Burden of Disease Study 2016. The Lancet 2017; 390: 1151–210.

## \*\* Supplementary appendix 1

\*Vos T, Abajobir AA, Abate KH, et al. Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. The Lancet 2017; 390: 1211–59.

#### \*\* Supplementary appendix 1

\*Wang H, Abajobir AA, Abate KH, et al. Global, regional, and national under-5 mortality, adult mortality, agespecific mortality, and life expectancy, 1970–2016: a systematic analysis for the Global Burden of Disease Study 2016. The Lancet 2017; 390: 1084–150.

\*\* Supplementary appendix 1

Age-standardized	DALY ra	ates (pe	r 100,0	00) of t	op GBI	) level	3 cause	s in Bra	azil, its	26 state	es, and	the Fed	eral Di	strict, b	oth sex	es, 1990	)*					
	Ischemic heart disease	Interpersonal violence	Low back & neck pain	Stroke	Road injuries	Sense organ diseases	Diabetes	Lower respiratory infect	Skin diseases	Congenital defects	Alzheimer di sease	Migraine	COPD	Depressive disorders	Neonatal preterm birth	Anxiety disorders	Falls	Other musculoskeletal	Chronic kidney disease	Alcohol use disorders	Diarrheal di seases	Neonatal encephalopathy
Brazil	3715.5	1478.2	1334.2	2730.7	1600.4	1023.8	966.4	2034.4	832.4	1284.5	650.7	662.2	1080.4	677.2	1670.2	521.5	526.8	457.6	530.4	384.0	2012.4	612.6
Acre	2796.9	1468.6	1323.9	2021.3	1379.1	1071.2	787.0	2304.6	786.9	1380.7	653.8	668.8	1171.3	587.9	2257.0	522.8	461.9	341.4	624.4	380.1	2508.6	851.8
Amapa	2326.7	1086.0	1336.1	1706.9	1120.9	1056.2	762.8	1167.2	814.4	1084.8	646.0	673.2	687.8	591.6	1722.5	526.0	356.9	338.8	576.1	243.0	1113.0	663.3
Amazonas	2431.3	1277.4	1332.2	1959.4	1199.4	1039.9	780.9	1477.0	818.4	1257.4	635.7	673.0	728.1	601.3	1937.4	525.4	427.9	387.1	484.2	272.7	2304.1	598.0
Para	2572.8	1190.1	1333.8	2128.8	1353.2	1073.3	627.6	1971.5	815.4	1121.7	621.7	671.3	739.5	562.4	1945.0	525.2	441.2	357.7	524.1	226.8	2928.5	566.3
Rondonia	3801.2	2269.9	1321.6	2827.2	2220.7	1045.9	952.3	1678.7	820.5	1135.7	668.8	660.5	1216.7	668.5	1631.3	517.1	565.9	345.8	596.5	310.1	1958.2	668.4
Roraima	2857.8	1824.9	1312.7	1985.4	2205.9	1035.9	1255.9	2156.7	844.8	1097.8	660.2	640.3	701.8	733.7	1996.9	504.8	444.8	315.1	680.4	297.4	2081.6	831.8
Tocantins	2395.7	938.8	1324.7	1990.0	1643.7	1104.7	682.5	1758.6	817.8	1507.2	631.2	667.9	691.5	648.1	1835.6	522.4	406.3	321.6	403.9	313.4	1886.5	823.5
Alagoas	3196.6	1883.3	1339.3	3393.2	2049.2	1086.6	1267.7	4090.8	804.9	1618.8	638.4	682.4	1019.6	667.2	2108.7	531.8	483.9	380.5	591.0	315.4	5944.8	986.0
Bahia	2673.6	905.2	1415.5	2169.7	1282.1	1068.6	1009.2	2083.6	878.4	875.0	622.5	681.0	753.2	557.7	2332.8	531.1	491.5	340.9	508.7	374.4	3766.7	646.4
Ceara	1881.7	956.7	1345.7	1715.8	1381.8	1077.8	573.4	2983.6	818.9	2033.0	605.5	688.3	560.3	659.3	2211.1	535.2	460.4	337.0	309.5	372.5	4723.5	715.0
Maranhao	2222.3	1248.3	1331.7	2220.5	1587.2	1104.3	843.5	2561.1	807.1	1538.3	610.9	678.0	586.1	623.1	1969.1	528.9	408.5	332.3	520.5	294.4	3838.8	1306.3
Paraiba	2713.6	1225.1	1347.8	2075.6	1324.0	1075.4	995.8	2280.7	819.0	1809.7	643.4	690.3	733.7	632.1	1345.3	536.3	349.2	379.9	559.9	338.7	2493.3	743.5
Pernambuco	3623.8	2372.1	1343.2	2964.0	1544.7	1055.9	1214.1	3036.6	820.9	1875.6	642.2	687.5	993.6	705.6	2090.4	534.2	411.2	332.3	538.1	394.9	4540.8	643.9
Piaui	2098.1	674.6	1342.2	2077.0	1264.6	1093.6	615.3	1751.4	798.0	1282.2	617.2	685.3	516.9	630.2	1935.2	533.3	331.8	362.1	326.0	272.2	3067.8	687.1
Rio Grande do Norte	2326.4	875.1	1344.8	1567.5	1373.2	1064.4	900.9	2369.2	834.2	1610.7	636.7	686.6	404.9	683.5	2010.6	533.9	324.1	345.5	355.5	321.9	3179.3	633.5
Sergipe	2512.1	1412.1	1336.7	2500.2	1789.9	1060.2	1363.2	1861.3	820.9	1417.1	650.7	683.5	775.1	669.4	2195.7	532.3	494.3	351.0	561.4	501.4	3769.1	862.8
Distrito Federal	3228.8	1449.3	1350.4	2314.3	1869.2	937.4	961.7	1074.0	842.3	1247.1	663.1	688.4	863.2	642.5	1132.4	535.2	610.3	389.3	516.0	399.3	595.7	552.0
Goias	3526.6	1532.2	1331.0	2905.8	2291.6	1037.6	797.9	1393.2	821.2	1212.0	651.3	673.8	1626.6	732.4	1362.1	525.5	591.9	339.5	552.5	374.2	886.0	453.6
Mato Grosso	3567.4	1373.6	1326.9	2000.1	1937.2	1033.8	769.5	1489.0	825.0	1086.0	650.2	662.7	932.5	613.0	1663.3	519.1	540.1	326.5	528.4	294.6	1263.3	429.3
Mato Grosso do Sul	3869.3	1438.8	1334.5	2714.0	1745.2	1023.9	761.5	1419.1	820.1	1068.1	654.2	672.5	995.5	696.9	1316.4	525.3	566.9	355.6	531.0	377.9	944.1	417.1
Espirito Santo	3590.7	1892.4	1334.5	3490.7	1925.0	1006.8	859.3	1183.4	839.5	1496.6	648.3	677.7	967.3	632.5	1468.6	528.8	669.3	335.7	526.4	437.6	1025.0	568.2
Minas Gerais	3828.2	964.0	1333.1	2977.4	1406.5	1025.6	951.3	1628.7	815.6	1265.0	646.0	648.4	1334.2	679.5	1852.2	529.2	510.2	366.3	624.7	501.1	979.3	526.4
Rio de Janeiro	5149.6	2919.5	1344.3	3649.0	1730.7	978.7	1411.6	2118.4	859.8	1194.2	647.8	687.5	1264.7	672.1	1579.0	534.8	582.8	368.3	616.7	358.3	806.2	460.3
Sao Paulo	4343.5	1687.3	1335.8	2614.7	1666.4	983.1	972.4	2014.5	828.3	1143.2	695.8	608.5	1062.0	701.2	1287.2	490.7	657.2	805.9	548.2	431.1	670.2	563.5
Parana	4197.0	1069.9	1338.2	3491.8	1778.7	1017.6	841.4	1236.0	799.6	1169.2	653.2	678.0	1418.9	700.0	1119.5	528.8	536.4	312.7	471.4	394.0	988.0	491.4
Rio Grande do Sul	4195.0	1131.5	1206.6	2743.5	1231.9	1001.1	759.2	1238.1	859.7	952.0	655.4	697.2	1562.1	777.0	933.4	531.4	437.2	366.9	468.0	303.7	436.8	384.2
Santa Catarina	3882.0	806.3	1338.1	2963.3	2084.7	1021.3	853.0	1355.2	825.4	1286.5	647.9	677.7	1595.9	782.7	1090.7	528.8	416.3	349.8	457.2	296.7	851.2	495.4



Significantly lower than national mean Indistinguishable from national mean Significantly higher than national mean

DALYs: Disability-adjusted life-years; GBD: Global burden of disease; COPD: Chronic obstructive pulmonary disease

<sup>\*</sup>Diarrheal diseases and neonatal encephalopathy are also included, where they were top causes of DALYs in 1990 but were not a leading cause in 2016.

Age-standardized D	ALY ra	tes (per	100.00	0) of to	n GBD	level 3	causes	in Bra	zil. its 2	26 state	s. and t	he Fede	eral Dis	trict. bo	oth sexe	s. 2016	*					
	Ischemic heart disease	Interpersonal violence	Low back & neck pain	Stroke	Road injuries	Sense organ diseases	Diabetes	Lower respiratory infect	Skin diseases	Congenital defects	Alzheimer disease	Migraine	COPD	Depressive disorders	Neonatal preterm birth	Anxiety disorders	Falls	Other musculoskeletal	Chronic kidney disease	Alcohol use disorders	Diarrheal diseases	Neonatal encephalopathy
Brazil	1927.1	1488.7	1275.8	1169.9	1151.5	973.4	882.1	869.8	865.0	790.7	671.3	657.9	633.1	620.2	580.6	572.2	511.7	475.3	459.7	413.0	319.9	300.9
Acre	1718.1	1491.5	1270.5	1284.8	1036.3	997.9	946.0	1123.0	821.6	953.8	664.5	668.7	970.4	582.9	918.9	577.8	565.9	342.1	672.4	428.4	493.5	471.3
Amapa	1615.3	1763.1	1274.6	1293.1	1018.1	985.3	947.0	911.6	862.6	786.1	665.3	669.1	569.0	594.6	751.1	578.0	414.3	344.3	658.3	299.3	273.4	468.8
Amazonas	1542.7	1670.7	1276.8	1260.8	790.9	979.4	997.7	937.4	858.3	798.4	654.7	670.5	564.7	556.4	582.4	579.4	455.4	416.7	576.8	330.2	408.9	331.6
Para	1857.3	1915.6	1271.7	1407.1	1167.4	1006.9	1039.8	1038.7	853.3	623.2	637.8	668.0	634.6	507.6	559.7	577.3	376.2	390.2	537.5	270.9	495.1	288.9
Rondonia	2033.8	1516.9	1272.7	1196.3	1466.6	978.0	977.5	731.0	850.0	700.0	672.9	668.2	773.0	613.1	520.3	576.6	493.0	343.1	579.9	313.0	322.1	309.3
Roraima	1708.6	1493.4	1269.2	1068.5	1574.3	980.3	1295.2	1271.9	885.7	761.1	678.3	665.1	486.6	717.1	756.4	574.6	447.8	316.3	653.7	317.2	389.1	388.4
Tocantins	1987.5	1277.7	1266.5	1369.4	1716.7	1036.3	1022.4	632.9	848.8	880.9	646.6	667.1	519.4	642.1	622.8	576.1	527.0	315.4	514.4	447.3	320.0	416.5
Alagoas	2247.1	2573.6	1279.4	1662.0	1294.5	1009.2	1513.7	886.2	843.3	660.9	644.2	679.1	635.0	691.5	507.8	585.9	422.4	390.2	560.8	436.1	515.2	263.9
Bahia	1720.8	1887.9	1390.3	1196.6	1090.6	998.0	1099.4	760.8	909.8	863.6	628.2	673.5	580.4	544.8	704.8	581.7	477.4	349.0	510.9	517.0	471.3	355.4
Ceara	1865.2	1894.9	1279.9	1262.3	1507.6	1003.2	857.2	892.9	865.2	933.0	647.7	676.9	477.5	644.9	674.4	584.2	458.1	362.9	396.4	631.5	446.0	326.3
Maranhao	2148.0	1567.4	1272.2	1602.9	1401.2	1014.4	1283.4	860.2	845.1	925.4	624.3	674.3	426.3	601.0	613.0	582.5	415.4	348.4	535.0	369.4	578.8	484.9
Paraiba	2253.5	1782.8	1280.6	1254.2	1279.6	1003.7	1259.3	828.1	853.6	837.3	647.9	680.0	537.3	615.7	441.1	586.4	370.7	379.1	534.9	415.9	414.7	245.6
Pernambuco	2375.8	2054.2	1278.9	1328.3	1214.9	994.4	1211.3	801.4	855.3	923.9	649.1	679.4	885.4	692.4	552.5	586.0	357.8	348.3	454.0	475.9	467.0	350.0
Piaui	2145.8	1065.8	1274.3	1567.3	1670.3	1016.5	1134.5	720.4	833.0	895.5	646.8	677.6	425.6	592.1	691.3	583.9	443.9	368.4	462.3	461.5	399.4	496.0
Rio Grande do Norte	1965.7	1715.7	1279.6	942.8	1101.9	990.7	1202.3	718.1	868.1	749.5	639.8	675.4	360.8	651.5	594.7	582.6	408.1	350.5	430.1	446.6	460.4	261.7
Sergipe	1937.2	1956.3	1278.6	1429.6	1448.8	986.3	1387.0	806.5	872.2	911.6	650.3	676.7	549.8	615.6	729.2	584.1	503.6	352.5	544.1	677.4	369.7	496.6
Distrito Federal	1351.6	1387.2	1291.7	888.3	931.6	895.4	671.4	502.6	872.3	872.5	640.7	688.6	433.2	612.0	533.2	592.3	541.8	378.4	415.2	435.6	207.1	263.1
Goias	2086.7	1895.6	1271.2	1140.7	1586.2	975.1	822.8	844.9	852.7	850.0	651.8	671.0	882.4	650.8	627.9	578.8	641.9	326.6	517.5	452.9	277.9	293.7
Mato Grosso	2031.9	1691.6	1270.7	1222.0	1692.9	969.3	1015.0	794.4	858.4	667.2	658.5	665.8	783.4	593.1	470.7	574.9	532.0	344.9	550.9	411.2	296.2	226.6
Mato Grosso do Sul	2213.4	1338.5	1276.9	1247.6	1354.2	965.7	815.8	795.7	856.5	662.0	659.2	671.3	643.6	637.0	403.6	579.1	613.8	339.6	499.8	424.6	276.4	208.4
Espirito Santo	1735.5	2038.4	1273.9	1187.0	1360.9	955.7	806.6	609.9	870.7	948.8	650.4	671.7	479.2	618.7	476.8	579.7	611.6	336.2	467.6	492.1	246.7	316.8
Minas Gerais	1671.9	1265.1	1272.3	1110.6	1129.5	975.5	750.2	798.7	847.4	790.9	646.9	640.4	586.5	623.5	707.5	580.1	484.6	363.2	444.4	554.6	255.1	275.6
Rio de Janeiro	2348.6	1786.2	1289.7	1281.0	1023.2	944.4	1063.6	1116.8	896.3	745.6	655.8	678.3	638.0	580.8	524.3	585.0	469.2	390.2	580.8	315.0	213.3	300.4
Sao Paulo	1908.0	965.4	1275.3	1022.0	874.9	963.0	643.4	933.1	857.5	688.9	743.2	606.0	597.8	612.4	531.6	537.7	599.6	876.6	392.2	310.4	198.8	230.8
Parana	1892.0	1468.5	1275.4	1193.0	1395.1	958.7	900.4	641.0	835.1	793.3	655.9	674.5	782.3	626.8	490.3	581.3	628.0	303.5	417.5	460.7	250.6	261.5
Rio Grande do Sul	1787.2	1217.6	1122.8	1112.2	923.2	957.2	743.2	652.0	890.9	749.3	659.3	707.3	810.4	700.7	475.5	581.9	494.6	352.0	398.2	361.3	192.7	232.3
Santa Catarina	1736.8	802.0	1275.7	962.3	1380.8	959.7	748.8	685.0	854.7	895.3	649.2	670.7	740.0	757.6	537.2	578.9	433.8	339.7	371.4	347.5	237.8	262.3

Significantly lower than national mean
Indistinguishable from national mean
Significantly higher than national mean

DALYs: Disability-adjusted life-years; GBD: Global burden of disease; COPD: Chronic obstructive pulmonary disease

<sup>\*</sup>Diarrheal diseases and neonatal encephalopathy are also included, where they were top causes of DALYs in 1990 but were not a leading cause in 2016.

Ranking of top GBD level 3 causes	of age	-standa	ırdized	DALY	s in Braz	il and c	ompara	itor cou	ntries,	both se	xes, 2010
	Brazil	Russia	India	China	South Africa	Mexico	Argentina	Colombia	Australia	Canada	England
Ischemic heart disease	1927.1	5240.0	4111.3	2002.1	1835.3	1700.7	1870.3	1650.5	983.1	1152.0	1139.0
Interpersonal violence	1488.7	747.1	217.8	108.3	1871.6	830.8	343.1	1745.7	94.2	124.6	54.2
Low back and neck pain	1275.8	1382.1	909.0	986.6	1104.6	909.7	1570.5	1009.7	1493.7	1372.5	1819.9
Stroke	1169.9	2939.5	1694.1	2523.2	1413.2	616.3	934.5	608.7	469.2	503.9	569.9
Road injuries	1151.5	1078.5	1017.9	1039.3	2088.9	839.4	736.1	729.0	431.4	463.3	281.9
Sense organ diseases	973.4	899.8	1315.1	873.2	1118.8	1009.1	723.5	1067.0	563.4	562.7	666.7
Diabetes mellitus	882.1	390.3	1059.4	513.7	2325.8	2213.0	696.9	694.6	407.9	547.1	288.9
Lower respiratory infections	869.8	742.5	1868.3	375.2	2536.5	560.9	941.8	456.8	134.9	178.4	338.6
Skin and subcutaneous diseases	865.0	737.5	674.3	703.0	913.2	744.8	906.3	802.0	911.8	1076.0	1067.9
Congenital birth defects	790.7	521.3	684.7	565.9	507.6	811.0	636.5	669.2	292.7	355.1	349.9
Alzheimer disease and other dementias	671.3	325.1	304.0	529.6	386.8	492.7	322.9	474.4	366.1	333.1	440.0
Migraine	657.9	704.4	722.6	380.6	504.8	638.7	670.7	660.2	739.8	685.0	719.1
Chronic obstructive pulmonary disease	633.1	341.4	2432.1	1063.9	931.4	482.3	547.7	559.2	371.7	336.8	507.4
Depressive disorders	620.2	625.7	627.3	539.5	688.2	489.1	588.2	394.4	775.9	589.0	664.1
Neonatal preterm birth complications	580.6	238.9	1308.0	486.5	837.4	500.2	574.5	559.7	187.2	296.9	349.4
Anxiety disorders	572.2	268.1	310.9	291.4	358.2	282.1	568.2	242.0	570.4	481.9	435.4
Falls	511.7	903.7	839.4	365.4	192.9	382.3	306.9	317.5	364.0	414.0	449.5
Other musculoskeletal disorders	475.3	96.1	625.6	312.1	304.3	418.7	643.4	423.9	648.1	596.3	352.4
Chronic kidney disease	459.7	228.3	727.9	322.5	791.3	1563.3	501.6	496.7	185.5	203.6	123.1
Alcohol use disorders	413.0	1119.2	199.2	149.7	197.1	263.0	215.8	178.4	170.6	212.4	170.5
Oral disorders	366.9	322.7	296.5	184.5	282.7	355.7	284.8	345.5	317.4	296.4	354.9
Iron-deficiency anemia	361.9	88.1	1231.4	85.0	275.0	115.3	124.4	84.7	31.2	38.6	84.3
Tracheal, bronchus, and lung cancer	334.8	581.2	171.2	799.3	446.6	179.5	534.8	233.7	488.9	738.6	633.1
HIV/AIDS	322.1	605.0	362.0	88.0	16894.2	197.2	200.5	223.9	22.4	52.7	24.5

		Rai	nk		
1	2-3	4-6	7-10	11-17	18+

1274.3

GBD: Global burden of disease; DALYs: Disability-adjusted life-years; HIV/AIDS: Human immunodeficiency virus/Acquired immune deficiency syndrome

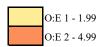
2162.5

Diarrheal diseases

Ratio of observed and expected (O:E) age-standardized disability-adjusted life-year (DALY) rates in Brazil and comparator countries, both sexes, 2016

			. `	. ′ -	•							. `	. ′								
		Ischemic heart disease	Interpersonal violence	Low back and neck pain	Stroke	Road injuries	Sense organ diseases	Diabetes mellitus	Lower respiratory infections	Skin and subcutaneous diseases	Congenital birth defects	Alzheimer disease and other dementias	Migraine	Chronic obstructive pulmonary disease	Depressive disorders	Neonatal preterm birth complications	Anxiety disorders	Falls	Other musculoskeletal disorders	Chronic kidney disease	Alcohol use disorders
Brazil	1990	0.87	2.58	1.16	0.94	1.05	0.88	0.72	0.90	1.12	1.28	1.26	1.11	0.77	1.09	1.19	1.41	1.20	1.03	0.68	1.47
	2016	0.53	4.28	0.95	0.60	1.03	1.04	1.04	1.10	1.05	1.02	1.32	1.01	0.73	1.01	0.80	1.43	1.05	1.30	1.04	1.70
Russia	1990	1.68	3.44	1.05	2.37	1.50	1.11	0.58	1.32	0.82	1.60	0.66	1.04	0.89	1.06	1.43	0.66	1.82	0.33	0.66	4.35
	2016	1.78	3.82	0.92	2.20	1.33	1.20	0.67	1.87	0.85	1.01	0.70	1.03	0.65	1.03	0.66	0.65	1.69	0.33	0.83	5.15
India	1990	0.94	0.61	0.87	0.69	0.65	1.06	0.62	0.90	0.86	0.90	0.55	1.26	2.27	1.01	1.22	0.95	1.69	1.67	0.92	0.98
	2016	1.00	0.40	0.77	0.63	0.71	1.18	0.86	1.07	0.89	0.70	0.59	1.19	1.90	1.01	1.05	0.82	1.92	1.43	1.05	0.76
China	1990	0.42	0.47	1.00	1.41	0.80	0.75	0.36	0.97	0.93	1.14	1.02	0.65	2.45	0.99	1.10	0.83	0.89	0.78	0.55	0.55
	2016	0.56	0.34	0.72	1.36	0.97	0.96	0.64	0.52	0.85	0.77	1.05	0.58	1.31	0.88	0.72	0.72	0.74	0.88	0.78	0.62
South Africa	1990	0.46	4.96	0.93	0.60	1.89	1.05	1.31	2.44	1.20	0.74	0.73	0.84	0.84	1.15	1.01	0.95	0.47	0.67	1.02	1.02
	2016	0.52	6.09	0.80	0.78	2.00	1.25	2.98	3.73	1.10	0.71	0.77	0.76	1.19	1.12	1.32	0.89	0.39	0.87	1.99	0.83
Mexico	1990	0.46	1.99	0.81	0.33	0.97	0.94	1.78	0.83	0.96	1.03	1.01	1.07	0.44	0.75	0.68	0.71	1.30	0.79	1.13	1.76
	2016	0.48	2.70	0.66	0.34	0.80	1.13	2.84	0.83	0.89	1.13	0.98	0.97	0.62	0.79	0.79	0.70	0.76	1.20	3.92	1.11
Argentina _	1990	0.88	0.77	1.26	0.88	0.58	0.77	0.65	0.75	1.06	1.15	0.65	1.08	0.54	0.95	1.42	1.47	0.77	1.53	1.09	1.12
	2016	0.55	1.26	1.11	0.56	0.75	0.85	0.97	1.60	1.07	0.97	0.65	1.00	0.77	0.96	1.05	1.39	0.60	1.94	1.39	0.93
Colombia	1990	0.73	6.37	0.88	0.51	0.86	1.04	0.65	0.52	1.04	0.77	0.99	1.10	0.50	0.68	0.84	0.71	1.03	0.88	0.93	0.58
	2016	0.45	4.90	0.75	0.31	0.65	1.13	0.80	0.56	0.98	0.85	0.93	1.02	0.64	0.64	0.75	0.61	0.66	1.15	1.10	0.73
Australia _	1990	1.02	0.70	0.98	0.70	1.18	0.74	0.72	0.43	1.01	0.97	0.85	1.09	1.10	1.27	1.06	1.39	0.64	2.67	0.71	0.75
	2016	0.40	0.63	0.97	0.44	0.63	0.83	0.81	0.48	1.04	0.69	0.87	1.07	0.93	1.31	0.72	1.37	0.68	2.41	0.84	0.83
Canada	1990	1.00	0.86	0.95	0.63	1.21	0.72	1.02	0.79	1.19	1.11	0.77	1.07	0.87	1.02	1.13	1.27	0.75	1.99	0.81	0.97
	2016	0.50	0.90	0.89	0.50	0.71	0.86	1.14	0.72	1.23	0.88	0.82	0.99	0.93	1.00	1.26	1.15	0.77	2.28	1.00	1.05
England	1990	1.08	0.28	1.28	0.73	0.65	0.77	0.56	0.95	1.21	0.92	0.98	1.08	0.97	1.16	0.95	1.05	0.84	1.06	0.43	0.59
	2016	0.43	0.32	1.19	0.48	0.38	0.94	0.54	1.04	1.22	0.76	1.00	1.04	1.13	1.11	1.17	1.05	0.84	1.27	0.51	0.81

O:E < 0.5 O:E 0.5 - 0.99



O:E ≥ 5

#### Methods

The Global Burden of Disease (GBD) 2016 study organises causes of mortality and morbidity within a four-level classification hierarchy to produce estimates that are mutually exclusive and collectively exhaustive. The full GBD cause hierarchy, including corresponding International Classification of Diseases (ICD)-9 and ICD-10 codes, is detailed in the respective GBD 2016 publications. Risk factors are likewise organized in a four-tier hierarchy. The GBD 2016 included substantial methodological improvements from 2015, as described in detail in the GBD mortality, cause of death, years lived with disability (YLDs), disability-adjusted life years (DALYs) and healthy life expectancy (HALE), and risk factor publications (see "research in context" sections).<sup>1</sup>

#### 1. Data

Data for all-cause mortality models were derived from vital registration systems, survey data, census data, birth histories, and sibling histories where complete vital registration information was not available. Cause-specific data included a comprehensive set of sources that met quality inclusion criteria, such as vital registration, disease registries, and verbal autopsy from 1980 to 2016. A complete list of data sources used in Brazil cause-specific mortality estimates is provided in Appendix Table 1, categorized by type of data source (vital registration, verbal autopsy, surveillance, sibling history, survey/census, cancer registry, or police records). Data on nonfatal outcomes come from published studies, survey data, ministry of health and central statistical office webpages, epidemiological surveillance data, and hospital inpatient data. A complete list of data sources used in Brazil morbidity estimates by cause is provided in Appendix Table 2, including the coverage level, year, and type of data source. Data on risks come primarily from published studies, surveys, censuses, and satellite data. A complete list of data sources used in Brazil risk factor estimates by risk is provided in Appendix Table 3, including the coverage level, year, and type of data source.

Inclusion and exclusion criteria for all-cause mortality and cause-specific mortality and morbidity data is available in the GBD mortality appendix, cause of death appendix, and YLDs appendix. <sup>2</sup>

Detailed information about deaths in Brazil was mainly obtained from the Mortality Information System (Sistema de Informações sobre Mortalidade, SIM) database.<sup>3</sup> Population censuses and intercensal estimates were provided by the Brazilian Institute of Geography and Statistics (Instituto Brasileiro de Geografia e Estatística, IBGE).<sup>4</sup>

<sup>&</sup>lt;sup>1</sup> Wang H, Abajobir AA, Abate KH, et al. Global, regional, and national under-5 mortality, adult mortality, age-specific mortality, and life expectancy, 1970–2016: a systematic analysis for the Global Burden of Disease Study 2016. The Lancet 2017; 390: 1084–150.

Naghavi M, Abajobir AA, Abbafati C, et al. Global, regional, and national age-sex specific mortality for 264 causes of death, 1980–2016: a systematic analysis for the Global Burden of Disease Study 2016. The Lancet 2017; 390: 1151–210.

Vos T, Abajobir AA, Abate KH, et al. Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. The Lancet 2017; 390: 1211–59. Gakidou E, Afshin A, Abajobir AA, et al. Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. The Lancet 2017; 390: 1345–422.

Hay SI, Abajobir AA, Abate KH, et al. Global, regional, and national disability-adjusted life-years (DALYs) for 333 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. The Lancet 2017; 390: 1260–344.

<sup>&</sup>lt;sup>2</sup> Ibid

<sup>&</sup>lt;sup>3</sup> Ministério da Saúde. Sistema de Informação sobre Mortalidade. 2014. http://svs.aids.gov.br/cgiae/sim/ (accessed June 20, 2017).

<sup>&</sup>lt;sup>4</sup> Censo Demográfico 2010. Instituto Brasileiro de Geografia e Estatística. 2015. http://censo2010.ibge.gov.br/ (accessed June 20, 2017).

To evaluate the completeness of death registration, for every intercensal period we applied three death distribution methods: synthetic extinct generations; generalized growth balance; and a hybrid of the first two methods, as described in detail elsewhere.<sup>5</sup> We use the entire time series of these death distribution estimates of completeness and the completeness of child death registration to generate our time series of registration completeness.<sup>5</sup>

An assessment by Campos de Lima and colleagues estimated that the completeness of death counts increased from about 80% in 1980–1991 to over 95% in 2000–2010, and the percentage of illdefined causes of death decreased about 53%. Despite these improvements, the GBD found that in 2015, 18% of deaths in Brazil were coded to garbage codes (GC), meaning that the deaths were assigned to ill-defined diagnoses or to conditions that cannot be causes or underlying causes of death. The garbage codes were reassigned to specific ICD codes by age, sex, location, and year using proportional, negative correlation, multiple cause of death, and fixed proportion redistribution methods.

## 2. Mortality

We report data on cause-specific mortality and cause-specific years of life lost (YLLs) due to premature mortality for 264 causes of mortality. For GBD 2016, 68 causes were considered causes of disability but not death, while 5 were considered causes of death but not disability. Cause-specific mortality estimates for each age, sex, and location-year were most commonly generated using the GBD Cause of Death Ensemble model (CODEm) and the CodCorrect process. In CODEm, a variety of models were developed. For each individual model, out-of-sample predictive validity was assessed and models were ranked for use in ensemble modelling. The ensemble with the highest out-of-sample predictive validity was selected from differently weighted combinations of individual models. For causes where there was evidence that children and adults had different relationships between their covariates and death rates, separate models were run for different age ranges. Separate models were also developed for countries with complete, representative, and extensive VR by cause, including Brazil, to ensure that uncertainty reflects the more complete data in those locations. The CoDCorrect process ensures that there is internal consistency between cause-specific and all-cause mortality estimates by rescaling causes up the GBD hierarchy using a core algorithm described in more detail in the GBD cause-specific mortality paper appendix.<sup>6</sup>

## 3. Morbidity

Estimates of morbidity were produced for 328 causes and 2982 sequela for each age, sex, and year. For GBD 2016, 68 causes were considered causes of disability but not death, while 5 were considered causes of death but not disability. To estimate YLDs, the Bayesian meta-regression tool DisMod-MR 2.1 estimated prevalence and incidence for most causes of disease and injury and their non-fatal outcomes, calculated the product of incidence and a specific disability weight for each sequelae, adjusted for comorbidity, and aggregated to cause-level, ensuring consistency for each condition. Several causes were estimated using custom models; details of these causes and their

<sup>&</sup>lt;sup>5</sup> Naghavi M, Abajobir AA, Abbafati C, et al. Global, regional, and national age-sex specific mortality for 264 causes of death, 1980–2016: a systematic analysis for the Global Burden of Disease Study 2016. The Lancet 2017; 390: 1151–210.

<sup>&</sup>lt;sup>6</sup> Lima, E. E. C. D., & Queiroz, B. L. (2014). Evolution of the deaths registry system in Brazil: associations with changes in the mortality profile, under-registration of death counts, and ill-defined causes of death. Cadernos de Saúde Pública 2014; 30(8), 1721-1730. http://dx.doi.org/10.1590/0102-311X00131113

modelling strategy can be found in the GBD YLDs publication. YLDs were estimated for all mutually exclusive sequelae by multiplying prevalence by a disability weight, then correcting for comorbidity and aggregating to cause level.

## 4. Disability-adjusted life-years

DALYs are a combined measure of mortality and morbidity. They are calculated by summing YLLs and YLDs for each age, sex, location, and year.

#### 5. Risk factors

Deaths, YLLs, YLDs, and DALYs attributable to 84 risk factors or clusters of risk factors were assessed in GBD 2016. For each risk-outcome pair, relative risks of mortality and morbidity were estimated on the basis of meta-analyses of the literature. Second, exposure to each risk factor in each country and Brazilian state by age, sex, and year was estimated on the basis of published and unpublished data with primarily Bayesian estimation methods. Finally, attributable deaths or DALYs were estimated by comparing the present distribution of exposure to a theoretical minimum risk distribution of exposure selected for each risk factor. Each risk, exposure estimate, and theoretical minimum risk distribution and uncertainty in the background outcome rates have been propagated into the final estimates.

## 6. Socio-demographic Index

The Socio-demographic-Index (SDI) is a summary indicator based on average lag-dependent income per capita, total fertility rate in the population, and years of education attained in the population over 15 years of age, calculated as the geometric mean of the rescaled (0-1) values of the three components for each location-year. The 2016 SDI score for Brazil was 0.71. GBD 2016 grouped locations into low, low-middle, middle, high-middle, and high SDI for analysis.

### Expected values calculation

Gaussian process regression was used to estimate the relationship between SDI and each age-sex-cause death rate. These relationships were used to estimate expected YLLs based on SDI alone for each age, sex, location, and year.

#### Scale of SDI

For each component of the SDI, 0 represents a theoretical minimum level of development for the selected health outcomes and 1 represents a theoretical maximum level of development for the selected health outcomes. Thresholds were set based on the relationship between each component with under 5 mortality rates and life expectancy at birth and identified points of limiting returns if they occurred prior to theoretical limits.

#### 7. Uncertainty levels

Uncertainty levels were propagated at multiple stages throughout the GBD modelling process. Uncertainty for mortality and YLLs reflected uncertainty in the levels of all-cause mortality and uncertainty in the estimation of each mortality cause, in each age group, sex, and year. Uncertainty in the disability weight for each sequela was propagated into the estimates of YLDs for each disease and injury. A sample of 1,000 draws was taken from the posterior distribution of each estimation step; aggregation of uncertainty across age, sex, and location was performed on each draw,

assuming independence of uncertainty. The lower and upper uncertainty intervals (UI) represent the ordinal 25th and 975th draws of each quantity and attempt to describe modelling as well as sampling error.