# THE LANCET Global Health 

## Supplementary appendix

This appendix formed part of the original submission and has been peer reviewed. We post it as supplied by the authors.

Supplement to: GBD 2019 Peripheral Artery Disease Collaborators. Global burden of peripheral artery disease and its risk factors, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet Glob Health 2023; 11: e1553-65.

# Supplementary Appendix Global burden of peripheral artery diseases and its risk factors, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019 

This appendix provides further methodological detail for "Global burden of peripheral artery diseases and its risk factors, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019".

Portions of this appendix methods $1-5$ have been reproduced or adapted from Roth et al., ${ }^{1}$ James et al., ${ }^{2}$ Kyu et al., ${ }^{3}$ Stanaway et al., ${ }^{4}$ and GBD 2019 capstone papers. References are provided for reproduced sections.

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Cause of death estimation for peripheral arterial disease
Flowchart


## Input Data and Methodological Summary

Vital registration data were used to model peripheral artery disease. We outliered all datapoints with less than 1 death in Egypt per expert review.

## Modelling strategy

We utilized the standard Cause of Death Ensemble Modeling (CODEm) approach to model deaths caused by peripheral artery disease. The covariates considered in the ensemble modeling process are enumerated in the table below. There have been no significant alterations made to the methodology utilized in GBD 2017. Further statistical details regarding CODEm can be found in a separate section of this appendix.

Table 1. Covariates used in peripheral artery disease mortality modeling.

| Level | Covariate | Direction |
| :---: | :--- | :---: |
| 1 | Summary exposure variable, PAD | 1 |
|  | Systolic blood pressure (mmHg) | 1 |
|  | Cholesterol (total, mean per capita) | 1 |
|  | Smoking prevalence | 1 |
| 2 | Mean body mass index (kg/m ${ }^{2}$ ) | -1 |
|  | Healthcare access and quality index | 1 |
|  | Diabetes fasting plasma glucose (mmol/L) | -1 |
|  | Lag distributed income per capita (I\$) | -1 |
|  | Socio-demographic Index | 1 |
|  | Summary exposure value, omega-3 | 1 |
|  | Summary exposure value, fruits | 1 |
|  | Summary exposure value, vegetables | 1 |
|  | Summary exposure value, nuts and seeds | 1 |
|  |  |  |

$\begin{array}{|l|l|}$\cline { 2 - 3 } \& Pulses/legumes (kcal/capita, unadjusted) <br> \cline { 2 - 3 } \& Summary exposure value, polyunsaturated fatty acids\end{array}$]-1$

## Non-fatal estimation for peripheral arterial disease

Flowchart


## Input Data and Methodological Summary

## Case definition

For GBD 2019, peripheral arterial disease was defined as having an ankle-brachial index (ABI) $\leq 0.9$. Intermittent claudication was defined clinically as leg pain on exertion among those with an ABI below that threshold.

Table 1: Reference and alternate definitions of peripheral arterial disease

| Quantity of interest | Reference or alternate | Definition |
| :--- | :--- | :--- |
| Prevalence of peripheral <br> arterial disease | Reference | Persons with an ankle brachial index (ABI) <br> $\leq 0.9$. ABI is the ratio of systolic blood <br> pressure measured at the ankle and the arm |
| Prevalence of peripheral <br> arterial disease | Alternate | Peripheral arterial disease as identified in <br> administrative claims, outpatient, or primary <br> care data |
| Proportion of patients <br> with peripheral arterial <br> disease and intermittent <br> claudication | Reference | Persons with an ankle brachial index (ABI) $\leq$ <br> 0.9 who report pain due to claudication |

Table 2: ICD codes for claims data included in GBD 2019 mapped to peripheral arterial disease

| ICD Code | ICD Cause name |
| :--- | :--- |
| $440.20,440.21,440.22$, | Atherosclerosis of native arteries of the extremities |
| $440.23,440.24,440.29$, |  |
| $440.4,440.8,440.9$ | Other peripheral vascular disease |
| $443.1,443.2,443.8,443.81$, |  |
| $443.82,443.89,443.9$ | Atherosclerosis of native arteries of the extremities |
| 170.2 | Unspecified atherosclerosis of native arteries of extremities |
|  |  |
| $170.20,170.201,170.202$, |  |
| $170.203,170.208,170.209$ |  |
| $170.21,170.211,170.212$, <br> $170.213,170.218,170.219$ | Atherosclerosis of native arteries of extremities with intermittent <br> claudication |
| $170.22,170.221,170.222$, |  |


| 170.223, I70.228, 170.229 | Atherosclerosis of native arteries of extremities with rest pain |
| :---: | :---: |
| I70.23, I70.231, I70.232, <br> I70.233, I70.234, I70.235, <br> 170.238, 170.239 | Atherosclerosis of native arteries of right leg with ulceration |
| 170.24, 170.241, 170.242, 170.243, I70.244, I70.245, 170.248, 170.249 |  |
| 170.25 | Atherosclerosis of native arteries of left leg with ulceration |
| $\begin{aligned} & 170.26,70.261,170.262, \\ & 170.263,170.268,170.269 \end{aligned}$ | Atherosclerosis of native arteries of other extremities with ulceration |
| 170.29, 170.291, 170.292, 170.293, 170.298, 170.299 | Atherosclerosis of native arteries of extremities with gangrene |
|  | Other atherosclerosis of native arteries of extremities |
| $\begin{aligned} & \text { I73, } 173.1,173.8,173.81 \text {, } \\ & 173.89,173.9 \end{aligned}$ | Other peripheral vascular diseases |

## Input data

Table 3 shows the source counts for peripheral arterial disease modeling. We did not perform a systematic review for GBD 2019. A systematic review was performed for peripheral arterial disease and intermittent claudication for GBD 2015. The search terms were: ('peripheral vascular disease'[TIAB] AND 'epidemiology'[Subheading]) OR ('peripheral arterial disease'[TIAB] AND 'epidemiology'[Subheading]) OR ('peripheral artery disease'[TIAB] AND 'epidemiology'[Subheading]) OR ('intermittent claudication'[TIAB] AND 'epidemiology'[Subheading]) OR ('ankle-brachial index'[TIAB] AND 'epidemiology'[Subheading]) OR ('ankle brachial index'[TIAB] AND 'epidemiology'[Subheading]) OR ('peripheral artery occlusive disease'[TIAB] AND 'epidemiology'[Subheading]) OR ('peripheral obliterative arteriopathy'[TIAB] AND 'epidemiology'[Subheading]) OR ('peripheral vascular disease'[TIAB] AND 'prevalence'[MeSH Terms]) OR ('peripheral vascular disease'[TIAB] AND 'incidence'[MeSH Terms]) OR ('peripheral vascular disease'[TIAB] AND 'case fatality'[All Fields]) OR ('symptomatic claudication'[TIAB] AND (proportion[All Fields] OR percent[All Fields]))

The search was conducted from $1 / 1 / 2013$ to $3 / 16 / 2015.1,658$ results were returned, of which six were extracted.

A systematic review was also performed for peripheral arterial disease and intermittent claudication for GBD 2013. Search terms can be provided upon request.

Table 4 presents a comprehensive list of the citations for the data sources incorporated in the non-fatal models utilized for modeling peripheral artery disease, as well as the proportion of cases with intermittent claudication.

Apart from the claims data from the United States, we did not include any non-literature-based data types. We did not use inpatient hospital data, as peripheral arterial disease is expected to be rare in inpatient data but common in outpatient data as it is a condition usually managed on an outpatient basis, except for specific surgical interventions. This discrepancy leads to implausible correction factors based on inpatient/outpatient information from claims data ( $\sim 150 X$ ); thus, adjusted data cannot be used. Including uncorrected data in the model is likely to lead to incorrect estimates as hospitalization and procedure rates are likely to vary between geographies based on access to and patterns of care.

Table 3: Source counts for peripheral arterial disease (all data sources including outliers)

| Measure | Total sources |
| :--- | :--- |
| All measures | 45 |
| Incidence | 0 |
| Prevalence | 37 |
| Proportion | 11 |
| Cause of death | 2591 |

Table 4. List of Data Sources for Non-Fatal Models of Peripheral Artery Disease

| nid | measure | citation | location |
| :--- | :--- | :--- | :--- |
| 336847 | prevalence | Truven Health Analytics. United States MarketScan Claims and <br> Medicare Data 2015. Ann Arbor, United States: Truven Health <br> Analytics. | United States of <br> America |
| 408680 | prevalence | Truven Health Analytics. United States MarketScan Claims and <br> Medicare Data 2016. Ann Arbor, United States: Truven Health <br> Analytics. | United States of <br> America |
| 217161 | prevalence | Wang Y, Xu Y, Li J, Wei Y, Zhao D, Hou L, Hasimu B, Yang J, Yuan H, Hu <br> D. Characteristics of prevalence in peripheral arterial disease and <br> correlative risk factors and comorbidities among female natural <br> population in China. VASA. 2010; 39(4): 305-11. | China |
| 120234 | prevalence | Eldrup N, Sillesen H, Prescott E, Nordestgaard BG. Ankle brachial <br> index, C-reactive protein, and central augmentation index to identify <br> individuals with severe atherosclerosis. Eur Heart J. 2006; 27(3): 316 - <br> 322. | Denmark |
| 140193 | prevalence | Ramos R, Quesada M, Solanas P, Subirana I, Sala J, Vila J, Masiá R, <br> Cerezo C, Elosua R, Grau M, Cordón F, Juvinyà D, Fitó M, Isabel Covas <br> M, Clarà A, Angel Muñoz M, Marrugat J, REGICOR Investigators. <br> Prevalence of symptomatic and asymptomatic peripheral arterial <br> disease and the value of the ankle-brachial index to stratify | Spain |


|  |  | cardiovascular risk. Eur J Vasc Endovasc Surg. 2009; 38(3): 305-11. |  |
| :---: | :---: | :---: | :---: |
| 137300 | prevalence | Carbayo JA, Divisón JA, Escribano J, López-Abril J, López de Coca E, Artigao LM, Martínez E, Sanchis C, Massó J, Carrión L, Grupo de Enfermedades Vasculares de Albacete (GEVA). Using ankle-brachial index to detect peripheral arterial disease: prevalence and associated risk factors in a random population sample. Nutr Metab Cardiovasc Dis. 2007; 17(1): 41-9. | Spain |
| 137300 | prevalence | Carbayo JA, Divisón JA, Escribano J, López-Abril J, López de Coca E, Artigao LM, Martínez E, Sanchis C, Massó J, Carrión L, Grupo de Enfermedades Vasculares de Albacete (GEVA). Using ankle-brachial index to detect peripheral arterial disease: prevalence and associated risk factors in a random population sample. Nutr Metab Cardiovasc Dis. 2007; 17(1): 41-9. | Spain |
| 49502 | prevalence | National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention (CDC). United States National Health and Nutrition Examination Survey 1976-1980. Hyattsville, United States: National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention (CDC). | United States of America |
| 49205 | prevalence | National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention (CDC). United States National Health and Nutrition Examination Survey 2001-2002. Hyattsville, United States: National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention (CDC). | United States of America |
| 47962 | prevalence | National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention (CDC). United States National Health and Nutrition Examination Survey 2003-2004. Hyattsville, United States: National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention (CDC). | United States of America |
| 322188 | prevalence | Urbano L, Portilla E, Munoz W, Hofman A, Sierra-Torres CH. <br> Prevalence and risk factors associated to peripheral arterial disease in an adult population from Colombia. Arch Cardiol Mex. 2017. | Colombia |
| 324267 | prevalence | Buitrón-Granados LV, Martínez-López C, Escobedo-de la Peña J. Prevalence of peripheral arterial disease and related risk factors in an urban Mexican population. Angiology. 2004; 55(1): 43-51. | Mexico |
| 140190 | prevalence | Sodhi HS, Shrestha SK, Rauniyar R, Rawat B. Prevalence of peripheral arterial disease by ankle-brachial index and its correlation with carotid intimal thickness and coronary risk factors in Nepalese population over the age of forty years. Kathmandu Univ Med J (KUMJ). 2007; 5(1): 12-5. | Nepal |
| 140187 | prevalence | Chuang S-Y, Chen C-H, Cheng C-M, Chou P. Combined use of brachialankle pulse wave velocity and ankle-brachial index for fast assessment of arteriosclerosis and atherosclerosis in a community. Int J Cardiol. 2005; 98(1): 99-105. | China |
| 120233 | prevalence | Murabito JM, Evans JC, Nieto K, Larson MG, Levy D, Wilson PWF. Prevalence and clinical correlates of peripheral arterial disease in the Framingham Offspring Study. Am Heart J. 2002; 143(6): 961-5. | United States of America |
| 140188 | prevalence | Kweon S-S, Shin M-H, Park K-S, Nam H-S, Jeong S-K, Ryu S-Y, Chung EK, Choi J-S. Distribution of the ankle-brachial index and associated cardiovascular risk factors in a population of middle-aged and elderly | Republic of Korea |


|  |  | koreans. J Korean Med Sci. 2005; 20(3): 373-8. |  |
| :---: | :---: | :---: | :---: |
| 140191 | prevalence | Kröger K, Stang A, Kondratieva J, Moebus S, Beck E, Schmermund A, Möhlenkamp S, Dragano N, Siegrist J, Jöckel K-H, Erbel R, Heinz Nixdorf Recall Study Group. Prevalence of peripheral arterial disease results of the Heinz Nixdorf recall study. Eur J Epidemiol. 2006; 21(4): 279-85. | Germany |
| 322227 | prevalence | Zheng Z-J, Sharrett AR, Chambless LE, Rosamond WD, Nieto FJ, Sheps DS, Dobs A, Evans GW, Heiss G. Associations of ankle-brachial index with clinical coronary heart disease, stroke and preclinical carotid and popliteal atherosclerosis:: the Atherosclerosis Risk in Communities (ARIC) Study. Atherosclerosis. 1997; 131(1): 115-25. | United States of America |
| 336203 | prevalence | Ministry of Health and Welfare (Taiwan). Taiwan National Health Insurance Claims Data 2016. | Taiwan (Province of China) |
| 244370 | prevalence | Truven Health Analytics. United States MarketScan Claims and Medicare Data - 2010. Ann Arbor, United States: Truven Health Analytics. | United States of America |
| 336850 | prevalence | Truven Health Analytics. United States MarketScan Claims and Medicare Data 2011. Ann Arbor, United States: Truven Health Analytics. | United States of America |
| 244371 | prevalence | Truven Health Analytics. United States MarketScan Claims and Medicare Data - 2012. Ann Arbor, United States: Truven Health Analytics. | United States of America |
| 336849 | prevalence | Truven Health Analytics. United States MarketScan Claims and Medicare Data 2013. Ann Arbor, United States: Truven Health Analytics. | United States of America |
| 336848 | prevalence | Truven Health Analytics. United States MarketScan Claims and Medicare Data 2014. Ann Arbor, United States: Truven Health Analytics. | United States of America |
| 295762 | prevalence | Meijer WT, Hoes AW, Rutgers D, Bots ML, Hofman A, Grobbee DE. Peripheral arterial disease in the elderly: The Rotterdam Study. Arterioscler Thromb Vasc Biol. 1998; 18(2): 185-92. | The Netherlands |
| 322206 | prevalence | Blanes JI, Cairols MA, Marrugat J, ESTIME. Prevalence of peripheral artery disease and its associated risk factors in Spain: The ESTIME Study. Int Angiol. 2009; 28(1): 20-5. | Spain |
| 119831 | prevalence | Norman PE, Flicker L, Almeida OP, Hankey GJ, Hyde Z, Jamrozik K. Cohort Profile: The Health In Men Study (HIMS). Int J Epidemiol. 2009; 38(1): 48-52. | Australia |
| 295757 | prevalence | Diehm C, Schuster A, Allenberg JR, Darius H, Haberl R, Lange S, Pittrow D, von Stritzky B, Tepohl G, Trampisch H-J. High prevalence of peripheral arterial disease and co-morbidity in 6880 primary care patients: cross-sectional study. Atherosclerosis. 2004; 172(1): 95-105. | United States of America |
| 229971 | prevalence | Newman AB, Shemanski L, Manolio TA, Cushman M, Mittelmark M, Polak JF, Powe NR, Siscovick D. Ankle-arm index as a predictor of cardiovascular disease and mortality in the Cardiovascular Health Study. The Cardiovascular Health Study Group. Arterioscler Thromb Vasc Biol. 1999; 19(3): 538-45. | United States of America |
| 140179 | prevalence | Guerchet M, Aboyans V, Mbelesso P, Mouanga AM, Salazar J, Bandzouzi B, Tabo A, Clément JP, Preux PM, Lacroix P. Epidemiology of Peripheral Artery Disease in Elder General Population of Two Cities | Central African Republic and Congo |


|  |  | of Central Africa: Bangui and Brazzaville. Eur J Vasc Endovasc Surg. 2012; 44(2): 164-9. |  |
| :---: | :---: | :---: | :---: |
| 140192 | prevalence | Wong SYS, Kwok T, Woo J, Lynn H, Griffith JF, Leung J, Tang YYN, Leung PC. Bone mineral density and the risk of peripheral arterial disease in men and women: results from Mr. and Ms Os, Hong Kong. Osteoporos Int. 2005; 16(12): 1933-8. | Hong Kong Special Administrative Region of China |
| 217151 | proportion | Félix-Redondo FJ, Fernández-Bergés D, Grau M, Baena-Diez JM, Mostaza JM, Vila J. Prevalence and Clinical Characteristics of Peripheral Arterial Disease in the Study Population Hermex. Rev Esp Cardiol (Engl Ed). 2012; 65(8): 726-33. | Spain |
| 115580 | proportion | Alzamora MT, Forés R, Baena-Díez JM, Pera G, Toran P, Sorribes M, Vicheto M, Reina MD, Sancho A, Albaladejo C, Llussà J, PERART/ARTPER study group. The peripheral arterial disease study (PERART/ARTPER): prevalence and risk factors in the general population. BMC Public Health. 2010; 10: 38. | Spain |
| 115581 | proportion | Merino J, Planas A, Elosua R, de Moner A, Gasol A, Contreras C, VidalBarraquer F, Clarà A. Incidence and risk factors of peripheral arterial occlusive disease in a prospective cohort of 700 adult elderly men followed for 5 years. World J Surg. 2010; 34(8): 1975-9. | Spain |
| 120235 | proportion | Murabito JM, Evans JC, Larson MG, Nieto K, Levy D, Wilson PWF. The Ankle-Brachial Index in the Elderly and Risk of Stroke, Coronary Disease, and Death: The Framingham Study. Arch Intern Med. 2003; 163(16): 1939-42. | United States of America |
| 120236 | proportion | Ostchega Y, Paulose-Ram R, Dillon CF, Gu Q, Hughes JP. Prevalence of peripheral arterial disease and risk factors in persons aged 60 and older: data from the National Health and Nutrition Examination Survey 1999-2004. J Am Geriatr Soc. 2007; 55(4): 583-9. | United States of America |
| 120233 | proportion | Murabito JM, Evans JC, Nieto K, Larson MG, Levy D, Wilson PWF. Prevalence and clinical correlates of peripheral arterial disease in the Framingham Offspring Study. Am Heart J. 2002; 143(6): 961-5. | Massachusetts |
| 120239 | proportion | He Y, Jiang Y, Wang J, Fan L, Li X, Hu FB. Prevalence of peripheral arterial disease and its association with smoking in a population-based study in Beijing, China. J Vasc Surg. 2006; 44(2): 333-8. | China |
| 120243 | proportion | Sigvant B, Wiberg-Hedman K, Bergqvist D, Rolandsson O, Andersson B, Persson E, Wahlberg E. A population-based study of peripheral arterial disease prevalence with special focus on critical limb ischemia and sex differences. J Vasc Surg. 2007; 45(6): 1185-91. | Sweden |
| 129401 | proportion | National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention (CDC). United States National Health and Nutrition Examination Survey 1999-2004. Hyattsville, United States: National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention (CDC). | United States of America |
| 120233 | proportion | Murabito JM, Evans JC, Nieto K, Larson MG, Levy D, Wilson PWF. Prevalence and clinical correlates of peripheral arterial disease in the Framingham Offspring Study. Am Heart J. 2002; 143(6): 961-5. | United States of America |

Data sources for cause of death can be found in https://ghdx.healthdata.org/gbd-2019/data-input-sources

For GBD 2019 we adjusted prevalence data from claims using the MR-BRT data adjustment procedure described elsewhere the appendix. Our reference data was from literature in which the prevalence of PAD was based on directly measured ABI values. The coefficients in Table 5 below can be used to calculate adjustment factors for alternative definitions. The formula for computing adjustment factors for prevalence is given in equation 1 below. We also included a standardized age variable (age scaled) and a sex variable to the crosswalking procedure to adjust for the possibly of bias. Proportion data was not adjusted.

## Equation 1: Calculation of adjustment factors:

Estimated Reference Def $=$ invlogit(logit(Alternative Def) - Beta $_{\text {Alternative Def }}-$ Beta $_{\text {Sex }} * \operatorname{Sex}-$ Beta $_{\text {Agescaled }} *$ Age Scaled $)$
Table 5: MR-BRT Crosswalk Adjustment Factors for Peripheral Arterial Disease

| Data input | Measure | Reference or alternative <br> case definition | Gamma | Beta Coefficient,Logit <br> $(95 \% ~ U I) *$ | Adjustment factor** |
| :--- | :--- | :---: | :---: | :---: | :---: |
| Measured ABI less <br> than or equal to 0.90 | Prevalence | Ref |  |  | --- |

*MR-BRT crosswalk adjustments can be interpreted as the factor the alternative case definition is adjusted by to reflect what it would have been had it been measured using the reference case definition. If the log/logit beta coefficient is negative, then the alternative is adjusted up to the reference. If the log/logit beta coefficient is positive, then the alternative is adjusted down to the reference.
**The adjustment factor column is the exponentiated beta coefficient. For log beta coefficients, this is the relative rate between the two case definitions. For logit beta coefficients, this is the relative odds between the two case definitions.

Severity splits and disability weights
We used the proportion of intermittent claudication to split the overall prevalence of peripheral arterial disease into symptomatic and asymptomatic peripheral vascular disease. The table below illustrates these values:

Table 6: Severity distribution, details on the severity levels for Peripheral Arterial Disease and the associated disability weight (DW) with that severity.

| Severity level | Lay description | DW (95\% CI) |
| :--- | :--- | :---: |
| Asymptomatic | No symptoms | No DW assigned |
| Symptomatic | Has cramping pains in the legs after walking a medium <br> distance. The pain goes away after a short rest. | 0.014 (0.007-0.025) |

## Modelling strategy

Prevalence of peripheral arterial disease
For GBD 2019, we used DisMod MR 2.1 to model the overall prevalence of peripheral arterial disease using prevalence dat a from literature studies and and crosswalked claims data. Further statistical details regarding DisMod MR 2.1 can be foun $d$ in a separate section of this appendix.

We included the log-transformed, age-standardized SEV scalar for PAD and log-transformed LDI as fixed-effect, countrylevel covariates. We set value priors of 0 for incidence from ages 0 to 30 . We also set a value prior of 0 for remission for
all ages. Additionally, we set a value prior of 0 for excess mortality in between ages 0 and 30 as well as a value prior between 0 and 0.05 for excess mortality in between ages 30 and 100 .

The table below illustrate the beta values and exponentiated beta values for the covariates chosen for the overall peripheral vascular disease model.

Table 7: Summary of covariates used in the Peripheral Arterial Disease DisMod-MR meta-regression model

| Covariate | Parameter | Beta | Exponentiated beta |
| :--- | :--- | :---: | :---: |
| Log-transformed age- <br> standardised SEV scalar: PAD | Prevalence | 1.24 (1.22 to 1.25) | 3.46 (3.39 to 3.49) |
| LDI (I\$ per capita) | Excess mortality rate | -0.3 (-0.5 to -0.1) | 0.74 (0.61 to 0.90) |

## Proportion of peripheral arterial disease with intermittent claudication

We used DisMod MR to model the proportion of peripheral vascular disease with intermittent claudication. We set a value prior of 0 for proportion for ages 0 to 40 . We included the Health Access and Quality Index score as a country-level covariate for excess mortality.

The table below illustrate the study covariates, parameters, beta, and exponentiated beta values for the proportion model for intermittent claudication.

Table 8: Summary of covariates used in the Intermittent Claudication DisMod-MR meta-regression model

| Covariate | Parameter | Beta | Exponentiated beta |
| :--- | :--- | :---: | :---: |
| Healthcare Access and Quality index | Proportion | $-.0064(-.014$ to -.00066$)$ | 0.99 (.99 to 1.00) |

Estimation of asymptomatic and symptomatic sequelae
To obtain final estimates for the sequelae of interest, we multiplied the prevalence model by the proportion model at the draw level to generate the prevalence of symptomatic and asymptomatic peripheral vascular disease.

Models were evaluated based on expert review, comparisons with estimates from prior rounds of GBD, and assessing model fit.

There have been no substantive changes from GBD 2017 in terms of modelling strategy for peripheral arterial disease.

Analyses were completed with Python version 3.6.2, Stata version 13, and $R$ version 3.5.0. Statistical code used for GBD estimation is publicly available online (https://ghdx.healthdata.org/gbd-2019/code).

## Attributable burden estimation for peripheral arterial disease

## Lead exposure

## Flowchart

Lead Exposure


## Definitions

Exposure to lead is defined in two different ways according to the currently known pathways of attributable health loss. Acute lead exposure, measured as micrograms of lead per deciliter of blood ( $\mu \mathrm{g} / \mathrm{dL}$ ), is associated with IQ loss in children. Chronic lead exposure, measured as micrograms of lead per gram of bone ( $\mu \mathrm{g} / \mathrm{g}$ ), is associated with increased systolic blood pressure and cardiovascular diseases.

## Input data

The input data for lead exposure is primarily extracted from literature reports of blood lead levels, in addition to a few blood lead surveys. Blood lead values are derived from studies that take blood samples and analyse them using various techniques to determine the level of lead present. Our literature review, which was last updated in GBD 2017, resulted in 3183 usable datapoints from 554 different studies, which span the years 1970 to 2017. The second pathway of burden, bone lead exposure, was estimated by calculating a cumulative blood lead index for cohorts using estimated blood lead exposure over their lifetime. The cumulative blood lead index is then used to estimate bone lead using a scalar defined in literature. ${ }^{1}$ Table 1 provides a summary of the exposure input data used.

Table 1: Data inputs for exposure

| Input data | Exposure |
| :--- | :---: |
| Source count (total) | 552 |

## Data processing

In GBD 2019, we used MR-BRT to crosswalk our data. Blood lead exposure data are reported in the literature as either an arithmetic mean, a geometric mean, or a median. To standardise the data, we adjusted all values reported as a geometric mean or median to reflect what they would have been had the study reported the arithmetic mean.
Additionally, the data come from locations of varying urbanicity (proportion of individuals in a given location living in an urban area). Because we expected the urbanicity of a location to affect our estimates, we adjusted our data so that they were equivalent to the average urbanicity of the country from which the data were collected. Tables 2 and 3 show the MR-BRT crosswalk adjustment factors.

Table 2: MR-BRT crosswalk adjustment factors for lead exposure (mean)

| Reference or <br> alternative case <br> definition | Gamma | Beta coefficient, log <br> (95\% CI) | Adjustment factor* |
| :--- | :--- | :--- | :--- |
| Reference (data <br> reported as <br> arithmetic mean) | 0.25 | --- | --- |
| Alternative (data <br> reported as <br> geometric mean) |  | $-0.178(-0.667$ to 0.311$)$ | 0.837 (0.513 to 1.365) |
|  |  | $-0.157(-0.646$ to 0.333$)$ | $0.855(0.524$ to 1.395) |
| Alternative (data <br> reported as <br> median) |  |  |  |

Table 3: MR-BRT crosswalk adjustment factors for lead exposure (urbanicity)

| Reference or <br> alternative case <br> definition | Gamma | Beta coefficient, log <br> (95\% CI) | Adjustment factor* |
| :--- | :--- | :--- | :--- |
| Reference (study <br> urbanicity equals <br> national average <br> urbanicity) | 0.32 | --- | --- |
| Alternative (study <br> urbanicity does not <br> equal national <br> average urbanicity) |  | $0.222(-0.411$ to 0.855$)$ | 1.248 (0.663 to 2.351) |
|  |  |  |  |

*Adjustment factor is the transformed beta coefficient in normal space and can be interpreted as the factor by which the alternative case definition is adjusted to reflect what it would have been if measured as the reference.

As an example of how the crosswalking works, a datapoint of 4.85 reported as a geometric mean was multiplied by the adjustment factor of 0.837 to get an estimated arithmetic mean of 4.06 . The estimated arithmetic mean value was then used as the final datapoint in our modelling process.

## Exposure modelling

The methodology to estimate lead exposure last underwent significant change in GBD 2013. Global exposure had been previously modelled using age-integrating Bayesian hierarchal modelling (DisMod-MR). The modelling process was updated for GBD 2013 by shifting to a spatiotemporal Gaussian process regression methodology (ST-GPR). This allowed for estimates of all country-age-sex-year groups for single years instead of five-year periods. This approach improved the granularity of estimates for bone lead, which requires back-estimation of previous blood lead to calculate a cumulative blood lead index.

For GBD 2019, the spatiotemporal Gaussian process regression modelling methodology was updated as detailed in the appendix specific to this analytical technique, which is common to a variety of risk factors. In order to predict blood lead in country-years with insufficient data, covariates that have been produced across time and space relevant to this analysis were used. For blood lead exposure, the covariates determined to have predictive ability were the Sociodemographic Index (SDI), urbanicity, the combined number of two- and four-wheeled vehicles per capita, and a covariate indicating whether leaded gasoline had been phased out in a given country-year (smoothed over the first five years of phase-out to reflect its gradual implementation). ST-GPR was used to produce estimates of mean and standard deviation of blood lead for all age groups, for both sexes, and for all GBD locations from 1970 to 2019. The linear regression equation is shown below.

$$
\begin{aligned}
& \log (\text { data }) \sim \text { sdi }+ \text { urbanicity }+(\text { leaded gas outphase } * \text { vehicles per capita })+(1 \mid \text { level_1 }) \\
& \text { SDI = Socio-demographic Index } \\
& \text { Urbanicity = proportion of population living in urban areas } \\
& \text { Leaded gas outphase = whether or not a country has banned use of leaded gasoline } \\
& \text { Vehicles per capita = number of 2-and } 4 \text {-wheeled vehicles per capita } \\
& \text { (1/level_1) = super-region-level random effects }
\end{aligned}
$$

In earlier iterations of GBD, the distribution of lead exposure was assumed to be log-normal. Since GBD 2016, ensemble modelling techniques were used to find an optimal global distribution by fitting a variety of distributions to the available blood lead microdata. This was a common update for all continuous risk factors. The ST-GPR mean and standard deviation estimates for blood lead were used with the global distribution shape to determine distributions for blood lead exposure. The distribution ultimately included 11 different probability distributions: exponential, gamma, inversegamma, mirrored gamma, log-logistic, Gumbel, mirrored Gumbel, Weibull, log-normal, normal, and beta. A little over $80 \%$ of the final distribution was log-logistic (35\%), inverse-gamma (18\%), log-normal (16\%), or mirrored Gumbel (12\%), with the seven other distributions comprising the remaining $20 \%$.

To calculate blood lead over the lifetime of a given cohort, blood lead was assumed to grow linearly from $2.0 \mu \mathrm{~g} / \mathrm{dL}$ in 1920 (see section Theoretical minimum-risk exposure level) to the value for that cohort in 1970. Using the exposure distributions of blood lead over time and space, cohorts were constructed such that lifetime blood lead could be expressed as a curve over each year of life. The area under this curve was the cumulative blood lead index, which was used to estimate bone lead in a given year with the aforementioned scalar.

## Estimating attributable burden

## Assessment of risk-outcome pairs

We included outcomes based on the strength of available evidence supporting a causal relationship. Blood lead level (a measure of acute lead exposure) is paired with idiopathic developmental intellectual disability as modelled through the impact of blood lead levels on IQ in children. Bone lead level (a measure of chronic lead exposure) is paired with systolic blood pressure, and subsequently to all cardiovascular outcomes to which systolic blood pressure is paired, which include the following: rheumatic heart disease, ischaemic heart disease, ischaemic stroke, intracerebral haemorrhage,
hypertensive heart disease, other cardiomyopathy, atrial fibrillation and flutter, aortic aneurysm, peripheral artery disease, endocarditis, other cardiovascular and circulatory diseases, chronic kidney disease due to hypertension, chronic kidney disease due to glomerulonephritis, and chronic kidney disease due to other and unspecified causes.

## Theoretical minimum-risk exposure level

In previous iterations of GBD, the TMREL was estimated at $2.0 \mu \mathrm{~g} / \mathrm{dL}$. This level was based upon ambient sources of lead that would be impossible to eliminate ${ }^{2}$ and a review of the literature indicating no consistent statistically significant estimates of increased relative risks at lower levels of blood lead. We have continued to use a TMREL of $2.0 \mu \mathrm{~g} / \mathrm{dL}$ for GBD 2019. While the majority of global exposure is estimated to be well above this level, average blood lead exposures in a number of countries have fallen below $2.0 \mu \mathrm{~g} / \mathrm{dL}$ in recent years (including, for example, the United States, where the average adult BLL was $1.2 \mu \mathrm{~g} / \mathrm{dL}$ in 2009-2010). ${ }^{3}$ This is consistent with estimates of pre-industrial blood lead in humans, which are as low as $0.018 \mu \mathrm{~g} / \mathrm{dL} .{ }^{4}$ This suggests that the TMREL ought to be lowered, and this change will be evaluated for the GBD 2020 cycle.

## Relative risks

Because the relative risk of IQ loss from lead exposure is specific to children, in previous iterations of GBD, no burden of lead via IQ loss was estimated in the population aged 15 and above. To better account for the continued burden of past lead exposure on IQ in older age groups, since GBD 2016 we have constructed cohorts from the entire population. Estimates of a cohort's lead exposure in early childhood (at 24 months of age) were used to determine past IQ loss, and thus calculate burden via the impact on concurrent IQ in the older population.

Blood lead relative risks were previously taken from a 2005 pooled analysis that was first incorporated in GBD 2010. ${ }^{5}$ Those relative risks were then updated for GBD 2017 using a 2013 re-analysis of the findings of that 2005 paper, providing slightly adjusted relative risk estimates specific to exposure at 24 months of age. ${ }^{6}$ The bone lead relative risks were taken from a 2008 meta-analysis that showed a 0.26 mmHg increase in systolic blood pressure (SBP) per $10 \mu \mathrm{~g} / \mathrm{g}$ increase in bone lead ( $95 \% \mathrm{Cl}: 0.02$ to 0.50 ). ${ }^{7}$ Table 4 shows a summary of this information. Because bone lead is associated with increases in SBP, all of the health burden attributable to exposure to bone lead is mediated through SBP. As such, the relative risks for bone lead exposure are all the same as the relative risks that SBP has for its outcomes. Table 5 shows the relative risks for exposure to blood lead, and Table 6 shows a snapshot of the relative risks for bone lead (a full table can be found in Appendix Table 4a).

Table 4: Data inputs for relative risks

| Input data | Relative risk |
| :--- | :--- |
| Source count (total) | 2 |

Table 5: Relative risks for exposure to blood lead

| Exposure level | IQ shift |
| :---: | :---: |
| $2 \mu \mathrm{~g} / \mathrm{dL}$ | $0.0(0.0$ to 0.0$)$ |
| $4 \mu \mathrm{~g} / \mathrm{dL}$ | $3.146(1.154$ to 5.139$)$ |
| $6 \mu \mathrm{~g} / \mathrm{dL}$ | $3.804(1.395$ to 6.213$)$ |
| $8 \mu \mathrm{~g} / \mathrm{dL}$ | $4.296(1.575$ to 7.016$)$ |
| $10 \mu \mathrm{~g} / \mathrm{dL}$ | $4.688(1.719$ to 7.656$)$ |


| $12 \mu \mathrm{~g} / \mathrm{dL}$ | $5.014(1.839$ to 8.19$)$ |
| :---: | :---: |
| $15 \mu \mathrm{~g} / \mathrm{dL}$ | $5.42(1.988$ to 8.853$)$ |
| $20 \mu \mathrm{~g} / \mathrm{dL}$ | $5.952(2.183$ to 9.721$)$ |
| $25 \mu \mathrm{~g} / \mathrm{dL}$ | $6.37(2.336$ to 10.403$)$ |
| $30 \mu \mathrm{~g} / \mathrm{dL}$ | $6.713(2.462$ to 10.965$)$ |
| $35 \mu \mathrm{~g} / \mathrm{dL}$ | $7.006(2.569$ to 11.442$)$ |
| $40 \mu \mathrm{~g} / \mathrm{dL}$ | $7.26(2.662$ to 11.857$)$ |

Table 6: Relative risks for exposure to bone lead (snapshot)

| Exposure level | Outcome | 25-29 years | 60-64 years | 95+ years |
| :---: | :---: | :---: | :---: | :---: |
| $10 \mu \mathrm{~g} / \mathrm{g}$ | Ischaemic heart disease | 1.042 (1.022 to 1.06) | 1.021 (1.018 to 1.025) | 1.014 (1.008 to 1.022) |
| $10 \mu \mathrm{~g} / \mathrm{g}$ | Ischaemic stroke | 1.038 (1.021 to 1.06) | 1.021 (1.016 to 1.026) | 1.011 (1.006 to 1.019) |
| $10 \mu \mathrm{~g} / \mathrm{g}$ | Haemorrhagic stroke | 1.047 (1.021 to 1.068) | 1.024 (1.018 to 1.03) | 1.015 (1.007 to 1.026) |
| $10 \mu \mathrm{~g} / \mathrm{g}$ | Hypertensive heart disease | 1.066 (1.038 to 1.09) | 1.04 (1.023 to 1.073) | 1.033 (1.006 to 1.075) |
| $10 \mu \mathrm{~g} / \mathrm{g}$ | Non-rheumatic calcific aortic valve disease | 1.035 (1.015 to 1.055) | 1.014 (1.01 to 1.016) | 1.007 (1.004 to 1.013) |
| $10 \mu \mathrm{~g} / \mathrm{g}$ | Atrial fibrillation and flutter | 1.035 (1.018 to 1.056) | 1.016 (1.014 to 1.018) | 1.008 (1.005 to 1.01) |
| $10 \mu \mathrm{~g} / \mathrm{g}$ | Aortic aneurysm | 1.027 (1.014 to 1.048) | 1.014 (1.011 to 1.016) | 1.007 (1.004 to 1.01) |
| $10 \mu \mathrm{~g} / \mathrm{g}$ | Peripheral vascular disease | 1.034 (1.011 to 1.056) | 1.009 (1.006 to 1.011) | 1.006 (1.003 to 1.009) |
| $10 \mu \mathrm{~g} / \mathrm{g}$ | Endocarditis | 1.035 (1.015 to 1.055) | 1.014 (1.01 to 1.016) | 1.007 (1.004 to 1.013) |

## Population attributable fraction

We used the standard GBD population attributable fraction (PAF) equation to calculate PAFs for bone lead exposure and each of its paired outcomes using exposure estimates and relative risks. We used a similar approach for estimating PAFs for the burden of intellectual disability attributable to blood lead, which uses the estimated distribution of intellectual disability and the modeled shifts in IQ due to blood lead levels to determine the PAF.

## References

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## Smoking

## Flowchart



Input data and methodological summary

## Definition

## Exposure

As in GBD 2017, we estimated the prevalence of current smoking and the prevalence of former smoking using data from cross-sectional nationally representative household surveys. We defined current smokers as individuals who currently use any smoked tobacco product on a daily or occasional basis. We defined former smokers as individuals who quit
using all smoked tobacco products for at least six months, where possible, or according to the definition used by the survey.

## Input data

Our extraction method has not changed from GBD 2017. We extracted primary data from individual-level microdata and survey report tabulations. We extracted data on current, former, and/or ever smoked tobacco use reported as any combination of frequency of use (daily, occasional, and unspecified, which includes both daily and occasional smokers) and type of smoked tobacco used (all smoked tobacco, cigarettes, hookah, and other smoked tobacco products such as cigars or pipes), resulting in 36 possible combinations. Other variants of tobacco products, for example hand-rolled cigarettes, were grouped into the four type categories listed above based on product similarities.

For microdata, we extracted relevant demographic information, including age, sex, location, and year, as well as survey metadata, including survey weights, primary sampling units, and strata. This information allowed us to tabulate individual-level data in the standard GBD five-year age-sex groups and produce accurate estimates of uncertainty. For survey report tabulations, we extracted data at the most granular age-sex group provided.

Table 1: Data inputs for exposure for smoking.

| Input data | Exposure |
| :--- | :--- |
| Source count (total) | 3439 |
| Number of countries with data | 201 |

Table 2: Data inputs for relative risks for smoking.

| Input data | Relative risk |
| :--- | :--- |
| Source count (total) | 673 |
| Number of countries with data | 16 |

## Crosswalk

Our GBD smoking case definitions were current smoking of any tobacco product and former smoking of any tobacco product. All other data points were adjusted to be consistent with either of these definitions. Some sources contained information on more than one case definition and these sources were used to develop the adjustment coefficient to transform alternative case definitions to the GBD case definition. The adjustment coefficient was the beta value derived from a linear model with one predictor and no intercept. We used the same crosswalk adjustment coefficients as in GBD 2017, and thus we have not included a methods explanation in this appendix, as it has been detailed previously.

## Age and sex splitting

As in GBD 2017, we split data reported in broader age groups than the GBD 5-year age groups or as both sexes combined by adapting the method reported in $\mathrm{Ng}^{\text {et } \mathrm{al}^{1}}$ to split using a sex- geography- time-specific reference age pattern. We separated the data into two sets: a training dataset, with data already falling into GBD sex-specific 5-year age groups, and a split dataset, which reported data in aggregated age or sex groups. We then used spatiotemporal Gaussian process regression (ST-GPR) to estimate sex-geography-time-specific age patterns using data in the training dataset. The estimated age patterns were used to split each source in the split dataset.

The ST-GPR model used to estimate the age patterns for age-sex splitting used an age weight parameter value that minimises the effect of any age smoothing. This parameter choice allowed the estimated age pattern to be driven by data, rather than being enforced by any smoothing parameters of the model. Because these age-sex split data points were to be incorporated in the final ST-GPR exposure model, we did not want to doubly enforce a modelled age pattern for a given sex-location-year on a given aggregate data point.

## Modelling strategy

## Smoking prevalence modelling

We used ST-GPR to model current and former smoking prevalence. The model is nearly identical to that in GBD 2017. Full details on the ST-GPR method are reported elsewhere in the appendix. Briefly, the mean function input to GPR is a complete time series of estimates generated from a mixed effects hierarchical linear model plus weighted residuals smoothed across time, space, and age. The linear model formula for current smoking, fit separately by sex using restricted maximum likelihood in R , is:

$$
\operatorname{logit}\left(p_{g, a, t}\right)=\beta_{0}+\beta_{1} C P C_{g, t}+\sum_{k=2}^{19} \beta_{k} I_{A[a]}+\alpha_{s}+\alpha_{r}+\alpha_{g}+\epsilon_{g, a, t}
$$

Where $C P C_{g, t}$ is the tobacco consumption covariate by geography $g$ and time $t$, described above, $I_{A[a]}$ is a dummy variable indicating specific age group $A$ that the prevalence point $p_{g, a, t}$ captures, and $\alpha_{s}, \alpha_{r}$, and $\alpha_{g}$ are super-region, region, and geography random intercepts, respectively. Random effects were used in model fitting but not in prediction.

The linear model formula for former smoking is:

$$
\operatorname{logit}\left(p_{g, a, t}\right)=\beta_{0}+\beta_{1} \text { PctChange }_{A[a], g, t}+\beta_{3} \operatorname{CSP}_{A[a], g, t}+\sum_{k=3}^{20} \beta_{k} I_{A[a]}+\alpha_{s}+\alpha_{r}+\alpha_{g}+\epsilon_{g, a, t}
$$

Where PctChange $_{A[a], g, t}$ is the percentage change in current smoking prevalence from the previous year, and $C S P_{A[a], g, t}$ is the current smoking prevalence by specific age group $A$, geography $g$, and time $t$ that point $p_{g, a, t}$ captures, both derived from the current smoking ST-GPR model defined above.

## Supply-side estimation

The methods for modelling supply-side-level data were changed substantially from those used in GBD 2017. The raw data were domestic supply (USDA Global Surveillance Database and UN FAO) and retail supply (Euromonitor) of tobacco. Domestic supply was calculated as production + imports - exports. The data went through three rounds of outliering. First, they were age-sex split using daily smoking prevalence to generate number of cigarettes per smoker per day for a given location-age-sex-year. If more than 12 points for a particular source-location-year (equal to over $1 / 3$ of the split points) were above the given thresholds, that source-location-year was outliered. A point would not be outliered if it was (in cigarettes per smoker): under five (10-14 year olds); under 20 (males, $15-19$ year olds); under 18 (females, 1519 year olds); under $38 / 35$ and over three (males/females, $20+$ year olds). These thresholds were chosen by visualising histograms of the data for each age-sex, as well as with expert knowledge about reasonable consumption levels. In the second round of outliering, the mean tobacco per capita value over a 10 -year window was calculated. If a point was over $70 \%$ of that mean value away from the mean value, it was outliered. The $70 \%$ limit was chosen using histograms of these distances. Additionally, some manual outliering was performed to account for edge cases. Finally, data smoothing was performed by taking a three-year rolling mean over each location-year.

Next, a simple imputation to fill in missing years was performed for all series to remove compositional bias from our
final estimates. Since the data from our main sources covered different time periods, by imputing a complete time series for each data series, we reduced the probability that compositional bias of the sources was leading to biased final estimates. To impute the missing years for each series, we modelled the log ratio of each pair of sources as a function of an intercept and nested random effects on super-region, region, and location. The appropriate predicted ratio was multiplied by each source that we did have, and then the predictions were averaged to get the final imputed value. For example, if source $A$ was missing for a particular location-year, but sources $B$ and $C$ were present, then we predicted $A$ twice: once from the modelled ratio of $A$ to $B$, and again from the modelled ratio of $A$ to $C$. These two predictions were then averaged. For some locations where there was limited overlap between series, the predicted ratio did not make sense, and a regional ratio was used.

Finally, variance was calculated both across series (within a location-year) as well as across years (within a locationsource). Additionally, if a location-year had one imputed point was, the variance was multiplied by 2 . If a location-year had two imputed points, the variance was multiplied by 4 . The average estimates in each location-year were the input to an ST-GPR model. For this, we used a simple mixed effects model, which was modelled in log space with nested location random effects. Subnational estimates were then further modelled by splitting the country-level estimates using current smoking prevalence.

## Theoretical minimum-risk exposure level

The theoretical minimum-risk exposure level is 0 .

## Exposure among current and former smokers

Identical to GBD 2017, we estimated exposure among current smokers for two continuous indicators: cigarettes per smoker per day and pack-years. Pack-years incorporates aspects of both duration and amount. One pack-year represents the equivalent of smoking one pack of cigarettes (assuming a 20-cigarette pack) per day for one year. Since the pack-years indicator collapses duration and intensity into a single dimension, one pack-year of exposure can reflect smoking 40 cigarettes per day for six months or smoking 10 cigarettes per day for two years.

To produce these indicators, we simulated individual smoking histories based on distributions of age of initiation and amount smoked. We informed the simulation with cross-sectional survey data capturing these indicators, modelled at the mean level for all locations, years, ages, and sexes using ST-GPR. We rescaled estimates of cigarettes per smoker per day to an envelope of cigarette consumption based on supply-side data. We estimated pack-years of exposure by summing samples from age- and time-specific distributions of cigarettes per smoker for a birth cohort in order to capture both age trends and time trends and avoid the common assumption that the amount someone currently smokes is the amount they have smoked since they began smoking. All distributions were age-, sex-, and region- specific ensemble distributions, which were found to outperform any single distribution.

We estimated exposure among former smokers using years since cessation. We utilised ST-GPR to model mean age of cessation using cross-sectional survey data capturing age of cessation. Using these estimates, we generated ensemble distributions of years since cessation for every location, year, age group, and sex.

## Relative risk

The same risk-outcome pairs from GBD 2017 were used: tuberculosis, lower respiratory tract infections, oesophageal cancer, stomach cancer, bladder cancer, liver cancer, laryngeal cancer, lung cancer, breast cancer, cervical cancer, colorectal cancer, lip and oral cancer, nasopharyngeal cancer, other pharyngeal cancer, pancreatic cancer, kidney cancer, leukaemia, ischaemic heart disease, ischaemic stroke, haemorrhagic stroke, subarachnoid haemorrhage, atrial fibrillation and flutter, aortic aneurysm, peripheral arterial disease, chronic obstructive pulmonary disease, other chronic respiratory diseases, asthma, peptic ulcer disease, gallbladder and biliary tract diseases, Alzheimer disease and other dementias, Parkinson disease (protective), multiple sclerosis, type-II diabetes, rheumatoid arthritis, low back pain, cataracts, macular degeneration, and fracture.

## Dose-response risk curves

Input data for relative risks were nearly the same as in GBD 2017. The only addition was for chronic obstructive pulmonary disease, for which a few additional studies were included. We synthesised effect sizes by cigarettes per smoker per day, pack-years, and years since quitting from cohort and case-control studies to produce nonlinear doseresponse curves using a Bayesian meta-regression model. For outcomes with significant differences in effect size by sex or age, we produced sex- or age-specific risk curves.

We estimated risk curves of former smokers compared to never smokers taking into account the rate of risk reduction among former smokers seen in the cohort and case-control studies, and the cumulative exposure among former smokers within each age, sex, location, and year group.

Population attributable fraction (PAF)
As in GBD 2017, we estimated PAFs based on the following equation:

$$
P A F=\frac{p(n)+p(f) \int \exp (x) * r r(x)+p(c) \int \exp (y) * r r(y)-1}{p(n)+p(f) \int \exp (x) * r r(x)+p(c) \int \exp (y) * r r(y)}
$$

where $p(n)$ is the prevalence of never smokers, $p(f)$ is the prevalence of former smokers, $p(c)$ is the prevalence of current smokers, $\exp (x)$ is a distribution of years since quitting among former smokers, $r r(x)$ is the relative risk for years since quitting, $\exp (y)$ is a distribution of cigarettes per smoker per day or pack-years, and $r r(y)$ is the relative risk for cigarettes per smoker per day or pack-years.

We used pack-years as the exposure definition for cancers and chronic respiratory diseases, and cigarettes per smoker per day for cardiovascular diseases and all other health outcomes.

## References

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## High fasting plasma glucose

## Flowchart



## Case definition

High fasting plasma glucose (FPG) is measured as the mean FPG in a population, where FPG is a continuous exposure in units of $\mathrm{mmol} / \mathrm{L}$. Since FPG is along a continuum, we define high FPG as any level above the TMREL, which is 4.8-5.4 $\mathrm{mmol} / \mathrm{L}$.

## Data seeking

Exposure
We conducted a systematic review for FPG and diabetes in GBD 2019. We use all available sources on FPG and prevalence of diabetes in the FPG model.

## 1. Search terms:

Diabetes Mellitus search string: (diabetes[TI] AND (prevalence[TIAB] OR incidence[TIAB])) OR ('Diabetes Mellitus'[MeSH Terms] AND 'epidemiology'[MeSH Terms]) OR (diabetes[TI] AND 'epidemiology'[MeSH Terms]) NOT gestational[All Fields] NOT ('neoplasms'[MeSH Terms] OR 'neoplasms'[All Fields] OR 'cancer'[All Fields]) NOT ('mice'[MeSH Terms] OR 'mice'[All Fields]) NOT ('schizophrenia'[MeSH Terms] OR 'schizophrenia'[All Fields]) NOT ('emigrants and immigrants'[MeSH Terms] OR ('emigrants'[All Fields] AND 'immigrants'[All Fields]) OR 'emigrants and immigrants'[All Fields] OR 'immigrants'[All Fields]) NOT ('pregnancy'[MeSH Terms] OR 'pregnancy'[All Fields] OR 'gestation'[All Fields]) NOT ('rats'[MeSH Terms] OR 'rats'[All Fields] OR 'rat'[All Fields]) NOT ('kidney'[MeSH Terms] OR 'kidney'[All Fields]) NOT renal[All Fields] NOT ('vitamins'[Pharmacological Action] OR 'vitamins'[MeSH Terms] OR 'vitamins'[All Fields] OR 'vitamin'[All Fields])

And

FPG search string: (("glucose"[Mesh] OR "hyperglycemia"[Mesh] OR "prediabetic state"[Mesh]) AND "Geographic Locations"[Mesh] NOT "United States"[Mesh]) AND ("humans"[Mesh] AND "adult"[MeSH]) AND ("Data Collection"[Mesh] OR "Health Services Research"[Mesh] OR "Population Surveillance"[Mesh] OR "Vital statistics"[Mesh] OR "Population"[Mesh] OR "Epidemiology"[Mesh] OR surve*[TiAb]) NOT Comment[ptyp] NOT Case Reports[ptyp]) NOT "hospital"[TiAb]

Search date: October 17, 2018. The search took place for the following dates: 10/15/2017-10/16/2018. The number of studies returned was 717, and the number of studies extracted was 36 .

Figure 1: PRISMA diagram of data sources used in GBD 2019 high fasting plasma glucose model


## Data inputs

## Data inputs come from 3 sources:

- Estimates of mean FPG in a representative population
- Individual-level data of fasting plasma glucose measured from surveys
- Estimates of diabetes prevalence in a representative population

Data sources that did not report mean FPG or prevalence of diabetes are excluded from analysis. When a study reported both mean fasting plasma glucose (FPG) and prevalence of diabetes, we use the mean FPG for exposure estimates. Where possible, individual-level data supersede any data described in a study. Individual-level data are aggregated to produce estimates for each 5-year age group, sex, location, and year of a survey.

Table 1: Number of sources used in exposure and relative risk models in GBD 2019

| Measure | Total sources | Countries with data |
| :--- | :---: | :---: |
| Total | 549 | 127 |
| Relative risk | 20 | - |
| Exposure | 529 | 127 |

## Data processing

We perform several processing steps to the data in order to address sampling and measurement inconsistencies that will ensure the data are comparable.

1. Small sample size

Estimates in a sex and age group with a sample size <30 persons is considered a small sample size. In order to avoid small sample size problems that may bias estimates, data are collapsed into the next age group in the same study till the sample size reach at least 30 persons. The intent of collapsing the data is to preserve as much granularity between age groups as possible. If the entire study sample consists of <30 persons and did not include a population-weight, the study is excluded from the modelling process.
2. Crosswalks

We predicted mean FPG from diabetes prevalence using an ensemble distribution. We characterized the
distribution of FPG using individual-level data. Details on the ensemble distribution can be found elsewhere in the Appendix. Before predicting mean FPG from prevalence of diabetes, we ensured that the prevalence of diabetes was based on the reference case definition: fasting plasma glucose (FPG) $>126 \mathrm{mg} / \mathrm{dL}(7 \mathrm{mmol} / \mathrm{L})$ or on treatment. For more details on how the case-definition crosswalk is conducted, please see the diabetes mellitus appendix in Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019.

## Exposure modelling

Exposure estimates are produced for every year between 1980 to 2019 for each national and subnational location, sex, and for each 5-year age group starting from 25 years. As in previous rounds of GBD, we used a Spatio-Temporal Gaussian Process Regression (ST-GPR) framework to model the mean fasting plasma glucose at the location-, year-, age-, and sex- level. Updates to the ST-GR modelling framework for GBD 2019 are detailed elsewhere in the Appendix.

Fasting plasma glucose is frequently tested or reported in surveys aiming at assessing the prevalence of diabetes mellitus. In these surveys, the case definition of diabetes may include both a glucose test and questions about treatment for diabetes. People with positive history of diabetes treatment may be excluded from the FPG test. Thus, the mean FPG in these surveys would not represent the mean FPG in the entire population. In this event, we estimated the prevalence of diabetes assuming a definition of FPG $>126 \mathrm{mg} / \mathrm{dL}(7 \mathrm{mmol} / \mathrm{L})$, then crosswalked it to our reference case definition, and then predicted mean FPG.

To inform our estimates in data-sparse countries, we systematically tested a range of covariates and selected age specific prevalence of obesity as a covariate based on direction of the coefficient and significance level.

Mean FPG is estimated using a mixed-effects linear regression, run separately by sex:

$$
\operatorname{logit}\left(\mathrm{FPG}_{\mathrm{c}, \mathrm{a}, \mathrm{t}}\right)=\beta_{0}+\beta_{1} \mathrm{p}_{\text {overweight }_{c, a, \mathrm{t}}}+\sum_{\mathrm{k}=2}^{16} \beta_{\mathrm{k}} \mathrm{I}_{\mathrm{A}[\mathrm{a}]}+\alpha_{\mathrm{s}}+\alpha_{\mathrm{r}}+\alpha_{\mathrm{c}}+\epsilon_{\mathrm{c}, \mathrm{a}, \mathrm{t}}
$$

where poverweight $_{c, a, t}$ is the prevalence of overweight, $\mathrm{I}_{\mathrm{A}[\mathrm{a}]}$ is an indicator variable for a fixed effect on a given 5-year age group, and $\alpha_{s} \alpha_{r} \alpha_{c}$ are random effects at the super-region, region, and country level, respectively. The estimates were then propagated through the ST-GPR framework to obtain 1000 draws for each location, year, age, and sex.

## Theoretical minimum-risk exposure level

The theoretical minimum-risk exposure level (TMREL) for FPG is $4.8-5.4 \mathrm{mmol} / \mathrm{L}$. This was calculated by taking the person-year weighted average of the levels of FPG that were associated with the lowest risk of mortality in the pooled analyses of prospective cohort studies. ${ }^{1}$

## Relative risks

We estimate 15 outcomes due to high fasting plasma glucose (continuous risk) or diabetes (categorical risk).

| Risk | Outcome |
| :--- | :--- |


| Fasting plasma glucose | Ischemic heart disease |
| :--- | :--- |
| Fasting plasma glucose | Ischemic stroke |
| Fasting plasma glucose | Subarachnoid hemorrhage |
| Fasting plasma glucose | Intracerebral hemorrhage |
| Fasting plasma glucose | Peripheral vascular disease |
| Fasting plasma glucose | Type 1 diabetes |
| Fasting plasma glucose | Type 2 diabetes |
| Fasting plasma glucose | Chronic kidney disease due to <br> Type 1 diabetes |
| Fasting plasma glucose | Chronic kidney disease due to <br> Type 2 diabetes |
| Diabetes mellitus | Drug-resistant tuberculosis |
| Diabetes mellitus | Drug-susceptible tuberculosis |
| Diabetes mellitus | Multidrug-resistant tuberculosis <br> without extensive drug resistance |
| Diabetes mellitus | Extensively drug-resistant <br> tuberculosis |
| Diabetes mellitus | Liver cancer due to NASH |
| Diabetes mellitus | Liver cancer due to other causes |
| Diabetes mellitus | Pancreatic cancer |
| Diabetes mellitus | Ovarian cancer |
| Diabetes mellitus | Colorectal cancer |
| Diabetes mellitus | Breast cancer cancer |
| Diabetes mellitus | Diabencena |
| Diabetes mellitus mellitus | Diasts |

## Relative risks for High Fasting Plasma Glucose (continuous risk)

After a review of the chronic kidney disease literature, we determined that there is only an attributable risk of chronic
kidney disease due to diabetes type 1 and chronic kidney disease due to diabetes type 2 to FPG. Thus, in GBD 2019 we removed chronic kidney disease due to glomerulonephritis, chronic kidney disease due to hypertension, chronic kidney disease due to other causes as an outcome.

Relative risks (RR) were obtained from dose-response meta-analysis of prospective cohort studies. Please see the citation list for a full list of studies that are utilized. For cardiovascular outcomes, we estimated age-specific RRs using DisMod-MR 2.1 with $\log (R R)$ as the dependent variable and median age at event as the independent variable with an intercept at age 110 . Morbidity and mortality directly caused by diabetes type 1 and diabetes type 2 is considered directly attributable to FPG.

## Relative risks for Diabetes mellitus (Categorical risk)

Relative risks were obtained from meta-analysis of cohort studies. Please see the citation list for a full list of studies that are utilized.

## References

1 . Singh GM, Danaei G, Farzadfar F, et al. The age-specific quantitative effects of metabolic risk factors on cardiovascular diseases and diabetes: a pooled analysis. PloS One 2013; 8: e65174.

High systolic blood pressure

Flowchart


Input data and methodological summary

## Exposure

## Case definition

Brachial systolic blood pressure in mmHg .

Input data
We utilised data on mean systolic blood pressure from literature and from household survey microdata and reports (e.g. STEPS, NHANES). For GBD 2019, we did not carry out a systematic review of the literature for new data. Counts of the data inputs used for GBD 2019 are show in Tables 1 and 2 below. Details of inclusion and exclusion criteria and data processing steps follow.

Table 1: Data inputs for exposure for systolic blood pressure.

| Input data | Exposure |
| :--- | :---: |
| Total sources | 1112 |
| Number of countries with data | 166 |

Table 2: Data inputs for relative risks for systolic blood pressure.

| Input data | Relative risk |
| :--- | :---: |
| Source count (total) | 3 |

## Inclusion criteria

Studies were included if they were population-based and directly measured systolic blood pressure using a sphygmomanometer. We assumed the data were representative if the geography or the population were not selected because it was related to hypertension or hypertensive outcomes.

## Outliers

Data were utilised in the modelling process unless an assessment strongly suggested that the source was biased. A candidate source was excluded if the quality of study did not warrant a valid estimate because of selection (nonrepresentative populations) or if the study did not provide methodological details for evaluation. In a small number of cases, a data point was considered to be an outlier candidate if the level was implausibly low or high based on expert judgement and data from other country data.

## Data extraction

Where possible, individual-level data on blood pressure estimates were extracted from survey microdata. These data points were collapsed across demographic groupings to produce mean estimates in the standard GBD five-year age-sex groups. If microdata were unavailable, information from survey reports or from literature were extracted along with any available measure of uncertainty including standard error, uncertainty interval, and sample size. Standard deviations were also extracted. Where mean systolic blood pressure was reported split out by groups other than age, sex, location, and year (e.g. by hypertensive status), a weighted mean was calculated.

## Incorporating United States prevalence data

Survey reports and literature often report information only about the prevalence, but not the level, of hypertension in the population studied. These sources were not used to model systolic blood pressure, with the exception of data from the Behavioral Risk Factors Surveillance System (BRFSS) because of the availability of a similarly structured exam survey that is representative of the same population (NHANES). BRFSS is a telephone survey conducted in the United States for all US counties. It collects self-reported diagnosis of hypertension. These self-reported values of prevalence of raised blood pressure were adjusted for self-report bias and tabulated by age group, sex, US state, and year. These prevalence values were used to predict a mean systolic blood pressure for the same strata with a regression using data from the National Health and Nutrition Examination Survey, a nationally representative health examination survey of the US adult population. The regression was run separately by sex, and was specified as:

$$
\operatorname{SBP}_{\mathrm{l}, \mathrm{a}, \mathrm{t}, \mathrm{~s}}=\beta_{0}+\beta_{1} \operatorname{prev}_{\mathrm{l}, \mathrm{a}, \mathrm{t}, \mathrm{~s}}
$$

where $\operatorname{SBP}_{\mathrm{l}, \mathrm{a}, \mathrm{t}, \mathrm{s}}$ is the location, age, time, and sex specific mean systolic blood pressure and prev $_{\mathrm{l}, \mathrm{a}, \mathrm{t}, \mathrm{s}}$ is the location, age, time, and sex specific prevalence of raised blood pressure. The coefficients for both models are reported in Table 3.

Table 3. Coefficients in the sex-specific US states blood pressure prediction models

| Term | Male model | Female model |
| :--- | :---: | :---: |
| Intercept $\left(\beta_{0}\right)$ | 114.65 | 108.28 |
| Prevalence $\left(\beta_{1}\right)$ | 51.86 | 68.87 |

Out of sample RMSE was used to quantify the predictive validity of the model. The regression was repeated 10 times for each sex, each time randomly holding out 20\% of the data. The RMSEs from each holdout analysis were averaged to get the average out of sample RMSE. The results of this holdout analysis are reported in Table 4.

Table 4. Out of sample RMSEs of the sex-specific US states blood pressure prediction models

| Male model |  | Female model |
| :--- | :---: | :---: |
| Out of sample RMSE | 2.37 mmHg | 3.27 mmHg |

## Age and sex splitting

Prior to modelling, data provided in age groups wider than the GBD five-year age groups were processed using the approach outlined in Ng and colleagues. ${ }^{2}$ Briefly, age-sex patterns was identified using 115 sources of microdata with multiple age-sex groups, and these patterns were applied to estimate age-sex-specific levels of mean systolic blood pressure from aggregated results reported in published literature or survey reports. In order to incorporate uncertainty into this process and borrow strength across age groups when constructing the age-sex pattern, we used a model with auto-regression on the change in mean SBP over age groups:

$$
\begin{gathered}
\mu_{a}=\mu_{a-1}+\omega_{a} \\
\omega_{a} \sim N\left(\omega_{a-1}, \tau\right)
\end{gathered}
$$

Where $\mu_{a}$ is the mean predicted value for age group $a, \mu_{a-1}$ is the mean predicted value for the age group previous to age group $a, \omega_{a}$ is the difference in mean between age group $a$ and age group $a-1, \omega_{a-1}$ is the difference between age group $a-1$ and age group $a-2$, and $\tau$ is a user-input prior on how quickly the mean SBP changes for each unit increase in age. We used a $\tau$ of 1.5 mmHg for this model. Draws of the age-sex pattern were combined with draws of the input data needing to be split in order to calculate the new variance of age-sex split data points.

## Modelling

Exposure estimates were produced from 1980 to 2019 for each national and subnational location, sex, and for each fiveyear age group starting from $25+$. As in GBD 2017, we used a spatiotemporal Gaussian process regression (ST-GPR) framework to model the mean systolic blood pressure at the location-, year-, age-, sex- level. Details of the ST-GPR method used in GBD 2019 can be found elsewhere in the appendix.

## Covariate selection

The first step of the ST-GPR framework requires the creation of a linear model for predicting SBP at the location-, year-, age-, sex- level. Covariates for this model were selected in two stages. First a list of variables with an expected causal relationship with SBP was created based on significant association found within high-quality prospective cohort studies reported in the published scientific literature. The second stage in covariate selection was to test the predictive validity of every possible combination of covariates in the linear model, given the covariates selected above. This was done separately for each sex. Predictive validity was measured with out of sample root-mean-squared error.

In GBD 2016, the linear model with the lowest root-mean-squared error for each sex was then used in the ST-GPR model. Beginning in GBD 2017, we used an ensemble model of the 50 models with the lowest root-mean-squared error for each sex. This allows us to utilise covariate information from many plausible linear mixed-effects models. The 50 models were each used to predict the mean SBP for every age, sex, location, and year, and the inverse-RMSE-weighted average of this set of 50 predictions was used as the linear prior. The relative weight contributed by each covariate is plotted by sex in Figure 1.

Figure 1. Results of the ensemble linear model covariate selection


The results of the ensemble linear model were used for the first stage in an ST-GPR model. The result of the ST-GPR model are estimates of the mean SBP for each age, sex, location, and year.

## Estimate of standard deviation

Currently, the ST-GPR model only produces an estimate of mean exposure level without standard deviation. Therefore, the standard deviation of systolic blood pressure within a population was estimated for each national and subnational location, sex, and five-year age group starting from age 25 using the standard deviation from person-level and some tabulated data sources. Person-level microdata accounted for 10375 of the total 12570 rows of data on standard deviation. The remaining 2195 rows came from tabulated data. Tabulated data were only used to model standard deviation if it was sex-specific and five-year-age-group-specific and reported a population standard deviation of systolic blood pressure. The systolic blood pressure standard deviation function was estimated using a linear regression:

$$
\log \left(\mathrm{SD}_{\mathrm{l}, \mathrm{a}, \mathrm{t}, \mathrm{~s}}\right)=\beta_{0}+\beta_{1} \log \left(\text { mean_SBP }_{\mathrm{l}, \mathrm{a}, \mathrm{t}, \mathrm{~s}}\right)+\beta_{4} \operatorname{sex}+\sum_{\mathrm{k}=2}^{16} \beta_{\mathrm{k}} \mathrm{I}_{\mathrm{A}}
$$

where mean_SBP ${ }_{l, a, \mathrm{a}, \mathrm{s}, \mathrm{S}}$ is the location-, age-, time-, and sex-specific mean SBP estimate from ST-GPR, and $\mathrm{I}_{\mathrm{A}}$ is a dummy variable for a fixed effect on a given five-year age group.

## Adjustment for usual levels of blood pressure

To account for in-person variation in systolic blood pressure, a "usual blood pressure" adjustment was done. The need
for this adjustment has been described elsewhere. ${ }^{5}$ Briefly, measurements of a risk factor taken at a single time point may not accurately capture an individual's true long-term exposure to that risk. Blood pressure readings are highly variable over time due to measurement error as well as diurnal, seasonal, or biological variation. These sources of variation result in an overestimation of the variation in cross-sectional studies of the distribution of SBP.

To adjust for this overestimation, we applied a correction factor to each location-, age-, time-, and sex-specific standard deviation. These correction factors were age-specific and represented the proportion of the variation in blood pressure within a population that would be observed if there were no within-person variation across time. Four longitudinal surveys were used to estimate these factors: the China Health and Retirement Longitudinal Survey (CHRLS), the Indonesia Family Life Survey (IFLS), the National Health and Nutrition Examination Survey I Epidemiological Follow-up Study (NHANES I/EFS), and the South Africa National Income Dynamics Survey (NIDS). The sample size and number of blood pressure measurements at each measurement period for each survey is reported in Table 5.

Table 1. Characteristics of longitudinal surveys used for the usual blood pressure adjustment

| Source | Measurement <br> periods | Number of <br> measurements | Sample size |
| :--- | :---: | :---: | :---: |
| CHRLS | 2008 | 3 | 1967 |
|  | 2012 | 3 | 1419 |
| IFLS | 1997 | 1 | 19418 |
|  | 2000 | 1 | 16626 |
|  | 2007 | 3 | 14136 |
|  | 1997 | 2 | 14084 |
| NHANES I/EFS | 2000 | 2 | 9612 |
|  | 2007 | 2 | 9098 |
|  | $1971-1976$ | 2 | 20716 |

For each survey, the following regression was created for each age group:

$$
\mathrm{SBP}_{\mathrm{i}, \mathrm{a}}=\beta_{0}+\beta_{1} \operatorname{sex}+\beta_{3} \text { age }++\mathrm{v}_{\mathrm{i}}
$$

where $\mathrm{SBP}_{\mathrm{i}, \mathrm{a}}$ is the systolic blood pressure of an individual i at age a , sex is a dummy variable for the sex of an individual, age is a continuous variable for the age of an individual, and $v_{i}$ is a random intercept for each individual. Then, a blood pressure value $\widehat{S B P}_{i, b}$ was predicted for each individual ifor his/her age at baseline $b$. The correction factor of for each age group within each survey was calculated as variation in these predicted blood pressures was divided by the variation in the observed blood pressures at baseline, $\mathrm{SBP}_{\mathrm{i}, \mathrm{b}}$ :

$$
\mathrm{cf}=\sqrt{\frac{\operatorname{var}\left(\widehat{\mathrm{SBP}}_{\mathrm{b}}\right)}{\operatorname{var}\left(\mathrm{SBP}_{\mathrm{b}}\right)}}
$$

The average of the correction factors was taken over the three surveys to get one set of age-specific correction factors, which were then multiplied by the square of the modelled standard deviations to estimate standard deviation of the "usual blood pressure" of each age, sex, location, and year. Because of low sample sizes, the correction factors for the 75-79 age group was used for all terminal age groups. The final correction factors for each age group are reported in

Table 6. Figure 2 shows the correction factors by survey and age group ID.
Table 2. Age-specific usual blood pressure correction factors

| Age group | Correction factor |
| :--- | :---: |
| $25-29$ | 0.665 |
| $30-34$ | 0.713 |
| $35-39$ | 0.737 |
| $40-44$ | 0.733 |
| $45-49$ | 0.798 |
| $50-54$ | 0.771 |
| $55-59$ | 0.764 |
| $60-64$ | 0.753 |
| $65-69$ | 0.719 |
| $70-74$ |  |
| $75+$ | 0.689 |

Figure 2: Correction factor by survey and age group id. The correction factor is equal to the variance of the predictions divided by the variance of the raw dataset. In pink is the average correction factor for each age group, summarised in Table 6.


A visualisation of how the uncorrected blood pressure measurements overestimate the "usual" blood pressure variation is shown in Figure 3. This image shows the density of the distribution of the observed blood pressure values $\mathrm{SBP}_{\mathrm{i}, \mathrm{b}}$ in participants in the Indonesian Family Life Study survey in red, and the density of the predicted blood pressure values $S \widehat{B P}_{\mathrm{i}, \mathrm{b}}$ in blue. The ratio of the variance of the blue distribution to the variance of the red distribution is an example of the scalar adjustment factor being applied to the modelled standard deviations.

Figure 3: Raw and predicted distributions of blood pressure in the Indonesia Family Life Survey


## Estimating the exposure distribution shape

The shape of the distribution of systolic blood pressure was estimated using all available person-level microdata sources, which was a subset of the input data into the modelling process. The distribution shape modelling framework for GBD 2019 is detailed in the elsewhere in the appendix. Briefly, an ensemble distribution created from a weighted average of distribution families was fit for each individual microdata source, separately by sex. The weights for the distribution families for each individual source were then averaged and weighted to create a global ensemble distribution for each sex.

## Theoretical minimum-risk exposure level

No changes have been made to the TMREL used for systolic blood pressure since GBD 2015. We estimated that the TMREL of SBP ranges from 110 to 115 mmHg based on pooled prospective cohort studies that show risk of mortality increases for SBP above that level. ${ }^{3,4}$ Our selection of a TMREL of $110-115 \mathrm{mmHg}$ is consistent with the GBD study approach of estimating all attributable health loss that could be prevented even if current interventions do not exist that can achieve such a change in exposure level, for example a tobacco smoking prevalence of zero percent. To include the uncertainty in the TMREL, we took a random draw from the uniform distribution of the interval between 110 mmHg and 115 mmHg each time the population attributable burden was calculated.

## Relative risks

No changes have been made to the relative risk estimates for blood pressure outcomes used since GBD 2016. RRs for chronic kidney disease are from the Renal Risk Collaboration meta-analysis of 2.7 million individuals in 106 cohorts. For other outcomes, we used data from two pooled epidemiological studies: the Asia Pacific Cohort Studies Collaboration (APCSC) and the Prospective Studies Collaboration (PSC) ${ }^{4,5}$ Additional estimates of RR for cardiovascular outcomes were used from the CALIBER study, a health-record linkage cohort study from the UK. ${ }^{6}$

For cardiovascular disease, epidemiological studies have shown that the RR associated with SBP declines with age, with the $\log (R R)$ having an approximately linear relationship with age and reaching a value of 1 between the ages of 100 and
120. RRs were reported per 10 mmHg increase in SBP above the TMREL value ( 115 mmHg ), calculated as in the equation below:

$$
R R(x)=R R_{0}^{\frac{(x-T M R E L)}{10 m m H g}}
$$

Where $R R(x)$ is the $R R$ at exposure level x and $R R_{0}$ is the increase in $R R$ for each 10 mmHg above the TMREL. We used DisMod-MR 2.1 to pool effect sizes from included studies and generate a dose-response curve for each of the outcomes associated with high SBP. The tool enabled us to incorporate random effects across studies and include data with different age ranges. RRs were used universally for all countries and the meta-regression only helped to pool the three major sources and produce RRs with uncertainty and covariance across ages taking into account the uncertainty of the data points.

## References

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Flowchart


1. The Chronic Kidney Disease Prognosis Consortium is a research group composed of investigators representing cohorts from around the
world. Investigators share data for the purpose of collaborative meta-analyses to study prognosis in CKD.
Input data and methodological summary

## Exposure

## Case definition

The kidney dysfunction risk factor exposure is divided into four categories of renal function defined by urinary albumin to creatinine ratio (ACR) and estimated glomerular filtration rate (eGFR):

- Albuminuria with preserved eGFR (ACR $>30 \mathrm{mg} / \mathrm{g}$ \& eGFR $>=60 \mathrm{ml} / \mathrm{min} / 1.73 \mathrm{~m}^{2}$ ); this corresponds to stages 1 and 2 chronic kidney disease (CKD) in the Kidney Disease Improving Global Outcomes (KDIGO) classification
- CKD stage 3 (eGFR of $30-59 \mathrm{ml} / \mathrm{min} / 1.73 \mathrm{~m}^{2}$ );
- CKD stage 4 (eGFR of $15-29 \mathrm{ml} / \mathrm{min} / 1.73 \mathrm{~m}^{2}$ ); and
- CKD stage 5 (eGFR $<15 \mathrm{ml} / \mathrm{min} / 1.73 \mathrm{~m}^{2}$, not (yet) on renal replacement therapy).

The modelling of renal function prevalence estimates is described in detail in the CKD section of the appendix to the GBD 2019 disease and injury paper.

## Theoretical minimum-risk exposure level

The theoretical minimum-risk exposure level is ACR $30 \mathrm{mg} / \mathrm{g}$ or less and eGFR greater than $60 \mathrm{ml} / \mathrm{min} / 1.73 \mathrm{~m}^{2}$. An ACR above $30 \mathrm{mg} / \mathrm{g}$ and eGFR below $60 \mathrm{ml} / \mathrm{min} / 1.73 \mathrm{~m}^{2}$ have been demonstrated in the literature to be the thresholds at which increased cardiovascular and gout events occur secondary to kidney dysfunction.(1-10)

## Input data

The last systematic review of prevalence of low glomerular filtration rate was conducted for GBD 2016, updating searches done in GBD 2015, GBD 2013, and GBD 2010. Exclusion criteria included surveys that were not population-representative and studies not reporting on CKD by stage.

Data sources for kidney dysfunction:

| Input data | Exposure |
| :--- | :---: |
| Source count (total) | 98 |


| Input data | Relative risk |
| :--- | :---: |
| Source count (total) | 9 |

## Modelling strategy

We model the proportion of cardiovascular and musculoskeletal diseases attributable to kidney dysfunction. This is performed by 1) running DisMod-MR 2.1 models to estimate the prevalence of albuminuria, stage 3 CKD, stage 4 CKD, and stage 5 CKD; 2) estimate relative risks from available data on cardiovascular outcomes and gout; 3) calculate the population attributable fraction of those outcomes to IKF.

The prevalence of exposure to albuminuria and CKD were obtained from the GBD 2019 non-fatal burden of disease analysis.

Data on relative risks were contributed by the Chronic Kidney Disease Prognosis Consortium (CKD-PC). The Chronic Kidney Disease Prognosis Consortium is a research group composed of investigators representing cohorts from around the world. Investigators share data for the purpose of collaborative meta-analyses to study prognosis in CKD.

## Relative risks

We estimate burden attributable to kidney dysfunction for cardiovascular diseases, chronic kidney diseases, and gout.
In GBD 2017, we relied on a pooled cohort analysis of six cohort studies from the CKD-PC. For GBD 2019, in collaboration with CKD-PC, we got data on 38 new cohorts and continued to use the original from the previous analysis. We ran these new data through MR-BRT meta-regression to determine the relationship between age and outcomes based on exposure to IKF. Estimates were nested within cohorts. A three-degree spline was placed on age with decreasing monotonicity. All relative risk estimates for stroke and ischaemic heart disease above age 85 were set equal to the risk at age 85 to control for lack of data in older age groups. Gout currently uses GBD 2017 estimations of relative risk.

We ran some sensitivity analyses with and without controlling for blood pressure. This is because IKF increases the risk of cardiovascular diseases directly, as well as through blood pressure. We wanted to understand how estimates of risk would differ. Generally, the relative risk of cardiovascular disease was lower when controlling for blood pressure. We decided to go with this lower risk that controlled for hypertension for a more conservative estimate.

## Relative risk plots

The following plot shows the relative risks for heart disease and stroke by each stage of CKD. As expected, stage 5 and stage 4 CKD have higher risks overall. Risks is also higher at younger ages and lower at the oldest age, likely reflecting competing risk factors. While the risks themselves dip below zero at the oldest age, we believe this is merely a function of lack of data above age 85 . Because of this, our estimates for relative risk above age 85 take the estimate at age 85.

Relative RIsk of stroke and heart disease by stage CKD


We also include two forest plots to show the distribution of risk estimates for heart disease and stroke across our studies. In general, we see an expected pattern, with earlier stages of CKD with lower risks.



## Population attributable fraction

We calculated the cardiovascular and gout fatal and non-fatal burden attributable to the categorical exposure to kidney dysfunction using the following equation:

$$
P A F=\frac{\sum_{i=1}^{n} P_{i}\left(R R_{i}-1\right)}{\sum_{i=1}^{n} P_{i}\left(R R_{i}-1\right)+1}
$$

## Equation 1. PAF based on categorical exposure

where $R R_{i}$ is the relative risk for exposure level $i, P_{i}$ is the proportion of the population in that exposure category, and $n$ is the number of exposure categories.(11)

## Primary changes between GBD 2017 and GBD 2019

The following are the main changes in the GBD 2019 modelling strategy compared to GBD 2017:

1. In GBD 2019, we used MR-BRT to run a nested meta-regression analysis on the within-study sex ratios to estimate a pooled sex ratio with $95 \%$ confidence intervals. In GBD 2017, this was estimated in DisMod-MR 2.1.
2. In GBD 2019, we used MR-BRT to make bias adjustments for data with alternative case definitions. CKD uses CKDEpi as the reference definition. Alternative equations include the Cockcroft-Gualt and Modification of Diet in Renal Disease equations. MR-BRT models have larger confidence intervals due to taking into account study variance across all input data. In GBD 2017, these adjustments were made in DisMod-MR 2.1. The values of these adjustments are in the table below:

## MR-BRT bias adjustment factors

| Data input | Status | Gamma | Beta coefficient, logit <br> $(95 \% \mathrm{Cl})$ | Adjustment <br> factor* |
| :--- | :--- | :--- | :--- | :--- |
| CKD-EPI | Ref | --- | --- | --- |


| Stage III CG | Alt | 0.25 | 0.24 <br> $(-0.28$ to 0.76$)$ | 0.56 <br> $(0.43-0.68)$ |
| :--- | :--- | :--- | :--- | :--- |
| Stage III MDRD | Alt | 0.03 | 0.49 <br> $(0.34-0.64)$ | 0.62 <br> $(0.58-0.66)$ |
| Stage IV CG | Alt | 0 | 0.09 <br> $(-0.05$ to 0.24$)$ | 0.52 <br> $(0.49-0.56)$ |
| Stage IV MDRD | Alt | 0 | -0.07 | 0.48 |
|  |  |  | $(-0.19$ to 0.04$)$ | $(0.45-0.51)$ |
| Stage V CG | Alt | 0 | -0.18 | 0.45 |
|  |  |  | $(-0.45$ to 0.09$)$ | $(0.39-0.52)$ |
| Stage V MDRD | Alt | 0 | -0.06 | 0.49 |
|  |  |  | $(-0.28$ to 0.18$)$ | $(0.43-0.54)$ |
| Stage III-V CG | Alt | 0.26 | 0.23 | 0.56 |
|  |  |  | $(-0.29$ to 0.75) | $(0.43-0.68)$ |
| Stage III-V MDRD | Alt | 0.03 | 0.47 | 0.62 |
|  |  |  | $(0.32-0.62)$ | $(0.58-0.65)$ |

3. In GBD 2017, the RRs were estimated via a pooled cohort meta-regression conducted in $R$ using the metafor package. In GBD 2019, we made use of MR-BRT to run a nested meta-regression analysis that allowed more flexibility in the estimation process.

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## Dietary risks

Flowchart


Input data and methodological summary

## Definition

## Exposure

Risk
Diet low in fruit
Diet low in vegetables

## Definition

Average daily consumption (in grams per day) of less than 310-340 grams of fruit including fresh, frozen, cooked, canned, or dried fruit, excluding fruit juices and salted or pickled fruits

Average daily consumption (in grams per day) of less than 280-320 grams of vegetables, including fresh, frozen, cooked, canned, or dried vegetables and excluding legumes and salted or pickled vegetables, juices, nuts and seeds, and starchy vegetables such as potatoes or corn
$\left.\begin{array}{ll} & \begin{array}{l}\text { Average daily consumption (in grams per day) of less than 140-160 grams } \\ \text { of whole grains (bran, germ, and endosperm in their natural proportion) } \\ \text { from breakfast cereals, bread, rice, pasta, biscuits, muffins, tortillas, } \\ \text { pancakes, and other sources }\end{array} \\ \text { Diet low in whole grains }\end{array} \quad \begin{array}{l}\text { Average daily consumption (in grams per day) of less than 10-19 grams of } \\ \text { nuts and seeds, including tree nuts and seeds and peanuts }\end{array}\right\}$

## Input data

In GBD 2019, we included new dietary recall sources from a literature search of PubMed and new sources from the IHME GHDx yearly known survey series updates in our models. We also conducted a new systematic review for sodium (Figure 1). As in GBD 2017, the dietary data that we use in the models comes from multiple sources, including nationally
and subnationally representative nutrition surveys, household budget surveys, accounts of national sales from the Euromonitor, and availability data from the United Nations FAO Supply and Utilization Accounts (SUA). Table 1 below provides a summary of data inputs used for dietary risk modeling in GBD 2019.

Figure 1: PRISMA diagram for sodium intake data systematic review


Table 1a: Data inputs for exposure for dietary risk factors.

| Dietary risk factor | Total exposure <br> sources | Countries with data |
| :---: | :---: | :---: |
| All dietary risks | 1461 | 195 |
| Calcium | 160 | 178 |
| Fiber | 155 | 180 |
| Fruit | 869 | 180 |
| Legumes | 683 | 169 |
| Milk | 1148 | 158 |
| Nuts and seeds | 100 | 178 |
| Omega 3 | 20 | 66 |
| Processed meat | 737 |  |


| PUFA | 70 | 180 |
| :---: | :---: | :---: |
| Red meat | 760 | 178 |
| Sodium | 92 | 53 |
| SSBs | 720 | 66 |
| Trans fat | 924 | 72 |
| Vegetables | 871 | 180 |
| Whole grains | 52 | 188 |

Table 1b: Data inputs for risk analysis for dietary risk factors.

| Dietary risk factor | Total relative risk <br> sources | Countries with <br> data |
| :---: | :---: | :---: |
| Calcium | 37 | 9 |
| Fiber | 64 | 16 |
| Fruit | 116 | 23 |
| Legumes | 10 | 5 |
| Milk | 12 | 8 |
| Nuts and seeds | 23 | 9 |
| Omega 3 | 50 | 16 |
| Processed meat | 41 | 11 |
| PUFA | 92 | 8 |
| Red meat | 21 | 20 |
| Sodium | 15 | 5 |
| SSBs | 10 | 5 |
| Transfat | 39 | 11 |
| Vegetable |  | 9 |
| Whole grains |  |  |

The availability data for food groups in GBD were previously based on the FAO Food Balance Sheets (FBS), which provide tabulated and processed data of national food supply. In GBD 2019, to more accurately characterise the national availability of various food groups, we used more disaggregated data on food commodities that were included in FAO SUA and recreated the national availability of each food group based on the GBD definition of the food group. We
modelled missing country-year data from FAO using a spatiotemporal Gaussian process regression and lag-distributed country income as the covariate. For nutrient availability, we continued to use data from Global Nutrient Database. ${ }^{1}$

For each dietary factor, we estimated the global age pattern of consumption based on nutrition surveys (ie, 24-hour diet recall) and applied that age pattern to the all-age data (availability, sales and household budget surveys) before the data source bias adjustment.

Our gold-standard data source for all dietary risks (except sodium) is 24 -hour dietary recall surveys where food and nutrient intake are reported or convertible to grams per person per day; the gold-standard data source for sodium is 24hour urinary sodium. The other data sources we use - household budget surveys, food frequency questionnaires, sales, and availability - are treated as alternate definitions for dietary intake and crosswalked to the gold-standard definition. In GBD 2016 and GBD 2017, we determined the bias adjustment factors from a mixed effects linear regression. In GBD 2019, we used MR-BRT (a network meta-regression) to determine the adjustment factors for non-gold-standard datapoints. Coefficients for these models can be found in Table 3.

Table 2. Types of data sources (other than 24-hour dietary recall) and covariates used in modelling of each dietary factor.

|  | Data sources |  |  |  | Country-level covariate |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Sales | $\mathrm{FFQ}^{1}$ | $\mathrm{HBS}^{2}$ | FAO |  |
| Diet low in fruits | - | - | - | - | Lag distributed income |
| Diet low in vegetables | - | - | - | - | Energy availability (kcal) |
| Diet low in whole grains | - | - | - | - | Energy availability (kcal) |
| Diet low in nuts and seeds | - | - | - | - | Energy availability (kcal) |
| Diet low in milk | - | - | - | - | Energy availability (kcal) |
| Diet high in red meat | - | - | - | - | Energy availability (kcal) |
| Diet high in processed meat | - | - | - | - | Energy availability (kcal), pigs per capita |
| Diet low in legumes | - | - | - | - | Energy availability (kcal) |
| Diet high in sugar-sweetened beverages | - | - | - | - | Energy availability (kcal), availability of sugar |
| Diet low in fibre | - | - | - | - | Energy availability (kcal) |
| Diet suboptimal in calcium | - | - | - | - | Energy availability (kcal) |
| Diet low in seafood omega-3 fatty acids | - | - | - | - | Lag distributed income, proportion landlocked area |
| Diet low in polyunsaturated fatty acids | - | - | - | - | Lag distributed income |
| Diet high in trans fatty acids | - | - | - | - |  |
| Diet high in sodium ${ }^{3}$ | - | - | - | - |  |

${ }^{1}$ Food Frequency Questionnaire
${ }^{2}$ Household Budge Survey
${ }^{3}$ For sodium, we used data from the 24-hour urinary sodium and 24-hour dietary recall.

Table 3: MR-BRT crosswalk adjustment factors for all dietary risks

| Dietary risk | Sex | Data input | Reference or alternative case definition | Gamma | Beta coefficient, log ( $95 \% \mathrm{Cl}$ ) | Adjustment factor* |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Calcium | --- | DR | Ref | 0.24 | --- | --- |
| Calcium | Female | FAO | Alt |  | 0.04 (0.04, 0.5) | 0.96 (0.64, 1.65) |
| Calcium | Female | FFQ | Alt |  | -0.04 (-0.04, 0.43) | 1.04 (0.59, 1.53) |
| Calcium | Male | FAO | Alt |  | 0.17 (0.17, 0.63) | 0.84 (0.73, 1.88) |
| Calcium | Male | FFQ | Alt |  | 0.09 (0.09, 0.55) | 0.91 (0.67, 1.74) |
| Fibre | --- | DR | Ref | 0.33 | --- | --- |
| Fibre | Female | FAO | Alt |  | 0.56 (0.56, 1.17) | 0.57 (0.93, 3.23) |
| Fibre | Female | FFQ | Alt |  | 0.27 (0.27, 0.88) | 0.76 (0.69, 2.41) |
| Fibre | Male | FAO | Alt |  | 0.55 (0.55, 1.17) | 0.57 (0.92, 3.22) |
| Fibre | Male | FFQ | Alt |  | 0.26 (0.26, 0.88) | 0.77 (0.69, 2.4) |
| Fruit | --- | DR | Ref | 0.76 | --- | --- |
| Fruit | Female | FAO | Alt |  | 0.36 (0.36, 1.83) | 0.7 (0.31, 6.21) |
| Fruit | Female | Sales | Alt |  | 0.73 (0.73, 2.19) | 0.48 (0.45, 8.98) |
| Fruit | Female | FFQ | Alt |  | -0.15 (-0.15, 1.32) | 1.17 (0.19, 3.73) |
| Fruit | Female | HHBS | Alt |  | 0.23 (0.23, 1.71) | 0.79 (0.27, 5.5) |
| Fruit | Male | FAO | Alt |  | 0.32 (0.32, 1.79) | 0.73 (0.3, 5.97) |
| Fruit | Male | Sales | Alt |  | 0.69 (0.69, 2.16) | 0.5 (0.43, 8.64) |
| Fruit | Male | FFQ | Alt |  | -0.19 (-0.19, 1.28) | 1.21 (0.18, 3.58) |
| Fruit | Male | HHBS | Alt |  | 0.19 (0.19, 1.66) | 0.83 (0.26, 5.27) |
| Legumes | --- | DR | Ref | 0.74 | --- | --- |
| Legumes | Female | FAO | Alt |  | -0.08 (-1.49,1.39) | 1.08 (0.22,4) |
| Legumes | Female | Sales | Alt |  | -0.9 (-2.31,0.56) | 2.47 (0.1,1.75) |
| Legumes | Female | FFQ | Alt |  | -0.53 (-1.94,0.95) | 1.7 (0.14,2.58) |


| Legumes | Male | FAO | Alt |  | 0.06 (-1.35,1.53) | 0.94 (0.26,4.61) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Legumes | Male | Sales | Alt |  | -0.76 (-2.16,0.7) | 2.14 (0.12,2.01) |
| Legumes | Male | FFQ | Alt |  | -0.39 (-1.79,1.09) | 1.47 (0.17,2.98) |
| Milk | --- | DR | Ref | 1.06 | --- | --- |
| Milk | Female | FAO | Alt |  | 0.27 (0.27, 2.57) | 0.76 (0.16, 13.01) |
| Milk | Female | Sales | Alt |  | 0.01 (0.01, 2.31) | 0.99 (0.13, 10.11) |
| Milk | Female | FFQ | Alt |  | 0.46 (0.46, 2.78) | 0.63 (0.18, 16.2) |
| Milk | Female | HHBS | Alt |  | -0.61 (-0.61, 1.69) | 1.84 (0.07, 5.4) |
| Milk | Male | FAO | Alt |  | 0.28 (0.28, 2.58) | 0.75 (0.17, 13.17) |
| Milk | Male | Sales | Alt |  | 0.03 (0.03, 2.33) | 0.97 (0.13, 10.23) |
| Milk | Male | FFQ | Alt |  | 0.48 (0.48, 2.8) | 0.62 (0.18, 16.43) |
| Milk | Male | HHBS | Alt |  | -0.59 (-0.59, 1.7) | 1.81 (0.07, 5.48) |
| Nuts | --- | DR | Ref | 1.58 | --- | --- |
| Nuts | Female | FAO | Alt |  | 0.49 (0.49, 3.63) | 0.62 (0.06, 37.68) |
| Nuts | Female | FFQ | Alt |  | -0.34 (-0.34, 2.76) | 1.41 (0.02, 15.75) |
| Nuts | Female | HHBS | Alt |  | -0.72 (-0.72, 2.42) | 2.06 (0.02, 11.27) |
| Nuts | Male | FAO | Alt |  | 0.6 (0.6, 3.73) | 0.55 (0.07, 41.65) |
| Nuts | Male | FFQ | Alt |  | -0.23 (-0.23, 2.87) | 1.26 (0.03, 17.58) |
| Nuts | Male | HHBS | Alt |  | -0.62 (-0.62, 2.54) | 1.85 (0.02, 12.66) |
| Omega-3 | --- | DR | Ref | 0.12 | --- | --- |
| Omega-3 | Male | FAO | Alt |  | -1.15 (-1.15, -0.92) | 3.16 (0.25, 0.4) |
| Omega-3 | Female | FAO | Alt |  | -1.01 (-1.01, -0.78) | 2.75 (0.29, 0.46) |
| Proc. meat | --- | DR | Ref | 1.21 | --- | --- |
| Proc. meat | Female | Sales | Alt |  | 0.79 (0.79, 3.14) | 0.46 (0.19, 23.07) |
| Proc. meat | Female | FFQ | Alt |  | -0.3 (-0.3, 2.25) | 1.35 (0.05, 9.49) |
| Proc. meat | Female | HHBS | Alt |  | -0.46 (-0.46, 1.89) | 1.59 (0.05, 6.63) |
| Proc. meat | Male | Sales | Alt |  | 0.95 (0.95, 3.3) | 0.39 (0.22, 27.03) |
| Proc. meat | Male | FFQ | Alt |  | -0.13 (-0.13, 2.42) | 1.14 (0.06, 11.2) |
| Proc. meat | Male | HHBS | Alt |  | -0.3 (-0.3, 2.06) | 1.35 (0.06, 7.82) |


| PUFA | --- | DR | Ref | 0.14 | --- | --- |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PUFA | Female | FAO | Alt |  | -0.14 (-0.14, 0.14) | 1.15 (0.65, 1.15) |
| PUFA | Female | FFQ | Alt |  | 1.05 (1.05, 1.43) | 0.35 (1.96, 4.18) |
| PUFA | Male | FAO | Alt |  | -0.18 (-0.18, 0.1) | 1.2 (0.62, 1.1) |
| PUFA | Male | FFQ | Alt |  | $1(1,1.38)$ | 0.37 (1.87, 3.98) |
| Red meat | --- | DR | Ref | 0.83 | --- | --- |
| Red meat | Female | FAO | Alt |  | 0.89 (0.89, 2.54) | 0.41 (0.45, 12.69) |
| Red meat | Female | Sales | Alt |  | 1.09 (1.09, 2.74) | 0.34 (0.54, 15.49) |
| Red meat | Female | FFQ | Alt |  | -0.34 (-0.34, 1.6) | 1.4 (0.11, 4.95) |
| Red meat | Female | HHBS | Alt |  | 0.45 (0.45, 2.1) | 0.64 (0.29, 8.18) |
| Red meat | Male | FAO | Alt |  | 0.89 (0.89, 2.54) | 0.41 (0.45, 12.66) |
| Red meat | Male | Sales | Alt |  | 1.09 (1.09, 2.74) | 0.34 (0.54, 15.43) |
| Red meat | Male | FFQ | Alt |  | -0.34 (-0.34, 1.6) | 1.4 (0.11, 4.94) |
| Red meat | Male | HHBS | Alt |  | 0.45 (0.45, 2.1) | 0.64 (0.29, 8.15) |
| Sodium | --- | Urinary sodium | Ref | 0.39 | --- | --- |
| Sodium | Female | DR | Alt |  | -0.02 (-0.02, 0.85) | 1.02 (0.38, 2.34) |
| Sodium | Female | FFQ | Alt |  | 0.47 (0.47, 1.29) | 0.63 (0.69, 3.64) |
| Sodium | Male | DR | Alt |  | -0.06 (-0.06, 0.8) | 1.06 (0.38, 2.23) |
| Sodium | Male | FFQ | Alt |  | 0.43 (0.43, 1.26) | 0.65 (0.67, 3.52) |
| SSBs | --- | DR | Ref | 0.61 | --- | --- |
| SSBs | Female | Sales | Alt |  | 0.15 (0.15, 1.43) | 0.86 (0.37, 4.17) |
| SSBs | Female | FFQ | Alt |  | -0.01 (-0.01, 1.32) | 1.01 (0.3, 3.75) |
| SSBs | Female | HHBS | Alt |  | -0.59 (-0.59, 0.68) | 1.8 (0.18, 1.98) |
| SSBs | Male | Sales | Alt |  | 0.35 (0.35, 1.63) | $0.7(0.45,5.1)$ |
| SSBs | Male | FFQ | Alt |  | 0.19 (0.19, 1.53) | 0.83 (0.37, 4.6) |
| SSBs | Male | HHBS | Alt |  | -0.39 (-0.39, 0.89) | 1.48 (0.22, 2.43) |
| Trans fat | --- | DR | Ref | 0.22 | --- | --- |
| Trans fat | Male | Sales | Alt |  | -0.23 (-1.27,0.94) | 1.25 (0.28, 2.55) |


| Trans fat | Female | Sales | Alt |  | -0.23 (-1.27,0.94) | 1.25 (0.28, 2.55) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Trans fat | Male | FFQ | Alt |  | 0.59 (-2.72,4.23) | 0.56 (0.07,68.72) |
| Trans fat | Female | FFQ | Alt |  | 0.86 (-2.63,4.9) | 0.42 (0.07,134.0) |
| Vegetables | --- | DR | Ref | 0.64 | --- | --- |
| Vegetables | Female | FAO | Alt |  | 0.12 (0.12, 1.33) | 0.89 (0.31, 3.78) |
| Vegetables | Female | Sales | Alt |  | 0.62 (0.62, 1.83) | 0.54 (0.51, 6.21) |
| Vegetables | Female | FFQ | Alt |  | -0.05 (-0.05, 1.16) | 1.05 (0.26, 3.18) |
| Vegetables | Female | HHBS | Alt |  | 0.1 (0.1, 1.31) | 0.91 (0.3, 3.69) |
| Vegetables | Male | FAO | Alt |  | 0.16 (0.16, 1.37) | 0.85 (0.32, 3.94) |
| Vegetables | Male | Sales | Alt |  | 0.66 (0.66, 1.87) | 0.52 (0.53, 6.49) |
| Vegetables | Male | FFQ | Alt |  | -0.01 (-0.01, 1.2) | 1.01 (0.27, 3.32) |
| Vegetables | Male | HHBS | Alt |  | 0.14 (0.14, 1.35) | 0.87 (0.32, 3.85) |
| Whole grains | --- | DR | Ref | 0.69 | --- | --- |
| Whole grains | Female | FAO | Alt |  | 1.94 (1.94, 3.37) | 0.14 (1.82, 29.05) |
| Whole grains | Female | FFQ | Alt |  | -0.35 (-0.35, 1.37) | 1.42 (0.13, 3.94) |
| Whole grains | Male | FAO | Alt |  | 2.09 (2.09, 3.52) | 0.12 (2.12, 33.76) |
| Whole grains | Male | FFQ | Alt |  | -0.2 (-0.2, 1.52) | 1.22 (0.15, 4.58) |

*Adjustment factor is the transformed beta coefficient in normal space and can be interpreted as the factor by which the alternative case definition is adjusted to reflect what it would have been if measured as the reference.

## Modelling strategy

## Exposure model

We use a spatiotemporal Gaussian process regression (ST-GPR) framework to estimate the mean intake of each dietary factor by age, sex, country, and year. In GBD 2019, we removed lag-distributed income as a covariate from most of our models and added country-level energy availability (Table 2).

To characterise the distribution of each dietary factor at the population level, we use an ensemble approach that separately fit 12 distributions for individual-level microdata to specific to each data source's sampled population. The respective goodness of fit of each family was assessed, and a weighting scheme was determined to optimise overall fit to the unique distribution of each risk factor. A global mean of the weights for each risk factor's data sources was created. We then determined the standard deviation of each population's consumption through a linear regression that captured the relationship between the standard deviation and mean of intake in nationally representative nutrition surveys using 24 -hour diet recalls:

$$
\ln (\text { Standard deviation })=\beta_{0}+\beta_{1} \times \ln \left(\operatorname{Mean}_{i}\right)
$$

Then we applied the coefficients of this regression to the outputs of our ST-GPR model to calculate the standard deviation of intake by age, sex, year, and country. We also quantified the within-person variation in consumption of each dietary component and adjusted the standard deviations accordingly.

## Theoretical minimum-risk exposure level

The dietary TRMELs were updated for GBD 2019. For harmful dietary risks other than sodium, TMREL was set to zero. For protective dietary risk factors, we first calculated the level of intake associated with the lowest risk of mortality from each disease endpoint based on the $85^{\text {th }}$ percentile of intake across all epidemiological studies included in the metaanalysis of the risk-outcome pair. Then we calculated the TMREL as the weighted average of these numbers using the global number of deaths from each outcome as the weight.

| Table 4. Theoretical minimum-risk exposure level for dietary factors, GBD 2017 and GBD 2019 |  |  |
| :--- | :--- | :--- |
| Dietary factor | GBD 2017 | GBD 2019 |
| Fruits | $200-300 \mathrm{~g} /$ day | $310-340 \mathrm{~g} /$ day |
| Vegetables | $290-430 \mathrm{~g} /$ day | $280-320 \mathrm{~g} /$ day |
| Whole grains | $100-150 \mathrm{~g} /$ day | $140-160 \mathrm{~g} /$ day |
| Nuts | $16-25 \mathrm{~g} /$ day | $10-19 \mathrm{~g} /$ day |
| Red meats | $0-27 \mathrm{~g} /$ day | $0 \mathrm{~g} /$ day |
| Processed meats | $0-4 \mathrm{~g} /$ day | $360-500 \mathrm{~g} /$ day |
| Milk | $350-520 \mathrm{~g} /$ day | $90-100 \mathrm{~g} /$ day |
| Legumes | $50-70 \mathrm{~g} /$ day | $0 \mathrm{~g} /$ day |
| Sugar sweetened beverages | $0-5 \mathrm{~g} /$ day | $7-9 \%$ of total daily energy |
| Polyunsaturated fatty acids | $9-13 \%$ of total daily energy | $430-470$ mg/day |
| Seafood omega-3 fatty acids | $200-300$ mg/day | $0 \%$ of total daily energy |
| Trans fatty acids | $0-1 \%$ of total daily energy | $21-22 \mathrm{~g} /$ day |
| Dietary fibre | $19-28 \mathrm{~g} /$ day | $1.06-1.1 \mathrm{~g} /$ day |
| Dietary calcium | $1.0-1.3 \mathrm{~g} /$ day | $1-5 \mathrm{~g} /$ day |
| Dietary sodium | $1-5 \mathrm{~g} /$ day |  |

## Relative risks

For GBD 2019, we performed systematic reviews for each dietary risk and its related outcomes. Using the sources identified during these searches, we incorporated the most recent epidemiological evidence assessing the relationship between each GBD dietary risk factor and related outcomes in our relative risk analysis. After evaluating all available evidence, we found sufficient evidence on the casual relationship for 8 new R-O pairs and insufficient evidence for 5 old R-O pairs. Based on these results, we updated the R-O pairs used the GBD dietary risk factor analysis in the following ways:

Removed:

Diet low in fruit and nasopharynx cancer
Diet low in fruit and other pharynx cancer
Diet low in fruit and oesophageal cancer
Diet low in fruit and larynx cancer
Diet low in whole grains and haemorrhagic stroke

## Added:

Diet low in whole grains and colon and rectum cancer
Diet high in red meat and breast cancer
Diet high in red meat and ischaemic heart disease
Diet high in red meat and haemorrhagic stroke
Diet high in red meat and ischaemic stroke
Diet low in fibre and ischaemic stroke
Diet low in fibre and haemorrhagic stroke
Diet low in fibre and diabetes mellitus

Additionally, based on the most recent epidemiological evidence and GBD 2019 newly developed methods for characterising the risk curve, we updated the dose-response curve of relative risks for all dietary risks. For sodium, we continued to estimate its effect on cardiovascular disease based on the effect of sodium on systolic blood pressure.

There is a well-documented attenuation of the risk for cardiovascular disease due to metabolic risks factors throughout one's life. To incorporate this age trend in the relative risks, we first identified the median age-at-event across all cohorts and considered that as the reference age group. We then assigned our newly estimated risk curves to this reference age group. Then, we derived the percentage change in relative risks between each age group and the reference age group by averaging percentage changes in relative risks of all metabolic mediators. The three cardiovascular disease outcomes for dietary risks are haemorrhagic stroke (including intracerebral hemmorhage and subarachnoid hemmorhage), ischaemic stroke, and ischaemic heart disease, and the effects of dietary risks on them are mediated through high systolic blood pressure, cholesterol (not included for haemorrhagic stroke), and fasting plasma glucose. Since the effect of diet is estimated independently of body-mass index (BMI) in the GBD, BMI was not included as a mediator in the RR age trend analysis.

## Citations

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## Cause of death estimation for peripheral arterial disease

 Estimation process for DALY
## Computing DALYs

To estimate DALYs for GBD 2019, we started by estimating cause-specific mortality and non-fatal health loss. For each year for which YLDs have been estimated, we computed DALYs by adding YLLs and YLDs for each age-sex-location. Uncertainty in YLLs was assumed to be independent of uncertainty in YLDs. We calculated 1000 draws for DALYs by summing the first draw of the 1000 draws for YLLs and YLDs and then repeating for each subsequent draw. 95\% Uls were computed by using the 25 th and 975 th ordered draw of the DALY uncertainty distribution. We calculated DALYs as the sum of YLLs and YLDs for each cause, location, age group, sex, and year. For more information, please refer to the following figure $A$.

Figure A. DALY burden estimation for GBD 2019



YLDs: Symptomatic
 claudication due to peripheral arterial disease

## Section 2: GBD 2019 Causes of Death database

Given that various aspects of the GBD model, such as the estimation of Causes of Death (CoD) and nonfatal outcome, are interlinked, the modeling process for PAD is not entirely standalone from other GBD disease models. Consequently, we provide a detailed outline of the general steps and procedures used for handling data for CoD and non-fatal outcome estimates.

## Section 2.1: CoD data identification ${ }^{1}$

## Section 2.1.1: Overview of data types

The CoD database contains seven types of data sources (table S4): vital registration (VR), verbal autopsy (VA), cancer registry, police records, sibling history, surveillance, survey/census, and minimally invasive tissue sample (MITS) diagnoses. In countries with complete VR systems, there is no need to use any other data source. Less than half the world's population has deaths captured in a VR system, therefore, for countries with incomplete VR systems, vital statistics for causes of death may be supplemented with other data types (appendix figure 3 ).

## Section 2.1.2: ICD-detail

A majority of the CoD data is VR data obtained from the World Health Organization (WHO) Mortality Database, a compilation of data submitted to the WHO by individual countries. VR is also obtained from country-specific mortality databases operated by official offices. Each cause is coded directly to the most detailed CoD when possible, whereas cause codes in data tabulated by International Classification of Disease (ICD-) are coded to aggregated cause groups. The CoD database contains 2,525 country-years of detailed data from 1980 to 2018, which includes underlying CoD coded with 3-5 digit codes, by country, year, sex, and age groups. Detailed causes are coded to one of the following ICDdetail coding systems: ICD-8, ICD-9, or ICD-10 (table S5). Each coding system has a similar cause hierarchy and cause list that has continually developed over time. ICD-10 is the current standard and the most exhaustive cause list. Within the cause lists, 5-digit codes are truncated to 4-digit codes to condense the lists. Updates to ICD-detail occur biannually as WHO releases new versions or as country collaborators provide additional data. Updates to data from WHO increasingly include ICD-10 CoD data as it is the most current classification of CoD, while updates to ICD-8 and ICD-9 detailed lists are less common. In the case of overlapping data, preference is given to data from pre-determined country collaborations, which are updated annually.

## ICD-tabulations list

The ICD tabulation lists include the ICD-8 List A (ICD-8A), ICD-9 Basic Tabulation List (BTL), ICD-10 Mortality Tabulation, Russia Tabulation, and India Medical Certification of Cause of Death (MCCD). These data sources make up 1096 country-years from 1980 to 2016 in the CoD database. All are condensed versions of the ICD-8, ICD-9 and ICD-10 detail lists with some differences in the format ©f \&ajusehists depending on the data source. ICD-8A, ICD-9 BTL, and ICD-10 Mortality Tabulation CoD are assigned to subtotal groups (referred to as chapters) and cause groups respective to ICD-detail groups. Additionally, ICD-9 BTL includes ICD-9 detail codes for some cancers and a custom tabulation scheme for the former Union of Soviet Socialist Republics (USSR) countries. The Russia Tabulation lists and India MCCD cause lists each have custom nomenclatures based on ICD-detail cause codes.

Two of the drawbacks in using tabulation lists are discrepancies in the accuracy of death counts and lack of detail due to aggregated cause groups. There are instances where the sum of deaths in chapter subtotals are not equal to the sum of cause groups within the chapter. To account for any missing or duplicate deaths reported within the cause groupings, death counts are systematically adjusted by calculating the differences between subtotals and sub-causes within the cause groups. Any differences are assigned to a remainder cause group. To account for the lack of cause code detail, select cause groups are disaggregated (Step 1.1) to create a complete cause list. Updates to ICD tabulation lists obtained from WHO occur less frequently compared to ICD-detailed lists as more countries are reporting deaths in ICD-detail. In instances of overlapping data, preference is given first to detailed collaborator data, followed by detailed WHO data, then tabulated collaborator data, and finally tabulated WHO data.

## China Disease Surveillance Points /China Center for Disease Control and Prevention

The two primary sources of data for China are surveillance data from the China Disease Surveillance Points (DSP) system and VR data collected by the Chinese Center for Disease Control and Prevention (CDC). In the China DSP data, deaths were reported across 145 disease surveillance points used from 1991 to 2003, 161 disease surveillance points from 2004 to 2012, and 605 disease surveillance points from 2013位2017: While China DSP with ICD-10 coding is considered sample VR data, it provides national coverage and cause detail. Thus, it receives similar processing and treatment to the China CDC VR from 2008 to 2016. From 2008 to 2017, all of the deaths and CoD information from the DSP system and other system points throughout China were collected and reported via the Mortality Registration and Reporting System, an online reporting system of the Chinese CDC. The deaths in these data are reported at the strata level, a metric that is specific to China. Counties are stratified by urban and rural classification, but definitions of urbanity vary across counties. In Step 7, we use a method developed to scale up deaths from strata level to the province level.

## Section 2.1.5: Sample registration system

Sample registration systems are expanding in several countries, and are key sources of data in Indonesia and India. The Sample Registration System (SRS) is a dual-record system wherein a resident part-time enumerator continuously records births and deaths in each household within the sample unit every month. A full-time SRS supervisor thereafter independently collects the vital events along with other related details for each of the preceding six month periods during the calendar year.

## Section 2.1.6: India Medical Certification of Cause of Death

The India MCCD has data for the urban parts of the majority of the states and union territories beginning in 1980. Deaths reported in this data source have been medically certified and are considered VR data. The CoD are reported in a tabulation list with a unique numbering scheme that conforms to ICD-9 and ICD-10 detail codes, which must be disaggregated. MCCD is state-split to fill in data gaps (Step 1.2 State Splitting) prior to age-sex splitting. Because SRS is widely considered a more credible assessment of CoD in India, we chose to use MCCD data only in certain cases for modelling with cause of death ensemble modelling (CODEm). We preserved MCCD data in the database for two primary reasons. First, where the three midpoint years of SRS data resulted in the loss of a clear time trend, as was the case for maternal mortality, we chose to preserve MCCD in addition to SRS. Second, MCCD has an advantage over SRS in cases where VA is not a valid instrument for ascertaining CoD, like encephalitis and dengue fever. In these cases, we kept MCCD over SRS.

## Section 2.2: Verbal autopsy ${ }^{1}$

Section 2.2.1: Verbal autopsy coded to ICD-10 and other lists
In countries without VR systems, VA studies are a viable data source to inform CoD. Data are obtained by trained interviewers who use a standardised questionnaire to ask relatives about the signs, symptoms, and demographic characteristics of recently deceased family members. CoD is assigned based on the answers to the questionnaires.

VA data are highly heterogeneous: studies use different instruments, different cause lists (from single causes to full ICD cause lists), different methods for assigning CoD, different recall periods, and different age groups. Cultural differences may also affect the interpretation of specific questions. CoD validity must be considered when mapping to a GBD cause. VAs are likely accurate in assigning CoD to road injury or homicide but less accurate for causes requiring medical certification, such as cardiovascular causes. Studies may also occur as stand-alone assessments or as part of an extended network, such as The International Network for the Demographic Evaluation of Populations and their Health (INDEPTH) Network ${ }^{6}$ - a continuous surveillance source with several Demographic Surveillance Systems sites that collect data coded to ICD-detail causes.

Section 2.2.2: InterVA-modelled verbal autopsy
InterVA (Interpreting Verbal Autopsy), a set of computer models intended to facilitate interpreting VAs, was found to be non-credible by the Population Health Metrics Research Consortium (PHMRC). ${ }^{7}$ As a result, InterVA-modelled VAs are typically excluded from our analysis because of low validations, except for injuries and maternal causes, used to fill gaps and stabilise patterns.

Section 2.2.3: Other data types

Section: 2.2.3.1 Maternal mortality data
In locations with low-quality, or no VR, maternal mortality metrics can be found in surveillance, surveys, census, and sibling history data sources. The best data have death counts due to maternal causes and the total number of deaths for women within the reproductive ages of 10-54 by year. If a data source is missing these components, creating a complete cause list is necessary by using live births and all-cause mortality deaths. ${ }^{8}$ Though death counts are the preferred metric, maternal mortality is often measured by using the maternal mortality ratio (MMR), which is easily converted to deaths by using live births. The China Maternal and Child Surveillance data is adjusted by scaling data from the strata to the province level (Step 7).

## Section: 2.2.3.2 Surveys and censuses reporting fraction of deaths due to selected injuries

Surveys and censuses are often used in countries with less developed VR systems; in countries with adequate VR, surveys and censuses are supplementary. Much like VAs, the CoD validity is a concern because of lack of medical certification at the time of death. For these data sources, we keep only causes related to maternal mortality and injuries. The remaining causes are accounted for as a remainder of total deaths in the sample size.

## Section 2.2.4: Police records

In most countries, police and crime reports are an important source of information for some types of injury deaths, notably road injuries and interpersonal violence. Our police data come from reports on road traffic and crime trends. The police reports used in this analysis were obtained from published studies, national agencies, and institutional surveys such as the United Nations (UN) Crime Trends survey and the UN Office on Drugs and Crime Global Study on Homicides. We assessed whether police reports were likely to be complete and to cover the entire country by comparing police trends with those seen in VR. Data are excluded in instances where police data for road traffic injuries are significantly lower than the VR. Police data that meet our inclusion criteria and provide complete coverage are uploaded to the database for use in road injuries and interpersonal violence deaths estimation.

## Section 2.2.5: Population-based cancer registries

## Section 2.2.5.1 Cancer registries with incidence

Data on cancer incidence were sought from individual population-based cancer registries as well as from databases that include multiple registries, including Cancer Incidence in Five Continents, NORDCAN, and EUREG. Cancer registries were identified through the membership list of the International Association of Cancer Registries, through the GBD collaborator network, through publications, or through the GHDx. Registries were excluded if they were not representative of the coverage population, if the data were limited to years prior to 1980, if the source did not provide details on the population covered, or if the list of cancer types included was not comprehensive for the age group covered. Beginning in GBD 2019, childhood cancer-specific population-based cancer registry data were sought and included.

Section 2.2.5.2 Cancer registries with incidence and high-quality mortality data

In addition to incidence, some high-quality cancer registries also report cancer mortality data. These data were also extracted and used as inputs to the mortality-to-incidence model.

## Section 2.3: Standardise input data (step 1) ${ }^{1}$

The input data to the CoD database are received in various formats and must be standardised to run through central CoD machinery to then upload to the database. Raw data inputs come from data sources such as mortality databases, literature reviews, or reports. Usable data sources must have a clear sample size of the number of deaths in the population and exhaustive cause lists. The complexity of the data cleaning process varies drastically across data sources. For VR microdata with the location, age, sex, year, and ICD-coded cause of every death, very little effort is necessary to standardise it into a consistent structure. Other sources may require weeks of careful review to accurately extract scans of hardcover CoD reports into spreadsheets that can be transformed and standardised.

At this point, data are assigned source identifiers so that they can be linked to the GHDx and cited appropriately. Any aggregate age and sex categories are flagged for age-sex splitting. The methods of cause-of-death assignment and data collection are reviewed to determine which source type to assign; for example, we distinguish sibling history data from surveys with a VA module. Only data at the most detailed level of the GBD location hierarchy are used. Documentation from the source is reviewed to determine if the population is representative of the location or only a subset of the population in that location. Data sources representing a subset of the population are flagged as non-representative; this flag is used by Cause of Death Ensemble modelling (CODEm) to increase the variance associated with such data points.

Finally, diagnostics are reviewed at this stage to avoid sending cleaning errors downstream. We review cause-specific deaths for each demographic group to ensure the data are reasonable. For example, it is unlikely that male breast cancer deaths are higher than female breast cancer deaths or deaths from neonatal causes occur in age groups over one year. All death totals are compared with the sum of causespecific deaths to ensure the observed deaths are accounted for and sample size is complete.

Section 2.3.1: Disaggregation (step 1.1)
CoD in tabulated VR data are condensed into aggregated groups, some of which can be mapped directly to GBD causes, while other aggregated cause groups are not informative and cannot be mapped to them. To correct for this, aggregated causes were mapped and split onto multiple ICD-8, ICD-9, and ICD-10 detail causes, or targets, based on the ICD groupings within the aggregated causes. ICD-8, ICD-9, and ICD-10 detail codes serve as targets because they are the highest-quality VR data and enable the calculation of proportions used to split the aggregated cause data into detailed causes. The proportions of deaths from nearby countries within the super-region were used to fill in data gaps as they were likely to have similar CoD trends.

We determined the targets based on detail causes missing from the tabulated cause list. For example, in ICD-9 BTL, the tabulated cause list includes a viral diseases group. In the hierarchy of causes, this group is comprised of "measles", "yellow fever", "encephalitis", "hepatitis", "rabies", "other infectious diseases", "garbage code", and "remainder of viral diseases". We did not consider this list to be an
exhaustive list of viral diseases based on the range of ICD-detail codes given in the ICD-9 BTL documentation. To make the cause list exhaustive and inclusive of other viral diseases, we split the remainder of the viral diseases group into "other meningitis", "other infectious diseases", "herpes", "dengue", "other neglected tropical diseases", and "garbage code". After a list of targets was determined, the aggregated deaths were disaggregated to the target causes by using ICD-8, ICD-9, and ICD-10 detail proportions generated at the super-region level for the corresponding sex and age groups across all years in the time series. For example, in ICD-9 detail data, $54.8 \%$ of deaths in males in Latin America and the Caribbean within the target group for the BTL "remainder of viral diseases" group were designated to "other meningitis." Thus, $54.8 \%$ of deaths in the tabulated group "remainder of viral diseases" were assigned to "other meningitis" for any country within that particular super-region. For any cause and demographic group for which we lacked ICD-detail, global proportions were used.

## Section 2.3.2: State splitting (step 1.2)

Two sources for CoD estimation in India are the MCCD report, which reports medically certified deaths from health facilities in mostly urban areas ${ }^{9}$, and the SRS, which collects information via VA about onehalf of $1 \%$ of the total population in India, including both urban and rural areas, from 8853 sampling units as of 2014. ${ }^{10}$ For MCCD, missing data impedes estimation of trends at the state level. We used a first-order, log-linear model of the four-way contingency table of deaths by sex, age, state, and year to estimate the missing state-years. We fit the model to all available data for MCCD separately for each cause, including state-specific all-age measurements and age-specific national measurements. From this, we produced estimates for each combination of sex, age, state, and year. We then used these estimates wherever the raw data did not include sex-specific, age-specific, and state-specific death counts.

For MCCD, the model was fit separately for ICD-10-based and ICD-9-based reports by using the tabulated cause list present in the data.

## Section 2.3.3: Calculate non-maternal deaths (step 1.3)

In cases when maternal mortality metrics do not include both deaths due to maternal causes and deaths due to non-maternal causes for women of reproductive age, live births and all-cause mortality estimates can be used to calculate deaths. Many studies report maternal deaths as the MMR. MMR is the number of maternal deaths per 100,000 live births and can be used to calculate deaths when it has been derived from primary data and not estimated. Maternal deaths were calculated by using MMR and live births; if live births were missing we substituted live birth estimates and used the following equation:

$$
\text { Maternal deaths }=\frac{M M R}{100,000} \times \text { Live births }
$$

If a study was non-representative, we extracted sample size and live births from that study. After maternal deaths were calculated, we used the difference from all-cause mortality estimates to determine non-maternal deaths.

A more accurate and data-inclusive method of calculating maternal and non-maternal deaths incorporates coverage and splits deaths for a range of years into individual years. If there were live births in the study, we adjusted the coverage.

$$
\text { Coverage }=\frac{\text { Live births }}{\text { GBD estimated live births }}
$$

After coverage was calculated, totals deaths were scaled to be more representative. This gives a more accurate death count since the envelope assumes representative coverage. We then calculated nonmaternal deaths by using all-cause mortality as an all-cause total.

$$
\text { Maternal envelope with coverage }=\text { Maternal envelope } \times \text { Coverage }
$$

An additional adjustment can be applied to maternal data spanning over a range of consecutive years, which allows for more data inclusion. The years within specified year ranges are separated into individual years, and total deaths within the year range were split between each individual year by using the fixed proportions of maternal deaths from VR in that particular country. We used only VR data to inform the proportions because it was both high-quality and representative.

## Section 2.4: Map to GBD cause list (step 2) ${ }^{1}$

In GBD 2019, we used 439 maps to translate causes found in the input data to the GBD 2019 cause list. This included 31 maps for VR data, 314 for VA data sources, and 98 for other data types. The largest, and most universal, maps used were those for ICD-9 and ICD-10 VR data. The input data causes varied from 3-4 digit ICD codes to custom cause lists with cause names such as "cholera" or "hepatitis". Our mapping process enabled us to compare these various data sources across demographic groups.

A crucial aspect of enhancing the comparability of data for cause of death is to deal with uninformative, so-called garbage codes. Garbage codes are codes to which deaths were assigned that cannot or should not be considered as the underlying cause of death, for example: heart failure, ill-defined cancer site, senility, ill-defined external causes of injuries, and septicaemia. In GBD 2019, we developed additional maps to translate ICD- codes found in the input data that are non-underlying causes to appropriate target codes based on the levels of the GBD cause list. These garbage codes were mapped to Levels 1-4 of the GBD cause list according to the following criteria:

1. Level 1 includes all garbage codes for which a Level 1 GBD cause cannot be directly assigned. For example, the underlying causes of "sepsis" or "peritonitis", if not specified in the data, could be an injury, a non-communicable disease, or a type of communicable disease. In these cases, deaths will be redistributed across all three of these Level 1 causes. In addition, deaths coded to impossible or illdefined causes of death (including "senility" and "unspecified causes") fall into this category, as they will be redistributed onto all causes.
2. Level $\mathbf{2}$ includes all garbage codes that can be assigned to Level 1 causes in the GBD cause list. This would include deaths coded to "unspecified injuries" (X59), which are redistributed onto all injuries.
3. Level 3 includes all garbage codes for which we know the Level 2 CoD and can redistribute onto Level 3 causes. This includes deaths coded to causes such as "unspecified cardiovascular disease", which falls within the Level 2 cause "cardiovascular diseases", as well as those coded to "unspecified cancer site", which falls within the Level 2 cause "neoplasms".
4. Level 4 includes all garbage codes for underlying causes of death that can be redistributed within a Level 3 cause. This includes garbage codes such as "unspecified stroke" or "unspecified road injuries."

## Section 2.5: Age-sex splitting (step 3) ${ }^{1}$

Different sources, particularly VA studies, report deaths for a wide range of age groups with varying intervals. For the analysis of CoD, we mapped these different age intervals to the GBD standard set of age groups. The approach to undertake this mapping was the same as in the prior GBD studies (GBD 2017, GBD 2016, GBD 2015, GBD 2013, and GBD 2010).

In the process of assembling a consolidated demographic database, we found that the aggregation of age groups is perhaps the strongest source of inconsistency. By convention, such data are reported in broad age groupings such as $0-4,5-14$, and $15-49$, or with both sexes together. The issue of comparability between age-sex groups arose when assembling the GBD CoD database. We developed a tool called age-sex splitting that takes aggregated age groupings and the "both sexes combined" grouping and divides them into what their constituent age groups would likely have been if respective cause-specific and country-specific age distributions had been used. The analytical framework for GBD includes three infant age categories: early neonatal ( $0-6$ days), late neonatal ( $7-27$ days), and postneonatal (28-364 days), and 20 non-infant age categories: 1-4 years, 5-9 years, and so forth proceeding in five-year age groups until the terminal age group of 95 years and older. We treat unknown ages and sexes in the same manner we treated the "all ages combined" age category and "both sexes combined" sex group. Through this process, we were able to directly compare all data sources on even terms.

The approach to age splitting is based on the following formula. The key assumption underlying this formula is that the relative risk of death by age group compared to a reference age group is invariant across populations. Although this assumption is likely violated in specific cases, a strong biologically based pattern of the relative risk of death for a cause by age is observed for most causes. The basic formula is as follows:

$$
D_{a}=R_{a} N_{a}\left(\frac{D_{a}^{a+x}}{\sum_{a}^{a+x}\left(R_{a} N_{a}\right)}\right)
$$

Where:
$D_{a}=$ the number of deaths from a cause in age group $a$
$R_{a}=$ global cause-specific mortality rate of age group $a$
$N_{a}=$ the country-year-sex-specific population in age group a

$$
D_{a}^{a+x}=\text { the number of deaths in the age group } a \text { to } a+x
$$

With the assumption of invariant relative risks of death by age with respect to a reference age group, this equation can be used, along with population distribution by age, to split an aggregate number of deaths for the age groups $a$ to $a+x$ into specific deaths for each age group within the aggregate interval.

$$
D_{a s}=R_{a s} N_{a s}\left(\frac{D_{a s}^{a+x, s}}{\sum_{a}^{a+x}\left(R_{a s} N_{a s}\right)}\right)
$$

Where:
$D_{a s}=$ the number of deaths from a cause in age group $a$, sex $s$
$R_{a s}=$ global cause-specific mortality rate of age group $a$, sex $s$
$N_{a s}=$ the country-year-sex-specific population in age group a for sex $s$
$D_{a, s}^{a+x, s}=$ the number of deaths in the age group $a$ to $a+x$ for sex $s$
In some cases, deaths are reported for an aggregate age group for both sexes combined. The task in this case is more complicated, but the same principle can be applied. In this case we assumed that the relative risks of death by age and sex are constant.

This equation can be used to split data aggregated by age and sex. The assumption, however, of invariant relative risks across age and sex is a stronger assumption. Fortunately, data pooled across sexes are less common in the published or unpublished CoD data.

The relative risk of death in a particular age group for a given sex is derived from the global distribution of cause-specific mortality rates found in available VR data. Location-years from the following code systems are used, provided they report the requisite age-detail and sex-detail: ICD-7, ICD-8, ICD-9 BTL, ICD-10 tabulated, ICD-9, and ICD-10. Upon compiling these data, we mapped them to GBD causes and aggregated up to cause Level 3 . This is the level at which a particular cause is splitthat is, any child cause of a Level 3 parent is split by using the age distribution of that parent (so, chronic kidney disease due to diabetes would be split by using the age pattern of chronic kidney disease).

We next adjusted separately for estimated adult and child VR completeness. Location-year-age-sexcause specific deaths and population were then aggregated across all location-years, to produce causespecific mortality rates by age and sex. These were used to determine the risk of death at any age relative to any reference age group, as shown in the above equations.

## Section 2.5.1: Correct age-sex violations

Occasionally, data sources include deaths by a cause for which medical consensus exists that death is impossible for the sex and age. For example, some number of deaths may be attributed to cervical cancer in males, or to maternal causes in children younger than 10 years. We have constructed a conservative list of age-sex restrictions. When deaths violate these restrictions, we redistribute them
proportionally onto all causes. All restrictions are included in table $\mathbf{S 5}$, Restrictions on age and sex by cause for GBD 2019.

## Section 2.6: Correction for miscoding of Alzheimer's and other dementias, Parkinson's disease, and atrial fibrillation and flutter (step 4) ${ }^{1}$

## Section 2.6.1: Objective

For certain causes of death, mortality rates reported in VR systems are impossible to reconcile with observed trends in disease prevalence and excess mortality. For dementia, Parkinson's disease, and atrial fibrillation and flutter, these disparities can largely be attributed to death certification practices. We sought to address the known bias in CoD data by first identifying the proportion of all deaths that should be assigned to these causes and next determining the GBD causes and garbage groups to which these deaths are being incorrectly assigned.

In past GBD iterations, we estimated Alzheimer's disease and other dementias, Parkinson's disease, and atrial fibrillation and flutter on the basis of longitudinal prevalence and excess-mortality data to help account for changing patterns in death certification and corresponding implausible time trends in many VR sources. This method was first implemented for Alzheimer's disease and other dementias in GBD 2013. We added atrial fibrillation and flutter to the causes modelled in GBD 2015 and Parkinson's disease to the causes modelled in GBD 2016 by using this strategy. All of these causes were processed in CoDCorrect in a manner that was agnostic to the likely targets of misclassification, which inappropriately led to changes in mortality estimates for causes unrelated to these three in GBD 2015. For GBD 2016, we improved this process by completing a literature review to identify the causes of death most closely associated with Parkinson's and Alzheimer's diseases ${ }^{11-14}$ and limiting the CoDCorrect adjustments to include only those causes. For GBD 2017, we refined this approach further by using multiple CoD data to determine the GBD causes and garbage codes from which we move deaths as well as the pattern of misclassification.

## Section 2.6.2: Correction process

Changes in coding practices for Alzheimer's diseases and other dementias, Parkinson's disease and Atrial fibrillation and flutter, cause results in spatial-temporal mortality trends that are incompatible with prevalence and case-fatality trends. These changes in coding practices are believed to be the result of shifting consensus in cause of death certification, meaning there is a bias in vital registration (VR) data that needs correction. For Parkinson's disease and atrial fibrillation and flutter, we first estimated excess mortality from prevalence and CoD data in countries with the highest ratio of cause-specific mortality to prevalence, which represents the greatest willingness to code to an under-coded cause. Then, using DisMod-MR 2.1 (see Section 4.5), we derived estimates of cause-specific mortality rates from available prevalence surveys as well as the estimates of excess mortality rate, applied across all countries and over time. We divide this value by the all-cause mortality rate to determine the fraction of overall mortality to attribute to each under-coded cause. For dementia, the modelling process was redesigned in 2019 to no longer depend on vital registration data from the highest dementia mortality locations. Instead, we used relative risk data from cohort studies to calculate total number of excess deaths due to dementia, and end-stage disease proportions from linked hospital to death records to subset these deaths to the proportion of excess deaths with end-stage conditions, which we attributed to dementia.

Finally, we used log-linear interpolation to interpolate final estimates of death due to dementia for the entire time series, and saved as a custom CoD model.

To ascertain the causes from which we would move deaths to under-coded causes, we leveraged multiple CoD data from the USA—by looking to the combinations of intermediate and immediate causes (ie, chain causes) present on death certificates with an under-coded cause listed as underlying, and identifying other causes with similar or identical chain causes, we can determine the expected pattern of miscoded deaths.

The first stage in this process is to parse out years we believe coding practices in the USA to be relatively stable. For dementia, this "gold standard" dataset features 2010-2015, for Parkinson's 2005-2015, and for atrial fibrillation and flutter 2014-2015. We then collect all deaths in those years with the undercoded cause listed as underlying and remove any mention of the under-coded cause from the death certificate. Next, for each unique chain, we search the entire time series of data (1980-2015) to identify the distribution of underlying causes that share that chain. The premise here is that if the diagnosis of dementia, Parkinson's, or atrial fibrillation and flutter were missed, the other causes listed on the death certificate would have been the basis for certification. We then reallocate the under-coded deaths by chain based on that alternative underlying cause distribution.

Upon iterating through all unique chains, we are left with a dataset excluding under-coded causes of death, each remaining cause able to be subdivided into correctly coded deaths and deaths that have been recoded from an under-coded cause by the process described (although not all causes are necessarily targeted by the recoding algorithm). The quantity of interest is the ratio of miscoded deaths to total deaths by cause, age, and sex in our counterfactual dataset.

We apply the ratios derived from the multiple cause data to all VR data to determine the local pattern of miscoding. In this way, the method is sensitive to the observed epidemiology of a given place and time. Then, we calculate the deficit in under-coded cause mortality for each location, year, age, and sex by taking the difference in the expected cause fraction based on prevalence and excess mortality compared to the proportion of deaths actually certified by the VR system. Finally, we scale the cause-specific miscoded deaths to match the deficit and then move them accordingly. We assumed that misclassification of actual dementia and Parkinson's deaths in past years occurred only for reported causes of death that might have plausibly been the direct result of dementia or resulted from misdiagnosis of other organic brain diseases based on clinical expert judgement. A similar assumption is used for atrial fibrillation and flutter, for which only cardiovascular causes and ill-defined garbage codes are considered.

Because the deaths being reallocated vary by location-year, we need a mechanism to ensure plausible limits to how many deaths are extracted from each GBD cause and garbage code. To achieve this, we first run the above-mentioned algorithm on all 5-star VR data (see Section 2.16 of this appendix for an explanation of the star data quality rating system). Then, we determine the 95th percentile of the proportion of deaths moved for each GBD cause and garbage code group by age and sex across locationyears among these data. Those values are subsequently stored and applied as the limits for deaths moved by this process.

## Section 2.7: Redistribute (Step 5) ${ }^{1}$

A crucial aspect of enhancing the comparability of data for CoD is to deal with uninformative, so-called garbage codes. Garbage codes to which deaths were assigned should not be considered as the underlying cause of death-for example: heart failure, ill-defined cancer site, senility, ill-defined external causes of injuries, and septicaemia. The methods for redistributing these garbage-coded deaths were outlined in detail in Naghavi et al, ${ }^{15}$ and the underlying algorithm for redistributing deaths assigned to these codes has not changed since GBD 2013.

## Section 2.7.1: Redistribute HIV-related garbage codes (step 5.1)

Because of the disparate nature of HIV/AIDS mortality across space and time, dynamic redistribution of HIV/AIDS-related garbage codes was needed (table S6). To inform this redistribution, we generated target proportions for each garbage group by age band (under 1 month, 1-59 months, $5-19$ years, 2049 years, 50-59 years, 60-69 years, 70-79 years, and 80 years and older), five-year time interval, and sex. The garbage groups either target HIV or a remainder target. The allotment of deaths to either of these is based on the regional increase in the mortality rate of all codes in the group relative to the rates seen from 1980 to 1984-an increase greater than $5 \%$ is assumed to be HIV/AIDS-related, and the proportion of those deaths exceeding 5\% are redistributed to HIV/AIDS. Any increase less than or equal to $5 \%$ is then assigned to the remainder target.

## Section 2.7.2: Regress garbage codes versus non-garbage codes (step 5.2)

For each redistribution package, we defined the "universe" of data as all deaths coded to either the package's garbage codes or the package's redistribution targets for each country, year, age, and sex. We then ran a regression based on the following equation separately for each target group and sex:

$$
T G_{c r t}=\alpha+\beta_{1} \text { Gar }_{c r t}+\beta_{2} \text { Age }_{c r t} \text { Gar }_{c r t}+\theta_{r} \text { Gar }_{c r t}+\gamma_{r}+\varepsilon_{c t}
$$

Where:
$T G_{c r t}=$ percentage of deaths within the given garbage code's universe that were coded to a given target group, by country

Gar $_{c r t}=$ percentage of deaths within the given garbage code's universe that were coded to a given set of garbage codes

Age $_{\text {crt }}=$ age interaction term for the fixed effect on the interaction of garbage and age
$\alpha=$ constant
$\beta_{1}=$ slope coefficient describing the association between $G a r_{c r t}$ and $T G_{c r t}$
$\beta_{2}=$ slope coefficient describing the association between the interaction $A g e_{c r t} G a r_{c r t}$ and $G_{c r t}$
$\gamma_{r}=$ region-specific random intercept (or super-region if the random effect on region is not significant)
$\theta_{r}=$ region-specific random slope (or super-region if the random effect on region is not significant)
$\varepsilon_{c t}=$ standard error, normally distributed and calculated by bootstrapping
This regression was adjusted from GBD 2013 to include fixed effects on the interaction of garbage and age to ensure smooth age patterns. We made this decision after investigating diagnostic visualisations that showed unlikely gaps between proportions assigned to different age groups.

Once proportions were produced for each country, sex, age, and target group, certain adjustments were made to conform our packages to the best medical evidence available. In some cases, we implemented restrictions on the proportions that the regressions could yield. For example, we did not allow any redistribution onto "Chagas disease" outside of Latin America and the Caribbean or "suicide" under the age of 15 years. In other cases, we capped the proportion for some targets to the level that would be produced from proportional redistribution; for example, "haemoglobinopathy" and "haemolytic anaemia" were restricted to the level of proportional redistribution in the redistribution of "left heart failure". Occasionally, further adjustments were made on a case-by-case basis per country, age, sex, and target group to suppress the impact of outliers based on existing epidemiological evidence and expert judgment.

In GBD 2019, we updated the regressions for stroke and diabetes. We dropped the proportion of garbage from the regression formula and ran regression on high-quality, low proportion garbage data ( $4 / 5$ stars, $<50 \% \mathrm{GC}$ ). We also included all covariates included in the CODEm models for both stroke and diabetes.

Section 2.7.3: Development of an algorithm for redistribution of garbage codes based on multiple CoD data
Multiple CoD data are a form of individual record causes of death data that include an underlying CoD along with other causes in the death chain, including intermediate and immediate causes. By analysing this type of data, we can sometimes find the true underlying CoD in other CoD data where the underlying cause is a garbage code or a mis-assigned CoD.

For GBD 2019, this method was expanded and used in redistribution of the following intermediate causes: sepsis, embolism (pulmonary and arterial), heart failure (left, right, and unspecified), acute kidney injury, hepatic failure, acute respiratory failure, pneumonitis, and unspecified central nervous system disorders. Using multiple CoD records for the USA, Mexico, Brazil, Taiwan (province of China), Italy, and Colombia we identified the fraction of deaths where the underlying cause of death and the intermediate cause was in the causal chain. Using a mixed effect linear regression, we estimated the fraction of intermediate-cause related deaths by underlying GBD cause. These fractions were multiplied by the GBD 2017 CoDCorrect result to calculate the number of deaths intermediate cause-related deaths for each GBD cause. Lastly, we calculated the "intermediate cause fraction", with total intermediate-cause related deaths as the denominator, by age, sex, location, year GBD cause. These fractions were used to redistribute the intermediate-cause-related deaths to a GBD cause. An example
is given below for sepsis where $a, s, l, y, c$ denotes a given age group, sex, location, year, and underlying cause of death:

1. sepsis fraction $=\beta_{\text {HAQ Index }}+\beta_{\text {age group }}+\beta_{\text {sex }}+Y_{\text {cause }}+\varepsilon$
2. sepsis deaths ${ }_{a, s, l, y, c}=$ sepsis fraction $a_{a, s, l, y, c} * G B D \operatorname{death}_{a, s, l, y, c}$
3. total sepsis deaths $s_{a, s, l, y}=\sum_{c}$ sepsis deaths $s_{a, s, l, y, c}$
4. fraction of sepsis to redistribute ${ }_{a, s, l, y}=\frac{\text { sepsis death }_{a, s, l, y, c}}{\text { total sepsis death }_{a, s, l, y}}$

To redistribute X59 and Y34 (unspecified injuries) deaths, we used a multi-step approach that utilised the pattern of nature of injury codes in the causal chain in the multiple CoD data. First, we looked at deaths where X59, Y34, and GBD injuries causes were the underlying cause of death and got the pattern of nature of injury codes in the chain. We then derived a cause-specific redistribution proportion based on the probability of a given pattern being coded to X59/Y34 or a GBD injuries cause and summing up these proportions for all patterns. An example below is given for X59:
5. $\quad P_{\left(\text {pattern }_{j} \mid U \operatorname{CoD} X 59\right)}=\frac{\# \text { of pattern }{ }_{j} \text { deaths } \mid \text { UCoD X59 }}{\sum_{j=0}^{m}\left(\# \text { of pattern }{ }_{j} \text { deaths } \mid \text { UCoD X59) }\right.}$
6. $P_{(G B D \text { injuries cause }}^{i} \mid$ pattern $\left._{j}\right)=\frac{\# \text { of UCoD GBD injuries cause }{ }_{i} \text { deaths } \mid \text { pattern }{ }_{j}}{\sum_{i=0}^{n}\left(\# \text { of UCoD GBD injuries cause }{ }_{i} \text { deaths } \mid \text { pattern }{ }_{j}\right)}$
7. redistribution proportion GBD injuries cause $_{i}=$ $\sum_{j=0}^{m}\left(P\left(\right.\right.$ pattern $\left._{j} \mid U C o D X 59\right) * P\left(G B D\right.$ injuries cause $_{i} \mid$ pattern $\left.\left._{j}\right)\right)$

Where:
pattern $_{\mathrm{j}}=$ a given nature of injury code pattern in the chain of the multiple CoD data

UCoD X59 = a death with X59 coded as the underlying cause of death (UCoD)

UCoD GBD injuries cause $_{i}=$ a death with a GBD injuries causes coded as the UCoD

We applied these cause-specific redistribution proportions on the data where X59/Y34 were the underlying cause of death to get the number of X59/Y34 deaths "attributable" to each GBD injuries cause. Then, for each GBD injuries cause in the multiple CoD data, we calculated the fraction of redistributed X59/Y34 deaths over the fraction of total injuries death for that cause and modelled this intermediate cause fraction using a mixed effects linear regression similar to the one mentioned above. Like mentioned above, these fractions were then multiplied by GBD 2017 CoDCorrect results, and the cause fractions for X59 and Y34 were calculated by age, sex, location, year, and GBD injuries cause, and then used to redistribute X59 and Y34 deaths to GBD injuries causes.

Additionally, multiple CoD data were used in the correction of the mis-assignment of deaths due to drug
overdoses to unintentional other poisoning. More than $90 \%$ of these types of poisonings are due to exposure to narcotics, psychodysleptics, and other drugs, specified or unspecified. More than $97 \%$ of these poisonings by substance or drug occurred in ages 15-65 years. These are clearly not cases of accidental ingestion of substances but rather deliberate ingestion and unintentional poisoning. Using multiple CoD records for the USA, Mexico, Brazil, Taiwan (province of China), Italy, Colombia, Australia, and various European countries from 1980 to 2017, we selected all deaths with underlying causes coded to X40-X44 (table A below). Table B shows the combination of other potential causes that can be found in the multiple CoD data for these underlying causes, and table A shows the ICD-10 codes corresponding to these causes. On the basis of Table B, we proportionally redistributed mis-assigned unintentional poisoning deaths to one of these causes. The main assumption behind this algorithm is the predominance of the fatality of some substances when a combination of drugs is considered. Given the combination of different drugs and substances in these codes, opium is the main cause of fatality. ${ }^{16,17}$ Other substances, like cocaine, methamphetamine, and alcohol in combination with cannabis are less likely to be dominant in fatality. ${ }^{18}$

For example, if the multiple CoD data show that $40 \%$ of deaths include opioid use disorders as an intermediate cause where the underlying cause is $\mathrm{X} 40-\mathrm{X} 44$, the redistribution proportion for opioid use disorders will be exactly $40 \%$ due to the dominance of the fatality of opioid use disorders compared to other drugs in the above table. Additionally, in our final results, cannabis and psychoactive and psychedelic drug use disorder deaths were mapped to other drug use disorders.

Table A. ICD-10 codes for substances or drugs used to assign deaths coded to an underlying cause of unintentional poisoning by using multiple CoD data

| Accidental poisoning codes | All X40, X41, X42, X43, X44 codes |
| :--- | :--- |
| Opioid Codes | T40.0, T40.1, T40.2, T40.3, T40.4, T40.6, F11.0, |
|  | F11.1, F11.2, F11.3, F11.4, F11.5, F11.6, F11.7, |
|  | F11.8, F11.9 |
| Amphetamine Codes | T43.6, F15.0, F15.1, F15.2, F15.3, F15.4, F15.5, |
|  | F15.6, F15.7, F15.8, F15.9 |
| Cocaine Codes | T40.5, F14.0, F14.1, F14.2, F14.3, F14.4, F14.5, |
|  | F14.6, F14.7, F14.8, F14.9 |
| Psychoactive and psychedelic drug | T40.8, T40.9, T43.6, F16.0, F16.1, F16.2, F16.3, |
|  | F16.4, F16.5, F16.6, F16.7, F16.8, F16.9 |
| Alcohol Codes | T51.0, F10.0, F10.1, F10.2, F10.3, F10.4, F10.5, |
|  | F10.6, F10.7, F10.8, F10.9 |
| Cannabis Codes | T40.7, F12.0, F12.1, F12.2, F12.3, F12.4, F12.5, |
|  | F12.6, F12.7, F12.8, F12.9 |

Table B. Multiple cause of death selection algorithm used for redistributing unintentional poisoning causes of death to substance or drug use cause of death

| Selection Algorithm |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :---: |
|  | Opioids | Cannabis | Cocaine | Amphetamines | Alcohol | Psychoactive and <br> psychedelic drugs |  |
| Opioids | Opioids | Opioids | Opioids | Opioids | Opioids | Opioids |  |


| Cannabis | Opioids | Cannabis | Cocaine | Amphetamines | Alcohol | Psychoactive and <br> psychedelic drugs |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Cocaine | Opioids | Cocaine | Cocaine | Amphetamines <br> + cocaine | Cocaine + <br> alcohol | Cocaine |
| Amphetamines | Opioids | Amphetamines | Amphetamines <br> + cocaine | Amphetamines | Amphetamines <br> + alcohol | Amphetamines |
| Alcohol | Opioids | Alcohol | Cocaine + <br> alcohol | Amphetamines <br> + +alcohol | Alcohol | Psychoactive and <br> psychedelic drugs |
| Psychoactive <br> and psychedelic <br> drugs | Opioids | Psychoactive <br> and psychedelic <br> drugs | Cocaine | Amphetamines | Psychoactive <br> and psychedelic <br> drugs | Psychoactive and <br> psychedelic drugs |

Multiple CoD data were only available to us for the USA, Mexico, Brazil, Taiwan (province of China), Italy, Colombia, Australia, and various European countries. Because of this limited sample, we applied the result from the multiple CoD analysis from each country to its respective super-region and used global proportions for sub-Saharan Africa. We hope for increased availability of multiple CoD data in future analyses to achieve a more precise distribution for more locations.

Section 2.7.4: Verbal autopsy anaemia adjustment (step 5.3)
To compensate for the over-representative cause fractions from anaemia found in VA studies, we redistributed these deaths based on the causal attribution of severe anaemia from GBD 2015. The proportions were country-year-age-sex specific.

## Section 2.7.5: Calculate redistribution uncertainty (step 5.4)

We categorised garbage codes into four levels in order of increasing specificity (see Section 2.4). Some garbage codes are redistributed on all causes (eg, unspecified causes of death) and others are only redistributed onto specific causes (eg, unspecified cancer). Major garbage refers to garbage codes in Levels 1 or 2 . Because of the variation in redistribution, estimating uncertainty from garbage redistribution for CODEm modelling was an important goal for GBD 2019.

We assigned redistribution variance to each data point in the CoD database by calculating residual variance from a regression predicting the percentage of garbage coded deaths redistributed to a cause, given the proportion of garbage codes we observed for that location, year, age, sex, cause, and the age standardised relative rate of major garbage codes across all causes. If there is a cause that has greater residual variance, we assume greater redistribution uncertainty.

The two model inputs are the observed percentage of Levels 1, 2, and 3 garbage codes (by cause, age, sex, location, and year) in redistributed CoD data and the percentage of garbage codes in the raw data (calculated as the age standardised mortality rate ratio of major garbage coded deaths to all deaths in the raw data by location, year, and sex). Level 4 garbage codes were excluded from the model to avoid over estimating uncertainty in countries with high percentages of major garbage codes. Additionally, the classification of Level 4 garbage codes is not stable between successive GBD rounds-for example, "unspecified diabetes" was not a garbage code in GBD 2016, and in GBD 2017 was re-classified as a

Level 4 garbage code to permit estimation of diabetes by type. These deaths are still taken into account later in the uncertainty estimation process. The model predicts the percentage of garbage coded deaths redistributed to a cause, given the proportion of garbage codes we observed for that location, year, age, sex, cause, and the age standardised relative rate of major garbage codes across all causes. From this model, we calculate residual variance. It is important to note that the variance here is a measurement of uncertainty of redistribution, not of the level of miscoding in the raw CoD data for a given demographic.

To calculate variance, a dataset was generated that contained percent garbage by location, year, age, sex, and cause, where percent garbage is determined by the equation

$$
p c t_{\text {garbage }}=\frac{\text { deaths }_{\text {redistributed }}-\text { deaths }_{\text {raw }}}{\text { deaths }_{\text {redistributed }}}
$$

A mixed-effect linear regression model was then fit to predict the logit percent of deaths from redistribution by age-standardised relative rate of major garbage codes.

$$
\left.\begin{array}{l}
\operatorname{logit}^{\text {pct } \left._{\text {garbage }_{i j}}\right)} \\
\qquad=\beta_{0}+\beta_{1} * \log \left(\text { ASR }_{\text {majorgarbage }_{i j}}\right)+\beta_{2} * 15 \text { yearage }_{i j}+\gamma_{1 j} \\
* \log \left(\text { ASR }_{\text {majorgarbage }}^{i j}\right.
\end{array}\right)+u_{j}+e_{i j}, \quad \theta_{\{i\}} \sim N\left(0, \sigma^{2}\right)
$$

Where:
$i$ indexes dataset-location-year-age-sex-cause data points nested within $j$ groups by GBD region
$A S R_{\text {majorgarbage }}^{i j}$ is age-standardised relative rate of major garbage
Residual variance, as estimated by the mean absolute deviation, was calculated for each cause, sex, and age.

The next step was to use the residual variance to calculate uncertainty around each data point in the CoD database. First, we calculated the percent garbage of each data point by treating all deaths that could not be directly mapped to a GBD cause as garbage, including Level 4 garbage codes. Percent garbage was calculated as

$$
p c t_{\text {garbage }}=\frac{\text { deaths }_{\text {redistributed }}-\text { deaths } s_{\text {corrected }}}{\text { deaths } s_{\text {corrected }}}
$$

Where:
death $s_{\text {corrected }}:$ deaths post misdiagnosis correction (Section 2.6)
deaths $s_{\text {redistributed }}$ : deaths post redistribution (Section 2.7)

Residual variance was matched to each data point and 100 draws were sampled from a normal distribution by using the cause, age, sex, specific residual variance, and mean of 0 . The logit transformed
percent garbage was added to each value in the distribution. Each draw was then transformed out of logit space, and the post-redistribution deaths were calculated as

$$
\text { deaths }=\frac{\text { deaths }_{\text {corrected }}}{1-\text { pct_garbage }}
$$

Draws of deaths were processed through noise reduction before calculating the final redistribution variance passed to CODEm, which was added to the total data variance. The mean of the draws was not used as the final estimate because it was found that the logit transformation biased the distribution of cause fractions higher. Instead, only point estimates were used.

## Section 2.8: HIV/AIDS misclassification correction (step 6) ${ }^{1}$

In many location-years, certain causes of death known to be comorbid with HIV/AIDS (eg, tuberculosis, other infectious diseases) are seen to have age patterns that diverge from those observed in locationyears without widespread HIV epidemics and are in fact more reflective of HIV mortality trends. To identify these instances, a global relative age pattern is generated by using all VR deaths in countries with observed HIV prevalence less than $1 \%$ by using the following equation

$$
R R_{a s c}=\frac{R_{a s c}}{\bar{x}\left(R_{65 s c}, R_{70 s c}, R_{75 s c}\right)}
$$

Where:
$R R_{\text {asc }}$ is the relative death rate for age group $a$, sex $s$, cause $c$;
$R_{a s c}$ is the rate for that age group
$\bar{x}\left(R_{65 s c}, R_{70 s c}, R_{75 s c}\right)$ is the mean of the rates in ages $65-69,60-74$, and $75-79$ for that sex and cause.

This is preferable to comparing mortality rates because we are able to isolate divergence in age pattern while accounting for varying levels of overall mortality by fixing death rates to age groups that are unlikely to be confounded by the presence of HIV. Expected deaths for an identified cause were then determined by the equation

$$
E D_{l y a s c}=\bar{x}\left(R_{l y 65 s c}, R_{l y 70 s c}, R_{l y 75 s c}\right) \times p_{\text {lasc }} \times R R_{a s c}
$$

Where:
$E D_{\text {lasc }}$ are deaths for location $I$, year $y$, age group $a$, sex $s$, and cause $c$;
$\bar{x}\left(R_{l 65 s c}, R_{l 70 s c}, R_{l 75 s c}\right)$ is the mean of the rates for ages 65-69, 60-74, and 75-79 for that location-year-sex-cause;
$p_{\text {lasc }}$ is the population for that location-year-age-sex-cause
$R R_{a s c}$ is the global standard relative rate determined in the previous step for that age-sexcause.

The expected deaths remain attributed to that particular cause, while the difference between observed and expected are reallocated to HIV/AIDS.

## Section 2.9: Scale strata to province (step 7) ${ }^{1}$

Over time, a higher proportion of deaths have been registered in China through the expansion of the DSP system and provincial/county efforts to increase CoD registration. With the expansion of coverage, it is possible that province aggregates do not accurately represent the population distribution between urban and rural areas in each year. For this reason, we stratified the data preparation by urban and rural status for each county within each province. Stratification was based on the median level of urbanisation across counties within each province as recorded in the 2010 China census. In the provinces of Tibet and Hainan, all counties were placed into one strata based on largely homogeneous urbanisation levels within each province. This yielded a total of 62 analytical provincestrata. Macao and Hong Kong were not included in this stratification system as the VR systems there are independent from that on the mainland; no weighting scheme needs to be carried out in these complete VR systems with quality CoD data.

Within each province-strata, a larger proportion of deaths in-hospital might be reported than that of deaths outside of hospital because of the internet hospital reporting system. To avoid bias, we reweighted in-hospital and out-of-hospital deaths based on the age-sex-province-specific fraction of deaths in and out of hospital in the DSP system. DSP data have been used to establish these percentages because in these communities, there is a concerted effort to identify all out-of-hospital deaths. Province-strata death rates are combined to produce overall province death rates by weighting each strata by population in each age-sex-year group. Province death rates are rescaled so that allcause mortality equals the estimated death rate in each age-sex-year estimated in the life-table analysis. The Bayesian noise reduction algorithm was used to deal with zero counts and small number issues for rare causes. ${ }^{18}$

## Section 2.10: Restrictions post-redistribution (step 8) ${ }^{1}$

Some causes of death can only be reliably assigned through an autopsy by a trained physician. For example, a VA would be unlikely to reliably distinguish between ischaemic and haemorrhagic stroke.

This step ensures that the detail of the cause list at this point in the data prep process is reasonable given the detail of the original data source and the methods by which the CoD was assigned. A "bridge map" is applied over a certain set of sources to ensure that these sources do not contain causes that could not reliably be determined by the methods used. These causes, identified to be too detailed, are then aggregated to their parent cause. This correction is applied to ICD-9 detail, ICD-9 BTL, ICD-10 tabulated, ICD-8 detail, ICD-8 A, China DSP (tabulated ICD-9), India MCCD, India SRS, USSR tabulated ICD-9, the Philippine Vital Statistics Reports, Iran ICD-10 VR from the Ministry of Health and Medical Education, and all VA. An example of this would be the aggregation of all sub-types of lower respiratory infection to lower
respiratory infection in ICD-9 BTL.

## Section 2.11: Drop VR country years or mark as non-representative (step 9) ${ }^{1}$

Lozano and colleagues ${ }^{20}$ describe the negative impact that low-completeness VR data could have on CoD modelling for GBD 2010. In particular, in settings where a data source does not capture all deaths in a population, the cause composition of deaths captured might be different from those that are not. However, a completeness sensitivity test found that low-completeness VR data had little impact on the cause-specific mortality trends at the global level.

For GBD 2019, we investigated the impact of these data at the country and subnational and determined that these data produced unlikely trends in the models affected. Despite the minimal impact on global trends, better models were produced by eliminating or marking as non-representative data with extremely low completeness. VR completeness was estimated as the number of deaths registered divided by the number of deaths estimated in the GBD mortality envelope.

For this round, VR location-years with completeness less than $50 \%$ were dropped, while location-years with completeness between $50 \%$ and $69 \%$ were marked as non-representative.
In addition, any country-year with a number of deaths registered to major garbage codes greater than $50 \%$ of the deaths registered was dropped. Major garbage coding refers to garbage codes redistributed across Levels 1 and 2 of the cause hierarchy. When we redistribute garbage codes across Levels 1 and 2 of the cause hierarchy, this is because we do not have enough information to distribute them to more detailed Levels [3 and 4].

## Section 2.12: Cause aggregation (step 10) ${ }^{1}$

The cause list is organised in a top-down hierarchical format containing four levels. The first group, or Level 1 , sums all causes. Following all-cause mortality are Level 2 causes, which include three broad groupings of causes of deaths: "communicable, maternal, neonatal, and nutritional diseases"; "noncommunicable diseases"; and "injuries". Within those Level 2 groupings are finer levels used for modelling. Level 3, or parent causes, are aggregated; the mortality estimate for a parent cause in the hierarchy represents the sum of the causes under that rubric. Sub-causes within Level 3 causes-Level 4-are more detailed. For example, the parent cause "intestinal infectious diseases" contains the three sub-causes: "typhoid fever", "paratyphoid fever", and "other intestinal infectious diseases". Included in the parent cause estimate are deaths mapped directly to the parent and any Level 4 sub-causes. In data where there was not enough information to assign a Level 4 cause, we aggregated to the Level 3 parent cause. Exceptions to aggregating the Level 4 sub-causes to the parent are instances when certain subcauses are not present. The United Nations Crime Trends police data only identify homicides, and aggregating homicides to injuries would not accurately represent all injuries.

## Section 2.13: Remove shocks and HIV/AIDS maternal adjustments (step 11)1

For GBD 2019, CODEm models use an HIV/AIDS- and shock-free envelope. To be comparable, cause fractions must also be HIV/AIDS- and shock-free. Cause fractions were uploaded to the CoD database as the number of deaths due to the cause over an adjusted sample in which the number of deaths due to "HIV/AIDS", "conflict and terrorism", "police conflict and executions", and "exposure to forces of nature"
were removed.

Section 2.13.1: Remove HIV/AIDS and shocks from denominator where cause list includes HIV/AIDS (step 11.1)

The first step to generate HIV- and shock-free cause fractions was to remove any deaths from the sample that were directly coded to "HIV/AIDS", "collective violence and legal intervention", or "exposure to forces of nature". The cause fraction uploaded to the database can be calculated by a simple equation.

$$
C F_{l, t, a, x, c}=\frac{D_{l, t, a, x, c}}{D_{l, t, a, x}-D_{l, t, a, x, \text { hiv }}-D_{l, t, a, x, w a r}-D_{l, t, a, x, \text { disaster }}}
$$

Where:
$C F_{l, t, a, x, c}$ is the cause fraction for a location $I$, year $t$, age $a$, sex $x$, and cause $c$
$D_{l, t, a, x, c}$ is the number of deaths observed for cause $c$ in location $I$, year $t$, age $a$, and sex $x$
$D_{l, t, a, x}$ is the total number of deaths due to all causes observed in location $I$, year $t$, age $a$, and $\operatorname{sex} x$
$D_{l, t, a, x, h i v}, D_{l, t, a, x, \text { war }}$, and $D_{l, t, a, x, \text { disaster }}$ are the numbers of deaths observed in location $I$, year $t$, age $a$, and sex $x$ for causes "HIV/AIDS", "collective violence and legal intervention", and "exposure to forces of nature", respectively

Cause fractions for HIV/AIDS and shock causes were also uploaded to the database for use in separate estimation processes described by Wang et al. ${ }^{21}$ In this case, cause fractions followed the standard equation, with variables following the same explanation.

$$
C F_{l, t, a, x, c}=\frac{D_{l, t, a, x, c}}{D_{l, t, a, x}}
$$

## Section 2.13.2: Remove HIV/AIDS deaths from maternal mortality sources (step 11.2)

HIV-free cause fractions were also uploaded for sources on mortality due to maternal causes. In these cases, the sample of all deaths observed in the study is likely to contain some amount of deaths due to HIV/AIDS and shocks, but the sample only includes cause information on maternal deaths. To account for the presence of HIV/AIDS and shocks in the entire sample, we assumed the same proportion of total deaths due to HIV/AIDS by location, age, sex, and year as provided from the estimation of HIV/AIDS and all-cause mortality described by Wang et al. ${ }^{21}$

Maternal mortality studies were only corrected for HIV/AIDS if the sample of total deaths was provided in the data source. Where sources provided only the MMR, we applied the rate to the HIVand shock-free envelope produced by the analysis described in Wang et al. ${ }^{21}$ and thus did not need to adjust cause fractions at this point in the process.

Where a correction was applied, we used the following equation:

$$
C F_{l, t, a, x, \text { mat }}=\frac{D_{l, t, a, x, \text { maternal }}}{D_{l, t, a, x, \text { maternal }}+\frac{E\left[D_{l, t, a, x, \text { hiv_shock_free }]}\right.}{E\left[D_{l, t, a, x}\right]} D_{l, t, a, x, \text { non-maternal }}}
$$

Where:
$C F_{l, t, a, x, m a t}$ is the resulting cause fraction due to maternal causes for the location $(l)$, year $(t)$, age (a), sex ( $x$ );
$D_{l, t, a, x, \text { mat }}$ is the number of observed deaths in the sample due to maternal causes
$D_{l, t, a, x, n o n-m a t e r n a l}$ is the number of observed deaths in the sample due to non-maternal causes
$E\left[D_{l, t, a, x}\right]$ is the GBD estimate of all-cause mortality in the location, year, age, and sex
$E\left[D_{l, t, a, x, \text { hiv_shock_free }}\right]$ is the GBD estimate of HIV- and shock-free mortality in the location, year, age, and sex

## Section 2.13.3: HIV/AIDS correction of sibling history, census, and survey data (step 11.3)

As described in our analysis from GBD 2013, many studies have failed to find increased mortality in HIV+ pregnant mothers, but those who have advanced HIV are known to have increased baseline mortality. Prior to GBD 2013, we did not distinguish between deaths in HIV+ women that were caused by pregnancy and those for whom the pregnancy was incidental to their death. To more explicitly quantify the contribution of pregnancy to death in HIV+ women, and therefore more accurately estimate the maternal death count, we completed two additional analyses for GBD 2013 and all subsequent GBD analyses. First, we determined the population attributable fraction (PAF) of HIV/AIDS to pregnancy-related death. Second, we determined the proportion of pregnancy-related deaths in HIV+ pregnant mothers that are aggravated by pregnancy and are therefore by definition maternal deaths.

$$
P A F=\frac{P(R R-1)}{1+P(R R-1)}
$$

Where:
$P A F$ is the population attributable fraction
$P$ denotes the prevalence of HIV in pregnancy
$R R$ is relative risk of mortality in HIV+ vs HIV- pregnant mothers.
To recap our analysis for GBD 2013, we used the paper published by Calvert and Ronsmans ${ }^{22}$ to identify sources that could inform Step 1 of our HIV-correction analysis. We independently reviewed each of
the component studies in Calvert and Ronsmans' review and extracted data directly, not from the systematic review paper. We identified only one additional study that was not used in Calvert and Ronsmans' analysis. We have, however, not used all the studies included in that review. Specific details are as follows:

1) Figueroa-Damian et al. ${ }^{23}$ was excluded for not including any postpartum deaths at all.
2) In the case of Ryder et al. ${ }^{24}$ and Zvandasara et al. ${ }^{25}$ we excluded those deaths that occurred more than 12 months after delivery.
3) We excluded the results from Chilongozi et al. ${ }^{26}$ from the site that did not include any HIVpatients.
4) Leroy et al. ${ }^{27}$ was not in the bibliography. We could not locate it for review so it was excluded.
5) Kourtis et al. ${ }^{28}$ was extracted with adjustment of the denominator based on the average number of hospitalisations per delivery in each group.
6) Ticconi et al. ${ }^{29}$ was excluded for being both non-representative and including subgroup data from mothers with malaria infection.

A total of 21 sources were included in our analysis of the increased mortality risk of HIV+ versus HIVwomen in pregnancy. ${ }^{30}$ We performed DerSimonian-Laird random effects meta-analysis to derive a pooled estimate of $R R$ of death during pregnancy given HIV positivity. ${ }^{31}$ The pooled effect size was $6 \cdot 40$ (95\% uncertainty interval [UI] 3-98-10•29), which was then used to calculate an HIV PAF for each country, age group, and year. To determine the proportion of those HIV-related deaths that were attributable to maternal causes, we performed a second systematic literature review. This time we sought evidence for the excess mortality risk of pregnancy in those women who are already HIV+. Most studies have failed to find such an effect, but most also did not stratify their study population by stage of HIV or ART (antiretroviral therapy) status. Only two studies did this stratification, with a pooled effect size of 1.13 (95\% UI 0•73-1•77). ${ }^{32,33}$

An updated literature review to inform the relative risk of mortality in pregnancy in HIV+ versus HIVwomen had 14 non-usable sources. We completed this search on May 10, 2019, using the following search strings:
( ( HIV[Title/Abstract] OR "Acquired Immunodeficiency Syndrome"[Title/Abstract] OR AIDS[Title/Abstract] ) AND ( "pregnant"[Title/Abstract] OR "pregnancy"[Title/Abstract] OR "postpartum"[Title/Abstract] OR "post partum"[Title/Abstract] ) AND ("mortality"[Title/Abstract] OR "death"[Title/Abstract] ) NOT "case report" NOT ( animals[MeSH] NOT humans[MeSH] )

AND (2016/08/15[PDat] : 3000/12/31[PDat] ) )

Prevalence of HIV in pregnant women was calculated by using the Joint United Nations Programme on HIV and AIDS (UNAIDS) Spectrum model, ${ }^{34}$ a compartmental HIV progression model used to generate agespecific incidence, prevalence, and death rates from pre-calculated incidence curves and assumptions about intervention scale-up and local variation in epidemiology. For each location, we used UNAIDS' agespecific ratios of fertility in women living with HIV to fertility in women not living with HIV. In most locations, this ratio is assumed to be greater than one in women aged 15-24 years and less than one and decreasing as age increases beyond 24 years. Since Spectrum assumes fertile ages of 15-49 years, we used the ratio of HIV prevalence in pregnant women to HIV prevalence in the general population at either end of that range to extend estimates to age bands 10-14 years and 50-54 years.

Unlike GBD 2013, when we applied the PAF correction to the envelope of maternal deaths predicted by CODEm, we instead applied country-year-age-group-specific $P A F$ to maternal mortality input data prior to modelling in CODEm. This ensured that both the numerator and denominator of all $C F$ data were internally consistent in their exclusion of background HIV/AIDS mortality. The cause fractions for maternal deaths in sibling history, survey, and census data were therefore adjusted as follows:

$$
\begin{gathered}
C F_{l, t, a, x, \text { mat }}^{a d j} \\
=C F_{l, t, a, x, \text { mat }} \times\left(1-\operatorname{ProP}_{\text {hiv }_{l, t, a, x}}\right) \\
\operatorname{Pro}_{\text {hiv }_{l, t, a, x}}=P A F_{l, t, a, x, \text { hivpos }} \times\left(1-r r_{\text {mat }}\right) \\
C F_{l, t, a, x, \text { mat }_{\text {hiv }}}=C F_{l, t, a, x, m a t} \times \text { ProP }_{\text {maternalhiv }}^{l, t, a, x} \\
\text { ProP }_{\text {maternalhiv }_{l, t, a, x}}=P A F_{l, t, a, x, \text { hivpos }} \times r r_{\text {mat }}
\end{gathered}
$$

Where:
$C F_{l, t, a, x, m a t}=$ The proportion of deaths due to all maternal causes before HIV/AIDS correction for the location, year, age, and sex.
$C F_{l, t, a, x, m a t_{a d j}}=$ The proportion of deaths due to maternal causes after the adjustment for the location, year, age, and sex.
$C F_{l, t, a, x, m a t_{\text {hiv }}}=$ The proportion of deaths due to maternal deaths aggravated by HIV/AIDS after the adjustment for the location, year, age, and sex.
$P A F_{l, t, a, x, \text { hivpos }}=$ The PAF that describes the percentage of all maternal deaths that were HIVrelated for the location, year, age, and sex

ProP hiv $_{l, t, a, x}=$ The proportion of deaths in pregnancy for the location, year, age, and sex that are estimated to be incidental deaths due to HIV/AIDS and therefore not a maternal CoD.

ProP $_{\text {maternalhiv }}^{l, t, a, x} 10$ The proportion of deaths in pregnancy for the location, year, age, and sex that are estimated to be HIV+ and maternal deaths that are aggravated by HIV/AIDS.
$r r_{\text {mat }}=0.13 / 1.13=$ The proportion of HIV/AIDS deaths during pregnancy that were exacerbated by the pregnancy.

## Section 2.13.4: HIV/AIDS correction of other maternal mortality data (step 11.4)

Although a specific subset of codes in ICD-10 corresponds to HIV/AIDS deaths aggravated by pregnancy, these codes are sparsely used and unreliable. We therefore adapted the method described to also correct VR and VA sources for the systematic exclusion of HIV-related maternal deaths. This correction was calculated in the same manner, by using the same input data as above, with the only difference being that HIV correction of VR and VA sources resulted in a net increase in the maternal correction factor maternal deaths aggravated by HIV/AIDS are calculated in the following way:

$$
\begin{aligned}
& C F_{l, t, a, x, \text { mat }_{\text {hiv }}}=C F_{l, t, a, x, \text { mat }} \times \text { ProP }_{\text {maternalhiv }_{l, t, a, x}} \\
& \text { ProP }_{\text {maternalhiv }_{l, t, a, x}}=\frac{P A F_{l, t, a, x, \text { hivpos }} \times r r_{\text {mat }}}{1-P A F_{l, t, a, x, \text { hivpos }} \times r r_{\text {mat }}}
\end{aligned}
$$

## Section 2.14: Noise reduction (step 12) ${ }^{1}$

To deal with problems of zero counts in VR, VA, cancer registries, or sibling histories for a given age group in a given year, we use a Bayesian noise-reduction algorithm. For this algorithm, we assume a normal prior and a normal data likelihood. We estimate the normal prior for a given country-series of data by running a Poisson regression to estimate the number of deaths due to each respective cause and sex with dummy variables for age and year. With two notable exceptions (detailed below), these regressions are sex-, cause-, and country-specific, so borrowing strength over age and year is only within a given data type, country, cause, and sex. The variance of the prior, $\mathrm{t}^{2}$, is estimated from the Poisson regression, taking into account the variance-covariance matrix of the regression coefficients. For the data variance, we use the Wilson approximation which provides an estimate of $\sigma^{2}$ even in cases with a zero count of cause-specific deaths. The posterior estimate for each data point is

$$
\begin{gathered}
\text { Mean }=\left(\frac{\tau^{2}}{\tau^{2}+\sigma^{2}} X+\frac{\sigma^{2}}{\tau^{2}+\sigma^{2}} \mu\right) \\
\text { Variance }=\left(\frac{\tau^{2} \sigma^{2}}{\tau^{2}+\sigma^{2}}\right)
\end{gathered}
$$

Where
$X$ is the mean of the data
$\mu$ is the mean of the prior.

This approach to noise reduction avoids the problem that zero counts in an In rates model or a logit cause fraction model will be dropped from the regression and lead to upward bias in the estimates. This is particularly important in two settings: high-income countries with small numbers of cause-specific
deaths, and the analysis of sibling history data where for any given age group in any given year the number of deaths reported in the survey that are pregnancy-related or the number of deaths from all causes in that age group may be small.

Regarding the exceptions to the regression, the first is that country-years with populations under 1 million are pooled with the region data to prevent over-dispersion and provide a stronger signal. Additionally, VA data diverge from the above description in two ways. First, all data for a given superregion are pooled together and a study dummy variable is added, allowing for different studies and surveillance sites to borrow strength from one another within a super-region. Second, unless the data are part of a time series (eg, the Matlab Health and Demographic Surveillance System), the regression has no year component.

## Section 2.15: Cause of death database and outlier identification (step 13) ${ }^{1}$

Death rates for different causes of death generally have a stable age pattern. In large populations, these patterns will not change very rapidly over time. We can assume a relatively stable pattern in death rates for all causes except for some epidemic diseases and specific types of injuries. Rare causes in large populations and prevalent causes in small populations usually have stochastic patterns. To correct for these stochastic patterns, we implemented a noise-reduction process, explained in Step 12.

In VR data, we infrequently find one or more data points for specific geography/age/sex/year combinations that lie very far from the stable pattern of death rates. In these situations, the model usually ignores the data point(s). If the model fails to ignore these data, dramatic jumps or drops can occur in the death rates. When no logical explanation exists for variation in the death rates to this degree, we regard the data point(s) as outlier(s). The selection of data points to regard as outliers occurs after data have been prepped for modelling, as well as during preliminary reviews of the models.

In non-VR sources, data-collection methods and data quality can vary widely from source to source. Where data points in each age-sex-geography-year are very sparse, extreme data points can have a bad effect on regional estimation. In these situations, we investigate the study's methods and consider lower-quality data points as outliers.

Identifying outliers in the CoD data occurs prior to finalisation of models for each cause. We do not automate the selection of outliers but investigate the source of the offending data as well as reviewing other data sources for the same cause, geography, and year. Ultimately, outliers are identified based on the judgement of the modeller and senior faculty. Outlier decisions are reversible and may be revisited.

## Section 2.16: Causes of death data star rating calculation ${ }^{1}$

GBD estimates are most accurate when computed with a full time series of complete VR with a low percentage of garbage codes. For GBD 2016, we developed a simple star-rating system from 0 to 5 to give a picture of the quality of data available in a given country over the full time series used in GBD estimates. Countries improve in the star rating as they increase availability, completeness, and detail of their mortality data and reduce the percentage of deaths coded to ill-defined garbage codes or highly
aggregated causes (table 7, figures 5a and 5b). Underlying indicators for the percent well-certified calculation are listed in table S8.

We assign star ratings to rate the quality of data for any given location year. Two dimensions determine this star rating: (I) the percentage of total deaths determined to be major garbage (such as ill-defined). Causes such as "injuries" or "cancer" will also be included in major garbage percentage because this percentage includes use of highly aggregated causes; and (II) the level of completeness of death registration. These two values were used to create a "percent well-certified" value between 0 and 1 , determined as:

$$
p c t_{\text {wellcertified }}=\text { Completeness } \times\left(1-p c t_{\text {majgarbage }}\right)
$$

The mapping of percent well certified to star rating is as followed:

$$
\begin{aligned}
& 0 \text { star: } 0 \%=p c t_{\text {wellcertified }} \\
& 1 \text { star: } 0 \%<p c t_{\text {wellcertified }}<10 \% \\
& 2 \text { star: } 10 \%<=p c t_{\text {wellcertified }}<35 \% \\
& 3 \text { star: } 35 \%<=p c t_{\text {wellcertified }}<65 \% \\
& 4 \text { star: } 65 \%<=p c t_{\text {wellcertified }}<85 \% \\
& 5 \text { star: } p c t_{\text {wellcertified }} \geq 85 \%
\end{aligned}
$$

While stars are calculated for each five-year time interval as well as the full time series from 1980 to 2019, stars in the main text are presented for the full time series only.

In the case of VA, all garbage codes are considered ill-defined because redistribution for VA is highly imprecise.

For each VA data source, percent well-certified is

$$
p c t_{\text {wellcertified }}=\text { VerbalAutopsyAdjustment } \times\left(1-\text { pct }_{\text {majgarbage }}\right)
$$

Where:

$$
\text { VerbalAutopsyAdjustment }=\text { SubAdj } \times \text { RegAdj } \times \text { AgeSexCoverage }
$$

SubAdj is $10 \%$ for subnationally representative studies; 100\% for nationally representative studies. This adjustment, while arbitrary in its specific value, reflects the bias that can be associated with studies that only cover a potentially non-representative sample of a country's population.

RegAdj is 64\% for all VA data sources. This accounts for the inaccuracy of VA in assigning CoD compared to medically verified VR. The specific multiplier 0.64 is based on the chance-corrected concordance of Physician Certified Verbal Autopsy (PCVA) versus medical certification by the Population Health Metrics Research Consortium. ${ }^{35}$

Age-Sex Coverage is the number of deaths estimated in the GBD mortality envelope for the ages and sexes in the study for the country and year divided by the number of deaths estimated in the GBD mortality envelope for the country and year. Studies that only cover children under 5 years or maternal mortality, for example, will be highly discounted by this multiplier.

Once percent well-certified is calculated for each location-year of VR and each VA study-year, we then combine these into one measurement for each five-year time interval and the full time series 19802019. For each five-year time interval, we take the maximum percent well-certified. Then for 19802019, we take the average of the maximum percentages well-certified for the seven five-year time intervals. Any five-year time interval in which no data were available were given a percent well-certified value of zero.

Prior to GBD 2019, the causes of death team used an all ages, both sex cause fraction to estimate the percentage of garbage coded deaths in a given location year. Thus, the percentage of garbage for a given location year was determined as:

$$
C F_{G}=\frac{D_{G}}{D}
$$

Where:
$C F_{G}$ represents the cause fraction of percent garbage
$D_{G}$ represents total garbage coded deaths
$D$ represents the total deaths in a given location/year.
In GBD 2019, we moved to calculating the percentage of garbage coded deaths using an agestandardised cause fraction. The steps for creating these age-standardised cause fractions, in the case of garbage, are as follows:

1. Create both-sex, age-specific cause fractions of garbage for each age group
2. Scale these cause fractions by a set of both-sex age weights, determined by global mortality estimates from 2010 to present. That is, weights for each GBD age group were determined as:

$$
W_{a}=\frac{D_{a}}{D}
$$

Where:
$W_{a}$ is the weight for given age group "a"
$D_{a}$ is the total both sex, global deaths from 2010 to present in age group "a"
$D$ is the total both sex, global deaths from 2010 to present across all ages.
3. Sum these weighted cause fractions across all age groups to produce the age-standardised cause fraction

In the case of percent garbage for a given location year, the formula to calculate percent garbage would be given as the sum of the weighted age specific cause fractions across all age groups " a ":

$$
C F_{G}=\Sigma_{a}\left(\frac{G_{a}}{D_{a}} \times W_{a}\right)
$$

Where:
$G_{a}$ represents the total both sex garbage deaths in age group "a"
$D_{a}$ represents the total both sex deaths in age group " a "
$W_{a}$ represents the weight generated from mortality estimates for age group "a"

ICD-10 and ICD-9 codes assigned to Level 1 or 2 garbage can be found in table S4.

## Section 3: Causes of death modelling methods

## Section 3.1: CODEm ${ }^{1}$

Section 3.1.1: Overview of methods
Cause of death ensemble modelling (CODEm) is the framework used to model most cause-specific death rates in the GBD. ${ }^{36}$ It relies on four key components:

First, all available data are identified and gathered to be used in the modelling process. Although the data may vary in quality, they all contain some signal of the true epidemiological process.

Second, a diverse set of plausible models are developed to capture well-documented associations in the estimates. Using a wide variety of individual models to create an ensemble predictive model has been shown to outperform techniques using only a single model both in CoD estimation ${ }^{36}$ and in more general prediction applications. ${ }^{37,38}$

Third, the out-of-sample predictive validity is assessed for all individual models, which are then ranked for use in the ensemble modelling stage.

Finally, differently weighted combinations of individual models are evaluated to select the ensemble model with the highest out-of-sample predictive validity.

For some causes (eg, lower respiratory infections), evidence exists that the relationship between covariates and death rates might differ between children and adults. Separate models are therefore run for different age ranges, when applicable. Additionally, separate models are developed for countries with extensive, complete, and representative VR for every cause to ensure that uncertainty can better reflect the more complete data in these locations.

In order to ensure the addition of subnational locations are not driving changes in estimates, in GBD 2019, we run a global model that excludes data from non-standard locations; the resulting covariate
betas are then used as priors for the true global model.
In addition to CoD modelling, we also estimate fatal discontinuities. Fatal discontinuities are events that are stochastic in nature, that cannot be modelled because they do not have a predictable time trend. The fatal discontinuities by cause are aggregated by age and sex and added to the estimated number of deaths in CoD modelling for those causes during CoDCorrect. Details on their methods can be found in Section 3.4.

## Section 3.1.2: Model pool development

Because many factors may co-vary with any given CoD, a range of plausible statistical models are developed for each cause. In the CODEm framework, four families of statistical models are used: linear mixed effects regression (LMER) models of the natural log of the cause-specific death rate, LMER models of the logit of the cause fraction, spatiotemporal Gaussian process regression (ST-GPR) models of the natural logarithm of the cause-specific death rate, and ST-GPR models of the logit of the cause fraction (see the $2 \times 2$ table in Foreman et al). ${ }^{36}$ For more on ST-GPR, see section 4.3.3. For each family of models, all plausible relationships between covariates and the response variable are identified. Because all possible combinations of selected covariates are considered for each family of models, multi-collinearity between covariates may produce implausible signs on coefficients or unstable coefficients. Each combination is therefore tested for statistical significance (covariate coefficients must have a coefficient with p-value $<0.05$ ) and plausibility (the coefficients must have the directions expected on the basis of the literature). Only covariate combinations meeting these criteria are retained. This selection process is run for both cause fractions and death rates, then STGPR and LMER-only models are created for each set of covariates. For a detailed explanation of the covariate selection algorithm, see Foreman et al. ${ }^{36}$

## Section 3.1.3: Data variance estimation

The families of models that go through ST-GPR described in Section 3.1.2 incorporate information about data variance. The main inputs for a Gaussian process regression (GPR) are a mean function, a covariance function, and data variance for each data point. These inputs are described in detail in Foreman et al. ${ }^{36}$ For GBD 2019, we have updated this calculation to incorporate garbage code redistribution uncertainty.

Three components of data variance are now used in CODEm: sampling variance, non-sampling variance, and garbage code redistribution variance. The computation of sampling variance and nonsampling variance has not changed since previous iterations of the GBD and is also described in Foreman et al. ${ }^{36}$ Garbage code redistribution variance is computed in the CoD database process described in Section 2.7 of this appendix. Since variance is additive, we calculate total data variance as the sum of sampling variance, non-sampling variance, and redistribution variance. Increased data variance in GPR results in the GPR draws not following the data point as closely.

## Section 3.1.4: Testing model pool on $15 \%$ sample

The performance of all models (individual and ensemble) is evaluated by means of out-of-sample predictive validity tests. Thirty percent of the data are randomly excluded from the initial model fits.

These individual model fits are evaluated and ranked by using half of the excluded data ( $15 \%$ of the total), then used to construct the ensembles on the basis of their performance. Data are held out from the analysis on the basis of the cause-specific missingness patterns for ages and years across locations. Out-of-sample predictive validity testing is repeated 20 times for each model, which has been shown to produce stable results. ${ }^{36}$ These performance tests include the root mean square error (RMSE) for the log of the cause-specific death rate, the direction of the predicted versus actual trend in the data, and the coverage of the predicted $95 \%$ UI.

## Section 3.1.5: Ensemble development and testing

The component models are weighted on the basis of their predictive validity rank to determine their contribution to the ensemble estimate. The relative weights are determined both by the model ranks and by a parameter $\psi$, whose value determines how quickly the weights taper off as rank decreases. The distribution of $\psi$ is described in more detail in Foreman et al. ${ }^{36} \mathrm{~A}$ set of ensemble models is then created by using the weights constructed from the combinations of ranks and $\psi$ values. These ensembles are tested by using the predictive validity metrics described in Section 3.1.4 on the remaining $15 \%$ of the data, and the ensemble with the best performance in out-of-sample trend and RMSE is chosen as the final model.

## Section 3.1.6: Final estimation

Once a weighting scheme has been chosen, 1000 draws are created for the final ensemble, and the number of draws contributed by each model is proportional to its weight. The mean of the draws is used as the final estimate for the CODEm process, and a $95 \% \mathrm{UI}$ is created from the 0.025 and 0.975 quantiles of the draws. The validity of the UI can be checked via its coverage of the out-of-sample data; ideally, the $95 \%$ UI would capture $95 \%$ of these data. Higher coverage suggests that the Uls are too large, and lower coverage suggests overfitting.

## Section 3.1.7: Selection of causes for which CODEm is used

CODEm is used to model 193 causes, described in detail in Section 3.3. However, it is unsuitable for use in modelling certain causes, including those with very low death counts, those where cause-specific death record availability is inadequate, or those for which there are marked biases or variability for CoD certification over time that cannot be fully accounted for with the current garbage code redistribution algorithms. Criteria for causes where CODEm is not used are discussed in further detail in Section 3.2.

## Section 3.1.8: Model-specific covariates

Modellers select covariates to be used in CODEm, but those covariates may not be significant or in the direction specified during the covariate selection step of CODEm and will therefore not be used in the model. These covariates are listed with a '一' for number of draws. Additionally, covariates may be selected by CODEm but only exist in submodels that perform poorly and may end up with zero draws included in the final ensemble. Finally, all other covariates are listed with the number of draws in the final ensemble from submodels that had the covariate.

## Section 3.2: Causes modelled outside of CODEm ${ }^{1}$

## Section 3.2.1: Overview

A number of causes required alternative modelling strategies to those used for CODEm because they were not compatible with CODEm estimation infrastructure and processes. Such unsuitability included having very low death counts; inadequate availability of cause-specific death records; and marked biases or variability for CoD certification over time that could not be fully accounted for with current garbage code redistribution algorithms. The inclusion of these causes in CODEm often renders its out-of-sample predictive validity testing unstable, but the validity of this type of testing is a key advantage of using CODEm for CoD estimation. Alternately, CODEm simply fails to generate plausible mortality rates in the absence of enough VR or VA data when these causes are included. Because of increased data availability and redistribution algorithm refinements, we were able to incorporate several new causes, which were modelled separately for GBD 2013, into CODEm for this iteration of the GBD study; with each annual update of GBD, we aim to add more causes within the CODEm estimation space. For GBD 2019, we used alternative modelling approaches for these causes, including negative binomial models, natural history models, sub-cause proportion models, and prevalence-based models (table S10).

## Section 3.2.2: Negative binomial models

For eight rare causes of death, too few observed deaths were included in the CoD database to produce stable estimates. For these causes, we ran negative binomial regression models, with either a constant or a constant multiplied by the mean assumption for the dispersion parameter, by using reverse stepwise model building. We selected one of the two model dispersion assumptions based on best fit to the data by using the same method as GBD 2013. For GBD 2015, we also tested zero-inflated Poisson models for these rare causes of death but rejected them after finding that they did not substantially affect the mean predictions but instead produced unrealistically large Uls. Descriptions of the modelling process for each of these causes follows in the next sections.

## Section 3.2.3: DisMod-MR 2.1

Until GBD 2010, non-fatal estimates were based on a single data source on prevalence, incidence, remission, or a mortality risk selected by the researcher as most relevant to a particular location and time. For GBD 2010, we set a more ambitious goal: to evaluate all available information on a disease that passes a minimum quality standard. That required a different analytical tool that would be able to pool disparate information presented in varying age groupings and from data sources by using different methods. The DisMod-MR 1.0 tool used in GBD 2010 evaluated and pooled all available data, adjusted data for systematic bias associated with methods that varied from the reference, and produced estimates with Uls by world regions. For GBD 2013, the improved DisMod-MR 2.0 had increased computational speed, allowing computations that were consistent between all disease parameters at the country rather than the region level. The hundred-fold increase in speed of DisMod-MR 2.0 was partly due to a more efficient rewrite of the code in C++ but also to changing to a model specification using log rates rather than a negative binomial model used in DisMod-MR 1.0. In cross-validation tests, the log rates specification worked as well as or better than the negative binomial specification. ${ }^{39}$ For GBD 2015, the computational engine (DisMod-MR 2.1) remained substantively unchanged, but we re-
wrote the wrapper code that organised the flow of data and settings at each level of the analytical cascade. The sequence of estimation occurred at five levels: global, super-region, region, country, and, where applicable, subnational locations (see flow diagram of DisMod-MR 2.1 cascade that follows). The super-region priors were generated at the global level with mixed-effects, non-linear regression by using all available data; the super-region fit, in turn, informed the region fit and so on down the cascade. The wrapper gave analysts the choice to branch the cascade in terms of time and sex at different levels depending on data density. The default used in most models was to branch by sex after the global fit but to retain all years of data until the lowest level in the cascade. For GBD 2015, we generated fits for the years 1990, 1995, 2000, 2005, 2010, and 2015.

In updating the wrapper, we consolidated the code base into a single language, Python, to make the code more transparent and efficient and to better deal with subnational estimation. The computational engine is limited to three levels of random effects; we differentiated estimates at the super-region, region, and country levels. In GBD 2013, the subnational units of China, Mexico, and the UK were treated as countries, such that a random effect was estimated for every location with contributing data. However, the lack of a hierarchy between country and subnational units meant that the fit to country data contributed as much to the estimation of a subnational unit as the fits for all other countries in the region. We found inconsistency between the country fit and the aggregation of subnational estimates when the country's epidemiology varied from the average of the region. Adding an additional level of random effects required a prohibitively comprehensive rewrite of the underlying DisMod-MR engine. Instead, we added a fifth layer to the cascade, with subnational estimation informed by the country fit and country covariates, plus an adjustment based on the average of the residuals between the subnational unit's available data and its prior. This procedure mimicked the impact of a random effect on estimates between subnationals.

For GBD 2015, we improved how country covariates differentiate non-fatal estimates for diseases with sparse data. The coefficients for country covariates were re-estimated at each level of the cascade. For a given location, country coefficients were calculated by using both data and prior information available for that location. In the absence of data, the coefficient of its parent location was chosen to utilise the predictive power of our covariates in data sparse situations.

For GBD 2017, the DisMod-MR 2.1 tool was used. Updates included estimation of new age groups through the GBD 2017 terminal age group of 95 years and older in addition to the new locations added for the GBD 2017 cycle.

## Section 3.2.4: DisMod-MR 2.1 likelihood estimation

Analysts have the choice of using a Gaussian, log-Gaussian, Laplace, or log-Laplace likelihood function in DisMod-MR 2.1. The default log-Gaussian equation for the data likelihood is as follows:

$$
-\log \left[p\left(y_{j} \mid \Phi\right)\right]=\log (\sqrt{2 \pi})+\log \left(\delta_{j}+s_{j}\right)+\frac{1}{2}\left(\frac{\log \left(a_{j}+\eta_{j}\right)-\log \left(m_{j}+\eta_{j}\right)}{\delta_{j}+s_{j}}\right)^{2}
$$

Where:
$y_{j}$ is a measurement value (ie, data point)
$\Phi$ denotes all model random variables
$\eta_{j}$ is the offset value, eta, for a particular integrand (prevalence, incidence, remission, excess mortality rate, with-condition mortality rate, cause-specific mortality rate, relative risk, or standardised mortality ratio)
$a_{j}$ is the adjusted measurement for data point $j$, defined by

$$
a_{j}=e^{\left(-u_{j}-c_{j}\right)} y_{j}
$$

Where:
$u_{j}$ is the total area effect (ie, the sum of the random effects at three levels of the cascade: super-region, region, and country)
$c_{j}$ is the total covariate effect (ie, the mean combined fixed effects for sex, study-level, and country-level covariates), defined by

$$
c_{j}=\sum_{k=0}^{K[I(j)]-1} \beta_{I(j), k} \hat{X}_{k, j}
$$

with standard deviation (SD)

$$
s_{j}=\sum_{l=0}^{L[I(j)]-1} \zeta_{I(j), l} \hat{z}_{k, j}
$$

Where:
$k$ denotes the mean value of each data point in relation to a covariate (also called x-covariate)
$I(j)$ denotes a data point for a particular integrand, $j$
$\beta_{I(j), k}$ is the multiplier of the $k^{\text {th }} \mathbf{x}$-covariate for the $i^{\text {th }}$ integrand
$\widehat{X}_{k, j}$ is the covariate value corresponding to the data point $j$ for covariate $k$
$l$ denotes the SD of each data point in relation to a covariate (also called $z$-covariate)
$\zeta_{I(j), k}$ is the multiplier of the $l$ th z-covariate for the $i^{\text {th }}$ integrand
$\delta_{j}$ is the SD for adjusted measurement $j$, defined by

$$
\delta_{j}=\log \left[y_{j}+e^{\left(-u_{j}-c_{j}\right)} \eta_{j}+c_{j}\right]-\log \left[y_{j}+e^{\left(-u_{j}-c_{j}\right)} \eta_{j}\right]
$$

Where $m j$ denotes the model for the $j^{\text {th }}$ measurement, not counting effects or measurement noise and defined by

$$
m_{j}=\frac{1}{B(j)-A(j)} \int_{A(j)}^{B(j)} I_{j}(\mathrm{a}) \mathrm{da}
$$

Where:
$A(j)$ is the lower bound of the age range for a data point $j$
$B(j)$ is the upper bound of the age range for a data point $j$
$I(j)$ denotes the function of age corresponding to the integrand for data point $j$
The source code for DisMod-MR 2.1 as well as the wrapper code is available at https://github.com/ihmeuw/ihme-
modelling/tree/master/gbd 2017/shared code/central comp/nonfatal/dismod.

## Section 3.2.5: Natural history models

For some causes for which CoD data may be systematically biased either owing to misclassification or because the disease exists in focal communities without VR or VA studies, we have developed natural history models. In natural history models, incidence and case-fatality rates are modelled separately and then combined to produce estimates of cause-specific mortality.

## Section 3.2.6: Prevalence-based models

The modelling strategies for atrial fibrillation and flutter are distinct from those used for other causes modelled as natural history models. These models use prevalence estimates and excess mortality rates (EMR) generated through DisMod-MR 2.1 rather than incidence and case-fatality rates.

## Section 3.2.7: Sub-cause proportion models

For certain sub-causes for which accurate diagnoses are known to be very difficult, we first modelled the parent cause in the GBD hierarchy with CODEm and then allocated deaths to specific causes by using proportions of the parent cause for each age-sex-location-year for each sub-cause. For these causes, we identified no significant predictors in negative binomial regressions. This approach was taken because the available data on these specific causes may come from sources other than VR, such as end-stage renal disease registries, or may come from too few places to model the death rates directly. Details for each cluster of causes analysed in this way follow.

## Section 3.3: Central computation ${ }^{1}$

Section 3.3.1: Imported cases
Imported cases are fatalities that occur in a geographic area where a particular CoD is known to be eradicated in a specific time period or where infection cannot occur. We apply space-time restrictions to these causes in the modelling strategy for that location and time period. However, in some rare cases, deaths from these causes occur outside of restricted locations and time periods. These deaths are referred to as imported cases.

Illustrating this concept, Chagas disease is transmitted by insect vectors that only exist in the Americas. For this reason, Chagas disease is restricted in the models for countries such as Russia. However, someone traveling in Latin America could contract Chagas disease and then die after returning home to Russia. Imported cases accounts for these kinds of deaths.

To calculate these imported cases, we find all cases from the VRs of data-rich countries for any CoD that is otherwise geographically or temporally restricted. We then create a beta distribution from that data point by using the sample size of the VR for that data point and upload these draws as a custom CoD model. This model is then used as an input to CoDCorrect.

## Section 3.3.2: CoDCorrect

Section 3.3.2.1 Objective of CoDCorrect
As mentioned in the main text, the CoD models are cause-specific. As such, there is no guarantee that the sum of these models will equal the results of the all-cause mortality estimates or that model results of child causes add up to the parent model results. The CoDCorrect process is used to make the CoD and all-cause mortality estimates internally consistent by using a very simple algorithm.

## Section 3.3.2.2 Algorithm and levels

The core algorithm remains the same as it did in GBD 2013. The equation can be written as follows:

$$
C D_{\text {lyasjd }}=D_{\text {lyasjd }}\left(\frac{P D_{\text {lyasjd }}}{\sum_{j=1}^{j=k} D_{\text {lyasjd }}}\right)
$$

Where:
$C D_{\text {lyasjd }}$ is the corrected number of deaths for a location $l$, year $y$, age $a$, sex $s$, cause $j$, and draw d
$P D_{\text {lyasjd }}$ is the parent CoD for a location $l$, year $y$, age $a$, sex $s$, cause $j$, and draw $d$
$D_{\text {lyasjd }}$ is the uncorrected number of deaths estimated from a cause-specific model for a $l$, year $y$, age $a$, sex $s$, cause $j$, and draw $d$

The CoDCorrect process starts by rescaling the Level 1 causes to match the all-cause mortality estimates (used for $P D_{l y a s j d}$ in the previous equation). Level 2 causes are then rescaled to their corrected parent causes. This process continues until all levels of the hierarchy have been rescaled. Causes and their levels within the CoDCorrect hierarchy can be found in table 59 .

Since GBD 2017, HIV has not been included in the CoDCorrect process. To account for this change, Level 1 CoDCorrect causes are rescaled to HIV-deleted mortality estimates that are produced as part of the mortality and HIV estimation process. Results from the GBD version of Spectrum are added to the postCoDCorrect death estimates with fatal discontinuities and imported cases to generate the full set of death estimates.

Section 3.3.2.3 Diagnostic results of CoDCorrect by cause and location
For more detail on diagnostic results of CodCorrect by cause see table S15.

## Section 3.3.3: Years of life lost calculation

Years of life lost (YLLs) owing to premature mortality were computed for 1082 locations and 39 years. First, we used the lowest observed age-specific mortality rates by location and sex across all estimation years from locations with total populations greater than 5 million in 2016 to establish a theoretical minimum risk reference life table.

The YLL is a metric that is computed by multiplying the number of estimated deaths by the standard life expectancy at age of death. The metric therefore highlights premature deaths by applying a larger weight to deaths that occur in younger age groups. We propagated uncertainty from CoDCorrected deaths for all demographics. The core equation can be written as follows:

$$
Y L L=\sum_{c=1, a=0, s=1}^{\infty} d_{\text {cas }} e_{a}
$$

## Section 3.3.4: GBD world population age standard

Age-standardised populations in the GBD were calculated by using the GBD world population age standard. For GBD 2013, GBD 2015, and GBD 2016, the age-specific proportional distributions of all national locations from the UN Population Division World Population Prospects 2012 revision for all years from 2010 to 2035 were used to generate a standard population age structure by using the nonweighted mean across all the aforementioned country-years. For GBD 2017, we used the non-weighted mean of 2017 age-specific proportional distributions from the GBD 2017 population estimates for all national locations with a population greater than 5 million people in 2017 to generate an updated standard population age structure. ${ }^{40}$ For GBD 2019, we have continued to use this method using GBD 2019 population estimates. ${ }^{8}$

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## Section 4: Non-fatal outcome estimation ${ }^{2}$

The GBD 2019 non-fatal estimation process describes the steps necessary to estimate incidence, prevalence, and YLDs for disease and injury sequelae in GBD 2019. Conceptually, the estimation effort is divided into eight major components: (1) compiling data sources through data identification and extraction; (2) data adjustment; (3) estimation of prevalence and incidence by cause and sequelae by using DisMod-MR 2.1 or alternative modelling strategies for selected cause groups; (4) estimation by impairment; (5) severity distributions; (6) incorporation of disability weights (DWs); (7) comorbidity adjustment; and (8) the estimation of YLDs by sequelae and causes. Section 4.12 contains additional detail specific to each non-fatal disease, impairment, and injury, and their sequelae. Non-fatal modelling strategies vary significantly between causes.

## Section 4.1: Data sources, identification, and extraction ${ }^{2}$

Section 4.1.1: Systematic reviews
For GBD 2019, updated systematic reviews were conducted for 49 causes. Over 123,925 studies were screened for inclusion, and over 1250 articles were newly incorporated into GBD 2019 non-fatal models. For other disease sequelae, only a small fraction of the existing data appears in the published literature, and other sources predominate, such as survey data, disease registers, notification data, or hospital inpatient data. As was done in past rounds of GBD, data were systematically screened from household surveys archived in the GHDx (http://ghdx.healthdata.org/), including Demographic and Health Surveys, Multiple Indicator Cluster Surveys, Living Standards Measurement Surveys, and Reproductive Health Surveys. Other national health surveys were identified on the basis of survey series that had yielded usable data for past rounds of GBD, sources suggested to us by in-country collaborators, and surveys identified in major multinational survey data catalogues such as the International Household Survey Network and the WHO Central Data Catalog, as well as through country Ministry of Health and Central Statistical Office websites. Case notifications reported to the WHO were updated through 2019. Citations for all data sources used for non-fatal estimation in GBD 2019 are provided in searchable form through a web tool (http://ghdx.healthdata.org/). A description of the search terms used for causespecific systematic reviews are detailed by cause in Section 4.12.

Section 4.1.2: Survey data preparation
For GBD 2019, survey data for which we have access to the unit record data constitute a substantial part of the underlying data used in the estimation process. During extraction, we concentrated on demographic variables (eg, location, sex, age), survey design variables (eg, sampling strategy and sampling weights), and the variables used to define the population estimate (eg, prevalence or a proportion) and a measure of uncertainty (standard error, confidence interval or sample size, and number of cases).

Section 4.1.3: Disease registries
For GBD 2019 non-fatal estimation, disease registries were an important source for a select number of conditions such as cancers, end-stage renal disease, and congenital disorders.

Registry data is particularly key in the estimation of neoplasms when we consider the increasing attention to non-communicable diseases, particularly cancers, in low and middle-income areas of the world. The GHDx source tool (http://ghdx.healthdata.org/data-type/disease-registry) provides a comprehensive list of registry data used in GBD estimation processes.

Section 4.1.4: Estimation of hospital envelope

Figure A. Overview process of estimation of hospital envelope.
This process utilises administrative data, reported tabulations, and survey microdata to estimate the rates of inpatient admissions per capita for every location and demographic group in the GBD hierarchy.


## Section 4.2: Input data and methods summary ${ }^{2}$

Section 4.2.1: Case definition
We defined a hospital admission as admission into a formal health care facility for an overnight stay. However, we excluded admissions to long-term care facilities (>120 days), nursing care facilities, and facilities staffed by traditional or spiritual healers.

## Section 4.2.2: Input data

We searched the GHDx for population surveys, administrative records, and censuses from January 1990 to September 2017. We applied the following keyword filters: "Health care use" OR "Length of stay" AND "Hospitals" OR "Health care services". We applied no language restrictions to our search and required all returned records to contain either microdata or tabulated reports. We searched the returned records' metadata for measures of inpatient care. For inclusion, we required all measures to be
nationally or subnationally representative. Additionally, we consulted with experts and GBD collaborators to gather data sources that were not within the GHDx.

To estimate inpatient admission rates for newborns, we input estimates of the in-facility delivery (IFD) rates for every subnational and national location at 5-year intervals starting at 1990 and including the most recent 2019 estimate. IFD was estimated by using an ST-GPR model based on populationrepresentative surveys and administrative data. We accepted data sources from 28,646 location-years (1413 from administrative records and 27,233 from population surveys).

## Section 4.3: Modelling strategy²

## Section 4.3.1: Data adjustment

We classified each of the accepted data sources into four data types: (1) proportion of survey respondents who were admitted into the hospital in the last 30 days; (2) proportion of survey respondents who were admitted to the hospital in the last year; (3) average number of admissions (utilisation rate) reported by survey respondents in the last year; and (4) average number of visits reported by annual administrative records. We assigned measures reported by annual administrative records as our reference group because these data types were free from recall bias and most closely matched our case definition. From data sources for which microdata were available, we extracted and binned the data based on gender and age groups of less than 1 year, 1-4 years, 4-9 years, 10-14 years, and similar increments of years up to 95 years and older.

We crosswalked each of the three non-reference (survey) data types to the reference (administrative record) data type through the use of penalised spline regressions to account for non-systematic differences between the data types. For each non-reference data type and each sex, we looked for overlap between the non-reference data type and the reference data type based on location, year, age group, and sex. With the overlapping data, we calculated the ratio of the point estimate from the reference data type, $\mu_{r e f}$, to the non-reference data type, $\mu_{s}$. We fit these ratios with a penalised spline regression equation

$$
\begin{equation*}
\ln \left(\frac{\mu_{r e f, i}}{\mu_{s, i}}\right)=h\left(a g e_{i}\right)+\varepsilon_{i} \tag{1}
\end{equation*}
$$

Where:
$i$ denotes a given matched observation
$h\left(a g e_{i}\right)$ represents a basis function that estimated a cross-validated, penalised spline over the population weighted mean age of the age group
$\varepsilon$ represents the residual
In the figures that follow, for each non-reference data type, we plot the ratio of $\mu_{r e f}$ and $\mu_{s}$ across age and by sex and the predictions from the penalised spline regressions.

Figure B. Global age-sex specific crosswalks to equate each non-reference data type to the reference data type.
For each non-reference data type and each sex, we plotted the ratio of reference data points to nonreference data points, which were matched based on location, age group, year, and sex. Using a penalized spline regression, we estimated the crosswalk between each non-reference data type and the reference type. We plotted the crosswalk and the associated prediction error in the following figures:




To crosswalk non-reference data types to reference data types, we multiplied non-reference data types by the exponentiated predictions from respective penalised spline regressions. Uncertainty from the adjustments was accounted for by the equation

$$
s e_{a}=\sqrt{s e_{m}^{2} \cdot s e_{s}^{2}+s e_{m}^{2} \cdot \mu_{s}^{2}+s e_{s}^{2} \cdot \mu_{m}^{2}}
$$

Where:
$s e_{a}$ is the standard error of the adjusted non-reference data point
$s e_{m}$ is the standard error of the exponentiated crosswalk prediction
$s e_{s}$ is the standard error of the non-reference data point
$\mu_{s}$ is the mean of the non-reference data point
$\mu_{m}$ is the exponentiated crosswalk prediction from the penalised spline regression

## Section 4.3.2: Age-sex splitting

Before modelling, we ran a Dismod-MR 2.1 model with data disaggregated by age to estimate countries' age-pattern and then applied the estimated age-pattern to split aggregated all-age data into the age groups that are necessary 5-year age groups encouraged by ST-GPR. This procedure was done by calculating a constant, $k$, which was the ratio of the aggregated all-age data point, $\mu_{\text {all age }}$, to the all-age estimated utilisation rate from the DisMod-MR 2.1 model, $\widehat{\mu_{d}}$

$$
\begin{equation*}
k=\frac{\mu_{\text {all age }}}{\widehat{\mu_{d}}} \tag{3}
\end{equation*}
$$

The constant, $k$, was then multiplied by age-specific utilisation rates from the DisMod-MR 2.1 model. The uncertainty from the data and the age-pattern were propagated by following Equation 2 . The split data were then incorporated into the final DisMod-MR 2.1 model.

Section 4.3.3: Spatiotemporal Gaussian process regression (ST-GPR) modelling ${ }^{4}$
The input data were modelled by using ST-GPR to allow for smoothing over age, time, and location in locations that were missing complete datasets.

The flowchart showing the analytic steps can be found elsewhere. ${ }^{41}$ The approach is a stochastic modelling technique that is designed to detect signals amidst noisy data. It also serves as a powerful tool for interpolating non-linear trends. ${ }^{42,43}$ Unlike classical linear models that assume that the trend underlying data follows a definitive functional form, GPR assumes that the specific trend of interest follows a Gaussian process, which is defined by a mean function $m(\cdot)$ and a covariance function $\operatorname{Cov}(\cdot)$. For example, let $p_{c, a, s, t}$ be the prevalence, in normal, log, or logit space, observed in country $c$, for age group $a$, and sex $s$ at time $t$ :

$$
\left(p_{c, a, s, t}\right)=g_{c, a, s}(t)+\epsilon_{c, a, s, t}
$$

where

$$
\begin{gathered}
\epsilon_{c, a, s, t} \sim \operatorname{Normal}\left(0, \sigma_{p}^{2}\right) \\
g_{c, a, s}(t) \sim G P\left(m_{c, a, s}(t), \operatorname{Cov}\left(g_{c, a, s}(t)\right)\right) .
\end{gathered}
$$

The derivation of the mean and covariance functions, $m_{c, a, s}(t)$ and $\operatorname{Cov}\left(g_{c, a, s}(t)\right)$, along with a more detailed description of the error variance $\left(\sigma_{p}^{2}\right)$, is described below.

Section 4.3.3.1: Estimating mean functions
We estimated mean functions by using a two-step approach. To be more specific, $m_{c, a, s}(t)$ can be expressed, depending on the prevalence transformation, as:

$$
\begin{gathered}
\log \left(p_{c, a, s}(t)\right)=X_{c, a, s} \beta+h\left(r_{c, a, s, t}\right) \\
\operatorname{logit}\left(p_{c, a, s}(t)\right)=X_{c, a, s} \beta+h\left(r_{c, a, s, t}\right) \\
p_{c, a, s}(t)=X_{c, a, s} \beta+h\left(r_{c, a, s, t}\right)
\end{gathered}
$$

where $X \beta$ is the summation of the components of a hierarchical mixed-effects linear regression, including the intercept and the product of covariates with their corresponding fixed-effect coefficients. Some models were run as hierarchical mixed-effects linear regressions with random effects on the levels of the location hierarchy. For most mixed-effects models, random effects were only used in the fit, not in the prediction. The second part of the equation, $h\left(r_{c, a, s, t}\right)$, is a smoothing function for the residuals, $r_{c, a, s, t}$, derived from the linear model. ${ }^{44}$ Cause-specific methods details can be found in appendix sections 3.4 and 4.12.

Although the linear component captures general trends over time, much of the data variability may still not be adequately accounted for. To address this, we fit a locally weighted polynomial regression (locally estimated scatterplot smoothing, or LOESS) function $h\left(r_{c, a, s, t}\right)$ to systematically estimate this residual variability by borrowing strength across time, age, and space patterns (the spatiotemporal component of ST-GPR). ${ }^{45,46}$ The time adjustment parameter, defined by $\lambda$, aims to borrow strength from neighboring time points (ie, the prevalence in this year is highly correlated with prevalence in the previous year but less so further back in time). The age-adjustment parameter, defined by $\omega$, borrows strength from data in neighboring age groups. The space-adjustment parameter, defined by $\xi$, aims to borrow strength across the hierarchy of geographical locations. The spatial and temporal weights are combined into a single space-time weight to allow the amount of spatial weight given to a particular point $r_{c, a, s, t}$ to fluctuate given the data availability at each time $t$ and location-level/ in the location hierarchy.

Let $w_{c, a, s, t}$ be the final weight assigned to observation $r_{c, a, s, t}$ with reference to a focal observation $r_{c_{0}, a_{0}, s_{0}, t_{0}}$. We first generated a temporal weight $t$. $w_{c, a, s, t}$ for smoothing over time, which was based on the scaled distance along the time dimension of the two observations ${ }^{46}$ :

$$
t . w_{c, a, s, t}=\frac{1}{e^{\lambda\left|t-t_{0}\right|}}
$$

Next, we generated a spatial weight to smooth over geography. Specifically, we defined a geospatial relationship by categorizing data based on the GBD location hierarchy (table S3). zeta acts as a scalar on a given datapoint given its proximity to the target location:

$$
t . w_{c, a, s, t}=\zeta^{\left|c-c_{0}\right|}
$$

For example, estimating a country, would use the following weighting scheme:

- Country data: $\zeta^{0}=1$
- Regional data not from the country being estimated: $\zeta^{1}$
- Data from other regions in the same super region: $\xi^{2}$
- Global data from other super regions: $\zeta^{3}$

Under the spatial weighting specification, typical values of $\zeta$ range from $[0.001,0.2$ ], where $\zeta$ can be interpreted as the amount to downweight regional datapoints compared to country datapoints for a given estimating country. For example, for a given datapoint $r_{c, a, s, t}$ and $\zeta=0.01$, a datapoint not within country $c$ but within the same region $r$ as $r_{c, a, s, t}$ would be assigned $\frac{1}{100}$ the weight of a datapoint within the country.

The spatial and temporal weights were then multiplied and summed across each level of the location hierarchy and normalised for each time period $t$. This procedure allowed the space-time weight to implicitly take into account the amount of data available at the country vs. region vs. super-region level and attribute spatial weight accordingly.

Given a normalisation constant,

$$
K_{i}=\sum_{c \epsilon C} s . w_{c, t} * t . w_{c . t}+\sum_{c \in R} s . w_{c, t} * t . w_{c . t}+\sum_{c \in S R} s . w_{c, t} * t . w_{c . t}
$$

the final space-time weight would then equal

$$
w_{c, a, s, t}^{\prime}=\frac{s . w_{c, t} * t . w_{c, t}}{K_{i}}
$$

Finally, we calculated the weight $w^{\prime \prime}{ }_{c, a, s, t}$ to smooth over age, which is based on a distance along the age dimension of two observations. For a point between the age $a$ of the observation $r_{c, a, s, t}$ and a focal observation $r_{c_{0}, a_{0}, s_{0}, t_{0}}$, the weight is defined as follows:

$$
w_{c, a, s, t}^{\prime \prime}=\frac{1}{e^{\omega\left|a-a_{0}\right|}}
$$

The final weights were then computed by simply multiplying the space-time weights and age weights and normalising so all weights for a given time period $t$ sum to 1 . A full derivation of weights for each category, assuming the location being estimated was a country, follows:

1) If the observation $r_{c, t}$ belongs to the same country $c_{0}$ of the focal observation $r_{c_{0}, t_{0}}$ :

$$
w_{c, a, s, t}=\frac{\left(w_{c, a, s, t}^{\prime} w_{c, a, s, t}^{\prime \prime}\right)}{\sum_{c=c_{0}}\left(w_{c, a, s, t}^{\prime} w_{c, a, s, t}^{\prime \prime}\right)} \quad \forall c=c_{0}
$$

2) If the observation $r_{c, t}$ belongs to a different country than the focal observation $r_{c_{0}, t_{0}}$, but both belong to the same region $R$ :

$$
w_{c, a, s, t}=\frac{\left(w_{c, a, s, t}^{\prime} w_{c, a, s, t}^{\prime \prime}\right)}{\sum_{c \neq c_{0}}\left(w_{c, a, s, t}^{\prime} w_{c, a, s, s}^{\prime \prime}\right)} \quad \forall c \neq c_{0} \cap R[c]=R\left[c_{0}\right]
$$

3) If the observation $r_{c, t}$ belongs to the same super region $S R$ but to both a different country $c_{0}$ and a different region $R\left[c_{0}\right]$ than the focal observation $r_{c_{0}, t_{0}}$ :

$$
w_{c, a, s, t}=\frac{\left(w_{c, a, s, t}^{\prime} w_{c, a, s, t}^{\prime \prime}\right)}{\sum_{c \neq c_{0}}\left(w_{c, a, s, t}^{\prime} w_{c, a, s, t}^{\prime \prime}\right)} \quad \forall c \neq c_{0} \cap R[c] \neq R\left[c_{0}\right] \cap S R[c]=S R\left[c_{0}\right]
$$

4) If the observation $r_{c, t}$ is from a different super region than the focal observation $r_{c_{0}, t_{0}}$ (le, all other data currently not receiving a weight):

$$
w_{c, a, s, t}=\frac{\left(w_{c, a, s, t}^{\prime} w_{c, a, s, t}^{\prime \prime}\right)}{\sum_{c \neq c_{0}}\left(w_{c, a, s, t}^{\prime} w_{c, a, s, t}^{\prime \prime}\right)} \quad \forall c \neq c_{0} \cap R[c] \neq R\left[c_{0}\right] \cap S R[c] \neq S R\left[c_{0}\right]
$$

Observations could be downweighted by a factor of 0.1, usually because they were not geographically representative at the unit of estimation. Details of reasons for downweighting can be found in causespecific modeling summaries. The final weights were then normalised such that the sum of weights across age, time, and geographic hierarchy for a reference group was 1.

## Section 4.3.3.2: Estimating error variance

$\sigma_{p}^{2}$ represents the error variance in normal or transformed space including the sampling variance of the estimates and prediction error from any crosswalks performed. First, variance was systematically imputed if the data extraction did not include any measure of uncertainty. When some sample sizes for data were available, missing sample sizes were imputed as the $5^{\text {th }}$ percentile of available sample sizes. Missing variances were then calculated as $\sigma_{p}^{2}=\frac{p *(1-p)}{n}$ for proportions or were predicted from the mean by using a regression for continuous values. When sample sizes were entirely missing and could not be imputed, the $95^{\text {th }}$ percentile of available variances at the most granular geographic level (ie, first country, then region, etc.) were used to impute missing variances. For proportions where $p^{*} n$ or (1-p)*n is $<20$, variance was replaced by using the Wilson Interval Score method.

Next, if prevalence was modelled as a log transformation, the error variance was transformed into logspace by using the delta method approximation as follows:

$$
\sigma_{p}^{2} \cong \frac{\sigma_{p,}^{2}}{p_{c, a, s, t}^{2}}
$$

where $\sigma_{p}^{2}$, represents the error variance in normal space. If prevalence was modelled as a logit transformation, the error variance was transformed into logit-space by using the delta method approximation as follows:

$$
\sigma_{p}^{2} \cong \frac{\sigma_{p}^{2}}{\left(p_{c, a, s, t} *\left(1-p_{c, a, s, t}\right)\right)^{2}}
$$

Finally, prior to GPR, an approximation of non-sampling variance was added to the error variance. Calculations of non-sampling variance were done on normal-space variances. Non-sampling variance was calculated as the variance of inverse-variance weighted residuals from the space-time estimate at a given location-level hierarchy. If there were $<10$ data points at a given level of the location hierarchy, the non-sampling variance was replaced with that of the next highest geography level with >10 data points.

## Section 4.3.3.3: Estimating the covariance function

The final input into GPR is the covariance function, which defines the shape and distribution of the trends. Here, we have chosen the Matern-Euclidian covariance function, which offers the flexibility to model a wide spectrum of trends with varying degrees of smoothness. The function is defined as follows:

$$
M\left(t, t^{\prime}\right)=\sigma^{2} \frac{2^{1-v}}{\Gamma(v)}\left(\frac{d\left(t, t^{\prime}\right) \sqrt{2 v}}{l}\right)^{v} K_{v}\left(\frac{d\left(t, t^{\prime}\right) \sqrt{2 v}}{l}\right)
$$

where $d(\cdot)$ is a distance function; $\sigma^{2}, v, l$, and $K_{v}$ are hyperparameters of the covariance functionspecifically $\sigma^{2}$ is the marginal variance, $v$ is the smoothness parameter that defines the differentiability of the function, $l$ is the length scale, which roughly defines the distance between which two points become uncorrelated, and $K_{v}$ is the Bessel function. We approximated $\sigma^{2}$ by taking the normalised median absolute deviation $\operatorname{MADN}\left(r_{c}^{\prime}\right)$ of the difference, which is the normalised absolute deviation of the difference of the first-stage linear regression estimate from the second-stage spatiotemporal smoothing step for each country. We then took the mean of these country-level MADN estimates for all countries with $10+$ country-years of data to ensure that differences between first- and second-stage estimates had sufficient data to truly convey meaningful information on model uncertainty. We used the parameter specification $v=2$ for all models. The scale parameter $l$ used for each cause is reported in appendix sections 3.4 and 4.12 .

## Section 4.3.3.4: Prediction using GPR

We integrated over $g_{c, t}\left(t_{*}\right)$ to predict a full time series for country $c$, age $a$, sex $s$, and prediction time $t_{*}$ as follows:

$$
p_{c, a, s}\left(t_{*}\right) \sim N\left(m_{c, a, s, t}\left(t_{*}\right), \sigma_{p}^{2} I+\operatorname{Cov}\left(g_{c, a, s, t}\left(t_{*}\right)\right)\right)
$$

Random draws of 1000 samples were obtained from the distributions above for every country for a given indicator. The final estimated mean for each country was the mean of the draws. In addition, 95\% Uls were calculated by taking the 2.5 and 97.5 percentile of the sample distribution. The linear modelling process was implemented by using the Imer4 package in R, and the ST-GPR analysis was implemented through the PyMC2 package in Python.

Section 4.3.3.5: Subnational scaling and aggregation
To ensure internal consistency of the estimates between countries and their respective subnational locations, national estimates were either created by population-weighted aggregation or subnational estimates were adjusted by population-weighted scaling to the national estimates, depending on the data coverage of a given country compared to that of its subnational locations. For example, if data coverage was better at the national level than at its corresponding subnational locations for a given country and cause across age, sex, and time, estimates were rescaled to be consistent with the national level. Conversely, if data coverage was better at the subnational level, estimates for its parent country were generated through population-weighted aggregation of subnational estimates.

Estimates can also be scaled within logit space. Scaling in logit space ensures that subnational estimates of proportion models do not exceed one after being rescaled to the national estimate.

## Section 4.3.3.6: Example: ST-GPR hospital bed estimation

To further help explain variation in geographies with little to no data, we used the covariates of the natural log of hospital beds per 1000 and the HAQ Index for every location. Hospital beds per 1000 was estimated by using ST-GPR on data sourced from the World Bank. Coefficients for the covariates are presented in the table that follows.

Table B. Estimated coefficients of the hospital envelope model.

| Covariate | Sex | Coefficient (95\% UI) | Exponentiated Coefficient |
| :---: | :---: | :---: | :---: |
| Log hospital beds per 1000 | Male | $\begin{gathered} 0.41 \\ (0.36 \text { to } 0.45) \end{gathered}$ | $\begin{gathered} 1.50 \\ (1.44 \text { to } 1.57) \end{gathered}$ |
|  | Female | $\begin{gathered} 0.41 \\ (0.37 \text { to } 0.45) \end{gathered}$ | $\begin{gathered} 1.50 \\ (1.45 \text { to } 1.56) \end{gathered}$ |
| HAQ Index | Male | $\begin{gathered} 0.029 \\ (0.027 \text { to } 0.030) \end{gathered}$ | $\begin{gathered} 1.029 \\ (1.027 \text { to } 1.030) \end{gathered}$ |
|  | Female | $\begin{gathered} 0.028 \\ (0.026 \text { to } 0.029) \end{gathered}$ | $\begin{gathered} 1.028 \\ (1.027 \text { to } 1.029) \end{gathered}$ |
| All-cause mortality | Male | $\begin{gathered} \hline 2.14 \\ (2.11 \text { to } 2.17) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 8.49 \\ (8.25 \text { to } 8.73) \\ \hline \end{gathered}$ |
|  | Female | $\begin{gathered} 2.33 \\ (2.30 \text { to } 2.36) \end{gathered}$ | $\begin{gathered} 10.24 \\ (9.93 \text { to } 10.55) \\ \hline \end{gathered}$ |

## Section 4.3.4: Claims, inpatient hospital, and outpatient data

Claims, inpatient hospital, and outpatient data played a key role in the process of estimating many nonfatal causes in GBD 2019. All sources of administrative clinical data were aggregated and processed together for all causes of disease that included this type of data in their estimates. Data sources were heterogeneous in granularity, comprehensiveness, and level of detail, and the methods described below were used to transform data to be comparable and complete across locations, ages, sexes, and years, and causes.

Section 4.3.4.1 Claims data
For GBD 2019, we accessed aggregate data derived from the Truven database of USA private health insurance and subset of public insurance schemes of Medicaid and Medicare for the years 2000, 20102016. The population covered in each year was 3.3 million in 2000, 40.4 million in 2010, 44.4 million in 2011, 40.8 million in 2012, 42.2 million in $2013,36.4$ million in $2014,22.6$ million in 2015 , and 22.4 million in 2016. For each of these individuals, information on every health service encounter was collected and all episodes of care were linked to individuals by unique identifiers. Outpatient claims could have up to four diagnoses while inpatient claims had up to 15 diagnoses. Data from Taiwan (province of China), the Philippines, Poland, Russia, and Singapore were also incorporated as claims data. We mapped ICD diagnoses in each source to GBD causes. GBD conditions were extracted as "prevalence" or "incidence" depending on cause duration and based on the specification of the research team responsible for the cause. In a given year, for each individual in the claims data, a prevalent case was defined as any mention in any diagnostic field associated with any claim, including inpatient and outpatient encounters. To reduce noise from spurious coding practices, an additional requirement is placed on prevalence in outpatient claims whereby a minimum of two claims must be filed in a calendar year to count as a prevalent case. An incident case was defined the same way but assumed that claims within a condition-specific duration were the same case. In this way, an individual could have multiple incident cases in a given year, but double-counting of cases with multiple claims from a single illness episode was avoided.

Figure C. GBD 2019 Claims Data Processing

## Marketscan/claims data processing GBD 2019



Section 4.3.4.2 Inpatient hospital admissions
Inpatient hospital data were extracted from 4401 location-years in 45 countries. ICD coding was standardised across sources and versions of ICD. Counts of admissions with a primary diagnosis of each cause were extracted from all sources and modelled through the inpatient hospital process. Secondary diagnostic detail was included in estimation through corrections as described below. A case of any cause of disease was defined as an overnight inpatient admission with a primary diagnosis of that cause.

For GBD 2015, our use of hospital data in non-fatal disease estimation was limited by the challenge of accessing accurate information on coverage populations for any given data source. Section 4.1.4 of the appendix describes the modelling strategy that was developed for the hospital utilisation envelope, an estimate of admission per capita in each location. In GBD 2016, we used the hospital utilisation envelope in place of information on coverage population. We calculated age-specific and sex-specific cause fractions in each inpatient hospital data source and multiplied these fractions by the hospital utilisation envelope to produce incidence or prevalence rates. In GBD 2017, we used the same approach except the hospital envelope was measured in ST-GPR to accommodate admissions data reflecting newborns being delivered in facilities. In GBD 2019, we updated the modelling framework to the hospital utilisation envelope, adding all-cause mortality as a covariate and improving the space-time smoothing to more accurately fit locations with and without data.

We performed three adjustments on inpatient hospital data to synthesise all inpatient sources to the same definition of care and to account for cases that were not captured in some inpatient sources depending on data availability. Data were first adjusted to account for multiple admissions for a single case of disease. It was then adjusted to account for cases of any cause that were non-primary reasons for admission. Finally, admissions were scaled by the ratio of outpatient cases observed for any inpatient case of disease to account for additional cases that did not warrant an inpatient admission. Combined with the uncorrected version (with no scalar applied), this process resulted in four stages of incidence and prevalence estimates from inpatient hospital data: (1) (un-corrected) inpatient admissions by episode, primary diagnosis; (2) inpatient admissions by individual, primary diagnosis only; (3) inpatient hospital admissions, accounting for all diagnoses; and (4) an estimate of inpatient admissions and outpatient visits by individual, accounting for all diagnoses. Estimate 4 was applied to all causes except those where outpatient care or non-primary diagnosis was not expected based on the nature of the disease. Adjustment ratios were calculated using all clinical inpatient sources that had patient-level data and primary and non-primary diagnoses. Sources of this data include Marketscan and Taiwan (province of China) claims data as described above; claims and inpatient data from Singapore, the Philippines, Ecuador, and New Zealand; and the HCUP SID database spanning years 2003-2008. Only Marketscan and Taiwan (province of China) claims data included a link between inpatient and outpatient care to be used in the fourth estimate described. Ratios from these sources were modelled over age and sex using a mixed-effects model in MR-BRT for each cause. If data for any ratio did not exist for the youngest or oldest age groups, we assumed a uniform tail on the model from the nearest age group with data. All models were conducted in log-space in order to bound the model to be greater than one for any age, sex, and cause. We used the following equations for each of the three scalars:

1) Correction to account for multiple admissions, which gives us inpatient admissions by individual, primary diagnosis only
a. inpatient $t_{\text {admin }}^{1^{\circ}} *\left(\frac{\text { inpatient }_{\text {indiv }}^{1_{\text {inpatien }}^{\text {admin }}}}{\text { and }^{\circ}}\right)=$ inpatient $_{\text {indiv }}^{1^{\circ}}$
2) Correction to adjust for non-primary diagnoses, which gives us inpatient admissions by individual, all diagnoses
a. inpatient $t_{\text {admin }}^{1^{\circ}} *\left(\frac{\text { inpatient }_{\text {indid }}^{\text {inpatient }} \text { admin }^{\text {ald }}}{\text { in }}\right)=$ inpatient $_{\text {indiv }}^{\text {all }}$
3) Correction to account for inpatient and outpatient care, which gives us inpatient admissions and outpatient visits by individual for all diagnoses

Determination of maternal causes used separate cause-fractions and a different scalar calculated from a maternal hospital admissions rate instead of the hospital envelope, and the equation

$$
\left(\frac{\text { events }}{\# \text { of total hospital visits }}\right) *\left(\frac{\text { hospital visits }}{\text { live births }}\right) *\left(\frac{\text { births }}{\text { population }}\right)
$$

Determination of injuries used a separate correction factor from those described above which adjusted data that was only E-coded by data that contained E-codes and N-codes (nature of injury codes) with the following equation

$$
\frac{1}{\frac{E \text {-code primary } d x}{E \text {-code any } d x+N \text {-code any } d x}}
$$

A final adjustment was applied to each of the above estimates. The HAQ Index was used to account for differences in access and quality of health care across time and space. The HAQ Index adjustment was applied by dividing the above estimates by a scalar ranging from 0 to 100 , where 0 represents the first percentile of observed access and quality and 100 the 99th percentile.

Figure D. GBD 2019 Inpatient Hospital Data Processing
Inpatient hospital data processing GBD 2019


Section 4.3.4.3 Outpatient encounter data
Outpatient encounter data were available from the USA and Sweden for 109 location-years. No changes were made in the processing of outpatient data from GBD 2017, except for updates to the ICD mappings to GBD cause.

As with the inpatient hospital data, a scalar was calculated by using Marketscan claims data to adjust for multiple visits per individual within one year (for prevalent conditions) and within a cause-specific duration (for incident causes).

Figure E. GBD 2019 Outpatient data extraction process


## Section 4.3.5: Case notifications

Case notifications, active screening, intervention coverage studies, and surveillance contributed to estimates of infectious diseases. If data were available, we extracted it from survey and administrative microdata; otherwise, data were extracted from published literature and reports. For many infectious diseases and neglected tropical diseases (NTDs), we used of cases for which notification was made by countries to the WHO and other global monitoring entities. The causes for which we used WHO case notification data included tuberculosis, measles, yellow fever, rabies, dengue, cholera, whooping cough, human African trypanosomiasis (HAT), meningitis, all sexually transmitted infections, and other infectious diseases and NTDs, such as Ebola.

## Section 4.4: Data adjustment

Section 4.4.1: MR-BRT and Fitting Procedures
This section details the statistical models underlying MR-BRT, and fitting procedure used to obtain estimates. Further details on models and algorithms can be found in the technical report. ${ }^{47}$

The MR-BRT program is a set of wrappers customized for global health problems that use the open source mixed effects package LimeTr (https://github.com/zhengp0/limetr). We describe the basic functionality in the sections below.

Section 4.4.1.1 Mixed-Effects Model
We consider the following nonlinear mixed effects model:

$$
\begin{align*}
\boldsymbol{y}_{i} & =\mathbf{F}_{i}(\beta)+\mathbf{Z}_{i} \boldsymbol{u}_{i}+\boldsymbol{\epsilon}_{i} \\
\boldsymbol{u}_{i} & \sim N(\mathbf{0}, \boldsymbol{\Gamma}), \boldsymbol{\Gamma}=\operatorname{diag}(\gamma), \quad \boldsymbol{\epsilon}_{i} \sim N(\mathbf{0}, \boldsymbol{\Lambda}) \tag{1}
\end{align*}
$$

where $y_{i} \in \mathbb{R}^{n_{i}}$ is the vector of observations from the $i$ th study, $\boldsymbol{\epsilon}_{i} \in \mathbb{R}^{n_{i}}$ are measurement errors with given covariance $\boldsymbol{\Lambda}, \boldsymbol{u}_{i} \in \mathbb{R}^{k_{\gamma}}$ are independent random effects, and $\mathbf{Z}_{i} \in \mathbb{R}^{n_{i} \times k_{\gamma}}$ is a linear map, and $\beta$ are regression coefficients. The models $F_{i}$ may be nonlinear.

To fit $(\beta, \gamma)$ we solve the marginal likelihood problem:

$$
\begin{equation*}
\min _{\beta, \gamma} f(\beta, \gamma):=\sum_{i=1}^{m} \frac{1}{2}\left(y_{i}-\mathbf{F}_{i}(\beta)\right)^{\top}\left(\mathbf{Z}_{i} \boldsymbol{\Gamma} \mathbf{Z}_{\mathrm{i}}^{\top}+\boldsymbol{\Lambda}_{\boldsymbol{i}}\right)^{-1}\left(\boldsymbol{y}_{i}-\mathbf{F}_{i}(\beta)\right)+\frac{1}{2} \ln \left|\mathbf{Z}_{i} \boldsymbol{\Gamma} \mathbf{Z}_{\mathrm{i}}^{\top}+\boldsymbol{\Lambda}_{i}\right| \tag{2}
\end{equation*}
$$

When the model is linear, we can write:

$$
\begin{equation*}
\mathbf{F}_{i}(\beta)=\boldsymbol{X} \beta \tag{3}
\end{equation*}
$$

Linear models are very common in cross-walks, and for network analysis, which is detailed below.

## Section 4.4.1.2. Network Analysis

Network analysis is a special case of the linear model (3) that is used to compare multiple treatment effects. To explain the coding we use a running example with four treatments $A, B, C, D$.

For simplicity assume $A$ is this reference treatment. We then have the following coding.

$$
\begin{gathered}
A B \rightarrow B-A: \\
A C \rightarrow C-A:
\end{gathered} \quad\left[\begin{array}{lll}
{[1} & 0 & 0
\end{array}\right]
$$

We see from this simple example that the design matrix under the basic network assumption is always full rank, since a subset of rows forms the identity matrix.

Comparisons that do not include the reference can be computed. For example,

$$
\begin{gathered}
B C \rightarrow C-B=(C-A)-(B-A) \\
=\left[\begin{array}{lll}
0 & 1 & 0
\end{array}\right]-\left[\begin{array}{lll}
1 & 0 & 0
\end{array}\right] \\
=\left[\begin{array}{lll}
-1 & 1 & 0
\end{array}\right]
\end{gathered}
$$

Using this simple algebra, we quickly obtain the remaining codings.

$$
\left.\begin{array}{l}
B C \rightarrow C-B: \\
B D \rightarrow D-B:
\end{array} \begin{array}{lll}
{[-1} & 1 & 0
\end{array}\right]
$$

$$
C D \rightarrow D-C: \quad\left[\begin{array}{lll}
0 & -1 & 1
\end{array}\right]
$$

Each row of the design matrix $\boldsymbol{X}$ is coded according to the comparison.
When doing network analysis, the design matrix $\boldsymbol{X}$ does not include the intercept term ( $\mathbf{1}$ column).

Section 4.4.1.3. Constraints and Priors
The ML estimate (2) can be extended to incorporate nonlinear inequality constraints

$$
\mathbf{C}(\boldsymbol{\theta}) \leq c
$$

where $\boldsymbol{\theta}=(\beta, \gamma)$. Constraints play a key role for polynomial splines.
It is also essential to allow priors on parameters of interest. We assume that priors are given by a functional form

$$
\boldsymbol{\theta} \sim \exp (-\rho(\boldsymbol{\theta}))
$$

The likelihood problem is then augmented by adding the term $\rho(\boldsymbol{\theta})$ to the ML objective. The function $\rho$ may be nonlinear and nonconvex, but we assume it is smooth.

## Section 4.4.1.4. Trimming outliers

Least trimmed squares (LTS) is a robust estimator ${ }^{48,49}$ for the standard regression problem. Given the problem

$$
\begin{equation*}
\min _{\beta} \sum_{i=1}^{n} \frac{1}{2}\left(y_{i}-\left\langle\boldsymbol{X}_{i}, \beta\right\rangle\right)^{2}, \tag{4}
\end{equation*}
$$

the LTS estimator minimizes the sum of smallest $h$ residuals rather than all residuals. These estimators were initially introduced to develop linear regression estimators that have a high breakdown point (in this case 50\%) and good statistical efficiency (in this case $n^{-1 / 2}$ ). Breakdown refers to the percentage of outlying points which can be added to a dataset before the resulting M -estimator can change in an unbounded way. Here, outliers can affect both the outcomes and training data (features).

LTS estimators are robust against outliers, and arbitrarily large deviations that are trimmed do not affect the final $\hat{\beta}$.

Rather than writing the objective in terms of order statistics, it is far simpler to extend the likelihood using an auxiliary variable $\boldsymbol{W}$ :

$$
\begin{equation*}
\min _{\beta, \boldsymbol{W}} \sum_{i=1}^{n} w_{i}\left(\frac{1}{2}\left(y_{i}-\left\langle\mathbf{X}_{i}, \beta\right\rangle\right)\right)^{2} \quad \text { s.t. } \quad \mathbf{1}^{\top} \boldsymbol{W}=h, \quad \mathbf{0} \leq \boldsymbol{W} \leq \mathbf{1} . \tag{5}
\end{equation*}
$$

The set

$$
\begin{equation*}
\Delta_{h}:=\left\{\mathbf{W}: \mathbf{1}^{\top} \mathbf{W}=h, \quad \mathbf{0} \leq \mathbf{W} \leq \mathbf{1}\right\} \tag{6}
\end{equation*}
$$

is known as the capped simplex, since it is the intersection of the $h$-simplex with the unit box. ${ }^{48}$ For a fixed $\beta$, the optimal solution of (5) with respect to $\mathbf{W}$ assigns weight 1 to each of the smallest $h$ residuals, and 0 to the rest. Problem (5) is solved jointly in $(\beta, \mathbf{W})$, simultaneously finding the regression
estimate and classifying the observations into inliers and outliers. This joint strategy makes LTS different from post-hoc analysis, where a model is fit first with all data, and then outliers are detected using that estimate.

To explain how trimming enters the marginal likelihood problem, we focus on a single group term from the ML likelihood (2):

$$
\left(\frac{1}{2}\left(\boldsymbol{y}_{i}-\mathbf{F}_{i(\beta)}\right)^{\top}\left(\mathbf{Z}_{i} \boldsymbol{\Gamma}^{-1} \mathbf{Z}_{i}^{\top}+\boldsymbol{\Lambda}_{i}\right)^{-1}\left(\boldsymbol{y}_{i}-\mathbf{F}_{i}(\beta)\right)+\frac{1}{2} \ln \left|\mathbf{Z}_{i} \boldsymbol{\Gamma}^{-1} \mathbf{Z}_{i}^{\top}+\boldsymbol{\Lambda}_{i}\right|\right)
$$

We introduce auxiliary variables $\mathbf{W}_{i} \in \mathbb{R}^{n_{i}}$, and define

$$
\boldsymbol{r}_{i}:=y_{i}-\mathbf{F}_{i}(\beta), \quad \mathbf{W}_{i}:=\operatorname{diag}\left(\mathbf{W}_{i}\right), \quad \sqrt{\mathbf{W}_{i}}:=\operatorname{diag}\left(\sqrt{\mathbf{W}_{i}}\right)
$$

We now form the objective

$$
\begin{equation*}
\frac{1}{2} \boldsymbol{r}_{I}^{\top} \sqrt{\mathbf{W}_{i}}\left(\sqrt{\mathbf{W}_{i}} \mathbf{Z}_{i} \boldsymbol{\Gamma}^{-1} \mathbf{Z}_{i}^{\top} \sqrt{\mathbf{W}_{i}}+\boldsymbol{\Lambda}_{i}^{\odot \mathbf{W}_{i}}\right)^{-1} \sqrt{\mathbf{W}_{i}} \boldsymbol{r}_{i}+\frac{1}{2} \ln \left|\sqrt{\mathbf{W}_{i}} \mathbf{Z}_{i} \boldsymbol{\Gamma}^{-1} \mathbf{Z}_{i}^{\top} \sqrt{\mathbf{W}_{i}}+\boldsymbol{\Lambda}_{i}^{\odot} \mathbf{W}_{i}\right| \tag{7}
\end{equation*}
$$

where $\odot$ denotes the elementwise power operation:

$$
\Lambda_{i}^{\odot \mathbf{W}_{i}}:=\left[\begin{array}{cccc}
\left(\lambda_{1 j}\right)^{w_{i 1}} & 0 & \cdots & 0  \tag{8}\\
0 & \ddots & \ddots & \vdots \\
0 & \cdots & 0 & \left(\lambda_{i n_{i}}\right)^{w_{i n_{i}}}
\end{array}\right]
$$

When $w_{i j}=1$, we recover the contribution of the $i j$ th observation to the original likelihood. As $w_{i j} \downarrow 0$, the $i j$ th contribution to the residual is correctly eliminated by $\sqrt{w_{i j}} \downarrow 0$. The $j$ th row and column of $\sqrt{\mathbf{W}_{i}} \mathbf{Z}_{i} \boldsymbol{\Gamma}^{-1} \mathbf{Z}_{i}^{\top} \sqrt{\mathbf{W}_{i}}$ both go to 0 , while the $j$ th entry of $\Lambda_{i}^{\odot \mathbf{W}_{i}}$ goes to 1 , which effectively removes all impact of the $j$ th point on the covariance matrix.

For full details and analysis, please see the technical report. ${ }^{47}$

## Section 4.4.1.5. Final Estimator

Putting together the trimmed ML with priors and constraints, we arrive at the following estimator.

$$
\begin{gather*}
\min _{\beta, \gamma, \mathbf{W}} f(\beta, \gamma, \mathbf{W}):=\sum_{i=1}^{m} \frac{1}{2} r_{i}^{\top} \sqrt{\mathbf{W}_{i}}\left(\sqrt{\mathbf{W}_{i}} \mathbf{Z}_{i} \boldsymbol{\Gamma}^{-1} \mathbf{Z}_{i}^{\top} \sqrt{\mathbf{W}_{i}}+\boldsymbol{\Lambda}_{i}^{\odot \mathbf{W}_{i}}\right)^{-1} \\
\sqrt{\mathbf{W}_{i}} r_{i}+\frac{1}{2} \ln \left|\sqrt{\mathbf{W}_{i}} \mathbf{Z}_{i} \boldsymbol{\Gamma}^{-1} \mathbf{Z}_{i}^{\top} \sqrt{\mathbf{W}_{i}}+\boldsymbol{\Lambda}_{i}^{\odot \mathbf{W}_{i}}\right|+\rho(\beta, \gamma, \boldsymbol{\Lambda})  \tag{9}\\
\text { s.t. } \boldsymbol{r}_{i}=\boldsymbol{y}_{i}-\mathbf{F}_{i}(\beta), \quad \mathbf{1}^{\top} \mathbf{W}=h, \quad 0 \leq \mathbf{W} \leq 1, \quad \boldsymbol{C}\left(\frac{\beta}{\gamma}\right) \leq c .
\end{gather*}
$$

The fit is obtained using iterative optimization techniques. Problem (9) is nonlinear and non-smooth, and the optimization is implemented in the LimeTR package ${ }^{3}$ (https://github.com/zhengp0), and relies on the IPopt interior point method. ${ }^{50}$

Section 4.4.1.6. Nonlinear Dose-Response Curves with Constrained Splines

In this section we discuss spline models for dose-response relationships. General background on splines and spline regression are available elsewhere. ${ }^{51,52}$

## Section 4.4.1.6.1. B-splines and bases

A spline basis is a set of piecewise polynomial functions with designated degree and domain. If we denote polynomial order by $p$, and the number of knots by $k$, we need $p+k$ basis elements $s_{j}^{p}$, which can be generated recursively as illustrated in Figure A.

Figure A. Recursive generation of b-spline basis elements (orders 0, 1, 2)


Given such a basis, we can represent any dose-response relationship as the linear combination of the spline basis elements, with coefficients $\beta \in \mathbb{R}^{\mathrm{p}+\mathrm{k}}$ :

$$
\begin{equation*}
f(t)=\sum_{j=1}^{p+k} \beta_{j}^{p} s_{j}^{p}(t) \tag{10}
\end{equation*}
$$

These coefficients are then inferred as part of the general estimator (9) as discussed in the previous section. An explicit representation of (11) is obtained by building a design matrix $\mathbf{X}$. Given a set of $t$ values at which we have data, the $j$ th column of $\mathbf{X}$ is given by the expression

$$
\mathbf{X}_{\cdot, j}=\left[\begin{array}{c}
s_{j}^{p}\left(t_{0}\right)  \tag{11}\\
\vdots \\
s_{j}^{p}\left(t_{k}\right)
\end{array}\right] .
$$

The model for direct observations data coming from (11) can now be written compactly as

$$
\boldsymbol{y}=\mathbf{X} \beta+\mathbf{Z}_{i} \boldsymbol{u}_{i}+\boldsymbol{\epsilon}_{i}
$$

which is a special case of the main problem class (1).

Section 4.4.1.6.2. Shape constraints
We can impose shape constraints such as monotonicity, concavity, and convexity on splines. Constraints on splines have been developed in the past through reformulation techniques. ${ }^{53}$ The development in this section uses explicit constraints instead.

Monotonicity. Spline monotonicity across the domain of interest follows from monotonicity of the spline coefficients. ${ }^{51}$ Given coefficients

$$
\beta=\left[\begin{array}{c}
\beta_{1} \\
\vdots \\
\beta_{n}
\end{array}\right]
$$

the curve $f(t)$ in (11) is monotonically non-decreasing when

$$
\alpha_{1} \leq \alpha_{2} \leq \cdots \leq \alpha_{n}
$$

and monotonically non-increasing if

$$
\alpha_{1} \geq \alpha_{2} \geq \cdots \geq \alpha_{n}
$$

The relationship $\alpha_{1} \leq \alpha_{2}$ can be written as $\alpha_{1}-\alpha_{2} \leq 0$. Stacking these inequality constraints for each pair $\left(\alpha_{i}, \alpha_{i+1}\right)$ we can write all constraints simultaneously as

$$
\underbrace{\left[\begin{array}{ccccr}
1 & -1 & 0 & \cdots & 0 \\
0 & 1 & -1 & \cdots & 0 \\
\ddots & \ddots & \ddots & \ddots & \vdots \\
0 & \cdots & \cdots & 1 & -1
\end{array}\right]}_{\mathrm{C}}\left[\begin{array}{c}
\alpha_{1} \\
\alpha_{2} \\
\alpha_{3} \\
\vdots \\
\alpha_{n}
\end{array}\right] \leq\left[\begin{array}{c}
0 \\
0 \\
\vdots \\
0
\end{array}\right]
$$

These linear constraints are a special case of the general estimator (9) that allows $\mathbf{C}(\beta) \leq c_{\beta}$.
Convexity and Concavity. For any twice continuously differentiable function: $f: \mathbb{R} \rightarrow \mathbb{R}$, convexity and concavity are captured by the signs of the second derivative. Specifically, $f$ is convex if $f^{\prime \prime}(t) \geq 0$ is everywhere, and concave if $f^{\prime \prime}(t) \leq 0$ everywhere. We can compute $f^{\prime \prime}(t)$ for each interval, and impose linear inequality constraints on these expressions.

Enforcing linear tails. For large consumption with little data, we need the capability to ensure that the last segment of the spline is linear, with slopes that match the adjacent segment at the knot. The estimated spline is then a best fit to the data, subject to this specification. Priors on the tails can also be provided.

Figure B. Spline extrapolation. Left: linear extrapolation. Right: nonlinear extrapolation.


In general, using linear head and/or tail pieces to extrapolate outside the original domain or interpolate in the data sparse region is far more stable that using higher order polynomials, see figure $B$. The figure shows symmetric linear tail modifications, but for the analyses in the paper we only impose a right linear tail shape constraint.

## Section 4.4.1.6.3. Posterior Variance Estimation

To obtain posterior uncertainty, we use a parametric bootstrap. ${ }^{54}$ Once we solve (9) to obtain estimates $\hat{\beta}$ and $\hat{\gamma}$, we have a model distribution of the errors (1):

$$
\boldsymbol{y}_{i}=\mathbf{F}_{i}(\hat{\beta})+\mathbf{Z}_{i} \boldsymbol{u}_{i}+\boldsymbol{\epsilon}_{i}
$$

We sample datasets from this distribution to generate full data sets $\{\mathbf{Y}\}^{j}$, for $j=1, \ldots, N$. For each dataset $\mathbf{Y}^{j}$, we then re-solve the fitting problem (9) to obtain estimates $\hat{\beta}^{j}$ and $\hat{\gamma}^{j}$, and the set $\left\{\hat{\beta}^{j}, \hat{\gamma}^{j}\right\}$ over all $j$ allows us to estimate any posterior statistic we need.

In particular, the posterior set of dose-response curves is given by

$$
\left\{f(t)^{j}+u_{0}^{j}\right\}
$$

where $f(t)^{j}$ is the curve obtained by using the re-fit value $\hat{\beta}^{j}$, and $u_{0}^{j}$ is a sample from $N\left(0, \hat{\gamma}_{0}^{j}\right)$, the associated unexplained heterogeneity parameter.

Section 4.4.2: Bias adjustment for alternative case definitions and study methods In GBD 2019, we decided to do all our adjustments of non-fatal and risk exposure data to deal with alternative case definitions or study methods prior to entering data into our main analytical tools of DisMod-MR 2.1 and ST-GPR. This decision also included the adjustment of data presented for both sexes to a male and female equivalent. The starting point was to explicitly state the reference case definition and study method and identify alternative definitions and study characteristics that fall within our inclusion criteria.

We compiled data from both within-study comparisons (ie, data that used alternative and reference definitions in the same population) and between-study comparisons (ie, data that used an alternative definition in one population and a reference definition in another population that overlap in location, time, age, and sex) of different case definitions. For between-study comparisons, we allowed a maximum calendar year difference between studies of five years. Where validation studies (ie, those carried out at the introduction of a new set of diagnostic criteria comparing to previous criteria) were available, we extracted data on the comparison of alternative to reference. For quantities of interest with multiple alternative definitions/methods we also look for pairs comparing two alternatives. In a network analysis, if $A$ is the reference and $B$ and $C$ are two alternatives, a comparison of $A$ vs $B$ and $B$ vs $C$ provides an indirect comparison of the alternative $C$ against the reference $A$.

We pooled either the logit difference between alternative and reference or the natural log of the ratio of alternative to reference. From simulations we found that the two methods provide almost identical results for quantities that after adjustment do not exceed a value of 0.5 (eg, prevalence or proportion). The logit difference method much better dealt with higher values and avoided prevalence or proportions to exceed one. If the values of either the reference or alternative were zero, we aggregated
values across age groups until both values had non-zero observations. We used the delta method to compute the standard error of the reference and alternative measures in logit space. The standard error of the logit difference was computed as the square root of the sum of the variances of each data point in a pair.

## Section 4.4.2.1 Age-sex splitting

Age-sex splitting was commonly applied to literature data reported by age or sex but not by age and sex. For GBD 2019, we split all data reported in age groups with a width greater than 20 years, and we did so by using age patterns from available survey microdata or regional patterns derived from an initial run of the main modelling tool, DisMod-MR 2.1.

## Section 4.4.2.2 Data analysis

We used a network random effects meta-regression in meta-regression-Bayesian, regularised, trimmed (MR-BRT). In a network analysis, if $A$ is the reference and $B$ and $C$ are two alternatives, $a$ comparison of $A$ vs $B$ and $B$ vs $C$ provides an indirect comparison of the alternative $C$ against the reference $A$. To implement the network we included dummy variables with a particular structure. This was implemented as follows, where $A$ is the reference definition/method:

- Create $k$ dummy variables where $k$ are all definitions/methods other than $\mathrm{A}(\mathrm{eg}, k=\mathrm{B}, \mathrm{C})$
- Code dummy $k$ as
o 1 if the first term of the logit difference is $k$;
o -1 if $k$ is second term of the logit difference;
o 0 otherwise

For example:

| Study | Comparison | DummyB | DummyC |
| :---: | :---: | :---: | :---: |
| 1 | $\operatorname{logit}(\mathrm{~B})-\operatorname{logit}(\mathrm{A})$ | 1 | 0 |
| 2 | $\operatorname{logit}(\mathrm{~B})-\operatorname{logit}(\mathrm{A})$ | 1 | 0 |
| 3 | $\operatorname{logit}(\mathrm{C})-\operatorname{logit}(\mathrm{A})$ | 0 | 1 |
| 4 | $\operatorname{logit}(\mathrm{C})-\operatorname{logit}(\mathrm{A})$ | 0 | 1 |
| 6 | $\operatorname{logit}(\mathrm{C})-\operatorname{logit}(\mathrm{B})$ | -1 | 1 |

The coding structure outlined above in step 1 assumes that all case definitions are mutually exclusive. In some cases, however, individual case definitions are a function of different components
or dimensions. For example, case definitions may vary by the type of symptoms that a respondent experiences as well as the recall period over which those symptoms are experienced. In the presence of sparse data, it may be difficult to find both direct and indirect comparisons of all individual case definitions. In these case, an alternative approach is to assume different dimensions of case definitions have a multiplicative effect. In other words, the effect of recall period has the same relative effect across different categories of symptoms reported by respondents. To implement this coding scheme:

- Create $k$ dummy variable columns for each case definition dimension
- For each dummy variable k :
o Add 1 if $k$ is a component of the first term in the logit difference
o Subtract 1 if $k$ is a component of the second term in the logit difference
In MR-BRT, we ran random effects meta-regression of the logit difference (or log ratio) with all the $k$ dummy variables as covariates, omitting the intercept in the meta-regression. We used a study_id variable for the unique identifier of the reference and alternative studies (or alternative1 to alternative2). The coefficients on the $k$ dummy variables represent the pooled logit difference of the $k$ alternative definition to the reference taking into account evidence from both direct and indirect comparisons. In the example above, the coefficient on DummyA is the pooled logit difference of B minus $A$; the coefficient on Dummy B is the pooled logit difference of $C$ minus $A$. The standard error of the pooled logit difference incorporating the between study variance was calculated as:
$\operatorname{se}\left(\operatorname{logit}\left(\right.\right.$ difference $\left.\left._{k}\right)\right)=\sqrt{v a r_{k}+\gamma^{2}}$
Where:
$s e$ (logit difference $_{k}$ ) is the standard error of the pooled logit difference of alternative $k$ to the reference
$v a r_{k}$ is the variance of the coefficient on dummy variable $k$
$\gamma^{2}$ is the between-study variance
If both between and within study pairs were available, we examined whether there was a systematic difference between these. If there was a significant difference, we made judgement call as to whether within-study or between study data comparisons were most appropriate. In general, this was the within-study data, however, there were important measurement or conceptual reasons for choosing between-study data. For example, for crosswalks between self-reported height and weight compared to measured height and weight, between-study comparisons may be preferable if respondents knew they would be measured and, therefore, were less likely to misreport their height and weight.

We also examined whether there were systematic differences in the adjustments by key demographics (age, sex, geographic location, year) and other potential factors that may lead to variation in crosswalks. This could only be done at present in a direct comparison model and not in a network. We did this when there was a strong rationale, eg, biological plausibility, for variation by such characteristics.

After obtaining the pooled logit difference or log ratio estimates, we predicted adjustments based on the statistical model, including uncertainty in the adjustment and sampling error of each data point. For non-significant logit differences or log ratios we still applied the adjustments if there was a conceptual reason to believe that the alternative definition is biased. This expands the variance of these alternative definition data points.

Interpreting the coefficients of a logit difference model is not so straightforward as the adjustment to alternative data points is dependent of its value. For instance, the figure below on the left, shows the MR-BRT fit using a spline function by age to the logit differences of all overlapping pairs. The graph on the right indicates the adjustment by age for a hypothetical data point of 5\%. The larger logit difference at younger ages, and to a lesser extent older ages, leads to a greater downward (in this case) adjustment of the $5 \%$ data point than at the mid age range.


## Section 4.5: DisMod-MR 2.1 estimation²

Section 4.5.1: Estimation of sequelae and causes
The most extensively used estimation method is the Bayesian meta-regression method DisMod-MR 2.1. For some causes such as HIV/AIDS or measles, disease-specific natural history models have been used for which the underlying three state model in DisMod-MR 2.1 (susceptible, cases, dead) is insufficient to capture the complexity of a disease process. For some diseases with a range of sequelae differentiated by severity, such as COPD or diabetes mellitus, DisMod-MR 2.1 was used to meta-analyse the data on overall prevalence with separate DisMod-MR 2.1 models of the proportions of cases with different severity levels or sequelae. Likewise, DisMod-MR 2.1 was used to meta-analyse data on the proportions of liver cancer and cirrhosis due to underlying aetiologies such as hepatitis $B$, hepatitis $C$, and alcohol use.

## Section 4.5.2: DisMod-MR 2.1 description

Until GBD 2010, non-fatal estimates in burden of disease assessments were based on a single data source on prevalence, incidence, remission, or a mortality risk selected by the researcher as most relevant to a particular location and time. For GBD 2010, we set a more ambitious goal: to evaluate all
available information on a disease that passes a minimum quality standard. That required a different analytical tool that would be able to pool disparate information presented for varying age groupings and from data sources by using different methods. The DisMod-MR 1.0 tool used in GBD 2010 evaluated and pooled all available data, adjusted data for systematic bias associated with methods that varied from the reference, and produced estimates by world regions with Uls by using Bayesian statistical methods. For GBD 2013, the improved DisMod-MR 2.0 increased computational speed, which allowed computations to be consistent between all disease parameters at the country rather than the region level. The hundred-fold increase in speed of DisMod-MR 2.0 was partly due to a more efficient rewrite of the code in C++ but also to changing to a model specification by using log rates rather than a negative binomial model used in DisMod-MR 1.0. In cross-validation tests, the log rates specification worked as well or better than the negative binomial specification. ${ }^{39}$ The sequence of estimation occurs at five levels: global, super-region, region, country and, where applicable, subnational location. The super-region priors are generated at the global level with mixed-effects, nonlinear regression by using all available data; the super-region fit, in turn, informs the region fit, and so on down the cascade. The wrapper gives analysts the choice to branch the cascade in terms of time and sex at different levels depending on data density. The default used in most models is to branch by sex after the global fit but to retain all years of data until the lowest level in the cascade is reached.

The computational engine is limited to three levels of random effects; we differentiate estimates at the super-region, region and country level. In GBD 2013, the subnational units of China, the UK and Mexico were treated as "countries" to enable a random effect to be estimated for every location with contributing data. However, the lack of a hierarchy between country and subnational units meant that the fit to country data contributed as much to the estimation of a subnational unit as the fits for all other countries in the region. We found inconsistency between the country fit and the aggregation of subnational estimates when the country's epidemiology varied from the average of the region. Adding an additional level of random effects required a prohibitively comprehensive rewrite of the underlying DisMod-MR engine. Instead, we added a fifth layer to the cascade, with subnational estimation informed by the country fit and country covariates, plus an adjustment based on the average of the residuals between the subnational location's available data and its prior. This technique mimicked the impact of a random effect on estimates between subnationals.

In GBD 2015, we also improved how country covariates differentiate non-fatal estimates for diseases with sparse data. The coefficients for country covariates are re-estimated at each level of the cascade. For a given location, country coefficients are calculated by using both data and prior information available for that location. In the absence of data, the coefficient of its parent location is used to utilise the predictive power of our covariates in data-sparse situations.

For GBD 2016, the computational engine (DisMod-MR 2.1) remained substantively unchanged from GBD 2015. We changed the prediction year set to generate fits for the years 1990, 1995, 2000, 2005, 2010, and 2016. We updated the age prediction sets to include age groups $80-84$ years, $85-89$ years, 90-94 years, and 95 years and older to comply with changes across all functional areas of the GBD. We also expanded the set of locations where subnational units are modelled; the set now includes Brazil, China, England, India, Indonesia, Japan, Kenya, Mexico, South Africa, Sweden, and the US.

In GBD 2017, we continued to use DisMod-MR 2.1 because no substantial changes were made. Updates to computation include extending the terminal prediction year to 2017 and additional subnational units in Ethiopia, Iran, New Zealand, Norway, and Russia. Saudi Arabia was also modelled only at the national level in 2017.

In GBD 2019, no substantial changes were made to DisMod-MR 2.1 but we made more substantial changes to how we use the tool. First, we added the year 2019 as an additional year of estimation. Second, we also included the option again to have random effects on cause-specific mortality rates (CSMR) and EMR This functionality had been dropped a couple of GBD rounds earlier. Third, as we did all our adjustments for alternative case definition and study methods as well as adjustments to both sex data points prior to entering data into DisMod-MR 2.1, we no longer used the functionality in DisModMR 2.1 to estimate coefficients for study covariates.

Fourth, based on simulation testing we found that coverage improved and errors reduced when passing down priors with a wider setting of minimum coefficient of variation (which determines the uncertainty around priors and hence how 'informative' the priors are) than had generally been used in past GBD iterations. We settled on a default value of 0.8 where in the past values of 0.4 or less had been more commonly used. We made some exceptions for high prevalent conditions where a lower minimum coefficient of variation (CV) setting achieved the task of making priors less informative but not completely uninformative.

We carried out simulation testing using DisMod-MR 2.1 based on an internally consistent set of 15,601 data points for prevalence, incidence, excess mortality, CSMR, and remission. The dataset was generated by the simulation capability of the DisMod-AT tool that is under development. We aimed to test what level of minimum CV would create the best fit based on the following three performance statistics:
(1) Coverage, ie, the proportion of data point mean values that fall between the $2.5^{\text {th }}$ and $97.5^{\text {th }}$ percentile of the draws of the fit values;
(2) Root mean square error: the square root of the mean of the squares of the difference between data point mean values and the mean fit value; and
(3) Bias: the difference between the mean fit value and the data point mean value.

We created different datasets culling the initial complete set with values at every age, sex, and location to more realistic data sparsity scenarios for analysis.

A first strategy was to randomly reduce the dataset to $10 \%, 5 \%, 2.5 \%, 1 \%$, and $0.5 \%$ of the original data points. Initial results indicated little variation between the data samples culled to $10 \%, 5 \%, 2.5 \%$, and $1 \%$. The $0.5 \%$ culled dataset was an exception with markedly worse performance statistics, particularly with regard to bias and RMSE as illustrated in figure 1. We conducted further studies using the datasets culled to $10 \%, 5 \%$, and $0.5 \%$.

Figure 1. Performance statistics for randomly culled datasets



$-0.5 \%$
$-1 \%$

$\phi \quad \phi$
$\stackrel{\rightharpoonup}{\circ} \mathrm{O}$
咢

The second strategy was to compare randomly culled dataset for $10 \%, 5 \%$, and $0.5 \%$ with datasets culled to the same percentages, but differentially by SDI, such that we culled all the data in sub-Saharan Africa and for the other super-regions based on the probability diminishing with increasing SDI. This pattern of differential data coverage by SDI is commonly observed in datasets used for modelling. The plots shown in figure 2, generally also show diminished performance for this more realistic scenario of differential sparseness by location based on SDI.

Figure 2. Performance statistics comparing randomly and differentially culled datasets.



A third strategy was to apply a further distinction of complete culling of either prevalence and CSMR, or incidence data points, using the $10 \%$ randomly culled or $10 \%$ differentially culled datasets as comparators. In these scenarios, we found that the coverage statistic starts to level off at a value of 0.8 for minimum CV. All three metrics are much worse for datasets with incidence data culled. Performance statistics for this strategy are shown in figure 3.

Figure 3. Performance statistics comparing datasets with specific measures held out vs. randomly or differentially culled datasets.



Fifth, we changed our approach to estimating excess mortality rates, the key link in the model between cause-specific mortality rates (CSMR) and incidence and prevalence. In the past two GBD rounds we calculated priors on excess mortality and entered these as data points by matching sex-specific prevalence data with an age width of 20 or less with the corresponding CSMR for the same location and year. For stability sake, we excluded calculation of EMR for prevalence data points of less than 1 in a million. EMR is simply calculated as CSMR divided by prevalence. As with previous GBD years, for diseases with an average duration of less than a year (as indicated by a setting of remission greater than one), we ran an initial global model to get an equivalent prevalence and used the following formula to calculate EMR:

$$
E M R=\text { CSMR } *\left(\text { remission }+(\text { ACMR }- \text { CSMR })+E M R \_p r e d\right) / \text { incidence }
$$

where,
ASMR is the all-cause mortality rate
EMR_pred is the EMR fit from an initial global DisMod model
Despite using the log of LDI or the HAQ Index as a covariate with a prior that the coefficient had to be negative, we found many disease models with an implausible distribution of mortality to prevalence (or incidence) ratios implying lower case fatality in locations with lower HAQ Index than in countries with higher HAQ Index. This likely signals an inconsistency between fatal and non-fatal data inputs. For GBD 2019, we decided to run regressions on EMR data (calculated as described above) first using MR-BRT with HAQ Index as a predictor. In general, we tend to think that CSMR estimates are more robust than non-fatal data because of much greater data availability and a lesser task in adjusting cause death data for garbage coding than the complex task of adjusting non-fatal data sources for alternative case definitions and study methods. To indicate that we would reduce the random effects on EMR and the minimum coefficient of variation for priors on EMR being created at each next level down the cascade. However, there were exceptions. For drug use disorders, the risk of overdose deaths is less a function of a country's quality of health services but driven more by the availability of harm reduction strategies such as opioid substitution therapy and the availability of highly potent opioids such as fentanyl, which have been an important contributor to the large increase in overdose deaths in the USA in the last decade. We settled on a model for opioid use disorder with wider random effects and higher minimum coefficient of variation to give less emphasis on CSMR when enforcing consistency with prevalence data. In a next round, we will work to find covariates that are more relevant to drug overdose deaths such as a grading of harm reduction strategies by country and over time. In the case of COPD, we noted that following the data on CSMR and EMR led to large increases in prevalence estimates in east Asia, Oceania and, to a lesser extent, south Asia. In the oldest age groups, prevalence estimates would be higher than the prevalence data for these locations and reach a level of close to $80 \%$ in the oldest age groups. In these locations, we will pay attention to how garbage codes are being redistributed onto COPD in the next round of GBD.

Section 4.5.3: DisMod-MR 2.1 likelihood estimation
Analysts have the choice of using a Gaussian, log-Gaussian, Laplace, or Log-Laplace likelihood function in DisMod-MR 2.1. The default log-Gaussian equation for the data likelihood is

$$
-\log \left[p\left(y_{j} \mid \Phi\right)\right]=\log (\sqrt{2 \pi})+\log \left(\delta_{j}+s_{j}\right)+\frac{1}{2}\left(\frac{\log \left(a_{j}+\eta_{j}\right)-\log \left(m_{j}+\eta_{j}\right)}{\delta_{j}+s_{j}}\right)^{2}
$$

Where,
$y_{j}$ is a "measurement value" (ie, data point)
© denotes all model random variables
$\eta_{j}$ is the offset value, eta, for a particular "integrand" (prevalence, incidence, remission, excess mortality rate, with-condition mortality rate, cause-specific mortality rate, relative risk, or standardised mortality ratio)
$a_{j}$ is the adjusted measurement for data point j , defined by

$$
a_{j}=e^{\left(-u_{j}-c_{j}\right)} y_{j}
$$

Where:
$u_{j}$ is the total "area effect" (ie, the sum of the random effects at three levels of the cascade:
super-region, region and country) and
$c_{j}$ is the total covariate effect (ie, the mean combined fixed effects for sex, study level, and country level covariates), defined by

$$
c_{j}=\sum_{k=0}^{K[I(j)]-1} \beta_{I(j), k} \hat{X}_{k, j}
$$

with SD

$$
s_{j}=\sum_{l=0}^{L[I(j)]-1} \zeta_{I(j), l} \hat{Z}_{k, j}
$$

Where:
$k$ denotes the mean value of each data point in relation to a covariate (also called $x$-covariate)
$I(j)$ denotes a data point for a particular integrand, $j$
$B_{I(j), k}$ is the multiplier of the $k^{\text {th }} x$-covariate for the $i^{\text {th }}$ integrand
$\widehat{X}_{k, j}$ is the covariate value corresponding to the data point $j$ for covariate $k$;
I denotes the SD of each data point in relation to a covariate (also called z-covariate)
$\zeta_{1(j), k}$ is the multiplier of the $t^{\text {th }} \mathbf{z}$-covariate for the $i^{\text {th }}$ integrand
$\delta_{j}$ is the SD for adjusted measurement $j$, defined by:

$$
\delta_{j}=\log \left[y_{j}+e^{\left(-u_{j}-c_{j}\right)} \eta_{j}+c_{j}\right]-\log \left[y_{j}+e^{\left(-u_{j}-c_{j}\right)} \eta_{j}\right]
$$

Where:
$m_{j}$ denotes the model for the $j^{t h}$ measurement, not counting effects or measurement noise, and defined by:

$$
m_{j}=\frac{1}{B(j)-A(j)} \int_{A(j)}^{B(j)} I_{j}(\mathrm{a}) \mathrm{da}
$$

Where:
$A(j)$ is the lower bound of the age range for a data point
$B(j)$ is the upper bound of the age range for a data point
$l_{j}$ denotes the function of age corresponding to the integrand for data point $j$

## Section 4.6: Impairment and underlying cause estimation ${ }^{2}$

For GBD 2019, as in GBD 2017 and GBD 2016, we estimated the country-age-sex-year prevalence of nine impairments. Impairments in GBD are conditions or specific domains of functional health loss that are spread across many GBD causes as sequelae and for which there are better data to estimate the occurrence of the overall impairment than for each sequela based on the underlying cause. These impairments included anaemia, epilepsy, hearing loss, heart failure, intellectual disability, infertility, vision loss, Guillain-Barré syndrome, and pelvic inflammatory disease. Overall impairment prevalence was estimated by using DisMod-MR 2.1. We constrained cause-specific estimates of impairments, as in the 19 causes of blindness, to sum to the total prevalence estimated for that impairment. Anaemia, epilepsy, hearing loss, heart failure, and intellectual disability were estimated at different levels of severity. Estimates were made separately for primary infertility (those unable to conceive), secondary infertility (those having trouble conceiving again), and whether the impairment affected men and/or women. In the case of epilepsy, we determined the proportions with idiopathic and secondary epilepsy as well as the proportions with severe and less severe epilepsy by using mixed effects regressions. The sparse data for the proportion of seizure-free, treated epilepsy were pooled in a random effects metaanalysis. DisMod-MR 2.1 models produced country-, age-, sex-, and year-specific severity levels of hearing loss and vision loss. Because of limited information on the severity levels of intellectual disability, we assumed a similar distribution of severity globally based on random effects meta-analysis of IQ-specific data for the overall impairment. This assumption was supplemented by cause-specific severity distributions for chromosomal causes and iodine deficiency; the severity of intellectual disability included in the long-term sequelae of causes including neonatal disorders, meningitis, encephalitis, neonatal tetanus, and malaria was estimated in combined health states of multiple impairments such as motor impairment, blindness, and/or seizures. ${ }^{55}$ We changed the name of the intellectual disability impairment to specify that estimates reflect cases arising during the developmental period, which we have defined as ages under 20 years. The severity of heart failure was derived from our Medical Expenditure Panel Surveys (MEPS) analysis and therefore was not specific for country, year, age, or sex.

A detailed description of the methods of each impairment can be found at the end of Section 4.12 of this appendix.

Section 4.6.1: Impairment squeeze
For impairments like epilepsy, intellectual disability, and blindness, mentioned above in Step 4, we often have better information regarding the total prevalence of the impairment rather than the prevalence of said impairment due to its various causes. For example, we have more data and a better idea of the total number of blind individuals (which we refer to herein as the blindness "envelope") in the world than we do the number of individuals who are blind due to a specific cause like retinopathy of prematurity or
cataract. We achieve this consistency by either squeezing or inflating the individual sequela prevalence values so that their sums fit into each appropriate envelope. Blindness, epilepsy, and/or intellectual disability appear in various combinations with motor impairment levels as sequelae for a number of neonatal disorders and infectious diseases like malaria and neonatal tetanus ("Moderate motor impairment with blindness and epilepsy due to neonatal tetanus", for example). This presents an extra challenge because any squeeze or inflation of one of the impairments making up a sequela affects the others.

We set some rules on how to do these adjustments sequentially. First, when the envelope of an impairment is smaller than the sum of all contributing causes, we redistribute the excess prevalent cases of combined impairment sequelae onto the sequelae that only have motor impairment (at a mild, moderate, or severe level) within the same cause grouping. Second, we apply the adjustments in a particular order such that we always fit at least one of the envelopes exactly where the other one or two envelopes may be exceeded by some amount. We first enforce a fit to the epilepsy impairment envelope, then intellectual disability, and last, blindness. Thus, the epilepsy envelope always matches exactly, whereas the intellectual disability and blindness envelopes may occasionally be exceeded on a draw-by-draw basis.

## Section 4.7: Severity distribution ${ }^{2}$

Sequelae were defined in terms of severity for 169 causes. We generally followed the same approach for estimating the distribution of severity we used in GBD 2017. In cases in which severity was related to a particular impairment, such as mild, moderate, and severe heart failure due to ischaemic heart disease or the newly added cause of pulmonary arterial hypertension, the analysis was driven by impairment estimation methods. Severity levels for causes such as chronic kidney disease, epilepsy and COPD were modelled using DisMod-MR 2.1 or ST-GPR, whereas we performed meta-analyses to estimate the allocation of severity for causes such as rheumatoid arthritis, and multiple sclerosis. For dementia, we changed from using meta-analysis of three age categories to a more flexible model in MR-BRT using a spline on age. That allowed us to increase the number of studies informing severity from 7 to 67 . For gallbladder and biliary diseases, we performed a meta-analysis of six community-based studies of the proportion of cases of gallbladder disease identified by ultrasonography who are symptomatic. In previous rounds, inpatient admission for gall bladder and biliary disease as a primary diagnosis were taken to represent symptomatic cases. For the new cancer sites included in GBD 2019, we used the same strategy as for all other cancer sites. For the newly added sites of osteoarthritis of the hand and sites other than hip or knee, we assumed the same severity distribution as for osteoarthritis of the knee.

For many causes, we continue to have inadequate data on severity from surveys or the epidemiological literature. For those diseases, we made use of three population surveys: the MEPS 2000-2014, the [US] National Epidemiological Survey on Alcohol and Related Conditions (NESARC) 2000-2001 and 20042005, and the Australian National Survey of Mental Health and Wellbeing of Adults (NSMHWB) 1997. ${ }^{56-}$ ${ }^{58}$ Each dataset contained individual-level measurements of functional health status made by using the 12-Item Short Form Health Survey (SF-12) as well as diagnostic information on the causes affecting each individual.

To use the data collected by measuring the distribution of severity with the SF-12, the individual SF-12 summary scores were mapped to an equivalent DW. A convenience sample of respondents was asked to complete SF-12 for the hypothetical individual living in a health state described by using a selection of 60 of the 235 health states with their lay descriptions from the GBD DW surveys reflecting the full range of severity. Each of these health states has a measured DW associated with it on a zero to one scale. We collected 1980 usable responses in total. To deal with heterogeneity in responses, we excluded from the statistical analysis responses that were more than two median absolute deviations from the median for each health state. After correcting for outliers, the rank order correlation between SF-12 scores for the hypothetical individuals in each health state characterised by the lay description with the measured DW was -0.815 . The health states served as random effect groups such that the composite score would be equal to the intercept plus the random effect estimated for that health state, or

$$
D W_{i}=\alpha+U_{\text {health state }}
$$

The final relationship between SF-12 score and DW is depicted in figure A:
Figure A. SF-12 composite scores and disability weights for 60 health states with fitted loess regression


To generate a smooth mapping from SF-12 combined scores to the GBD DW space, we used locally estimated scatterplot smoothing regression on the random effects for each health state. Because DWs are defined in the range from 0 to 1 , we truncated the function at a combined SF-12 score of 116.36 (any combined score above this level was set to 0 ) and truncated the function at 42.7 so that any combined score less than that value was set to 1 . All SF-12 survey data were thus transformed into DW space.

The second stage of the analysis was to build models predicting the transformed SF-12 scores as a function of the number of causes suffered by each individual. First, variable selection was performed by using least absolute shrinkage and selection operator (LASSO) regression to penalize the regression coefficients of highly correlated causes. The tuning parameter, $\lambda$, controls the strength of the leastsquares penalty. When $\lambda=0$, LASSO regression returns the same results as ordinary least-squares regression. Higher values of $\lambda$ impose a stronger penalty and constrain a greater number of model parameters to 0 . A ten-fold cross-validation was used to find the value of the $\lambda$ that minimized the mean cross-validated error. This process resulted in a $\lambda$ value of 0.0013 and eliminated 10 causes from the analysis. Transformed SF-12 scores into the DW scale for the remaining 190 causes were then modelled for each measure $m$ of each individual $i$ over $n$ total causes in the survey as follows:

$$
\operatorname{logit}(D W)_{i m}=\beta_{0}+\beta_{1} \text { Condition } 1_{i m}+\cdots+\beta_{n} \text { Condition } n_{i m}
$$

This equation effectively assumes that comorbid causes act to change SF-12 scores in a multiplicative fashion rather than an additive fashion.

To estimate the comorbidity-corrected effect of each cause (ie, in isolation) on total disability, we compared the predicted DW without the cause of interest (counterfactual DW) with the predicted DW including the cause of interest. Following the multiplicative comorbidity equation, the joint effect can be written

$$
\text { Condition specificDW }=1-\frac{1-\text { predictedD } W_{m}}{1-\text { counterfactualDW } W_{m}}
$$

The mean of this cause-specific effect over all observations is the population marginal effect of a cause.
Using the model above, we estimate a counterfactual DW - the total individual DW excluding the effect of the cause of interest. We compared the observed distribution of functional health status with this counterfactual distribution to determine the marginal effect of the cause of interest. In other words, we estimated the health state for each individual and for each cause as the cumulative individual weight minus the effects of all comorbid causes.

$$
\text { Health state } D W=1-\frac{1-\text { individual cumulative } D W_{m}}{1-\text { counterfactualD } W_{m}}
$$

The estimation strategy for health state-specific severity distributions for which there are multiple severity categories involved binning individuals' weights into severity cut-offs (eg, mild, moderate, and severe) for which DWs were derived. These bins were defined by using results from the GBD Disability Weights Studies ${ }^{59}$ for causes that had multiple health states defined. Cut-offs were taken as the midpoints between levels of health state and cases distributed into severity bins accordingly. Cases were considered asymptomatic if the counterfactual weight was equal to or greater than the individual cumulative weight.

## Section 4.8: Disability weights ${ }^{2}$

To compute YLDs for a particular health outcome in a given population, the number of people living with that outcome is multiplied by a DW that represents the magnitude of health loss associated with the
outcome. DWs are measured on a scale from 0 to $1 ; 0$ implies a state equivalent to full health, and 1 , a state equivalent to death.

DWs used in GBD studies before GBD 2010 have been criticized for the method used (ie, person tradeoff), the small elite panel of international public health experts who determined the weights, and the lack of consistency over time as the GBD cause list expanded and additional DWs from a study in the Netherlands ${ }^{60}$ were added or others were derived by ad-hoc methods.

## Section 4.8.1: GBD 2010 disability weights measurement study

For GBD 2010, a primary data collection effort focused on measuring health loss rather than welfare loss by using a standardised approach of simple comparison questions directed to the general public across diverse communities.

Multi-country household surveys were conducted between Oct 28, 2009 and June 23, 2010 in five countries (Bangladesh, Indonesia, Peru, Tanzania, and the USA) selected to provide diversity across culture, language, and socioeconomic status.

Personal face-to-face computer-assisted interviews were conducted for all household surveys except for the survey in the US, which was conducted by computer-assisted telephone interview. Households were randomly selected by using a multistage stratified sampling design for which the probability of selection was proportional to the population size. In all cases, samples were designed to be representative of a given geographical area and, in the USA, to provide national representation.

For every contacted household, an adult respondent age 18 years or older was randomly selected by the survey program by means of the Kish approach. For face-to-face interviews, as many as three visits were made to selected households to establish contact. When a respondent was identified, as many as three return visits were made to do the survey at a time when the respondent was available. For the US telephone surveys, repeated calls were made up to seven times.

A web-based survey was posted at a dedicated URL between July 26, 2010 and May 16, 2011. The survey was initially available in English and subsequently available in Spanish and Mandarin. Recruitment of respondents occurred through several channels, such as news items and editorials in scientific journals, announcements at scientific meetings, postings on websites of institutions participating in the GBD, and social networking and communication mobilisation channels as well as direct contact with individuals and groups with known global health interests by tapping into the professional networks of the study investigators and their colleagues. Participants in the web-based survey were required to be ages 18 or older. Household surveys obtained oral informed consent from all participants; written informed consent was obtained from participants in the web survey. Ethical review board approval was obtained from each household survey site and the University of Washington, Seattle, WA.

Standardised survey instruments were developed to obtain comparative assessments of the full array of disease and injury sequelae, parsimoniously captured in 220 unique health states. Lay descriptions of health states formed the basis for all comparisons. These descriptions used simple, non-clinical vocabulary that emphasised the major functional consequences and symptoms associated with each
health state. Development of these descriptions involved an iterative process of detailed consultation with experts participating in the GBD 2010 study; the goals was to capture the most relevant details of each health state while avoiding ambiguity and ensuring consistency. When possible, health states were grounded in standard clinical classifications systems. For example, the Canadian Cardiovascular Society grading scale was referenced for descriptions of stages of angina, ${ }^{61}$ and the New York Heart Association functional classification was referenced for severity of heart failure. ${ }^{62}$ Pilot testing indicated that the lay descriptions in face-to-face interviews should not exceed 30 words.

A paired comparison question formed the basis of all surveys. The questions in the survey were framed with the following statement, "A person's health may limit how well parts of his body or mind work. As a result, some people are not able to do all of the things in life that others may do, and some people are more severely limited than others. I am going to ask you a series of questions about different health problems. In each question, I will describe two different people..." Descriptions of two hypothetical people, each with a particular health state, were presented to respondents who were then asked which person they regarded as healthier. Health pairs in all surveys were selected by a randomizing computer algorithm. In the five household surveys, paired comparisons were presented for a subset of 108 health states pertaining to chronic conditions. The framing of chronic and acute conditions is different as they were presented as causing life-long or temporary health loss. We chose to only field health states that could be framed as lasting a lifetime in the household surveys as we hypothesized that presenting differently framed comparisons would be difficult to convey in face-to-face interviews. In the web survey, we considered this more feasible because respondents could read and refer to the framing of the question for each pair-wise comparison. All 220 health states were thus evaluated in the web survey.

In addition, the web survey included questions relating to population health and health programs specifically—such as "Imagine two different health programs. The first program prevented 1000 people from getting an illness that causes rapid death. The second program prevented 2000 people from getting an illness that is not fatal but causes lifelong health problems resulting in moderate to severe disability. Which program would you say produced the greater overall health benefits?" This information was used to anchor the results from the pair-wise comparisons on the 0-1 DW scale.

## Section 4.8.2: GBD 2013 European disability weights measurement study

The GBD 2010 DWs were critically dependent on the ways that outcomes were described to survey respondents. Descriptions for health states were designed to balance validity and parsimony, and this approach necessarily meant that some details of different health states had to be omitted. Because lay descriptions were developed collaboratively through individual expert groups organised around a particular set of health issues, some amount of variability in language and detail inevitably occurred. Criticisms and suggestions for improvement came from a number of commentators on the GBD 2010 DWs measurement study. ${ }^{63-65}$

GBD 2013 expanded the list of disease and injury causes and sequelae mapped to 235 unique health states. Additional data for the European Disability Weights Measurement Study were collected between September 23, 2013 and November 11, 2013 in Hungary, Italy, the Netherlands, and Sweden. The
initiation of these surveys was connected to a project sponsored by the European Centre for Disease Prevention and Control (the Burden of Communicable Diseases in Europe project). ${ }^{66}$ The four selected countries were chosen to be representative of the four regions of Europe (east, south, middle, and north) in terms of age, sex, and education of the respondents. Respondents were recruited from standing internet panels in each country on the basis of quota sampling with reference to age, sex, and education in such a way as to maintain the population representativeness of these characteristics. Eligible participants were 18-65 years old and were preselected in the Netherlands, where the age, sex, and education of respondents were already known, or in the other three countries, invited to participate via a web-link and then selected on the basis of their individual characteristics.

The protocol for the European DWs measurement study followed the protocol that was developed and implemented in the GBD 2010 DWs measurement study. Lay descriptions for some health states that lacked mention of an important symptom or for which consistency of wording across different levels of severity had been noted were reworded. The European DWs measurement study included 255 health states, of which 183 were used in the analyses of GBD 2013. Those 183 consisted of 135 of the 220 health states that were included in the European DWs measurement study with unmodified lay descriptions and 30 from GBD 2010 for which alternative lay descriptions were included. DWs were estimated for additional sequelae that were incorporated into GBD 2013 but had not been included in GBD 2010.

Finding high correlation in resulting DW values between the country surveys and the web survey, we analysed the results of all surveys together. We ran probit regression analyses on the answers to the pair-wise comparison questions by using dummies for each health state with a value of 1 for the first state in a pair, -1 for the second state in a pair, and 0 for all states other than the pair. This method formalizes the intuition that if two health states in a pair produce similar health loss, the answers are likely to be evenly split; a pair of health states with very different health loss get many more responses favouring one over the other. The statistical methods infer the distances between values attached to different health states based on the frequencies of responses to the paired comparisons.

A second analytic step is needed to anchor the resulting estimates onto the 0-1 DWs scale. We anchored results from the probit regression analysis onto the $0-1$ scale by using population health equivalence data from the GBD 2010 web survey by using a linear regression of the probit coefficients from the analysis of paired comparisons on the logit-transformed DW estimates derived from interval regression of the population health equivalence responses. Using numerical integration, we then estimated mean values for DWs on the natural 0-1 scale. Uncertainty was estimated by bootstrapping with 1000 samples.

A complete listing of the lay descriptions and values for the 440 health states (including combined health states) used in GBD 2019 is provided in table S12.

## Section 4.9: Comorbidity correction (COMO) ${ }^{2}$

The final stage in the estimation of YLDs is a micro-simulation, which adjusts for comorbidity. We refer to this micro-simulation process as "COMO" (for comorbidity correction). For GBD 2019, we estimated the co-occurrence of different diseases by simulating 40,000 individuals in each location-age-sex-year
combination as exposed to the independent probability of having any of the sequelae included in GBD 2019 based on disease prevalence. We tested the contribution of dependent and independent comorbidity in the US MEPS data and found that independent comorbidity was the dominant factor even though well-known examples of dependent comorbidity exist, such as clustering of conditions like diabetes and stroke or anxiety and alcohol use disorders. Age was the main predictor of comorbidity such that age-specific micro-simulations accommodated most of the required comorbidity correction. ${ }^{67}$

The two components necessary for the computation of YLDs, prevalence of each disease sequelae and DWs, are the two inputs into COMO. The prevalence values are primarily produced by using DisMod-MR 2.1. The DWs have been described earlier in this appendix.

The micro-simulation, as performed for each age-sex-location-year, can best be represented as a fourstep process. First, simulants are exposed to independent probabilities of having each sequela, where the probability is equal to the prevalence estimate. For each simulant, the probability of having a disease sequela is equal to the estimated prevalence from that draw from the uncertainty distribution. Each simulant is determined to have or not have the disease sequelae based on a draw from a binomial distribution. From this simulation, simulants end up having from no to multiple disease sequelae. Second, the DW for each simulant is estimated on the basis of the disease sequelae that they have acquired. The formula for the cumulative DW for a simulant is one minus the multiplicative sum of one minus each DW present

$$
\text { Simulant } D W_{l}=1-\prod_{k=i}^{j}\left(1-D W_{k}\right)
$$

Where:
$D W_{k}$ is the DW for the $k^{\text {th }}$ disease sequela that the simulant / has acquired.
Once the simulant DW is computed, the DW attributable to each sequela for the simulant is calculated by using the following formula:

$$
A D W_{l k}=\frac{D W_{k}}{\sum_{k=i}^{k=j} D W_{k}} * \text { Simulant } D W_{l}
$$

Where:
$A D W_{l k}$ is the attributable DW for disease sequela $k$ in simulant /
$D W_{k}$ is the DW for disease sequela $k$
Simulant $D W_{l}$ is the DW for simulant / from the combination of all sequelae that they have acquired.

This formula apportions the overall simulant DW to each condition in proportion to the DW of each condition in isolation.

Finally, YLDs per capita in an age-sex-country-year are computed by taking the sum of the attributable DWs for a disease sequela across simulants.

$$
Y L D \text { Rate }_{k}=\frac{\sum_{l=1}^{n} A D W_{l k}}{n}
$$

The actual number of YLDs from disease sequela $k$ in an age-sex-location-year is then computed as the YLD rate $k$ times the appropriate age-sex-location-year population.

By repeating the simulation process for each age-sex-country-year 1000 times, the uncertainty in the prevalence of each disease sequela and the DW is propagated into the final comorbidity corrected YLD results. We selected 40,000 simulants for each age-sex-location-year group on the basis of simulation testing, which has shown that results are stable for YLDs at this number of simulants even in the younger age groups when prevalence is relatively low. Mean results for YLDs that reflect 40 million simulants (40,000 simulants multiplied by 1000 iterations to capture uncertainty) are very stable in each age-sex-location-year. For any given location-year-age-sex group, sequelae with a prevalence of less than one in 20,000 were excluded from the micro-simulation.

## Section 4.10: YLD computation, uncertainty, and residual YLDs²

For GBD 2019, we computed YLDs by sequela as prevalence multiplied by the DW for the health state associated with that sequela. The uncertainty ranges reported around YLDs incorporate uncertainty in prevalence and uncertainty in the DW. To do this, we take the 1000 samples of comorbidity-corrected YLDs and 1000 samples of the DW to generate 1000 samples of the YLD distribution. We assume no correlation in the uncertainty in prevalence and DWs. The $95 \%$ uncertainty interval is reported as the $25^{\text {th }}$ and $975^{\text {th }}$ values of the distribution. Uls for YLDs at different points in time (1990, 1995, 2000, 2005, 2010, and 2016) for a given disease or sequela are correlated because of the shared uncertainty in the DW. For this reason, changes in YLDs over time can be significant even if the Uls of the two estimates of YLDs largely overlap because significance is determined by the uncertainty around the prevalence estimates.

## Section 4.10.1: Residual YLDs

Despite expanding our list of causes and sequelae in successive GBD iterations, many diseases remain for which we do not explicitly estimate disease prevalence and YLDs. Less common diseases and their sequelae were included in 35 residual categories (table S13). For 22 of these residual categories, epidemiological data on incidence or prevalence were available, so these were modelled accordingly. For 13 residual categories, epidemiological data on incidence and prevalence were not available, but sufficient CoD data allowed for CoD estimates. For these residual categories, we estimated YLDs by multiplying the residual YLL estimates by the ratio of YLDs to YLLs from the estimates Level 3 causes in the same disease category that were explicitly modelled. This scaling was done for each country-sexyear. This approach made the simplifying assumption that the residual diseases caused disability proportionate to the ratio of disability to mortality in explicitly modelled diseases. We did not include causes with large disability but no or little mortality in estimating these ratios. For example, we estimated the YLDs from other neurological disorders from the YLD to YLL ratios for dementia, multiple sclerosis, and Parkinson's disease but did not include the YLDs from headaches and epilepsy in the ratio.

# Supplementary Figures and Tables 

## Global burden of peripheral artery diseases and its risk factors, 1990-2019: a systematic analysis for the Global Burden of Disease

$$
\text { Study } 2019
$$

This appendix is an integral component of the article titled "Global Burden of Peripheral Artery Diseases and its Risk Factors, 1990-2019: A Systematic Analysis for the Global Burden of Disease Study 2019". Its purpose is to provide supplementary tables and figures that complement the primary analyses.

Figure S1. Age-standardised DALYs, deaths, prevalent cases, incident cases, YLDs, YLLs rates (per $100 \mathbf{0 0 0}$ persons) of PAD at the SDI region level. PAD= Peripheral artery disease. High-middle SDI SDI=sociodemographic index.







Figure S2. Age-standardised rate (per 100000 persons) of DALYs, mortality, prevalence, and incidence of PAD at the SDI region level. SDI=sociodemographic index.


Figure S3. Correlation between SDI and age-standardised DALYs (per 100000 persons) of PAD at the country level, 2019. The solid line denotes the linear trend between the two variables. Outlier countries are not shown.

Figure S4. Numbers and age-standardized rates (per 100000 persons) of PAD prevalence, incidence, DALYs, and deaths at the global level, 1990 to 2019. Error bars and shaded

(B)

Incidence number and rate of PAD
(C)

DALYs number and rate of PAD

(D)

Number of deaths and mortality rate of PAD


Figure S5. Age-standardised DALY rates (per 100000 persons) of PAD attributable to risk factors by SDI regions and sex. DALYs=disability-adjusted life-years. SDI= sociodemographic index.


Table S1: PAD prevalence in 1990 and 2019 for both sexes and percentage change in agestandardised rates by location. $\mathrm{PAD}=$ Peripheral artery disease.

| Prevalence of PAD | 1990 |  | 2019 |  | Percentage change in agestandardised rates between 1990 and 2019 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Counts (95\% UI) | Agestandardised rate (95\% UI) | Counts (95\% UI) | Agestandardised rate (95\% UI) |  |
| Global | 65764499 $(57211022$, $74527808)$ | $\begin{gathered} 1,790.0 \\ (1,564.2, \\ 2,033.3) \end{gathered}$ | $\begin{aligned} & \hline 113443017 \\ & (99158208, \\ & 128415296) \end{aligned}$ | $\begin{gathered} 1,401.8 \\ (1,228.5,5 \\ 1,589.4) \end{gathered}$ | $\begin{gathered} -21.7 \\ (-22.8,-20.5) \end{gathered}$ |
| East Asia | $\begin{aligned} & 10842540 \\ & (9300880, \\ & 12389879) \end{aligned}$ | $\begin{gathered} 1,335.8 \\ (1,158.2, \\ 1,523.1) \\ \hline \end{gathered}$ | $\begin{array}{r} 29589160 \\ (25557455, \\ 33841453) \\ \hline \end{array}$ | $\begin{array}{r} 1,426.7 \\ (1,238.8, \\ 1,627.0) \end{array}$ | $\begin{gathered} 6.8 \\ (5.5,8.1) \end{gathered}$ |
| China | $\begin{aligned} & 10399944 \\ & (8919419, \\ & 11886890) \end{aligned}$ | $\begin{gathered} 1,330.4 \\ (1,153.9, \\ 1,516.9) \end{gathered}$ | $\begin{gathered} 28489637 \\ (24548557, \\ 32612500) \\ \hline \end{gathered}$ | $\begin{gathered} 1,423.8 \\ (1,234.8, \\ 1,625.3) \end{gathered}$ | $\begin{gathered} 7.0 \\ (5.7,8.3) \end{gathered}$ |
| Democratic People's Republic of Korea | $\begin{gathered} 203119 \\ (173614,231765) \end{gathered}$ | $\begin{gathered} 1,362.0 \\ (1,182.9, \\ 1,551.1) \end{gathered}$ | $\begin{gathered} 444888 \\ (382633,511303) \end{gathered}$ | $\begin{gathered} 1,403.8 \\ (1,210.9, \\ 1,614.9) \end{gathered}$ | $\begin{gathered} 3.1 \\ (-1.8,7.9) \end{gathered}$ |
| Taiwan | $\begin{gathered} 239477 \\ (204364,275097) \end{gathered}$ | $\begin{array}{r} 1,597.3 \\ (1,376.5, \\ 1,825.5) \\ \hline \end{array}$ | $\begin{gathered} 654636 \\ (579325,723865) \end{gathered}$ | $\begin{array}{r} 1,635.9 \\ (1,445.7, \\ 1,810.8) \\ \hline \end{array}$ | $\begin{gathered} 2.4 \\ (-4.4,11.6) \end{gathered}$ |
| Southeast Asia | $\begin{gathered} 3407929 \\ (2915562,3909295) \end{gathered}$ | $\begin{gathered} 1,450.1 \\ (1,259.0, \\ 1,649.3) \end{gathered}$ | 8805691 $(7584637$, $10038684)$ | $\begin{gathered} 1,511.7 \\ (1,314.0, \\ 1,725.4) \end{gathered}$ | $\begin{gathered} 4.2 \\ (2.8,5.7) \end{gathered}$ |
| Cambodia | $\begin{gathered} 59742 \\ (51065,68598) \end{gathered}$ | $\begin{array}{r} 1,471.9 \\ (1,268.2, \\ 1,683.4) \\ \hline \end{array}$ | $\begin{gathered} 159972 \\ (137152,182687) \end{gathered}$ | $\begin{array}{r} 1,432.9 \\ (1,240.1, \\ 1,630.6) \\ \hline \end{array}$ | $\begin{gathered} -2.6 \\ (-7.4,1.7) \end{gathered}$ |
| Indonesia | $\begin{gathered} 1300888 \\ (1110345,1490527) \end{gathered}$ | $\begin{array}{r} 1,461.3 \\ (1,264.6, \\ 1,666.7) \\ \hline \end{array}$ | $\begin{gathered} 3324594 \\ (2850201,3802883) \end{gathered}$ | $\begin{gathered} \hline 1,640.1 \\ (1,423.8, \\ 1,871.0) \\ \hline \end{gathered}$ | $\begin{gathered} 12.2 \\ (10.2,14.2) \end{gathered}$ |
| Lao People's <br> Democratic Republic | $\begin{gathered} 28408 \\ (24312,32720) \end{gathered}$ | $\begin{gathered} 1,509.5 \\ (1,306.8 \\ 1,734.2) \end{gathered}$ | $\begin{gathered} 59332 \\ (50969,67820) \end{gathered}$ | $\begin{gathered} 1,464.4 \\ (1,268.9, \\ 1,669.9) \end{gathered}$ | $\begin{gathered} -3.0 \\ (-7.2,1.5) \end{gathered}$ |
| Malaysia | $\begin{gathered} 125685 \\ (108231,144028) \end{gathered}$ | $\begin{array}{r} 1,465.0 \\ (1,263.0, \\ 1,684.8) \end{array}$ | $\begin{gathered} 364958 \\ (314992,415415) \end{gathered}$ | $\begin{array}{r} 1,428.6 \\ (1,239.9, \\ 1,623.5) \end{array}$ | $\begin{gathered} -2.5 \\ (-6.4,2.0) \end{gathered}$ |
| Maldives | $\begin{gathered} 1123 \\ (953,1298) \end{gathered}$ | $\begin{array}{r} 1,370.4 \\ (1,185.4 \\ 1,564.5) \\ \hline \end{array}$ | $\begin{gathered} 4060 \\ (3494,4619) \end{gathered}$ | $\begin{gathered} 1,410.2 \\ (1,213.8, \\ 1,607.2) \\ \hline \end{gathered}$ | $\begin{gathered} 2.9 \\ (-2.0,7.4) \end{gathered}$ |
| Mauritius | $\begin{gathered} 10638 \\ (9114,12217) \end{gathered}$ | $\begin{gathered} \hline 1,560.3 \\ (1,350.0, \\ 1,786.7) \\ \hline \end{gathered}$ | $\begin{gathered} 29038 \\ (25041,33410) \end{gathered}$ | $\begin{array}{r} 1,679.0 \\ (1,448.0, \\ 1,928.6) \\ \hline \end{array}$ | $\begin{gathered} 7.6 \\ (3.2,12.0) \end{gathered}$ |
| Myanmar | $\begin{gathered} 380798 \\ (325398,439660) \end{gathered}$ | $\begin{array}{r} 1,796.5 \\ (1,550.3, \\ 2,055.8) \\ \hline \end{array}$ | $\begin{gathered} 740494 \\ (635261,845852) \end{gathered}$ | $\begin{array}{r} 1,678.4 \\ (1,454.3, \\ 1,914.2) \\ \hline \end{array}$ | $\begin{gathered} -6.6 \\ (-11.3,-2.0) \end{gathered}$ |
| Philippines | $\begin{gathered} 382758 \\ (328845,438524) \end{gathered}$ | $\begin{array}{r} 1,397.6 \\ (1,215.7, \\ 1,597.8) \\ \hline \end{array}$ | $\begin{gathered} 1103080 \\ (949102,1262397) \end{gathered}$ | $\begin{array}{r} 1,513.0 \\ (1,314.5, \\ 1,724.1) \\ \hline \end{array}$ | $\begin{gathered} 8.3 \\ (7.4,9.1) \end{gathered}$ |
| Seychelles | $\begin{gathered} 802 \\ (692,916) \end{gathered}$ | $\begin{gathered} 1,434.9 \\ (1,241.8, \\ 1,632.8) \end{gathered}$ | $\begin{gathered} 1614 \\ (1388,1843) \end{gathered}$ | $\begin{array}{r} 1,515.7 \\ (1,312.9, \\ 1,735.4) \\ \hline \end{array}$ | $\begin{gathered} 5.6 \\ (1.2,10.4) \end{gathered}$ |
| Sri Lanka | $\begin{gathered} 136273 \\ (116210,155495) \end{gathered}$ | $\begin{array}{r} 1,344.0 \\ (1,159.5, \\ 1,529.2) \\ \hline \end{array}$ | $\begin{gathered} 367420 \\ (316266,421422) \end{gathered}$ | $\begin{gathered} 1,464.3 \\ (1,267.8, \\ 1,671.0) \\ \hline \end{gathered}$ | $\begin{gathered} 8.9 \\ (4.7,14.6) \end{gathered}$ |
| Thailand | $\begin{gathered} 463416 \\ (397569,531341) \end{gathered}$ | $\begin{gathered} 1,403.5 \\ (1,211.3, \\ 1,599.2) \end{gathered}$ | $\begin{gathered} 1303408 \\ (1122865,1484540) \end{gathered}$ | $\begin{array}{r} 1,269.0 \\ (1,094.5, \\ 1,449.2) \\ \hline \end{array}$ | $\begin{gathered} -9.6 \\ (-13.5,-5.4) \end{gathered}$ |
| Timor-Leste | $\begin{gathered} 3417 \\ (2906,3944) \end{gathered}$ | $\begin{gathered} 1,361.1 \\ (1,171.8 \\ 1,547.4) \end{gathered}$ | $\begin{gathered} 11021 \\ (9462,12722) \end{gathered}$ | $\begin{array}{r} 1,425.5 \\ (1,231.5, \\ 1,632.6) \\ \hline \end{array}$ | $\begin{gathered} 4.7 \\ (-0.1,9.9) \end{gathered}$ |


| Viet Nam |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 509453 | $1,337.4$ | $1,487.3$ | 11.2 |  |  |
|  | $(438546,581452)$ | $(1,158.9$, | 1325164 | $(1,284.3$, | $(621.5)$ |  |$)$


| Armenia | $\begin{gathered} 35872 \\ (30855,41325) \end{gathered}$ | $\begin{gathered} 1,444.4 \\ (1,243.2, \\ 1,670.1) \\ \hline \end{gathered}$ | $\begin{gathered} 57535 \\ (49552,65613) \end{gathered}$ | $\begin{aligned} & 1,396.8 \\ & (1,207.7, \\ & 1,597.0) \\ & \hline \end{aligned}$ | $\begin{gathered} -3.3 \\ (-7.3,1.4) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Azerbaijan | $\begin{gathered} 59713 \\ (51837,68140) \end{gathered}$ | $\begin{gathered} 1,289.8 \\ (1,117.3, \\ 1,481.1) \end{gathered}$ | $\begin{gathered} 106309 \\ (91739,122379) \end{gathered}$ | $\begin{gathered} 1,256.5 \\ (1,093.1, \\ 1,440.1) \end{gathered}$ | $\begin{gathered} -2.6 \\ (-6.5,1.8) \end{gathered}$ |
| Georgia | $\begin{gathered} 74486 \\ (63956,85212) \end{gathered}$ | $\begin{gathered} 1,264.9 \\ (1,092.6, \\ 1,437.3) \end{gathered}$ | $\begin{gathered} 84434 \\ (72827,97240) \end{gathered}$ | $\begin{gathered} 1,368.5 \\ (1,182.4, \\ 1,573.4) \end{gathered}$ | $\begin{gathered} 8.2 \\ (3.7,13.2) \end{gathered}$ |
| Kazakhstan | $\begin{gathered} 152819 \\ (131534,174655) \end{gathered}$ | $\begin{gathered} 1,304.0 \\ (1,125.7, \\ 1,491.0) \end{gathered}$ | $\begin{gathered} 200342 \\ (173659,231065) \end{gathered}$ | $\begin{gathered} 1,246.2 \\ (1,080.1, \\ 1,430.8) \end{gathered}$ | $\begin{gathered} -4.4 \\ (-8.5,0.3) \end{gathered}$ |
| Kyrgyzstan | $\begin{gathered} 32213 \\ (27904,36903) \end{gathered}$ | $\begin{gathered} 1,108.4 \\ (957.3, \\ 1,275.6) \end{gathered}$ | $\begin{gathered} 45905 \\ (39751,52493) \end{gathered}$ | $\begin{aligned} & 1,086.9 \\ & (940.4, \\ & 1,250.5) \end{aligned}$ | $\begin{gathered} -1.9 \\ (-6.2,2.5) \end{gathered}$ |
| Mongolia | $\begin{gathered} 11401 \\ (9821,13113) \end{gathered}$ | $\begin{gathered} 1,190.2 \\ (1,034.3, \\ 1,360.3) \end{gathered}$ | $\begin{gathered} 23998 \\ (20678,27487) \end{gathered}$ | $\begin{aligned} & 1,169.7 \\ & (1,015.1, \\ & 1,339.9) \end{aligned}$ | $\begin{gathered} -1.7 \\ (-6.3,2.6) \end{gathered}$ |
| Tajikistan | $\begin{gathered} 34032 \\ (29560,38855) \end{gathered}$ | $\begin{gathered} 1,267.2 \\ (1,090.4, \\ 1,454.4) \end{gathered}$ | $\begin{gathered} 49151 \\ (41894,56593) \end{gathered}$ | $\begin{gathered} 1,122.6 \\ (973.1, \\ 1,291.3) \end{gathered}$ | $\begin{gathered} -11.4 \\ (-16.0,-6.8) \end{gathered}$ |
| Turkmenistan | $\begin{gathered} 20738 \\ (17797,23875) \end{gathered}$ | $\begin{gathered} 1,205.1 \\ (1,039.4, \\ 1,383.0) \end{gathered}$ | $\begin{gathered} 42235 \\ (36566,48083) \end{gathered}$ | $\begin{aligned} & 1,186.9 \\ & (1,027.4,4 \\ & 1,345.8) \end{aligned}$ | $\begin{gathered} -1.5 \\ (-5.6,3.1) \end{gathered}$ |
| Uzbekistan | $\begin{gathered} 105419 \\ (91433,121244) \end{gathered}$ | $\begin{gathered} 999.4 \\ (866.3, \\ 1,151.3) \end{gathered}$ | $\begin{gathered} 199254 \\ (168132,231663) \end{gathered}$ | $\begin{aligned} & \hline 1,117.1 \\ & (961.3, \\ & 1,277.5) \end{aligned}$ | $\begin{gathered} 11.8 \\ (6.7,17.0) \end{gathered}$ |
| Central Europe | $\begin{gathered} 2105487 \\ (1825699,2413509) \end{gathered}$ | $\begin{gathered} 1,467.7 \\ (1,271.0, \\ 1,675.2) \\ \hline \end{gathered}$ | $\begin{gathered} 2849874 \\ (2451339,3276016) \end{gathered}$ | $\begin{gathered} 1,313.0 \\ (1,140.8, \\ 1,498.9) \\ \hline \end{gathered}$ | $\begin{gathered} -10.5 \\ (-11.6,-9.5) \end{gathered}$ |
| Albania | $\begin{gathered} 24456 \\ (21111,28028) \end{gathered}$ | $\begin{gathered} 1,261.0 \\ (1,092.6, \\ 1,441.6) \end{gathered}$ | $\begin{gathered} 52897 \\ (45490,60930) \end{gathered}$ | $\begin{gathered} \hline 1,224.8 \\ (1,058.1, \\ 1,399.1) \end{gathered}$ | $\begin{gathered} -2.9 \\ (-6.7,1.3) \end{gathered}$ |
| Bosnia and Herzegovina | $\begin{gathered} 51213 \\ (44071,59084) \end{gathered}$ | $\begin{array}{r} 1,361.9 \\ (1,175.2, \\ 1,573.5) \\ \hline \end{array}$ | $\begin{gathered} 89386 \\ (76650,102522) \end{gathered}$ | $\begin{gathered} 1,502.5 \\ (1,297.3, \\ 1,713.8) \\ \hline \end{gathered}$ | $\begin{gathered} 10.3 \\ (5.3,15.6) \end{gathered}$ |
| Bulgaria | $\begin{gathered} 163925 \\ (139966,189814) \end{gathered}$ | $\begin{aligned} & 1,362.7 \\ & (1,175.0, \\ & 1,561.8) \end{aligned}$ | $\begin{gathered} 192659 \\ (164421,221475) \end{gathered}$ | $\begin{gathered} 1,303.4 \\ (1,124.4, \\ 1,492.7) \end{gathered}$ | $\begin{gathered} -4.4 \\ (-8.3,-0.4) \end{gathered}$ |
| Croatia | $\begin{gathered} 96603 \\ (83523,110773) \end{gathered}$ | $\begin{gathered} 1,551.0 \\ (1,343.9, \\ 1,777.6) \end{gathered}$ | $\begin{gathered} 111798 \\ (95867,128248) \end{gathered}$ | $\begin{array}{r} 1,258.3 \\ (1,082.5, \\ 1,439.8) \end{array}$ | $\begin{gathered} -18.9 \\ (-22.3,-15.1) \end{gathered}$ |
| Czechia | $\begin{gathered} 200059 \\ (173708,229568) \end{gathered}$ | $\begin{gathered} \hline 1,460.9 \\ (1,272.6, \\ 1,663.4) \end{gathered}$ | $\begin{gathered} 285774 \\ (244180,330121) \end{gathered}$ | $\begin{gathered} 1,346.7 \\ (1,162.5, \\ 1,542.5) \end{gathered}$ | $\begin{gathered} -7.8 \\ (-11.6,-4.0) \end{gathered}$ |
| Hungary | $\begin{gathered} 233903 \\ (199967,268592) \end{gathered}$ | $\begin{aligned} & 1,604.0 \\ & (1,376.2, \\ & 1,836.9) \end{aligned}$ | $\begin{gathered} 279171 \\ (239475,321333) \end{gathered}$ | $\begin{gathered} 1,421.9 \\ (1,229.0, \\ 1,629.5) \end{gathered}$ | $\begin{gathered} -11.4 \\ (-15.2,-7.4) \end{gathered}$ |
| North Macedonia | $\begin{gathered} 24634 \\ (21160,28162) \end{gathered}$ | $\begin{array}{r} 1,402.5 \\ (1,205.5, \\ 1,599.8) \\ \hline \end{array}$ | $\begin{gathered} 42496 \\ (36453,48809) \end{gathered}$ | $\begin{array}{r} 1,362.2 \\ (1,182.2, \\ 1,557.0) \\ \hline \end{array}$ | $\begin{gathered} -2.9 \\ (-6.8,1.1) \end{gathered}$ |
| Montenegro | $\begin{gathered} 9457 \\ (8188,10846) \end{gathered}$ | $\begin{gathered} 1,568.4 \\ (1,359.2, \\ 1,800.7) \end{gathered}$ | $\begin{gathered} 15090 \\ (12992,17348) \end{gathered}$ | $\begin{gathered} 1,539.3 \\ (1,331.9, \\ 1,759.3) \end{gathered}$ | $\begin{gathered} -1.9 \\ (-5.9,2.5) \end{gathered}$ |
| Poland | $\begin{gathered} 688174 \\ (594955,786657) \end{gathered}$ | $\begin{gathered} 1,608.1 \\ (1,395.9, \\ 1,831.5) \end{gathered}$ | $\begin{gathered} 938060 \\ (807643,1076653) \end{gathered}$ | $\begin{gathered} 1,324.8 \\ (1,151.1, \\ 1,518.8) \end{gathered}$ | $\begin{gathered} -17.6 \\ (-18.8,-16.4) \end{gathered}$ |
| Romania | $\begin{gathered} 348937 \\ (299671,401027) \end{gathered}$ | $\begin{gathered} 1,291.2 \\ (1,115.6, \\ 1,479.3) \end{gathered}$ | $\begin{gathered} 459460 \\ (395531,527547) \end{gathered}$ | $\begin{gathered} 1,212.8 \\ (1,045.8, \\ 1,384.9) \end{gathered}$ | $\begin{gathered} -6.1 \\ (-10.0,-1.9) \end{gathered}$ |
| Serbia | $\begin{gathered} 145566 \\ (125245,166712) \end{gathered}$ | $\begin{aligned} & 1,338.6 \\ & (1,151.9, \\ & 1,532.1) \end{aligned}$ | $\begin{gathered} 219796 \\ (188926,254334) \end{gathered}$ | $\begin{gathered} 1,377.6 \\ (1,193.5, \\ 1,578.5) \end{gathered}$ | $\begin{gathered} 2.9 \\ (-1.4,7.3) \end{gathered}$ |


| Slovakia | $\begin{gathered} 84783 \\ (72685,97672) \end{gathered}$ | $\begin{gathered} \hline 1,443.0 \\ (1,240.9, \\ 1,655.8) \\ \hline \end{gathered}$ | $\begin{gathered} 109160 \\ (93211,125431) \end{gathered}$ | $\begin{gathered} \hline 1,184.6 \\ (1,017.6, \\ 1,348.1) \\ \hline \end{gathered}$ | $\begin{gathered} -17.9 \\ (-21.7,-13.7) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Slovenia | $\begin{gathered} 33776 \\ (29278,38669) \end{gathered}$ | $\begin{gathered} 1,392.3 \\ (1,208.7, \\ 1,591.9) \\ \hline \end{gathered}$ | $\begin{gathered} 54127 \\ (46953,62117) \end{gathered}$ | $1,228.8$ $(1,071.3$, $1,397.5)$ | $\begin{gathered} -11.7 \\ (-15.7,-7.9) \end{gathered}$ |
| Eastern Europe | $\begin{gathered} 4662015 \\ (4033876,5345501) \end{gathered}$ | $\begin{gathered} 1,723.1 \\ (1,490.0 \\ 1,973.3) \end{gathered}$ | $\begin{gathered} 5908656 \\ (5117977,6767587) \end{gathered}$ | $\begin{array}{r} 1,690.4 \\ (1,467.3 \\ 1,936.0) \\ \hline \end{array}$ | $\begin{gathered} -1.9 \\ (-3.3,-0.5) \end{gathered}$ |
| Belarus | $\begin{gathered} 190228 \\ (164471,219925) \end{gathered}$ | $\begin{array}{r} 1,486.0 \\ (1,286.5, \\ 1,716.2) \\ \hline \end{array}$ | $\begin{gathered} 235302 \\ (202815,269690) \end{gathered}$ | $\begin{array}{r} 1,463.7 \\ (1,262.5, \\ 1,672.9) \\ \hline \end{array}$ | $\begin{gathered} -1.5 \\ (-6.2,3.2) \end{gathered}$ |
| Estonia | $\begin{gathered} 31672 \\ (27232,36334) \end{gathered}$ | $\begin{array}{r} 1,552.4 \\ (1,334.7, \\ 1,774.8) \\ \hline \end{array}$ | $\begin{gathered} 40511 \\ (34845,46696) \end{gathered}$ | $\begin{array}{r} 1,489.9 \\ (1,288.7, \\ 1,705.7) \\ \hline \end{array}$ | $\begin{gathered} -4.0 \\ (-8.6,0.7) \end{gathered}$ |
| Latvia | $\begin{gathered} 48497 \\ (41928,55847) \end{gathered}$ | $\begin{gathered} 1,352.6 \\ (1,172.8, \\ 1,556.1) \\ \hline \end{gathered}$ | $\begin{gathered} 60018 \\ (51278,69057) \end{gathered}$ | $\begin{array}{r} 1,455.4 \\ (1,251.9 \\ 1,667.5) \\ \hline \end{array}$ | $\begin{gathered} 7.6 \\ (2.9,12.9) \end{gathered}$ |
| Lithuania | $\begin{gathered} 67788 \\ (58461,77458) \end{gathered}$ | $\begin{gathered} 1,500.0 \\ (1,294.5, \\ 1,714.4) \\ \hline \end{gathered}$ | $\begin{gathered} 83808 \\ (71564,96553) \end{gathered}$ | $\begin{gathered} 1,407.2 \\ (1,207.7, \\ 1,621.3) \\ \hline \end{gathered}$ | $\begin{gathered} -6.2 \\ (-10.5,-1.8) \end{gathered}$ |
| Republic of Moldova | $\begin{gathered} 54214 \\ (46476,62556) \end{gathered}$ | $\begin{gathered} 1,311.9 \\ (1,133.2, \\ 1,501.4) \\ \hline \end{gathered}$ | $\begin{gathered} 80506 \\ (69710,92801) \end{gathered}$ | $\begin{gathered} 1,389.8 \\ (1,203.0, \\ 1,600.3) \\ \hline \end{gathered}$ | $\begin{gathered} 5.9 \\ (1.3,11.2) \end{gathered}$ |
| Russian Federation | $\begin{gathered} 3038477 \\ (2623840,3478742) \end{gathered}$ | $\begin{array}{r} 1,756.5 \\ (1,518.7, \\ 2,010.3) \\ \hline \end{array}$ | $\begin{gathered} 4092169 \\ (3545347,4676008) \end{gathered}$ | $\begin{gathered} 1,725.6 \\ (1,496.6, \\ 1,973.1) \\ \hline \end{gathered}$ | $\begin{gathered} -1.8 \\ (-2.6,-0.9) \end{gathered}$ |
| Ukraine | $\begin{gathered} 1231139 \\ (1055844,1415289) \end{gathered}$ | $\begin{gathered} 1,751.4 \\ (1,513.0, \\ 2,009.3) \\ \hline \end{gathered}$ | $\begin{gathered} 1316341 \\ (1133913,1511731) \end{gathered}$ | $\begin{array}{r} 1,696.3 \\ (1,467.0, \\ 1,944.4) \\ \hline \end{array}$ | $\begin{gathered} -3.1 \\ (-8.1,1.7) \end{gathered}$ |
| High-income Asia Pacific | $\begin{gathered} 4393074 \\ (3832060,4967066) \end{gathered}$ | $\begin{array}{r} 2,231.4 \\ (1,949.4, \\ 2,522.1) \end{array}$ | $\begin{gathered} 6036002 \\ (5210182,6898991) \end{gathered}$ | $\begin{gathered} \hline 1,303.9 \\ (1,132.7, \\ 1,480.4) \\ \hline \end{gathered}$ | $\begin{gathered} -41.6 \\ (-42.3,-40.8) \end{gathered}$ |
| Brunei Darussalam | $\begin{gathered} 1831 \\ (1578,2062) \end{gathered}$ | $\begin{gathered} 2,223.9 \\ (1,920.8, \\ 2,513.8) \end{gathered}$ | $\begin{gathered} 3974 \\ (3418,4538) \end{gathered}$ | $\begin{gathered} 1,490.0 \\ (1,291.5 \\ 1,704.8) \\ \hline \end{gathered}$ | $\begin{gathered} -33.0 \\ (-35.8,-30.2) \end{gathered}$ |
| Japan | $\begin{gathered} 3833448 \\ (3339325,4334234) \end{gathered}$ | $\begin{array}{r} 2,281.0 \\ (1,991.6, \\ 2,579.8) \\ \hline \end{array}$ | $\begin{gathered} 4865501 \\ (4190126,5559461) \end{gathered}$ | $\begin{array}{r} 1,336.5 \\ (1,163.3, \\ 1,515.6) \\ \hline \end{array}$ | $\begin{gathered} -41.4 \\ (-42.1,-40.8) \end{gathered}$ |
| Republic of Korea | $\begin{gathered} 521975 \\ (449839,594596) \end{gathered}$ | $\begin{array}{r} 1,954.0 \\ (1,698.4, \\ 2,217.3) \\ \hline \end{array}$ | $\begin{gathered} 1082554 \\ (938137,1236334) \end{gathered}$ | $\begin{gathered} \hline 1,212.8 \\ (1,052.7, \\ 1,381.3) \\ \hline \end{gathered}$ | $\begin{gathered} -37.9 \\ (-40.9,-35.0) \end{gathered}$ |
| Singapore | $\begin{gathered} 35820 \\ (31003,40663) \end{gathered}$ | $\begin{array}{r} \hline 1,745.6 \\ (1,504.3, \\ 1,985.5) \\ \hline \end{array}$ | $\begin{gathered} 83973 \\ (72873,95072) \end{gathered}$ | $\begin{aligned} & 1,090.8 \\ & (943.8, \\ & 1,236.6) \end{aligned}$ | $\begin{gathered} -37.5 \\ (-40.0,-34.5) \end{gathered}$ |
| Australasia | $\begin{gathered} 463198 \\ (403604,527003) \end{gathered}$ | $\begin{gathered} 1,990.8 \\ (1,739.8 \\ 2,247.3) \\ \hline \end{gathered}$ | $\begin{gathered} 625086 \\ (539710,712347) \end{gathered}$ | $\begin{array}{r} 1,254.3 \\ (1,086.1, \\ 1,424.4) \\ \hline \end{array}$ | $\begin{gathered} -37.0 \\ (-39.3,-34.4) \end{gathered}$ |
| Australia | $\begin{gathered} 383345 \\ (333190,436054) \end{gathered}$ | $\begin{gathered} 1,979.0 \\ (1,727.1, \\ 2,231.1) \\ \hline \end{gathered}$ | $\begin{gathered} 528028 \\ (456204,601185) \end{gathered}$ | $\begin{gathered} 1,257.8 \\ (1,088.2, \\ 1,428.7) \end{gathered}$ | $\begin{gathered} -36.4 \\ (-39.3,-33.5) \end{gathered}$ |
| New Zealand | $\begin{gathered} 79853 \\ (69355,91158) \end{gathered}$ | $\begin{gathered} 2,049.3 \\ (1,789.7, \\ 2,327.9) \\ \hline \end{gathered}$ | $\begin{gathered} 97059 \\ (83708,110516) \end{gathered}$ | $\begin{gathered} 1,235.1 \\ (1,070.2, \\ 1,401.5) \\ \hline \end{gathered}$ | $\begin{gathered} -39.7 \\ (-42.3,-37.3) \end{gathered}$ |
| Western Europe | $\begin{gathered} \hline 16785956 \\ (14626676, \\ 18995580) \\ \hline \end{gathered}$ | $\begin{gathered} 2,889.6 \\ (2,533.8, \\ 3,254.4) \\ \hline \end{gathered}$ | $\begin{gathered} 17338264 \\ (14957430, \\ 19677419) \\ \hline \end{gathered}$ | $\begin{array}{r} 1,902.5 \\ (1,659.4, \\ 2,145.4) \\ \hline \end{array}$ | $\begin{gathered} -34.2 \\ (-35.1,-33.3) \end{gathered}$ |
| Andorra | $\begin{gathered} 1341 \\ (1161,1528) \end{gathered}$ | $\begin{gathered} \hline 2,539.5 \\ (2,214.3, \\ 2,870.6) \\ \hline \end{gathered}$ | $\begin{gathered} 2673 \\ (2313,3030) \end{gathered}$ | $\begin{gathered} 1,874.6 \\ (1,618.5, \\ 2,134.4) \\ \hline \end{gathered}$ | $\begin{gathered} -26.2 \\ (-29.5,-22.9) \end{gathered}$ |
| Austria | $\begin{gathered} 312973 \\ (271005,354655) \end{gathered}$ | $\begin{array}{r} 2,624.7 \\ (2,282.2, \\ 2,949.3) \\ \hline \end{array}$ | $\begin{gathered} 348196 \\ (301100,398594) \end{gathered}$ | $\begin{array}{r} 1,941.6 \\ (1,682.6, \\ 2,210.2) \\ \hline \end{array}$ | $\begin{gathered} -26.0 \\ (-29.0,-22.5) \end{gathered}$ |


| Belgium | $\begin{gathered} 441459 \\ (383764,501889) \end{gathered}$ | $\begin{array}{r} \hline 2,869.2 \\ (2,497.5, \\ 3,247.8) \\ \hline \end{array}$ | $\begin{gathered} 487141 \\ (419132,556470) \end{gathered}$ | $\begin{gathered} 2,138.0 \\ (1,851.4, \\ 2,441.6) \\ \hline \end{gathered}$ | $\begin{gathered} -25.5 \\ (-28.7,-22.3) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Cyprus | $\begin{gathered} 22856 \\ (19675,26014) \end{gathered}$ | $\begin{gathered} 2,830.3 \\ (2,465.9, \\ 3,191.3) \\ \hline \end{gathered}$ | $\begin{gathered} 42474 \\ (36644,48632) \end{gathered}$ | $\begin{gathered} \hline 2,206.0 \\ (1,912.5, \\ 2,509.0) \\ \hline \end{gathered}$ | $\begin{gathered} -22.1 \\ (-25.3,-18.7) \end{gathered}$ |
| Denmark | $\begin{gathered} 339605 \\ (294403,384709) \end{gathered}$ | $\begin{array}{r} 4,164.3 \\ (3,637.5, \\ 4,679.2) \\ \hline \end{array}$ | $\begin{gathered} 309279 \\ (266224,355866) \end{gathered}$ | $\begin{gathered} 2,702.0 \\ (2,342.0, \\ 3,069.7) \\ \hline \end{gathered}$ | $\begin{gathered} -35.1 \\ (-37.7,-32.4) \end{gathered}$ |
| Finland | $\begin{gathered} 200628 \\ (174748,229058) \end{gathered}$ | $\begin{gathered} 2,810.7 \\ (2,454.2, \\ 3,186.1) \\ \hline \end{gathered}$ | $\begin{gathered} 227689 \\ (195199,261100) \end{gathered}$ | $\begin{gathered} 1,870.1 \\ (1,620.9, \\ 2,116.1) \\ \hline \end{gathered}$ | $\begin{gathered} -33.5 \\ (-36.3,-30.1) \end{gathered}$ |
| France | $\begin{gathered} 2230656 \\ (1939349,2526037) \end{gathered}$ | $\begin{array}{r} \hline 2,667.5 \\ (2,316.5, \\ 3,022.6) \\ \hline \end{array}$ | $\begin{gathered} 2512844 \\ (2163932,2858215) \end{gathered}$ | $\begin{array}{r} 1,840.4 \\ (1,590.2, \\ 2,078.0) \\ \hline \end{array}$ | $\begin{gathered} -31.0 \\ (-34.1,-27.8) \end{gathered}$ |
| Germany | $\begin{gathered} 3773381 \\ (3271873,4264448) \end{gathered}$ | $\begin{gathered} 2,959.3 \\ (2,582.3, \\ 3,345.4) \\ \hline \end{gathered}$ | $\begin{gathered} 3631855 \\ (3144031,4151785) \end{gathered}$ | $\begin{gathered} \hline 1,902.4 \\ (1,653.3, \\ 2,157.6) \\ \hline \end{gathered}$ | $\begin{gathered} -35.7 \\ (-38.3,-32.8) \end{gathered}$ |
| Greece | $\begin{gathered} 440959 \\ (381156,502646) \end{gathered}$ | $\begin{gathered} 2,908.0 \\ (2,520.6, \\ 3,302.7) \\ \hline \end{gathered}$ | $\begin{gathered} 492622 \\ (423552,564616) \end{gathered}$ | $\begin{array}{r} 2,074.4 \\ (1,794.7, \\ 2,361.8) \\ \hline \end{array}$ | $\begin{gathered} -28.7 \\ (-31.5,-25.6) \end{gathered}$ |
| Iceland | $\begin{gathered} 8103 \\ (7078,9196) \end{gathered}$ | $\begin{gathered} 2,838.0 \\ (2,480.8, \\ 3,202.3) \\ \hline \end{gathered}$ | $\begin{gathered} 10485 \\ (9083,11894) \end{gathered}$ | $\begin{array}{r} 1,891.2 \\ (1,643.7, \\ 2,141.3) \\ \hline \end{array}$ | $\begin{gathered} -33.4 \\ (-36.2,-30.5) \end{gathered}$ |
| Ireland | $\begin{gathered} 130612 \\ (112750,149223) \end{gathered}$ | $\begin{gathered} 3,211.8 \\ (2,797.3, \\ 3,630.8) \\ \hline \end{gathered}$ | $\begin{gathered} 158354 \\ (136384,179786) \end{gathered}$ | $\begin{array}{r} \hline 2,118.0 \\ (1,829.2, \\ 2,398.1) \\ \hline \end{array}$ | $\begin{gathered} -34.1 \\ (-37.0,-31.4) \end{gathered}$ |
| Israel | $\begin{gathered} 133387 \\ (114802,152519) \end{gathered}$ | $\begin{gathered} 2,776.1 \\ (2,395.3, \\ 3,155.2) \\ \hline \end{gathered}$ | $\begin{gathered} 237241 \\ (206084,269726) \end{gathered}$ | $\begin{gathered} \hline 2,050.4 \\ (1,789.6, \\ 2,324.6) \\ \hline \end{gathered}$ | $\begin{gathered} -26.1 \\ (-29.2,-23.2) \end{gathered}$ |
| Italy | $\begin{gathered} 2765866 \\ (2408718,3131092) \end{gathered}$ | $\begin{gathered} 3,114.2 \\ (2,729.8, \\ 3,499.2) \end{gathered}$ | $\begin{gathered} 2810306 \\ (2432307,3192485) \end{gathered}$ | $\begin{gathered} \hline 1,956.9 \\ (1,706.0, \\ 2,207.2) \\ \hline \end{gathered}$ | $\begin{gathered} -37.2 \\ (-38.0,-36.2) \end{gathered}$ |
| Luxembourg | $\begin{gathered} 16257 \\ (14175,18390) \end{gathered}$ | $\begin{gathered} 2,977.0 \\ (2,597.6, \\ 3,347.5) \end{gathered}$ | $\begin{gathered} 21667 \\ (18844,24544) \end{gathered}$ | $\begin{gathered} 2,152.6 \\ (1,868.6, \\ 2,437.8) \end{gathered}$ | $\begin{gathered} -27.7 \\ (-30.8,-24.7) \end{gathered}$ |
| Malta | $\begin{gathered} 12999 \\ (11351,14667) \end{gathered}$ | $\begin{gathered} 3,075.8 \\ (2,702.1, \\ 3,463.3) \\ \hline \end{gathered}$ | $\begin{gathered} 20675 \\ (17603,23675) \end{gathered}$ | $\begin{array}{r} \hline 2,245.0 \\ (1,945.1, \\ 2,546.4) \\ \hline \end{array}$ | $\begin{gathered} -27.0 \\ (-30.1,-23.4) \end{gathered}$ |
| Monaco | $\begin{gathered} 2055 \\ (1778,2331) \end{gathered}$ | $\begin{gathered} 2,877.7 \\ (2,510.7, \\ 3,234.4) \\ \hline \end{gathered}$ | $\begin{gathered} 1921 \\ (1656,2191) \end{gathered}$ | $\begin{gathered} 2,009.9 \\ (1,745.1, \\ 2,272.0) \\ \hline \end{gathered}$ | $\begin{gathered} -30.2 \\ (-33.0,-27.1) \end{gathered}$ |
| Netherlands | $\begin{gathered} 569014 \\ (506222,627295) \end{gathered}$ | $\begin{gathered} 2,850.9 \\ (2,536.5, \\ 3,130.8) \end{gathered}$ | $\begin{gathered} 654478 \\ (566471,748473) \end{gathered}$ | $\begin{gathered} \hline 1,927.8 \\ (1,669.9, \\ 2,191.0) \\ \hline \end{gathered}$ | $\begin{gathered} -32.4 \\ (-37.0,-27.6) \end{gathered}$ |
| Norway | $\begin{gathered} 202217 \\ (174789,230108) \end{gathered}$ | $\begin{array}{r} 2,950.1 \\ (2,580.6, \\ 3,324.9) \\ \hline \end{array}$ | $\begin{gathered} 196430 \\ (170587,223342) \end{gathered}$ | $\begin{array}{r} 2,048.2 \\ (1,786.7, \\ 2,324.4) \\ \hline \end{array}$ | $\begin{gathered} -30.6 \\ (-31.4,-29.7) \end{gathered}$ |
| Portugal | $\begin{gathered} 368345 \\ (320053,419542) \end{gathered}$ | $\begin{gathered} \hline 2,665.4 \\ (2,328.2, \\ 3,009.9) \end{gathered}$ | $\begin{gathered} 467762 \\ (400304,534014) \end{gathered}$ | $\begin{gathered} 1,944.2 \\ (1,688.6, \\ 2,206.4) \\ \hline \end{gathered}$ | $\begin{gathered} -27.1 \\ (-30.1,-23.0) \end{gathered}$ |
| Spain | $\begin{gathered} 1439309 \\ (1255071,1633465) \end{gathered}$ | $\begin{gathered} 2,645.3 \\ (2,317.3, \\ 2,996.7) \\ \hline \end{gathered}$ | $\begin{gathered} 1765206 \\ (1525982,2009998) \end{gathered}$ | $\begin{gathered} 1,829.2 \\ (1,586.2, \\ 2,077.3) \\ \hline \end{gathered}$ | $\begin{gathered} -30.9 \\ (-33.8,-28.1) \end{gathered}$ |
| Sweden | $\begin{gathered} 435765 \\ (378119,497346) \end{gathered}$ | $\begin{gathered} 2,862.7 \\ (2,504.3, \\ 3,239.6) \\ \hline \end{gathered}$ | $\begin{gathered} 417845 \\ (359234,477785) \end{gathered}$ | $\begin{gathered} 2,004.0 \\ (1,743.7, \\ 2,272.2) \\ \hline \end{gathered}$ | $\begin{gathered} -30.0 \\ (-32.5,-27.5) \end{gathered}$ |
| Switzerland | $\begin{gathered} 290442 \\ (252117,329679) \end{gathered}$ | $\begin{gathered} 2,762.6 \\ (2,412.8, \\ 3,126.7) \end{gathered}$ | $\begin{gathered} 342462 \\ (296779,390798) \end{gathered}$ | $\begin{gathered} 1,966.0 \\ (1,707.6, \\ 2,240.3) \\ \hline \end{gathered}$ | $\begin{gathered} -28.8 \\ (-31.7,-25.9) \end{gathered}$ |
| United Kingdom | $\begin{gathered} 2632839 \\ (2284041,2999515) \end{gathered}$ | $\begin{array}{r} 2,897.6 \\ (2,533.8, \\ 3,275.1) \\ \hline \end{array}$ | $\begin{gathered} 2162252 \\ (1877277,2461701) \end{gathered}$ | $\begin{gathered} 1,725.7 \\ (1,504.5, \\ 1,956.4) \\ \hline \end{gathered}$ | $\begin{gathered} -40.4 \\ (-41.0,-39.9) \end{gathered}$ |


| Southern Latin America | $\begin{gathered} 949198 \\ (827047,1081767) \end{gathered}$ | $\begin{array}{r} \hline 2,110.5 \\ (1,841.1, \\ 2,396.7) \\ \hline \end{array}$ | $\begin{gathered} 1316077 \\ (1125201,1494772) \end{gathered}$ | $\begin{array}{r} 1,568.2 \\ (1,344.5, \\ 1,775.4) \\ \hline \end{array}$ | $\begin{gathered} -25.7 \\ (-28.1,-23.0) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Argentina | $\begin{gathered} 659200 \\ (572403,753057) \end{gathered}$ | $\begin{gathered} 2,090.8 \\ (1,820.9, \\ 2,382.9) \\ \hline \end{gathered}$ | $\begin{gathered} 848538 \\ (724285,971680) \end{gathered}$ | $\begin{gathered} \hline 1,561.9 \\ (1,337.0, \\ 1,775.6) \\ \hline \end{gathered}$ | $\begin{gathered} -25.3 \\ (-28.4,-21.5) \end{gathered}$ |
| Chile | $\begin{gathered} 197119 \\ (171168,223393) \end{gathered}$ | $\begin{array}{r} 2,061.8 \\ (1,790.7, \\ 2,339.0) \\ \hline \end{array}$ | $\begin{gathered} 372192 \\ (319464,426983) \end{gathered}$ | $\begin{aligned} & 1,545.9 \\ & (1,328.5 \\ & 1,771.4) \end{aligned}$ | $\begin{gathered} -25.0 \\ (-28.4,-21.2) \end{gathered}$ |
| Uruguay | $\begin{gathered} 92840 \\ (80329,105582) \end{gathered}$ | $\begin{gathered} 2,381.5 \\ (2,074.0, \\ 2,689.1) \\ \hline \end{gathered}$ | $\begin{gathered} 95280 \\ (82000,108623) \end{gathered}$ | $\begin{gathered} 1,727.4 \\ (1,486.8, \\ 1,966.7) \\ \hline \end{gathered}$ | $\begin{gathered} -27.5 \\ (-30.7,-24.3) \end{gathered}$ |
| High-income North America | $\begin{aligned} & \hline 11112735 \\ & (9560431, \\ & 12726053) \\ & \hline \end{aligned}$ | $\begin{gathered} 3,129.7 \\ (2,696.3, \\ 3,559.7) \\ \hline \end{gathered}$ | $\begin{gathered} 13961440 \\ (12552572, \\ 15445785) \\ \hline \end{gathered}$ | $\begin{array}{r} \hline 2,214.3 \\ (1,986.7, \\ 2,433.8) \\ \hline \end{array}$ | $\begin{gathered} -29.2 \\ (-33.7,-23.7) \end{gathered}$ |
| Canada | $\begin{gathered} 1207429 \\ (1050899,1365121) \end{gathered}$ | $\begin{array}{r} \hline 3,738.4 \\ (3,265.7, \\ 4,208.0) \\ \hline \end{array}$ | $\begin{gathered} 1498376 \\ (1293298,1716850) \end{gathered}$ | $\begin{gathered} \hline 2,175.2 \\ (1,881.7, \\ 2,472.5) \\ \hline \end{gathered}$ | $\begin{gathered} -41.8 \\ (-44.4,-39.0) \end{gathered}$ |
| United States of America | $\begin{gathered} 9903935 \\ (8490068, \\ 11331986) \\ \hline \end{gathered}$ | $\begin{gathered} 3,067.7 \\ (2,638.6, \\ 3,488.7) \\ \hline \end{gathered}$ | $\begin{gathered} 12461375 \\ (11235661, \\ 13740797) \\ \hline \end{gathered}$ | $\begin{gathered} 2,219.2 \\ (1,998.2, \\ 2,434.4) \\ \hline \end{gathered}$ | $\begin{gathered} -27.7 \\ (-32.7,-21.4) \end{gathered}$ |
| Greenland | $\begin{gathered} 1116 \\ (974,1258) \end{gathered}$ | $\begin{array}{r} \hline 3,675.8 \\ (3,225.2, \\ 4,138.0) \\ \hline \end{array}$ | $\begin{gathered} 1468 \\ (1270,1673) \end{gathered}$ | $\begin{gathered} \hline 2,252.3 \\ (1,960.7, \\ 2,570.8) \\ \hline \end{gathered}$ | $\begin{gathered} -38.7 \\ (-41.1,-36.4) \end{gathered}$ |
| Caribbean | $\begin{gathered} 263996 \\ (227650,303858) \end{gathered}$ | $\begin{gathered} 1,047.7 \\ (904.0, \\ 1,203.0) \\ \hline \end{gathered}$ | $\begin{gathered} 511218 \\ (440162,585168) \end{gathered}$ | $\begin{gathered} 985.7 \\ (848.4, \\ 1,129.5) \\ \hline \end{gathered}$ | $\begin{gathered} -5.9 \\ (-7.8,-3.8) \end{gathered}$ |
| Antigua and Barbuda | $\begin{gathered} 561 \\ (480,646) \end{gathered}$ | $\begin{aligned} & \hline 1,028.0 \\ & (884.1, \\ & 1,177.1) \\ & \hline \end{aligned}$ | $\begin{gathered} 947 \\ (817,1083) \end{gathered}$ | $\begin{gathered} 969.3 \\ (836.0, \\ 1,107.9) \\ \hline \end{gathered}$ | $\begin{gathered} -5.7 \\ (-9.6,-1.1) \end{gathered}$ |
| Bahamas | $\begin{gathered} 1423 \\ (1226,1635) \end{gathered}$ | $\begin{aligned} & \hline 1,000.3 \\ & (861.7, \\ & 1,144.8) \\ & \hline \end{aligned}$ | $\begin{gathered} 3486 \\ (3029,3964) \end{gathered}$ | $\begin{gathered} \hline 946.5 \\ (814.2, \\ 1,081.9) \\ \hline \end{gathered}$ | $\begin{gathered} -5.4 \\ (-9.4,-0.8) \end{gathered}$ |
| Barbados | $\begin{gathered} 3086 \\ (2637,3549) \end{gathered}$ | $\begin{aligned} & 1,025.3 \\ & (884.7, \\ & 1,167.4) \end{aligned}$ | $\begin{gathered} 4858 \\ (4178,5582) \end{gathered}$ | $\begin{gathered} 977.9 \\ (844.6, \\ 1,118.7) \\ \hline \end{gathered}$ | $\begin{gathered} -4.6 \\ (-8.8,0.2) \end{gathered}$ |
| Belize | $\begin{gathered} 888 \\ (767,1020) \end{gathered}$ | $\begin{gathered} 990.7 \\ (854.4, \\ 1,136.6) \\ \hline \end{gathered}$ | $\begin{gathered} 2478 \\ (2141,2845) \end{gathered}$ | $\begin{gathered} 962.2 \\ (831.5, \\ 1,103.3) \\ \hline \end{gathered}$ | $\begin{gathered} -2.9 \\ (-6.7,1.9) \end{gathered}$ |
| Bermuda | $\begin{gathered} 600 \\ (516,689) \end{gathered}$ | $\begin{gathered} \hline 994.6 \\ (859.4, \\ 1,137.8) \\ \hline \end{gathered}$ | $\begin{gathered} 1253 \\ (1083,1434) \end{gathered}$ | $\begin{gathered} 942.0 \\ (813.5, \\ 1,075.2) \\ \hline \end{gathered}$ | $\begin{gathered} -5.3 \\ (-9.2,-1.1) \end{gathered}$ |
| Cuba | $\begin{gathered} 113065 \\ (97325,130951) \end{gathered}$ | $\begin{gathered} 1,108.8 \\ (955.1, \\ 1,276.3) \\ \hline \end{gathered}$ | $\begin{gathered} 192564 \\ (164516,221088) \end{gathered}$ | $\begin{gathered} 991.0 \\ (846.0, \\ 1,139.0) \\ \hline \end{gathered}$ | $\begin{gathered} -10.6 \\ (-14.2,-6.4) \end{gathered}$ |
| Dominica | $\begin{gathered} 725 \\ (618,838) \end{gathered}$ | 988.6 $(846.9$, $1,133.9)$ | $\begin{gathered} 849 \\ (726,972) \end{gathered}$ | 932.6 $(799.9$, $1,067.6)$ | $\begin{gathered} -5.7 \\ (-9.7,-1.5) \end{gathered}$ |
| Dominican Republic | $\begin{gathered} 35501 \\ (30571,40733) \end{gathered}$ | $\begin{aligned} & 1,030.1 \\ & (888.8, \\ & 1,176.3) \\ & \hline \end{aligned}$ | $\begin{gathered} 90328 \\ (77879,103688) \end{gathered}$ | $\begin{gathered} 1,008.3 \\ (867.8, \\ 1,156.7) \\ \hline \end{gathered}$ | $\begin{gathered} -2.1 \\ (-6.6,2.9) \end{gathered}$ |
| Grenada | $\begin{gathered} 764 \\ (656,883) \end{gathered}$ | $\begin{array}{r} 1,016.8 \\ (880.2, \\ 1,164.4) \\ \hline \end{array}$ | $\begin{gathered} 1074 \\ (922,1231) \end{gathered}$ | $\begin{array}{r} 1,007.9 \\ (866.7, \\ 1,152.7) \\ \hline \end{array}$ | $\begin{gathered} -0.9 \\ (-5.4,4.0) \end{gathered}$ |
| Guyana | $\begin{gathered} 3418 \\ (2943,3917) \end{gathered}$ | $\begin{gathered} 998.2 \\ (865.6, \\ 1,144.9) \end{gathered}$ | $\begin{gathered} 5581 \\ (4797,6441) \end{gathered}$ | $\begin{gathered} \hline 974.2 \\ (843.1, \\ 1,127.0) \\ \hline \end{gathered}$ | $\begin{gathered} -2.4 \\ (-7.1,2.6) \end{gathered}$ |
| Haiti | $\begin{gathered} 26628 \\ (22664,30692) \end{gathered}$ | $\begin{gathered} 938.5 \\ (805.6, \\ 1,073.1) \\ \hline \end{gathered}$ | $\begin{gathered} 54515 \\ (46730,63026) \end{gathered}$ | 878.8 $(754.9$, $1,013.7)$ | $\begin{gathered} -6.4 \\ (-10.3,-2.1) \end{gathered}$ |
| Jamaica | $\begin{gathered} 17848 \\ (15308,20482) \end{gathered}$ | $\begin{gathered} 994.0 \\ (860.8, \\ 1,136.8) \\ \hline \end{gathered}$ | $\begin{gathered} 32259 \\ (27973,36661) \end{gathered}$ | $\begin{gathered} 1,068.1 \\ (921.2, \\ 1,217.9) \\ \hline \end{gathered}$ | $\begin{gathered} 7.5 \\ (2.7,12.4) \end{gathered}$ |


| Puerto Rico | $\begin{gathered} 36028 \\ (30851,41505) \end{gathered}$ | $\begin{gathered} 995.1 \\ (857.5, \\ 1,138.8) \end{gathered}$ | $\begin{gathered} 71957 \\ (61462,83018) \end{gathered}$ | $\begin{gathered} \hline 971.9 \\ (836.1, \\ 1,114.1) \\ \hline \end{gathered}$ | $\begin{gathered} -2.3 \\ (-6.8,1.7) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Saint Kitts and Nevis | $\begin{gathered} 377 \\ (317,440) \end{gathered}$ | $\begin{aligned} & 1,010.2 \\ & (869.2, \\ & 1,157.9) \end{aligned}$ | $\begin{gathered} 591 \\ (507,677) \end{gathered}$ | $\begin{gathered} 975.8 \\ (839.8, \\ 1,113.5) \end{gathered}$ | $\begin{gathered} -3.4 \\ (-7.4,1.0) \end{gathered}$ |
| Saint Lucia | $\begin{gathered} 914 \\ (775,1056) \end{gathered}$ | $\begin{aligned} & 1,074.6 \\ & (916.3, \\ & 1,230.5) \end{aligned}$ | $\begin{gathered} 2127 \\ (1835,2423) \end{gathered}$ | $\begin{aligned} & 1,002.3 \\ & (864.3, \\ & 1,146.2) \end{aligned}$ | $\begin{gathered} -6.7 \\ (-10.3,-2.6) \end{gathered}$ |
| Saint Vincent and the Grenadines | $\begin{gathered} 715 \\ (611,829) \end{gathered}$ | $\begin{aligned} & 1,018.9 \\ & (880.1, \\ & 1,171.6) \\ & \hline \end{aligned}$ | $\begin{gathered} 1332 \\ (1151,1525) \end{gathered}$ | $\begin{array}{r} 1,005.1 \\ (867.2, \\ 1,147.8) \\ \hline \end{array}$ | $\begin{gathered} -1.4 \\ (-5.7,3.1) \end{gathered}$ |
| Suriname | $\begin{gathered} 2546 \\ (2205,2902) \end{gathered}$ | $\begin{aligned} & \hline 1,033.3 \\ & (895.4, \\ & 1,182.6) \\ & \hline \end{aligned}$ | $\begin{gathered} 6153 \\ (5286,7038) \end{gathered}$ | $\begin{gathered} 1,061.2 \\ (910.0, \\ 1,212.0) \\ \hline \end{gathered}$ | $\begin{gathered} 2.7 \\ (-1.6,7.8) \end{gathered}$ |
| Trinidad and Tobago | $\begin{gathered} 9365 \\ (8009,10780) \end{gathered}$ | $\begin{array}{r} 1,167.5 \\ (1,001.5, \\ 1,338.8) \\ \hline \end{array}$ | $\begin{gathered} 19799 \\ (17028,22828) \end{gathered}$ | $\begin{aligned} & 1,083.1 \\ & (932.6, \\ & 1,243.3) \end{aligned}$ | $\begin{gathered} -7.2 \\ (-11.4,-3.3) \end{gathered}$ |
| United States Virgin Islands | $\begin{gathered} 748 \\ (644,857) \end{gathered}$ | $\begin{gathered} 951.6 \\ (816.9, \\ 1,089.6) \\ \hline \end{gathered}$ | $\begin{gathered} 1751 \\ (1485,2020) \end{gathered}$ | $\begin{gathered} 946.0 \\ (818.5, \\ 1,078.9) \end{gathered}$ | $\begin{gathered} -0.6 \\ (-5.4,4.0) \end{gathered}$ |
| Andean Latin America | $\begin{gathered} 164453 \\ (141531,188224) \end{gathered}$ | $\begin{gathered} 861.3 \\ (742.9,988.6) \end{gathered}$ | $\begin{gathered} 454206 \\ (392058,520945) \end{gathered}$ | $\begin{gathered} 828.7 \\ (715.4,951.2) \end{gathered}$ | $\begin{gathered} -3.8 \\ (-6.9,-0.8) \end{gathered}$ |
| Bolivia (Plurinational State of) | $\begin{gathered} 27429 \\ (23502,31519) \end{gathered}$ | $\begin{gathered} \hline 945.4 \\ (813.0, \\ 1,080.5) \\ \hline \end{gathered}$ | $\begin{gathered} 71634 \\ (61492,81722) \end{gathered}$ | $\begin{gathered} 861.1 \\ (741.8,981.8) \end{gathered}$ | $\begin{gathered} -8.9 \\ (-12.9,-4.7) \end{gathered}$ |
| Ecuador | $\begin{gathered} 45728 \\ (39412,52468) \end{gathered}$ | $\begin{gathered} 916.0 \\ (789.4, \\ 1,051.2) \\ \hline \end{gathered}$ | $\begin{gathered} 126961 \\ (109249,147102) \end{gathered}$ | $\begin{gathered} 866.8 \\ (745.5,999.2) \end{gathered}$ | $\begin{gathered} -5.4 \\ (-9.2,-1.1) \end{gathered}$ |
| Peru | $\begin{gathered} 91296 \\ (78868,104375) \end{gathered}$ | $\begin{gathered} 815.7 \\ (703.5,936.2) \end{gathered}$ | $\begin{gathered} 255611 \\ (220996,292493) \end{gathered}$ | $\begin{gathered} 802.7 \\ (690.0,923.4) \end{gathered}$ | $\begin{gathered} -1.6 \\ (-6.1,3.2) \end{gathered}$ |
| Central Latin America | $\begin{gathered} 943781 \\ (815371,1082009) \end{gathered}$ | $\begin{array}{r} 1,227.5 \\ (1,058.9, \\ 1,408.2) \\ \hline \end{array}$ | $\begin{gathered} 2392336 \\ (2073987,2739949) \end{gathered}$ | $\begin{aligned} & 1,038.9 \\ & (897.5, \\ & 1,190.4) \end{aligned}$ | $\begin{gathered} -15.4 \\ (-16.6,-14.2) \end{gathered}$ |
| Colombia | $\begin{gathered} 189938 \\ (162749,219304) \end{gathered}$ | $\begin{gathered} 1,186.9 \\ (1,017.0, \\ 1,364.1) \\ \hline \end{gathered}$ | $\begin{gathered} 517035 \\ (446922,590506) \end{gathered}$ | $\begin{gathered} 971.5 \\ (838.5, \\ 1,113.2) \end{gathered}$ | $\begin{gathered} -18.1 \\ (-21.9,-14.8) \end{gathered}$ |
| Costa Rica | $\begin{gathered} 19080 \\ (16376,21889) \end{gathered}$ | $\begin{gathered} 1,146.1 \\ (983.7, \\ 1,313.7) \\ \hline \end{gathered}$ | $\begin{gathered} 50918 \\ (43614,58363) \end{gathered}$ | $\begin{gathered} \hline 999.9 \\ (854.8, \\ 1,146.7) \\ \hline \end{gathered}$ | $\begin{gathered} -12.7 \\ (-16.9,-8.7) \end{gathered}$ |
| El Salvador | $\begin{gathered} 28241 \\ (24433,32358) \end{gathered}$ | $\begin{aligned} & 1,000.6 \\ & (863.1, \\ & 1,144.4) \\ & \hline \end{aligned}$ | $\begin{gathered} 58521 \\ (50538,67269) \end{gathered}$ | 971.5 $(835.5$, $1,119.2)$ | $\begin{gathered} -2.9 \\ (-7.5,2.2) \end{gathered}$ |
| Guatemala | $\begin{gathered} 31429 \\ (26844,36245) \end{gathered}$ | $\begin{gathered} \hline 975.0 \\ (840.6, \\ 1,119.7) \\ \hline \end{gathered}$ | $\begin{gathered} 103508 \\ (88912,118873) \end{gathered}$ | $\begin{gathered} \hline 978.0 \\ (842.8, \\ 1,122.8) \\ \hline \end{gathered}$ | $\begin{gathered} 0.3 \\ (-4.2,4.7) \end{gathered}$ |
| Honduras | $\begin{gathered} 20824 \\ (17811,24101) \end{gathered}$ | $\begin{aligned} & 1,101.5 \\ & (946.1, \\ & 1,266.3) \end{aligned}$ | $\begin{gathered} 57966 \\ (49824,66473) \end{gathered}$ | $\begin{aligned} & 1,027.6 \\ & (886.6, \\ & 1,182.1) \\ & \hline \end{aligned}$ | $\begin{gathered} -6.7 \\ (-11.0,-1.6) \end{gathered}$ |
| Mexico | $\begin{gathered} 507716 \\ (441147,580759) \end{gathered}$ | $\begin{array}{r} 1,281.9 \\ (1,108.1, \\ 1,474.6) \end{array}$ | $\begin{gathered} 1231095 \\ (1068404,1408469) \end{gathered}$ | $\begin{aligned} & 1,087.4 \\ & (940.4, \\ & 1,246.9) \end{aligned}$ | $\begin{gathered} -15.2 \\ (-16.3,-13.9) \end{gathered}$ |
| Nicaragua | $\begin{gathered} 15645 \\ (13452,17995) \end{gathered}$ | $\begin{aligned} & 1,125.5 \\ & (967.4, \\ & 1,290.9) \end{aligned}$ | $\begin{gathered} 42195 \\ (36431,48475) \end{gathered}$ | $\begin{aligned} & 1,029.2 \\ & (886.2, \\ & 1,177.4) \end{aligned}$ | $\begin{gathered} -8.6 \\ (-12.5,-4.3) \end{gathered}$ |
| Panama | $\begin{gathered} 15053 \\ (12832,17253) \end{gathered}$ | $\begin{gathered} 1,054.5 \\ (902.3, \\ 1,206.9) \\ \hline \end{gathered}$ | $\begin{gathered} 40172 \\ (34512,45945) \end{gathered}$ | $\begin{gathered} 968.6 \\ (831.8, \\ 1,110.1) \\ \hline \end{gathered}$ | $\begin{gathered} -8.1 \\ (-12.0,-4.4) \end{gathered}$ |
| Venezuela <br> (Bolivarian <br> Republic of) | $\begin{gathered} 115857 \\ (99912,132516) \end{gathered}$ | $\begin{gathered} 1,302.0 \\ (1,120.3, \\ 1,494.7) \end{gathered}$ | $\begin{gathered} 290926 \\ (248944,334939) \end{gathered}$ | $\begin{aligned} & 1,031.6 \\ & (883.1, \\ & 1,184.9) \end{aligned}$ | $\begin{gathered} -20.8 \\ (-24.2,-16.5) \end{gathered}$ |


| Tropical Latin America | $\begin{gathered} 986665 \\ (851435,1132472) \end{gathered}$ | $\begin{array}{r} 1,187.3 \\ (1,029.4, \\ 1,354.1) \\ \hline \end{array}$ | $\begin{gathered} 2233807 \\ (1944381,2556679) \end{gathered}$ | $\begin{gathered} \hline 941.6 \\ (817.7, \\ 1,072.8) \\ \hline \end{gathered}$ | $\begin{gathered} -20.7 \\ (-21.9,-19.6) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Brazil | $\begin{gathered} 962998 \\ (830627,1105385) \end{gathered}$ | $\begin{array}{r} 1,189.0 \\ (1,031.5, \\ 1,355.4) \end{array}$ | $\begin{gathered} 2176800 \\ (1893801,2491765) \end{gathered}$ | $\begin{gathered} 938.7 \\ (815.1, \\ 1,068.9) \end{gathered}$ | $\begin{gathered} -21.1 \\ (-22.2,-19.9) \end{gathered}$ |
| Paraguay | $\begin{gathered} 23667 \\ (20438,27112) \end{gathered}$ | $\begin{aligned} & 1,128.2 \\ & (971.3, \\ & 1,293.2) \end{aligned}$ | $\begin{gathered} 57007 \\ (49154,65617) \end{gathered}$ | $\begin{aligned} & 1,068.4 \\ & (919.2, \\ & 1,232.4) \end{aligned}$ | $\begin{gathered} -5.3 \\ (-9.5,-0.8) \end{gathered}$ |
| North Africa and Middle East | $\begin{gathered} 1744752 \\ (1500809,2003449) \end{gathered}$ | $\begin{aligned} & 1,130.5 \\ & (984.2, \\ & 1,293.1) \\ & \hline \end{aligned}$ | $\begin{gathered} 4483708 \\ (3873089,5120535) \end{gathered}$ | $\begin{array}{r} 1,115.6 \\ (966.1, \\ 1,276.4) \\ \hline \end{array}$ | $\begin{gathered} -1.3 \\ (-2.6,0.1) \end{gathered}$ |
| Afghanistan | $\begin{gathered} 63013 \\ (53530,73219) \end{gathered}$ | $\begin{gathered} \hline 959.0 \\ (830.0, \\ 1,103.1) \\ \hline \end{gathered}$ | $\begin{gathered} 116559 \\ (100012,134096) \end{gathered}$ | $\begin{array}{r} 1,057.5 \\ (911.8, \\ 1,214.2) \\ \hline \end{array}$ | $\begin{gathered} 10.3 \\ (5.4,15.4) \end{gathered}$ |
| Algeria | $\begin{gathered} 126926 \\ (107384,147726) \end{gathered}$ | $\begin{aligned} & \hline 1,131.9 \\ & (972.8, \\ & 1,300.8) \end{aligned}$ | $\begin{gathered} 354303 \\ (302934,406257) \end{gathered}$ | $\begin{aligned} & 1,117.6 \\ & (957.5, \\ & 1,279.1) \end{aligned}$ | $\begin{gathered} -1.3 \\ (-5.4,3.2) \end{gathered}$ |
| Bahrain | $\begin{gathered} 1843 \\ (1574,2126) \end{gathered}$ | $\begin{array}{r} 1,217.1 \\ (1,052.5, \\ 1,392.0) \\ \hline \end{array}$ | $\begin{gathered} 10950 \\ (9239,12602) \end{gathered}$ | $\begin{array}{r} 1,185.5 \\ (1,030.1, \\ 1,351.3) \end{array}$ | $\begin{gathered} -2.6 \\ (-7.0,1.5) \end{gathered}$ |
| Egypt | $\begin{gathered} 268125 \\ (231469,307926) \end{gathered}$ | $\begin{aligned} & 1,020.5 \\ & (892.1, \\ & 1,173.1) \\ & \hline \end{aligned}$ | $\begin{gathered} 634100 \\ (541030,733285) \end{gathered}$ | $\begin{gathered} 1,098.2 \\ (943.3, \\ 1,270.7) \\ \hline \end{gathered}$ | $\begin{gathered} 7.6 \\ (3.1,12.8) \end{gathered}$ |
| Iran (Islamic Republic of) | $\begin{gathered} 245078 \\ (209425,282333) \end{gathered}$ | $\begin{gathered} 1,077.0 \\ (936.0, \\ 1,228.8) \\ \hline \end{gathered}$ | $\begin{gathered} 788551 \\ (682504,896622) \end{gathered}$ | $\begin{gathered} 1,139.5 \\ (989.9, \\ 1,301.2) \\ \hline \end{gathered}$ | $\begin{gathered} 5.8 \\ (4.6,7.1) \end{gathered}$ |
| Iraq | $\begin{gathered} 99898 \\ (86142,114430) \end{gathered}$ | $\begin{gathered} \hline 1,388.7 \\ (1,201.8, \\ 1,591.7) \\ \hline \end{gathered}$ | $\begin{gathered} 257562 \\ (220751,295983) \end{gathered}$ | $\begin{array}{r} \hline 1,233.9 \\ (1,061.9, \\ 1,416.8) \\ \hline \end{array}$ | $\begin{gathered} -11.1 \\ (-15.1,-7.5) \end{gathered}$ |
| Jordan | $\begin{gathered} 14374 \\ (12259,16612) \end{gathered}$ | $\begin{gathered} 1,215.2 \\ (1,051.5, \\ 1,401.8) \end{gathered}$ | $\begin{gathered} 71948 \\ (61963,83080) \end{gathered}$ | $\begin{gathered} 1,191.4 \\ (1,029.6, \\ 1,367.4) \\ \hline \end{gathered}$ | $\begin{gathered} -2.0 \\ (-5.7,2.3) \end{gathered}$ |
| Kuwait | $\begin{gathered} 5831 \\ (5016,6635) \end{gathered}$ | $\begin{gathered} 1,096.9 \\ (949.4, \\ 1,251.8) \end{gathered}$ | $\begin{gathered} 27445 \\ (23692,31147) \end{gathered}$ | $\begin{aligned} & \hline 1,119.9 \\ & (964.7, \\ & 1,278.0) \\ & \hline \end{aligned}$ | $\begin{gathered} 2.1 \\ (-1.8,6.0) \end{gathered}$ |
| Lebanon | $\begin{gathered} 27761 \\ (23803,31933) \end{gathered}$ | $\begin{gathered} 1,314.6 \\ (1,132.7, \\ 1,510.4) \\ \hline \end{gathered}$ | $\begin{gathered} 70655 \\ (60571,81507) \end{gathered}$ | $\begin{gathered} 1,364.4 \\ (1,173.5, \\ 1,570.3) \\ \hline \end{gathered}$ | $\begin{gathered} 3.8 \\ (-0.5,8.1) \end{gathered}$ |
| Libya | $\begin{gathered} 18575 \\ (16019,21137) \end{gathered}$ | $\begin{gathered} 1,079.1 \\ (931.1, \\ 1,227.7) \\ \hline \end{gathered}$ | $\begin{gathered} 53297 \\ (46184,60623) \end{gathered}$ | $\begin{gathered} 1,113.0 \\ (963.7, \\ 1,277.6) \\ \hline \end{gathered}$ | $\begin{gathered} 3.1 \\ (-1.1,7.5) \end{gathered}$ |
| Morocco | $\begin{gathered} 135426 \\ (116125,155971) \end{gathered}$ | $\begin{aligned} & 1,088.7 \\ & (941.0, \\ & 1,250.3) \\ & \hline \end{aligned}$ | $\begin{gathered} 316061 \\ (273103,361695) \end{gathered}$ | $\begin{aligned} & \hline 1,082.0 \\ & (936.2, \\ & 1,239.1) \\ & \hline \end{aligned}$ | $\begin{gathered} -0.6 \\ (-4.5,3.5) \end{gathered}$ |
| Palestine | $\begin{gathered} 8655 \\ (7419,9958) \end{gathered}$ | $\begin{gathered} 1,073.9 \\ (922.1, \\ 1,226.8) \\ \hline \end{gathered}$ | $\begin{gathered} 23350 \\ (20007,26706) \end{gathered}$ | $\begin{gathered} 1,082.9 \\ (937.9, \\ 1,244.8) \\ \hline \end{gathered}$ | $\begin{gathered} 0.8 \\ (-3.7,5.3) \end{gathered}$ |
| Oman | $\begin{gathered} 6056 \\ (5159,6964) \end{gathered}$ | $\begin{aligned} & 1,075.7 \\ & (926.8, \\ & 1,228.4) \\ & \hline \end{aligned}$ | $\begin{gathered} 17970 \\ (15379,20724) \end{gathered}$ | $\begin{gathered} 1,171.0 \\ (1,007.0, \\ 1,335.1) \\ \hline \end{gathered}$ | $\begin{gathered} 8.9 \\ (4.5,13.7) \end{gathered}$ |
| Qatar | $\begin{gathered} 1230 \\ (1042,1428) \end{gathered}$ | $\begin{array}{r} 1,264.6 \\ (1,089.2, \\ 1,453.8) \\ \hline \end{array}$ | $\begin{gathered} 9863 \\ (8247,11536) \end{gathered}$ | $\begin{gathered} 1,074.1 \\ (930.3, \\ 1,221.9) \\ \hline \end{gathered}$ | $\begin{gathered} -15.1 \\ (-19.0,-11.4) \end{gathered}$ |
| Saudi Arabia | $\begin{gathered} 50312 \\ (43441,57299) \end{gathered}$ | $\begin{gathered} \hline 967.1 \\ (837.2, \\ 1,104.2) \\ \hline \end{gathered}$ | $\begin{gathered} 153378 \\ (131220,175890) \end{gathered}$ | $\begin{gathered} 978.5 \\ (844.5, \\ 1,111.6) \\ \hline \end{gathered}$ | $\begin{gathered} 1.2 \\ (-3.5,5.2) \end{gathered}$ |
| Sudan | $\begin{gathered} 73000 \\ (62456,84433) \end{gathered}$ | $\begin{gathered} 860.3 \\ (745.3,990.4) \end{gathered}$ | $\begin{gathered} 157178 \\ (135358,179196) \end{gathered}$ | $\begin{gathered} \hline 918.3 \\ (793.6, \\ 1,047.5) \\ \hline \end{gathered}$ | $\begin{gathered} 6.7 \\ (2.0,11.4) \end{gathered}$ |
| Syrian Arab Republic | $\begin{gathered} 52878 \\ (45357,60719) \end{gathered}$ | $\begin{array}{r} 1,104.0 \\ (957.2, \\ 1,265.7) \\ \hline \end{array}$ | $\begin{gathered} 121772 \\ (104084,139529) \end{gathered}$ | $\begin{aligned} & 1,044.8 \\ & (899.5, \\ & 1,195.2) \\ & \hline \end{aligned}$ | $\begin{gathered} -5.4 \\ (-9.2,-1.2) \end{gathered}$ |


| Tunisia | $\begin{gathered} 52568 \\ (45066,60318) \end{gathered}$ | $\begin{aligned} & \hline 1,129.5 \\ & (979.6, \\ & 1,291.3) \\ & \hline \end{aligned}$ | $\begin{gathered} 142335 \\ (123094,162365) \end{gathered}$ | $1,164.6$ $(1,007.2$, $1,327.4)$ | $\begin{gathered} 3.1 \\ (-1.8,8.3) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Türkiye | $\begin{gathered} 445580 \\ (383085,513015) \end{gathered}$ | $\begin{gathered} \hline 1,340.1 \\ (1,154.4, \\ 1,538.9) \\ \hline \end{gathered}$ | $\begin{gathered} 991808 \\ (859414,1135755) \end{gathered}$ | $\begin{aligned} & 1,149.4 \\ & (994.1, \\ & 1,313.7) \end{aligned}$ | $\begin{gathered} -14.2 \\ (-17.9,-10.3) \end{gathered}$ |
| United Arab Emirates | $\begin{gathered} 3907 \\ (3295,4505) \end{gathered}$ | $\begin{gathered} 1,096.9 \\ (945.8, \\ 1,249.5) \end{gathered}$ | $\begin{gathered} 38210 \\ (31705,44911) \end{gathered}$ | $\begin{aligned} & 1,062.5 \\ & (915.3, \\ & 1,220.1) \\ & \hline \end{aligned}$ | $\begin{gathered} -3.1 \\ (-7.5,1.0) \end{gathered}$ |
| Yemen | $\begin{gathered} 42544 \\ (36495,49002) \end{gathered}$ | $\begin{gathered} 999.5 \\ (868.6, \\ 1,139.7) \\ \hline \end{gathered}$ | $\begin{gathered} 121858 \\ (104299,139518) \end{gathered}$ | $\begin{aligned} & 1,023.0 \\ & (885.9, \\ & 1,164.3) \\ & \hline \end{aligned}$ | $\begin{gathered} 2.3 \\ (-2.1,7.2) \end{gathered}$ |
| South Asia | $\begin{gathered} 4514895 \\ (3871587,5193630) \end{gathered}$ | $\begin{gathered} \hline 918.3 \\ (797.3, \\ 1,052.2) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 12004464 \\ (10387163, \\ 13752790) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 917.3 \\ (797.7, \\ 1,047.2) \\ \hline \end{gathered}$ | $\begin{gathered} -0.1 \\ (-1.1,0.8) \end{gathered}$ |
| Bangladesh | $\begin{gathered} 358655 \\ (308090,411336) \end{gathered}$ | $\begin{gathered} 845.4 \\ (729.9,970.9) \end{gathered}$ | $\begin{gathered} 1022704 \\ (874879,1176458) \end{gathered}$ | $\begin{gathered} 819.9 \\ (708.8,939.1) \end{gathered}$ | $\begin{gathered} -3.0 \\ (-7.1,1.2) \end{gathered}$ |
| Bhutan | $\begin{gathered} 1870 \\ (1614,2144) \end{gathered}$ | $\begin{gathered} 888.1 \\ (772.2, \\ 1,013.9) \end{gathered}$ | $\begin{gathered} 4514 \\ (3883,5190) \end{gathered}$ | $\begin{gathered} 853.5 \\ (736.3,971.8) \end{gathered}$ | $\begin{gathered} -3.9 \\ (-8.1,0.5) \end{gathered}$ |
| India | $\begin{gathered} 3536023 \\ (3022608,4068053) \end{gathered}$ | $\begin{gathered} 910.6 \\ (790.8, \\ 1,041.7) \\ \hline \end{gathered}$ | $\begin{gathered} 9775720 \\ (8457655, \\ 11207856) \\ \hline \end{gathered}$ | $\begin{array}{r} 918.9 \\ (797.5, \\ 1,050.7) \\ \hline \end{array}$ | $\begin{gathered} 0.9 \\ (-0.1,1.9) \end{gathered}$ |
| Nepal | $\begin{gathered} 76461 \\ (65594,88725) \end{gathered}$ | $\begin{gathered} \hline 928.8 \\ (804.1, \\ 1,063.2) \\ \hline \end{gathered}$ | $\begin{gathered} 187122 \\ (160343,216783) \end{gathered}$ | $\begin{gathered} \hline 899.0 \\ (777.8, \\ 1,033.4) \\ \hline \end{gathered}$ | $\begin{gathered} -3.2 \\ (-7.1,1.0) \end{gathered}$ |
| Pakistan | $\begin{gathered} 541886 \\ (468565,620906) \end{gathered}$ | $\begin{aligned} & 1,017.0 \\ & (880.7, \\ & 1,157.1) \\ & \hline \end{aligned}$ | $\begin{gathered} 1014403 \\ (871243,1162602) \end{gathered}$ | $\begin{array}{r} 1,032.9 \\ (893.3, \\ 1,180.7) \\ \hline \end{array}$ | $\begin{gathered} 1.6 \\ (-1.2,4.6) \end{gathered}$ |
| Central SubSaharan Africa | $\begin{gathered} 208069 \\ (177026,240619) \end{gathered}$ | $\begin{gathered} 1,080.5 \\ (932.0, \\ 1,242.3) \\ \hline \end{gathered}$ | $\begin{gathered} 489866 \\ (419830,560169) \end{gathered}$ | $\begin{aligned} & 1,073.5 \\ & (924.1, \\ & 1,224.6) \\ & \hline \end{aligned}$ | $\begin{gathered} -0.6 \\ (-3.9,2.8) \end{gathered}$ |
| Angola | $\begin{gathered} 36524 \\ (31250,42522) \end{gathered}$ | $\begin{aligned} & \hline 1,136.6 \\ & (978.3, \\ & 1,295.8) \\ & \hline \end{aligned}$ | $\begin{gathered} 114480 \\ (97964,132163) \end{gathered}$ | $\begin{array}{r} 1,209.7 \\ (1,044.2, \\ 1,381.0) \\ \hline \end{array}$ | $\begin{gathered} 6.4 \\ (1.4,11.3) \end{gathered}$ |
| Central African Republic | $\begin{gathered} 10564 \\ (8981,12268) \end{gathered}$ | $\begin{gathered} 1,101.7 \\ (948.7, \\ 1,262.0) \end{gathered}$ | $\begin{gathered} 19649 \\ (16801,22678) \end{gathered}$ | $\begin{aligned} & \hline 1,116.2 \\ & (963.6, \\ & 1,283.6) \\ & \hline \end{aligned}$ | $\begin{gathered} 1.3 \\ (-3.1,6.8) \end{gathered}$ |
| Congo | $\begin{gathered} 10981 \\ (9351,12745) \end{gathered}$ | $\begin{gathered} 1,201.3 \\ (1,032.9, \\ 1,374.9) \end{gathered}$ | $\begin{gathered} 25637 \\ (21902,29426) \end{gathered}$ | $\begin{aligned} & 1,132.7 \\ & (973.4, \\ & 1,301.4) \end{aligned}$ | $\begin{gathered} -5.7 \\ (-9.8,-1.4) \end{gathered}$ |
| Democratic Republic of the Congo | $\begin{gathered} 142255 \\ (121309,164664) \end{gathered}$ | $\begin{aligned} & 1,049.7 \\ & (903.5, \\ & 1,209.6) \end{aligned}$ | $\begin{gathered} 314181 \\ (268549,358748) \end{gathered}$ | $\begin{aligned} & 1,021.9 \\ & (880.5, \\ & 1,163.8) \end{aligned}$ | $\begin{gathered} -2.7 \\ (-7.1,2.1) \end{gathered}$ |
| Equatorial Guinea | $\begin{gathered} 1902 \\ (1623,2204) \end{gathered}$ | $\begin{aligned} & 1,119.3 \\ & \text { (965.1, } \\ & \text { 1,288.4) } \end{aligned}$ | $\begin{gathered} 4956 \\ (4256,5633) \end{gathered}$ | $\begin{gathered} 1,186.9 \\ (1,025.7, \\ 1,355.1) \\ \hline \end{gathered}$ | $\begin{gathered} 6.0 \\ (0.1,11.9) \end{gathered}$ |
| Gabon | $\begin{gathered} 5842 \\ (5022,6701) \end{gathered}$ | $\begin{array}{r} \hline 1,164.4 \\ (1,007.4, \\ 1,328.3) \\ \hline \end{array}$ | $\begin{gathered} 10962 \\ (9409,12517) \end{gathered}$ | $\begin{gathered} \hline 1,175.2 \\ (1,014.8, \\ 1,343.9) \\ \hline \end{gathered}$ | $\begin{gathered} 0.9 \\ (-3.3,5.8) \end{gathered}$ |
| Eastern Sub- <br> Saharan Africa | $\begin{gathered} 596225 \\ (511670,687329) \end{gathered}$ | $\begin{gathered} \hline 916.9 \\ (796.8, \\ 1,053.1) \\ \hline \end{gathered}$ | $\begin{gathered} 1349014 \\ (1160033,1547847) \end{gathered}$ | $\begin{gathered} \hline 939.1 \\ (813.8, \\ 1,076.6) \\ \hline \end{gathered}$ | $\begin{gathered} 2.4 \\ (1.2,3.8) \end{gathered}$ |
| Burundi | $\begin{gathered} 19736 \\ (16854,22755) \end{gathered}$ | $\begin{gathered} 942.4 \\ (815.0, \\ 1,080.9) \\ \hline \end{gathered}$ | $\begin{gathered} 36133 \\ (30811,41507) \end{gathered}$ | $\begin{array}{r} 918.5 \\ (800.2, \\ 1,050.9) \\ \hline \end{array}$ | $\begin{gathered} -2.5 \\ (-7.5,2.4) \end{gathered}$ |
| Comoros | $\begin{gathered} 1924 \\ (1648,2226) \end{gathered}$ | $\begin{gathered} \hline 944.5 \\ (816.1, \\ 1,090.2) \\ \hline \end{gathered}$ | $\begin{gathered} 4312 \\ (3707,4977) \end{gathered}$ | $\begin{gathered} \hline 945.2 \\ (815.7, \\ 1,088.5) \\ \hline \end{gathered}$ | $\begin{gathered} 0.1 \\ (-4.3,4.5) \end{gathered}$ |
| Djibouti | $\begin{gathered} 1099 \\ (938,1267) \end{gathered}$ | $\begin{gathered} 957.0 \\ (826.7, \\ 1,096.2) \end{gathered}$ | $\begin{gathered} 5025 \\ (4293,5787) \end{gathered}$ | 980.0 $(846.8$, $1,120.9)$ | $\begin{gathered} 2.4 \\ (-1.8,6.8) \end{gathered}$ |


| Eritrea | $\begin{gathered} 7191 \\ (6128,8292) \end{gathered}$ | $\begin{gathered} \hline 915.2 \\ (790.7, \\ 1,048.5) \\ \hline \end{gathered}$ | $\begin{gathered} 20254 \\ (17286,23339) \end{gathered}$ | $\begin{gathered} 910.5 \\ (787.3, \\ 1,040.7) \\ \hline \end{gathered}$ | $\begin{gathered} -0.5 \\ (-5.2,4.2) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Ethiopia | $\begin{gathered} 135829 \\ (115398,157049) \end{gathered}$ | $\begin{gathered} 817.7 \\ (708.2,939.6) \end{gathered}$ | $\begin{gathered} 300425 \\ (259009,343902) \end{gathered}$ | $\begin{gathered} 807.2 \\ (699.6,926.8) \end{gathered}$ | $\begin{gathered} -1.3 \\ (-3.4,0.9) \end{gathered}$ |
| Kenya | $\begin{gathered} 71955 \\ (62029,82518) \end{gathered}$ | $\begin{gathered} 977.8 \\ (846.8, \\ 1,116.4) \end{gathered}$ | $\begin{gathered} 191374 \\ (164495,219133) \end{gathered}$ | $\begin{gathered} \hline 995.1 \\ (860.7, \\ 1,140.3) \\ \hline \end{gathered}$ | $\begin{gathered} 1.8 \\ (0.9,2.6) \end{gathered}$ |
| Madagascar | $\begin{gathered} 40917 \\ (35129,47048) \end{gathered}$ | $\begin{gathered} 894.2 \\ (773.1, \\ 1,024.3) \\ \hline \end{gathered}$ | $\begin{gathered} 85314 \\ (72766,98270) \end{gathered}$ | 915.9 $(792.6$, $1,053.2)$ | $\begin{gathered} 2.4 \\ (-1.8,6.8) \end{gathered}$ |
| Malawi | $\begin{gathered} 35713 \\ (30516,41174) \end{gathered}$ | $\begin{aligned} & 1,061.2 \\ & \text { (914.3, } \\ & 1,213.5) \end{aligned}$ | $\begin{gathered} 66357 \\ (57109,76108) \end{gathered}$ | $\begin{aligned} & 1,030.7 \\ & (891.5, \\ & 1,183.5) \\ & \hline \end{aligned}$ | $\begin{gathered} -2.9 \\ (-7.0,1.3) \end{gathered}$ |
| Mozambique | $\begin{gathered} 52393 \\ (44940,60563) \end{gathered}$ | $\begin{gathered} \hline 994.5 \\ (858.9, \\ 1,147.9) \\ \hline \end{gathered}$ | $\begin{gathered} 101182 \\ (86743,117030) \end{gathered}$ | $\begin{gathered} 1,058.9 \\ (916.1, \\ 1,215.9) \end{gathered}$ | $\begin{gathered} 6.5 \\ (1.8,11.5) \end{gathered}$ |
| Rwanda | $\begin{gathered} 25419 \\ (21629,29354) \end{gathered}$ | $\begin{aligned} & \hline 1,011.4 \\ & (869.0, \\ & 1,164.3) \\ & \hline \end{aligned}$ | $\begin{gathered} 53743 \\ (45884,61367) \end{gathered}$ | $\begin{aligned} & 1,017.1 \\ & (875.3, \\ & 1,171.1) \\ & \hline \end{aligned}$ | $\begin{gathered} 0.6 \\ (-3.6,5.4) \end{gathered}$ |
| Somalia | $\begin{gathered} 19369 \\ (16535,22283) \end{gathered}$ | $\begin{gathered} 923.9 \\ (804.0, \\ 1,060.5) \\ \hline \end{gathered}$ | $\begin{gathered} 53486 \\ (45638,61831) \end{gathered}$ | $\begin{gathered} \hline 974.1 \\ (839.7, \\ 1,114.9) \\ \hline \end{gathered}$ | $\begin{gathered} 5.4 \\ (0.7,10.8) \end{gathered}$ |
| South Sudan | $\begin{gathered} 18840 \\ (16221,21548) \end{gathered}$ | $\begin{gathered} 889.4 \\ (766.4, \\ 1,013.4) \end{gathered}$ | $\begin{gathered} 32862 \\ (28268,37333) \end{gathered}$ | $\begin{gathered} 963.5 \\ (835.2, \\ 1,097.5) \\ \hline \end{gathered}$ | $\begin{gathered} 8.3 \\ (3.7,12.8) \end{gathered}$ |
| Uganda | $\begin{gathered} 51834 \\ (44610,59310) \end{gathered}$ | $\begin{gathered} 899.6 \\ (779.5, \\ 1,028.4) \\ \hline \end{gathered}$ | $\begin{gathered} 115864 \\ (99377,132329) \end{gathered}$ | $\begin{gathered} 933.8 \\ (804.9, \\ 1,072.6) \\ \hline \end{gathered}$ | $\begin{gathered} 3.8 \\ (-0.7,8.4) \end{gathered}$ |
| United Republic of Tanzania | $\begin{gathered} 89553 \\ (77028,103356) \end{gathered}$ | $\begin{gathered} \hline 926.5 \\ (801.6, \\ 1,062.6) \\ \hline \end{gathered}$ | $\begin{gathered} 225106 \\ (194217,258723) \end{gathered}$ | $\begin{aligned} & 1,015.9 \\ & (874.6, \\ & 1,162.2) \\ & \hline \end{aligned}$ | $\begin{gathered} 9.6 \\ (5.0,14.5) \end{gathered}$ |
| Zambia | $\begin{gathered} 24015 \\ (20620,27709) \end{gathered}$ | $\begin{gathered} 964.9 \\ (831.7, \\ 1,114.2) \end{gathered}$ | $\begin{gathered} 56498 \\ (48601,64729) \end{gathered}$ | $\begin{gathered} 974.6 \\ (833.0, \\ 1,115.7) \\ \hline \end{gathered}$ | $\begin{gathered} 1.0 \\ (-3.4,5.6) \end{gathered}$ |
| Southern Sub- <br> Saharan Africa | $\begin{gathered} 379295 \\ (327243,433543) \end{gathered}$ | $\begin{array}{r} 1,511.3 \\ (1,305.0, \\ 1,732.9) \\ \hline \end{array}$ | $\begin{gathered} 676050 \\ (584849,774097) \end{gathered}$ | $\begin{gathered} \hline 1,307.5 \\ (1,135.5, \\ 1,490.7) \\ \hline \end{gathered}$ | $\begin{gathered} -13.5 \\ (-14.9,-12.0) \end{gathered}$ |
| Botswana | $\begin{gathered} 6448 \\ (5496,7504) \end{gathered}$ | $\begin{gathered} 1,287.3 \\ (1,106.1, \\ 1,483.1) \\ \hline \end{gathered}$ | $\begin{gathered} 15483 \\ (13314,17814) \end{gathered}$ | $\begin{array}{r} 1,302.6 \\ (1,127.5, \\ 1,502.0) \\ \hline \end{array}$ | $\begin{gathered} 1.2 \\ (-3.6,6.3) \end{gathered}$ |
| Lesotho | $\begin{gathered} 10811 \\ (9317,12401) \end{gathered}$ | $\begin{array}{r} \hline 1,213.6 \\ (1,054.2, \\ 1,380.1) \\ \hline \end{array}$ | $\begin{gathered} 14799 \\ (12632,17020) \end{gathered}$ | $\begin{gathered} 1,326.7 \\ (1,145.7, \\ 1,519.8) \end{gathered}$ | $\begin{gathered} 9.3 \\ (3.9,14.8) \end{gathered}$ |
| Namibia | $\begin{gathered} 8525 \\ (7270,9890) \end{gathered}$ | $\begin{gathered} 1,292.8 \\ (1,116.9, \\ 1,481.1) \\ \hline \end{gathered}$ | $\begin{gathered} 15871 \\ (13705,18148) \end{gathered}$ | $\begin{array}{r} 1,225.3 \\ (1,061.5, \\ 1,400.9) \\ \hline \end{array}$ | $\begin{gathered} -5.2 \\ (-9.7,-0.5) \end{gathered}$ |
| South Africa | $\begin{gathered} 307645 \\ (265352,351539) \end{gathered}$ | $\begin{array}{r} 1,599.1 \\ (1,380.5, \\ 1,830.2) \\ \hline \end{array}$ | $\begin{gathered} 544572 \\ (470638,622398) \end{gathered}$ | $\begin{gathered} 1,311.6 \\ (1,139.3, \\ 1,497.0) \\ \hline \end{gathered}$ | $\begin{gathered} -18.0 \\ (-19.7,-16.3) \end{gathered}$ |
| Eswatini | $\begin{gathered} 3418 \\ (2944,3924) \end{gathered}$ | $\begin{array}{r} 1,340.4 \\ (1,154.9, \\ 1,535.2) \end{array}$ | $\begin{gathered} 6974 \\ (5958,8039) \end{gathered}$ | $\begin{array}{r} 1,381.0 \\ (1,183.2, \\ 1,590.2) \end{array}$ | $\begin{gathered} 3.0 \\ (-1.7,7.9) \end{gathered}$ |
| Zimbabwe | $\begin{gathered} 42447 \\ (36442,49337) \end{gathered}$ | $\begin{array}{r} 1,185.6 \\ (1,022.2, \\ 1,360.2) \\ \hline \end{array}$ | $\begin{gathered} 78349 \\ (67121,90505) \end{gathered}$ | $\begin{gathered} \hline 1,279.2 \\ (1,108.2, \\ 1,477.1) \\ \hline \end{gathered}$ | $\begin{gathered} 7.9 \\ (2.2,13.1) \end{gathered}$ |
| Western SubSaharan Africa | $\begin{gathered} 678517 \\ (583780,781794) \end{gathered}$ | $\begin{gathered} 865.5 \\ (750.4,995.6) \end{gathered}$ | $\begin{gathered} 1516753 \\ (1304684,1737206) \end{gathered}$ | $\begin{gathered} 902.7 \\ (783.4, \\ 1,036.4) \\ \hline \end{gathered}$ | $\begin{gathered} 4.3 \\ (3.5,5.1) \end{gathered}$ |
| Benin | $\begin{gathered} 17343 \\ (14861,19889) \end{gathered}$ | $\begin{gathered} \hline 941.1 \\ (810.4, \\ 1,073.1) \end{gathered}$ | $\begin{gathered} 42077 \\ (36280,48496) \end{gathered}$ | $\begin{gathered} 963.4 \\ (839.0, \\ 1,108.9) \end{gathered}$ | $\begin{gathered} 2.4 \\ (-2.4,7.3) \end{gathered}$ |


| Burkina Faso | $\begin{gathered} 33300 \\ (28396,38586) \end{gathered}$ | $\begin{gathered} 851.4 \\ (736.9,977.6) \end{gathered}$ | $\begin{gathered} 71422 \\ (61561,82320) \end{gathered}$ | $\begin{gathered} 878.8 \\ (762.0, \\ 1,011.5) \end{gathered}$ | $\begin{gathered} 3.2 \\ (-1.1,8.0) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Cameroon | $\begin{gathered} 33772 \\ (28899,38787) \end{gathered}$ | $\begin{gathered} 859.0 \\ (738.7,989.1) \end{gathered}$ | $\begin{gathered} 95183 \\ (81652,109434) \end{gathered}$ | $\begin{gathered} \hline 908.4 \\ (784.1, \\ 1,043.2) \end{gathered}$ | $\begin{gathered} 5.8 \\ (0.9,10.6) \end{gathered}$ |
| Cabo Verde | $\begin{gathered} 2240 \\ (1917,2582) \end{gathered}$ | $\begin{gathered} 961.5 \\ (826.5, \\ 1,104.7) \\ \hline \end{gathered}$ | $\begin{gathered} 4119 \\ (3564,4683) \end{gathered}$ | $\begin{aligned} & 1,003.1 \\ & (864.9, \\ & 1,152.1) \end{aligned}$ | $\begin{gathered} 4.3 \\ (0.0,9.0) \end{gathered}$ |
| Chad | $\begin{gathered} 21530 \\ (18613,24862) \end{gathered}$ | $\begin{gathered} 825.3 \\ (718.1,945.5) \end{gathered}$ | $\begin{gathered} 42710 \\ (36883,49007) \end{gathered}$ | $\begin{gathered} 853.8 \\ (740.3,978.1) \end{gathered}$ | $\begin{gathered} 3.4 \\ (-0.8,7.7) \end{gathered}$ |
| Cote d'Ivoire | $\begin{gathered} 31819 \\ (27141,36675) \end{gathered}$ | $\begin{gathered} \hline 947.3 \\ (818.2, \\ 1,086.2) \\ \hline \end{gathered}$ | $\begin{gathered} 89451 \\ (76435,102918) \end{gathered}$ | $\begin{gathered} \hline 972.3 \\ (836.3, \\ 1,116.3) \end{gathered}$ | $\begin{gathered} 2.6 \\ (-1.5,7.4) \end{gathered}$ |
| Gambia | $\begin{gathered} 3046 \\ (2605,3525) \end{gathered}$ | $\begin{gathered} 986.0 \\ (849.0, \\ 1,136.1) \end{gathered}$ | $\begin{gathered} 8778 \\ (7576,10074) \end{gathered}$ | $\begin{aligned} & \hline 1,002.5 \\ & (867.2, \\ & 1,152.0) \end{aligned}$ | $\begin{gathered} 1.7 \\ (-2.8,6.7) \end{gathered}$ |
| Ghana | $\begin{gathered} 49921 \\ (42933,57720) \end{gathered}$ | $\begin{gathered} 914.3 \\ (791.3, \\ 1,050.8) \end{gathered}$ | $\begin{gathered} 136300 \\ (117486,156448) \end{gathered}$ | $\begin{gathered} 950.8 \\ (822.6, \\ 1,098.0) \end{gathered}$ | $\begin{gathered} 4.0 \\ (-0.6,8.6) \end{gathered}$ |
| Guinea | $\begin{gathered} 25028 \\ (21481,28766) \end{gathered}$ | $\begin{gathered} 818.0 \\ (705.2,940.5) \end{gathered}$ | $\begin{gathered} 42833 \\ (36863,49342) \end{gathered}$ | $\begin{gathered} 849.8 \\ (734.7,973.8) \end{gathered}$ | $\begin{gathered} 3.9 \\ (-0.6,8.5) \end{gathered}$ |
| Guinea-Bissau | $\begin{gathered} 3237 \\ (2770,3726) \end{gathered}$ | $\begin{gathered} 921.1 \\ (797.7, \\ 1,055.7) \\ \hline \end{gathered}$ | $\begin{gathered} 5743 \\ (4933,6600) \end{gathered}$ | $\begin{gathered} 931.4 \\ (804.6, \\ 1,067.6) \end{gathered}$ | $\begin{gathered} 1.1 \\ (-3.3,6.2) \end{gathered}$ |
| Liberia | $\begin{gathered} 9801 \\ (8418,11299) \end{gathered}$ | $\begin{gathered} 956.4 \\ (829.9, \\ 1,091.4) \\ \hline \end{gathered}$ | $\begin{gathered} 17819 \\ (15283,20412) \end{gathered}$ | $\begin{gathered} 972.9 \\ (839.0, \\ 1,115.6) \\ \hline \end{gathered}$ | $\begin{gathered} 1.7 \\ (-2.8,6.6) \end{gathered}$ |
| Mali | $\begin{gathered} 30769 \\ (26310,35366) \end{gathered}$ | $\begin{gathered} 840.6 \\ (724.7,963.1) \end{gathered}$ | $\begin{gathered} 67843 \\ (58647,77842) \end{gathered}$ | $\begin{gathered} 879.2 \\ (762.3, \\ 1,003.9) \\ \hline \end{gathered}$ | $\begin{gathered} 4.6 \\ (-0.1,9.4) \end{gathered}$ |
| Mauritania | $\begin{gathered} 8173 \\ (6989,9540) \end{gathered}$ | $\begin{gathered} 890.9 \\ (771.3, \\ 1,025.3) \\ \hline \end{gathered}$ | $\begin{gathered} 17811 \\ (15452,20532) \end{gathered}$ | $\begin{gathered} 920.1 \\ (796.3, \\ 1,051.7) \end{gathered}$ | $\begin{gathered} 3.3 \\ (-0.7,7.5) \end{gathered}$ |
| Niger | $\begin{gathered} 19640 \\ (16760,22727) \end{gathered}$ | $\begin{gathered} 823.2 \\ (711.0,948.7) \end{gathered}$ | $\begin{gathered} 58787 \\ (50305,67177) \end{gathered}$ | $\begin{gathered} 861.0 \\ (746.2,974.6) \end{gathered}$ | $\begin{gathered} 4.6 \\ (0.3,9.1) \end{gathered}$ |
| Nigeria | $\begin{gathered} 331670 \\ (285629,381235) \end{gathered}$ | $\begin{gathered} 840.0 \\ (726.2,964.5) \end{gathered}$ | $\begin{gathered} 686878 \\ (590520,786555) \end{gathered}$ | $\begin{gathered} 882.1 \\ (764.1, \\ 1,009.6) \\ \hline \end{gathered}$ | $\begin{gathered} 5.0 \\ (4.0,6.0) \end{gathered}$ |
| Sao Tome and Principe | $\begin{gathered} 558 \\ (474,649) \end{gathered}$ | $\begin{gathered} 930.4 \\ (799.6, \\ 1,068.9) \end{gathered}$ | $\begin{gathered} 915 \\ (787,1045) \end{gathered}$ | $\begin{gathered} 960.1 \\ (828.5, \\ 1,104.4) \end{gathered}$ | $\begin{gathered} 3.2 \\ (-0.9,7.7) \end{gathered}$ |
| Senegal | $\begin{gathered} 27965 \\ (24025,32201) \end{gathered}$ | $\begin{gathered} 958.9 \\ (828.7, \\ 1,100.6) \\ \hline \end{gathered}$ | $\begin{gathered} 65157 \\ (56177,74821) \end{gathered}$ | $\begin{gathered} 950.3 \\ (822.0, \\ 1,089.4) \\ \hline \end{gathered}$ | $\begin{gathered} -0.9 \\ (-4.9,3.6) \end{gathered}$ |
| Sierra Leone | $\begin{gathered} 18573 \\ (15875,21425) \end{gathered}$ | $\begin{gathered} \hline 1,042.1 \\ (895.1, \\ 1,196.9) \\ \hline \end{gathered}$ | $\begin{gathered} 32338 \\ (27923,37178) \end{gathered}$ | $\begin{gathered} 999.0 \\ (866.8, \\ 1,153.8) \end{gathered}$ | $\begin{gathered} -4.1 \\ (-8.3,0.4) \end{gathered}$ |
| Togo | $\begin{gathered} 10110 \\ (8661,11662) \end{gathered}$ | $\begin{gathered} 931.0 \\ (804.2, \\ 1,073.6) \end{gathered}$ | $\begin{gathered} 30567 \\ (26184,35256) \end{gathered}$ | $\begin{gathered} \hline 958.8 \\ (829.1, \\ 1,103.5) \\ \hline \end{gathered}$ | $\begin{gathered} 3.0 \\ (-1.7,7.6) \end{gathered}$ |
| High SDI | $\begin{gathered} 28471688 \\ (24732858, \\ 32414698) \\ \hline \end{gathered}$ | $\begin{aligned} & \hline 2,716.6 \\ & (2,375.4, \\ & 3,078.4) \\ & \hline \end{aligned}$ | $\begin{gathered} 34291798 \\ (30198669, \\ 38329603) \\ \hline \end{gathered}$ | $\begin{gathered} 1,794.0 \\ (1,585.1, \\ 2,006.1) \\ \hline \end{gathered}$ | $\begin{gathered} -34.0 \\ (-35.8,-32.0) \end{gathered}$ |
| High-middle SDI | $\begin{gathered} \hline 18005646 \\ (15658151, \\ 20458991) \end{gathered}$ | $\begin{aligned} & 1,779.5 \\ & (1,554.7, \\ & 2,019.7) \\ & \hline \end{aligned}$ | $\begin{gathered} \hline 30755470 \\ (26773011, \\ 34985543) \\ \hline \end{gathered}$ | $\begin{aligned} & 1,506.1 \\ & (1,314.6, \\ & 1,711.8) \\ & \hline \end{aligned}$ | $\begin{gathered} -15.4 \\ (-16.4,-14.2) \end{gathered}$ |
| Middle SDI | $\begin{aligned} & 11723338 \\ & (10082158, \\ & 13476984) \end{aligned}$ | $\begin{aligned} & 1,251.5 \\ & (1,088.6, \\ & 1,428.3) \end{aligned}$ | $\begin{gathered} 30576763 \\ (26400708, \\ 35052196) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 1,264.8 \\ (1,098.3, \\ 1,446.0) \end{gathered}$ | $\begin{gathered} 1.1 \\ (0.1,2.0) \end{gathered}$ |


| Low-middle SDI | 5608666 <br> $(4819057,6450687)$ | $1,053.9$ <br> $(915.0$, <br> $1,205.5)$ | 13410114 <br> $(11591984$, <br> $15328969)$ | $1,042.2$ <br> $(905.4$, <br> $1,190.1)$ | $(-2.2,-0.1)$ |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  | 1924035 | 933.9 <br> $(812.4$, | 4354605 | 938.6 | $(3744362,5006216)$ | | $(815.0$, |
| :---: |
| $1,0.073 .0)$ |

Table S2. DALYs due to PAD in 1990 and 2019 for both sexes and percentage change in agestandardised rates by location. $\mathrm{PAD}=$ Peripheral artery disease. DALYs=disability-adjusted life-years.

| DALYs of PAD | 1990 |  | 2019 |  | Percentage change in agestandardised rates between 1990 and 2019 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Counts (95\% UI) | Age- standardised rate (95\% UI) | Counts (95\% UI) | Age- standardised rate (95\% UI) |  |
| Global | $\begin{gathered} 775515 \\ (487987,1178138) \end{gathered}$ | $\begin{gathered} 22.4 \\ (14.1,34.1) \end{gathered}$ | $\begin{gathered} 1536381 \\ (1006770,2370813) \end{gathered}$ | $\begin{gathered} 19.6 \\ (12.9,30.2) \end{gathered}$ | $\begin{gathered} -12.8 \\ (-24.1,-4.6) \end{gathered}$ |
| East Asia | $\begin{gathered} 70055 \\ (39189,114310) \end{gathered}$ | $\begin{gathered} 9.6 \\ (5.4,16.0) \end{gathered}$ | $\begin{gathered} 172068 \\ (99343,284632) \end{gathered}$ | $\begin{gathered} 8.8 \\ (5.1,14.4) \end{gathered}$ | $\begin{gathered} -8.4 \\ (-15.4,-0.3) \end{gathered}$ |
| China | $\begin{gathered} 67569 \\ (37810,110283) \end{gathered}$ | $\begin{gathered} 9.6 \\ (5.4,16.0) \end{gathered}$ | $\begin{gathered} 165729 \\ (96082,274013) \end{gathered}$ | $\begin{gathered} 8.8 \\ (5.1,14.4) \end{gathered}$ | $\begin{gathered} -8.5 \\ (-15.8,-0.3) \end{gathered}$ |
| Democratic People's Republic of Korea | $\begin{gathered} 1203 \\ (671,2016) \end{gathered}$ | $\begin{gathered} 9.4 \\ (5.2,15.7) \end{gathered}$ | $\begin{gathered} 2893 \\ (1610,4872) \end{gathered}$ | $\begin{gathered} 9.6 \\ (5.3,16.1) \end{gathered}$ | $\begin{gathered} 2.2 \\ (-7.2,12.4) \end{gathered}$ |
| Taiwan | $\begin{gathered} 1284 \\ (664,2249) \end{gathered}$ | $\begin{gathered} 9.3 \\ (4.8,15.8) \end{gathered}$ | $\begin{gathered} 3447 \\ (1865,5814) \end{gathered}$ | $\begin{gathered} 8.5 \\ (4.6,14.2) \end{gathered}$ | $\begin{gathered} -8.3 \\ (-18.0,4.3) \end{gathered}$ |
| Southeast Asia | $\begin{gathered} 22595 \\ (12667,36780) \end{gathered}$ | $\begin{gathered} 10.7 \\ (6.0,17.6) \end{gathered}$ | $\begin{gathered} 59449 \\ (36655,92907) \end{gathered}$ | $\begin{gathered} 11.1 \\ (6.8,17.7) \end{gathered}$ | $\begin{gathered} 4.5 \\ (-2.0,14.6) \end{gathered}$ |
| Cambodia | $\begin{gathered} 398 \\ (215,677) \end{gathered}$ | $\begin{gathered} 10.9 \\ (5.9,18.6) \end{gathered}$ | $\begin{gathered} 1073 \\ (611,1729) \end{gathered}$ | $\begin{gathered} 10.5 \\ (6.1,16.8) \end{gathered}$ | $\begin{gathered} -3.8 \\ (-14.3,11.0) \end{gathered}$ |
| Indonesia | $\begin{gathered} 8534 \\ (4855,13807) \end{gathered}$ | $\begin{gathered} 11.0 \\ (6.2,18.1) \end{gathered}$ | $\begin{gathered} 23087 \\ (13699,36346) \end{gathered}$ | $\begin{gathered} 13.0 \\ (7.8,20.5) \end{gathered}$ | $\begin{gathered} 18.7 \\ (9.3,34.7) \end{gathered}$ |
| Lao People's Democratic Republic | $\begin{gathered} 205 \\ (112,341) \end{gathered}$ | $\begin{gathered} 12.0 \\ (6.7,20.1) \end{gathered}$ | $\begin{gathered} 425 \\ (253,671) \end{gathered}$ | $\begin{gathered} 11.8 \\ (7.0,18.7) \end{gathered}$ | $\begin{gathered} -1.7 \\ (-11.6,14.2) \end{gathered}$ |
| Malaysia | $\begin{gathered} 764 \\ (421,1260) \end{gathered}$ | $\begin{gathered} 9.8 \\ (5.4,16.5) \end{gathered}$ | $\begin{gathered} 2303 \\ (1386,3686) \end{gathered}$ | $\begin{gathered} 9.7 \\ (5.9,15.3) \end{gathered}$ | $\begin{gathered} -1.2 \\ (-10.9,14.7) \end{gathered}$ |
| Maldives | $\begin{gathered} 8 \\ (5,14) \end{gathered}$ | $\begin{gathered} 11.8 \\ (7.1,19.5) \end{gathered}$ | $\begin{gathered} 30 \\ (20,45) \end{gathered}$ | $\begin{gathered} 12.3 \\ (8.3,18.7) \end{gathered}$ | $\begin{gathered} 4.6 \\ (-26.2,36.1) \end{gathered}$ |
| Mauritius | $\begin{gathered} 71 \\ (39,116) \end{gathered}$ | $\begin{gathered} 11.1 \\ (6.3,18.5) \end{gathered}$ | $\begin{gathered} 213 \\ (124,355) \end{gathered}$ | $\begin{gathered} 12.7 \\ (7.5,21.4) \end{gathered}$ | $\begin{gathered} 14.3 \\ (-2.2,39.1) \end{gathered}$ |
| Myanmar | $\begin{gathered} 2730 \\ (1539,4460) \end{gathered}$ | $\begin{gathered} 13.9 \\ (7.8,23.2) \end{gathered}$ | $\begin{gathered} 5252 \\ (3140,8424) \end{gathered}$ | $\begin{gathered} 12.9 \\ (7.7,20.8) \end{gathered}$ | $\begin{gathered} -7.3 \\ (-17.1,5.7) \end{gathered}$ |
| Philippines | $\begin{gathered} 2451 \\ (1396,4035) \end{gathered}$ | $\begin{gathered} 10.1 \\ (5.7,16.8) \end{gathered}$ | $\begin{gathered} 7732 \\ (4772,12090) \end{gathered}$ | $\begin{gathered} 11.6 \\ (7.1,18.5) \end{gathered}$ | $\begin{gathered} 15.0 \\ (7.7,26.8) \end{gathered}$ |
| Seychelles | $\begin{gathered} 7 \\ (4,11) \end{gathered}$ | $\begin{gathered} 12.3 \\ (7.8,19.2) \end{gathered}$ | $\begin{gathered} 13 \\ (9,20) \end{gathered}$ | $\begin{gathered} 13.0 \\ (8.5,20.0) \end{gathered}$ | $\begin{gathered} 6.0 \\ (-5.6,24.7) \end{gathered}$ |
| Sri Lanka | $\begin{gathered} 837 \\ (464,1379) \end{gathered}$ | $\begin{gathered} 9.0 \\ (5.0,14.8) \end{gathered}$ | $\begin{gathered} 2301 \\ (1373,3787) \end{gathered}$ | $\begin{gathered} 9.4 \\ (5.6,15.3) \end{gathered}$ | $\begin{gathered} 4.3 \\ (-8.7,21.5) \end{gathered}$ |
| Thailand | $\begin{gathered} 2610 \\ (1356,4545) \end{gathered}$ | $\begin{gathered} 8.9 \\ (4.7,15.6) \end{gathered}$ | $\begin{gathered} 7354 \\ (4069,12530) \end{gathered}$ | $\begin{gathered} 7.4 \\ (4.1,12.4) \end{gathered}$ | $\begin{gathered} -17.7 \\ (-24.8,-8.8) \end{gathered}$ |
| Timor-Leste | $\begin{gathered} 20 \\ (11,34) \end{gathered}$ | $\begin{gathered} 10.2 \\ (5.5,17.0) \end{gathered}$ | $\begin{gathered} 80 \\ (45,132) \end{gathered}$ | $\begin{gathered} 10.9 \\ (6.3,17.7) \end{gathered}$ | $\begin{gathered} 7.1 \\ (-4.4,26.0) \end{gathered}$ |


| Viet Nam | $\begin{gathered} 3930 \\ (2272,6278) \end{gathered}$ | $\begin{gathered} 10.6 \\ (6.2,16.9) \end{gathered}$ | $\begin{gathered} 9509 \\ (5910,14585) \end{gathered}$ | $\begin{gathered} 11.6 \\ (7.2,17.9) \end{gathered}$ | $\begin{gathered} 9.2 \\ (-5.0,28.0) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Oceania | $\begin{gathered} 236 \\ (134,375) \end{gathered}$ | $\begin{gathered} 10.3 \\ (5.8,16.6) \end{gathered}$ | $\begin{gathered} 639 \\ (388,994) \end{gathered}$ | $\begin{gathered} 11.7 \\ (7.0,18.5) \end{gathered}$ | $\begin{gathered} 13.8 \\ (5.9,26.1) \end{gathered}$ |
| American Samoa | $\begin{gathered} 2 \\ (1,3) \end{gathered}$ | $\begin{gathered} 12.3 \\ (7.6,19.2) \end{gathered}$ | $\begin{gathered} 6 \\ (4,9) \end{gathered}$ | $\begin{gathered} 14.7 \\ (9.8,21.8) \end{gathered}$ | $\begin{gathered} 19.9 \\ (6.7,40.1) \end{gathered}$ |
| Cook Islands | $\begin{gathered} 1 \\ (1,2) \end{gathered}$ | $\begin{gathered} 11.8 \\ (7.5,17.9) \end{gathered}$ | $\begin{gathered} 4 \\ (2,5) \end{gathered}$ | $\begin{gathered} 14.5 \\ (9.7,21.3) \end{gathered}$ | $\begin{gathered} 22.8 \\ (1.7,52.4) \end{gathered}$ |
| Fiji | $\begin{gathered} 31 \\ (18,51) \end{gathered}$ | $\begin{gathered} 11.5 \\ (6.5,19.0) \end{gathered}$ | $\begin{gathered} 80 \\ (48,128) \end{gathered}$ | $\begin{gathered} 13.2 \\ (7.9,20.9) \end{gathered}$ | $\begin{gathered} 14.8 \\ (2.4,33.1) \end{gathered}$ |
| Guam | $\begin{gathered} 5 \\ (3,9) \end{gathered}$ | $\begin{gathered} 9.2 \\ (5.6,14.6) \end{gathered}$ | $\begin{gathered} 21 \\ (14,32) \end{gathered}$ | $\begin{gathered} 11.4 \\ (7.3,17.5) \end{gathered}$ | $\begin{gathered} 23.6 \\ (7.1,45.1) \end{gathered}$ |
| Kiribati | $\begin{gathered} 4 \\ (2,6) \end{gathered}$ | $\begin{gathered} 13.2 \\ (7.6,21.3) \end{gathered}$ | $\begin{gathered} 8 \\ (5,13) \end{gathered}$ | $\begin{gathered} 15.8 \\ (8.9,26.3) \end{gathered}$ | $\begin{gathered} 19.9 \\ (7.6,32.6) \end{gathered}$ |
| Marshall Islands | $\begin{gathered} 2 \\ (1,3) \end{gathered}$ | $\begin{gathered} 12.2 \\ (7.6,19.2) \end{gathered}$ | $\begin{gathered} 4 \\ (2,6) \end{gathered}$ | $\begin{gathered} 14.1 \\ (9.0,21.0) \end{gathered}$ | $\begin{gathered} 15.7 \\ (0.9,36.5) \end{gathered}$ |
| Micronesia (Federated States of) | $\begin{gathered} 5 \\ (3,7) \end{gathered}$ | $\begin{gathered} 12.2 \\ (7.2,19.2) \end{gathered}$ | $\begin{gathered} 8 \\ (5,12) \end{gathered}$ | $\begin{gathered} 14.8 \\ (9.7,22.1) \end{gathered}$ | $\begin{gathered} 21.2 \\ (2.6,46.5) \end{gathered}$ |
| Nauru | $\begin{gathered} 0 \\ (0,1) \end{gathered}$ | $\begin{gathered} 13.2 \\ (8.5,19.6) \end{gathered}$ | $\begin{gathered} 0 \\ (0,1) \end{gathered}$ | $\begin{gathered} 14.6 \\ (9.6,22.0) \end{gathered}$ | $\begin{gathered} 10.5 \\ (-4.3,27.6) \end{gathered}$ |
| Niue | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 11.8 \\ (7.3,18.0) \end{gathered}$ | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 14.1 \\ (9.6,20.8) \end{gathered}$ | $\begin{gathered} 19.1 \\ (3.4,42.0) \end{gathered}$ |
| Northern Mariana Islands | $\begin{gathered} 1 \\ (1,2) \end{gathered}$ | $\begin{gathered} 11.5 \\ (7.6,17.5) \end{gathered}$ | $\begin{gathered} 6 \\ (4,9) \end{gathered}$ | $\begin{gathered} 14.6 \\ (10.2,20.8) \end{gathered}$ | $\begin{gathered} 27.1 \\ (6.9,53.7) \end{gathered}$ |
| Palau | $\begin{gathered} 1 \\ (0,1) \end{gathered}$ | $\begin{gathered} 8.7 \\ (4.6,14.4) \end{gathered}$ | $\begin{gathered} 2 \\ (1,3) \end{gathered}$ | $\begin{gathered} 9.2 \\ (5.0,15.7) \end{gathered}$ | $\begin{gathered} 6.4 \\ (-4.0,18.2) \end{gathered}$ |
| Papua New Guinea | $\begin{gathered} 136 \\ (76,219) \end{gathered}$ | $\begin{gathered} 9.6 \\ (5.2,15.9) \end{gathered}$ | $\begin{gathered} 390 \\ (230,612) \end{gathered}$ | $\begin{gathered} 10.9 \\ (6.4,17.5) \end{gathered}$ | $\begin{gathered} 14.0 \\ (3.7,29.0) \end{gathered}$ |
| Samoa | $\begin{gathered} 10 \\ (6,15) \end{gathered}$ | $\begin{gathered} 12.9 \\ (7.6,20.1) \end{gathered}$ | $\begin{gathered} 19 \\ (12,29) \end{gathered}$ | $\begin{gathered} 14.6 \\ (9.2,22.4) \end{gathered}$ | $\begin{gathered} 12.8 \\ (-0.1,30.2) \end{gathered}$ |
| Solomon Islands | $\begin{gathered} 11 \\ (6,18) \end{gathered}$ | $\begin{gathered} 10.6 \\ (6.1,17.0) \end{gathered}$ | $\begin{gathered} 29 \\ (17,44) \end{gathered}$ | $\begin{gathered} 12.2 \\ (7.2,19.0) \end{gathered}$ | $\begin{gathered} 15.5 \\ (2.6,31.9) \end{gathered}$ |
| Tokelau | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 11.0 \\ (6.2,17.4) \end{gathered}$ | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 12.7 \\ (8.1,19.4) \end{gathered}$ | $\begin{gathered} 16.1 \\ (2.7,37.0) \end{gathered}$ |
| Tonga | $\begin{gathered} 6 \\ (3,9) \end{gathered}$ | $\begin{gathered} 11.8 \\ (7.0,18.8) \end{gathered}$ | $\begin{gathered} 11 \\ (7,16) \end{gathered}$ | $\begin{gathered} 13.9 \\ (8.8,21.3) \end{gathered}$ | $\begin{gathered} 18.4 \\ (6.2,37.6) \end{gathered}$ |
| Tuvalu | $\begin{gathered} 1 \\ (0,1) \end{gathered}$ | $\begin{gathered} 11.7 \\ (6.8,18.8) \end{gathered}$ | $\begin{gathered} 1 \\ (1,2) \end{gathered}$ | $\begin{gathered} 13.2 \\ (8.2,20.2) \end{gathered}$ | $\begin{gathered} 12.6 \\ (-2.1,32.3) \end{gathered}$ |
| Vanuatu | $\begin{gathered} 6 \\ (3,9) \end{gathered}$ | $\begin{gathered} 10.5 \\ (5.8,17.5) \end{gathered}$ | $\begin{gathered} 19 \\ (12,31) \end{gathered}$ | $\begin{gathered} 13.1 \\ (8.0,20.7) \end{gathered}$ | $\begin{gathered} 25.0 \\ (11.3,46.9) \end{gathered}$ |
| Central Asia | $\begin{gathered} 3381 \\ (1885,5429) \end{gathered}$ | $\begin{gathered} 8.1 \\ (4.5,13.1) \end{gathered}$ | $\begin{gathered} 5318 \\ (3113,8612) \end{gathered}$ | $\begin{gathered} 8.8 \\ (5.2,14.4) \end{gathered}$ | $\begin{gathered} 8.7 \\ (-1.7,26.2) \end{gathered}$ |


| Armenia | $\begin{gathered} 260 \\ (131,476) \end{gathered}$ | $\begin{gathered} 11.2 \\ (5.6,20.5) \end{gathered}$ | $\begin{gathered} 445 \\ (268,723) \end{gathered}$ | $\begin{gathered} 10.8 \\ (6.5,17.5) \end{gathered}$ | $\begin{gathered} -3.8 \\ (-45.8,30.9) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Azerbaijan | $\begin{gathered} 329 \\ (169,559) \end{gathered}$ | $\begin{gathered} 7.6 \\ (4.0,13.1) \end{gathered}$ | $\begin{gathered} 521 \\ (284,885) \end{gathered}$ | $\begin{gathered} 7.3 \\ (4.1,12.2) \end{gathered}$ | $\begin{gathered} -4.2 \\ (-12.2,7.9) \end{gathered}$ |
| Georgia | $\begin{gathered} 454 \\ (253,747) \end{gathered}$ | $\begin{gathered} 7.9 \\ (4.4,13.0) \end{gathered}$ | $\begin{gathered} 597 \\ (339,1000) \end{gathered}$ | $\begin{gathered} 9.4 \\ (5.3,15.8) \end{gathered}$ | $\begin{gathered} 17.8 \\ (3.4,76.4) \end{gathered}$ |
| Kazakhstan | $\begin{gathered} 930 \\ (509,1546) \end{gathered}$ | $\begin{gathered} 8.3 \\ (4.6,13.8) \end{gathered}$ | $\begin{gathered} 1277 \\ (736,2117) \end{gathered}$ | $\begin{gathered} 8.4 \\ (4.8,14.0) \end{gathered}$ | $\begin{gathered} 0.7 \\ (-11.1,18.9) \end{gathered}$ |
| Kyrgyzstan | $\begin{gathered} 339 \\ (195,543) \end{gathered}$ | $\begin{gathered} 11.8 \\ (6.8,18.9) \end{gathered}$ | $\begin{gathered} 544 \\ (310,934) \end{gathered}$ | $\begin{gathered} 13.5 \\ (7.7,22.7) \end{gathered}$ | $\begin{gathered} 14.7 \\ (-12.2,40.3) \end{gathered}$ |
| Mongolia | $\begin{gathered} 70 \\ (37,120) \end{gathered}$ | $\begin{gathered} 7.9 \\ (4.2,13.4) \end{gathered}$ | $\begin{gathered} 121 \\ (66,206) \end{gathered}$ | $\begin{gathered} 7.3 \\ (4.1,12.2) \end{gathered}$ | $\begin{gathered} -7.6 \\ (-15.4,1.1) \end{gathered}$ |
| Tajikistan | $\begin{gathered} 205 \\ (106,348) \end{gathered}$ | $\begin{gathered} 7.9 \\ (4.1,13.4) \end{gathered}$ | $\begin{gathered} 247 \\ (136,411) \end{gathered}$ | $\begin{gathered} 7.2 \\ (4.0,11.8) \end{gathered}$ | $\begin{gathered} -9.1 \\ (-17.1,1.6) \end{gathered}$ |
| Turkmenistan | $\begin{gathered} 143 \\ (81,230) \end{gathered}$ | $\begin{gathered} 8.7 \\ (5.0,13.9) \end{gathered}$ | $\begin{gathered} 338 \\ (196,554) \end{gathered}$ | $\begin{gathered} 10.1 \\ (5.8,16.7) \end{gathered}$ | $\begin{gathered} 15.0 \\ (-4.0,46.0) \end{gathered}$ |
| Uzbekistan | $\begin{gathered} 653 \\ (354,1060) \end{gathered}$ | $\begin{gathered} 6.5 \\ (3.5,10.7) \end{gathered}$ | $\begin{gathered} 1227 \\ (699,2062) \end{gathered}$ | $\begin{gathered} 8.3 \\ (4.8,13.8) \end{gathered}$ | $\begin{gathered} 28.3 \\ (6.9,64.2) \end{gathered}$ |
| Central Europe | $\begin{gathered} 42359 \\ (23792,72069) \end{gathered}$ | $\begin{gathered} 29.7 \\ (16.9,50.3) \end{gathered}$ | $\begin{gathered} 73010 \\ (40613,127696) \end{gathered}$ | $\begin{gathered} 32.9 \\ (18.3,57.9) \end{gathered}$ | $\begin{gathered} 10.8 \\ (-17.2,40.4) \end{gathered}$ |
| Albania | $\begin{gathered} 145 \\ (84,238) \end{gathered}$ | $\begin{gathered} 8.0 \\ (4.7,13.1) \end{gathered}$ | $\begin{gathered} 364 \\ (237,561) \end{gathered}$ | $\begin{gathered} 8.3 \\ (5.4,12.7) \end{gathered}$ | $\begin{gathered} 3.0 \\ (-10.6,26.6) \end{gathered}$ |
| Bosnia and Herzegovina | $\begin{gathered} 366 \\ (235,544) \end{gathered}$ | $\begin{gathered} 10.5 \\ (6.8,15.8) \end{gathered}$ | $\begin{gathered} 792 \\ (554,1115) \end{gathered}$ | $\begin{gathered} 13.1 \\ (9.2,18.5) \end{gathered}$ | $\begin{gathered} 24.0 \\ (6.1,53.3) \end{gathered}$ |
| Bulgaria | $\begin{gathered} 1767 \\ (992,2977) \end{gathered}$ | $\begin{gathered} 14.8 \\ (8.3,24.7) \end{gathered}$ | $\begin{gathered} 2333 \\ (1407,3986) \end{gathered}$ | $\begin{gathered} 15.4 \\ (9.2,26.4) \end{gathered}$ | $\begin{gathered} 4.0 \\ (-14.2,31.9) \end{gathered}$ |
| Croatia | $\begin{gathered} 2411 \\ (1222,4161) \end{gathered}$ | $\begin{gathered} 39.5 \\ (19.9,67.8) \end{gathered}$ | $\begin{gathered} 3625 \\ (1815,6697) \end{gathered}$ | $\begin{gathered} 39.4 \\ (19.9,74.4) \end{gathered}$ | $\begin{gathered} -0.4 \\ (-27.4,31.5) \end{gathered}$ |
| Czechia | $\begin{gathered} 4920 \\ (2663,8942) \end{gathered}$ | $\begin{gathered} 36.0 \\ (19.4,65.1) \end{gathered}$ | $\begin{gathered} 8036 \\ (4319,15270) \end{gathered}$ | $\begin{gathered} 36.9 \\ (19.6,71.0) \end{gathered}$ | $\begin{gathered} 2.7 \\ (-30.4,41.0) \end{gathered}$ |
| Hungary | $\begin{gathered} 11989 \\ (5853,21370) \end{gathered}$ | $\begin{gathered} 82.3 \\ (40.0,146.7) \end{gathered}$ | $\begin{gathered} 16823 \\ (7619,34636) \end{gathered}$ | $\begin{gathered} 84.5 \\ (38.9,175.1) \end{gathered}$ | $\begin{gathered} 2.6 \\ (-56.8,41.0) \end{gathered}$ |
| North Macedonia | $\begin{gathered} 182 \\ (119,273) \end{gathered}$ | $\begin{gathered} 11.0 \\ (7.3,16.5) \end{gathered}$ | $\begin{gathered} 306 \\ (201,459) \end{gathered}$ | $\begin{gathered} 10.1 \\ (6.8,15.0) \end{gathered}$ | $\begin{gathered} -8.2 \\ (-19.7,8.5) \end{gathered}$ |
| Montenegro | $\begin{gathered} 64 \\ (41,99) \end{gathered}$ | $\begin{gathered} 10.9 \\ (7.0,16.9) \end{gathered}$ | $\begin{gathered} 109 \\ (75,164) \end{gathered}$ | $\begin{gathered} 11.0 \\ (7.6,16.5) \end{gathered}$ | $\begin{gathered} 1.1 \\ (-9.9,18.2) \end{gathered}$ |
| Poland | $\begin{gathered} 9588 \\ (4100,16942) \end{gathered}$ | $\begin{gathered} 22.5 \\ (9.7,39.4) \end{gathered}$ | $\begin{gathered} 20479 \\ (9832,41639) \end{gathered}$ | $\begin{gathered} 28.0 \\ (13.5,57.1) \end{gathered}$ | $\begin{gathered} 24.6 \\ (-25.5,458.3) \end{gathered}$ |
| Romania | $\begin{gathered} 8521 \\ (4392,15873) \end{gathered}$ | $\begin{gathered} 31.9 \\ (16.7,59.0) \end{gathered}$ | $\begin{gathered} 14302 \\ (7047,26634) \end{gathered}$ | $\begin{gathered} 37.2 \\ (18.2,69.6) \end{gathered}$ | $\begin{gathered} 16.6 \\ (-12.1,46.7) \end{gathered}$ |
| Serbia | $\begin{gathered} 1211 \\ (813,1798) \end{gathered}$ | $\begin{gathered} 11.5 \\ (7.7,17.3) \end{gathered}$ | $\begin{gathered} 3127 \\ (2259,4097) \end{gathered}$ | $\begin{gathered} 19.4 \\ (14.2,25.3) \end{gathered}$ | $\begin{gathered} 69.0 \\ (23.3,132.9) \end{gathered}$ |


| Slovakia | $\begin{gathered} 652 \\ (433,978) \end{gathered}$ | $\begin{gathered} 11.1 \\ (7.3,16.7) \end{gathered}$ | $\begin{gathered} 1978 \\ (1363,2628) \end{gathered}$ | $\begin{gathered} 21.2 \\ (14.6,28.1) \end{gathered}$ | $\begin{gathered} 91.4 \\ (22.3,182.8) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Slovenia | $\begin{gathered} 541 \\ (241,1337) \end{gathered}$ | $\begin{gathered} 22.3 \\ (9.9,54.5) \end{gathered}$ | $\begin{gathered} 737 \\ (249,1404) \end{gathered}$ | $\begin{gathered} 16.1 \\ (5.2,30.4) \end{gathered}$ | $\begin{gathered} -28.1 \\ (-90.1,34.7) \end{gathered}$ |
| Eastern Europe | $\begin{gathered} 135865 \\ (71020,234344) \end{gathered}$ | $\begin{gathered} 50.5 \\ (26.4,86.7) \end{gathered}$ | $\begin{gathered} 225458 \\ (118281,415622) \end{gathered}$ | $\begin{gathered} 63.6 \\ (33.5,117.8) \end{gathered}$ | $\begin{gathered} 25.9 \\ (-9.8,54.4) \end{gathered}$ |
| Belarus | $\begin{gathered} 2137 \\ (1170,3532) \end{gathered}$ | $\begin{gathered} 16.7 \\ (9.1,27.5) \end{gathered}$ | $\begin{gathered} 3706 \\ (1905,7160) \end{gathered}$ | $\begin{gathered} 22.6 \\ (11.7,43.8) \end{gathered}$ | $\begin{gathered} 35.0 \\ (-0.3,84.5) \end{gathered}$ |
| Estonia | $\begin{gathered} 186 \\ (99,311) \end{gathered}$ | $\begin{gathered} 9.1 \\ (4.9,15.2) \end{gathered}$ | $\begin{gathered} 275 \\ (159,457) \end{gathered}$ | $\begin{gathered} 9.4 \\ (5.4,15.7) \end{gathered}$ | $\begin{gathered} 3.2 \\ (-14.1,50.9) \end{gathered}$ |
| Latvia | $\begin{gathered} 365 \\ (202,587) \end{gathered}$ | $\begin{gathered} 10.2 \\ (5.7,16.3) \end{gathered}$ | $\begin{gathered} 679 \\ (327,1612) \end{gathered}$ | $\begin{gathered} 15.5 \\ (7.5,36.9) \end{gathered}$ | $\begin{gathered} 52.6 \\ (0.2,411.9) \end{gathered}$ |
| Lithuania | $\begin{gathered} 885 \\ (480,1539) \end{gathered}$ | $\begin{gathered} 19.5 \\ (10.6,33.9) \end{gathered}$ | $\begin{gathered} 1655 \\ (860,2865) \end{gathered}$ | $\begin{gathered} 26.8 \\ (13.7,46.7) \end{gathered}$ | $\begin{gathered} 37.2 \\ (0.8,207.1) \end{gathered}$ |
| Republic of Moldova | $\begin{gathered} 462 \\ (240,763) \end{gathered}$ | $\begin{gathered} 11.5 \\ (6.1,18.7) \end{gathered}$ | $\begin{gathered} 916 \\ (481,1789) \end{gathered}$ | $\begin{gathered} 15.6 \\ (8.2,30.5) \end{gathered}$ | $\begin{gathered} 35.1 \\ (-3.6,310.7) \end{gathered}$ |
| Russian Federation | $\begin{gathered} 94119 \\ (48349,159960) \end{gathered}$ | $\begin{gathered} 54.8 \\ (28.1,92.9) \end{gathered}$ | $\begin{gathered} 165615 \\ (85433,313908) \end{gathered}$ | $\begin{gathered} 68.8 \\ (35.5,130.0) \end{gathered}$ | $\begin{gathered} 25.6 \\ (-23.9,64.2) \end{gathered}$ |
| Ukraine | $\begin{gathered} 37711 \\ (19957,68534) \end{gathered}$ | $\begin{gathered} 54.1 \\ (28.6,97.3) \end{gathered}$ | $\begin{gathered} 52612 \\ (26807,95005) \end{gathered}$ | $\begin{gathered} 67.0 \\ (34.3,121.5) \end{gathered}$ | $\begin{gathered} 23.9 \\ (0.3,52.0) \end{gathered}$ |
| High-income Asia Pacific | $\begin{gathered} 23176 \\ (13326,37871) \end{gathered}$ | $\begin{gathered} 12.2 \\ (7.0,19.7) \end{gathered}$ | $\begin{gathered} 38819 \\ (23441,63182) \end{gathered}$ | $\begin{gathered} 7.5 \\ (4.5,12.0) \end{gathered}$ | $\begin{gathered} -38.4 \\ (-45.3,-27.7) \end{gathered}$ |
| Brunei Darussalam | $\begin{gathered} 16 \\ (11,22) \end{gathered}$ | $\begin{gathered} 23.1 \\ (16.4,32.4) \end{gathered}$ | $\begin{gathered} 41 \\ (31,55) \end{gathered}$ | $\begin{gathered} 21.1 \\ (16.5,27.6) \end{gathered}$ | $\begin{gathered} -8.8 \\ (-27.5,14.0) \end{gathered}$ |
| Japan | $\begin{gathered} 19502 \\ (10787,32447) \end{gathered}$ | $\begin{gathered} 11.8 \\ (6.6,19.4) \end{gathered}$ | $\begin{gathered} 31458 \\ (18262,51617) \end{gathered}$ | $\begin{gathered} 7.5 \\ (4.4,12.1) \end{gathered}$ | $\begin{gathered} -36.8 \\ (-44.5,-25.3) \end{gathered}$ |
| Republic of Korea | $\begin{gathered} 3440 \\ (2324,5168) \end{gathered}$ | $\begin{gathered} 14.3 \\ (9.8,21.3) \end{gathered}$ | $\begin{gathered} 6610 \\ (4469,10077) \end{gathered}$ | $\begin{gathered} 7.5 \\ (5.1,11.4) \end{gathered}$ | $\begin{gathered} -47.4 \\ (-54.7,-40.1) \end{gathered}$ |
| Singapore | $\begin{gathered} 218 \\ (124,354) \end{gathered}$ | $\begin{gathered} 11.8 \\ (6.9,19.4) \end{gathered}$ | $\begin{gathered} 710 \\ (382,1271) \end{gathered}$ | $\begin{gathered} 9.6 \\ (5.1,17.1) \end{gathered}$ | $\begin{gathered} -19.1 \\ (-45.6,70.6) \end{gathered}$ |
| Australasia | $\begin{gathered} 7686 \\ (4185,12366) \end{gathered}$ | $\begin{gathered} 33.6 \\ (18.2,54.3) \end{gathered}$ | $\begin{gathered} 18175 \\ (9921,32779) \end{gathered}$ | $\begin{gathered} 32.9 \\ (17.9,59.7) \end{gathered}$ | $\begin{gathered} -2.1 \\ (-44.8,24.4) \end{gathered}$ |
| Australia | $\begin{gathered} 6499 \\ (3516,10423) \end{gathered}$ | $\begin{gathered} 34.3 \\ (18.5,55.4) \end{gathered}$ | $\begin{gathered} 15659 \\ (8479,28277) \end{gathered}$ | $\begin{gathered} 33.6 \\ (18.3,60.9) \end{gathered}$ | $\begin{gathered} -2.0 \\ (-45.6,25.1) \end{gathered}$ |
| New Zealand | $\begin{gathered} 1187 \\ (660,1883) \end{gathered}$ | $\begin{gathered} 30.6 \\ (17.0,48.8) \end{gathered}$ | $\begin{gathered} 2515 \\ (1380,4538) \end{gathered}$ | $\begin{gathered} 29.2 \\ (15.9,52.6) \end{gathered}$ | $\begin{gathered} -4.4 \\ (-41.6,21.2) \end{gathered}$ |
| Western Europe | $\begin{gathered} 208197 \\ (124357,331165) \end{gathered}$ | $\begin{gathered} 34.6 \\ (20.6,55.2) \end{gathered}$ | $\begin{gathered} 323162 \\ (181925,546615) \end{gathered}$ | $\begin{gathered} 31.2 \\ (17.7,53.8) \end{gathered}$ | $\begin{gathered} -9.7 \\ (-29.6,6.2) \end{gathered}$ |
| Andorra | $\begin{gathered} 11 \\ (7,17) \end{gathered}$ | $\begin{gathered} 22.2 \\ (15.1,33.6) \end{gathered}$ | $\begin{gathered} 43 \\ (28,60) \end{gathered}$ | $\begin{gathered} 29.1 \\ (19.0,40.6) \end{gathered}$ | $\begin{gathered} 31.4 \\ (-7.9,89.3) \end{gathered}$ |
| Austria | $\begin{gathered} 5740 \\ (3239,9389) \end{gathered}$ | $\begin{gathered} 46.3 \\ (26.1,76.1) \end{gathered}$ | $\begin{gathered} 9902 \\ (5299,17974) \end{gathered}$ | $\begin{gathered} 49.5 \\ (26.5,90.9) \end{gathered}$ | $\begin{gathered} 6.8 \\ (-24.1,36.1) \end{gathered}$ |


| Belgium | $\begin{gathered} 3932 \\ (2345,6235) \end{gathered}$ | $\begin{gathered} 24.6 \\ (14.7,38.6) \end{gathered}$ | $\begin{gathered} 5741 \\ (3444,9379) \end{gathered}$ | $\begin{gathered} 22.4 \\ (13.5,37.0) \end{gathered}$ | $\begin{gathered} -9.1 \\ (-25.9,9.8) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Cyprus | $\begin{gathered} 175 \\ (114,264) \end{gathered}$ | $\begin{gathered} 24.1 \\ (15.5,34.9) \end{gathered}$ | $\begin{gathered} 408 \\ (290,558) \end{gathered}$ | $\begin{gathered} 22.3 \\ (15.3,30.3) \end{gathered}$ | $\begin{gathered} -7.5 \\ (-25.8,17.9) \end{gathered}$ |
| Denmark | $\begin{gathered} 4215 \\ (2447,6603) \end{gathered}$ | $\begin{gathered} 48.7 \\ (28.1,76.3) \end{gathered}$ | $\begin{gathered} 5308 \\ (3098,9056) \end{gathered}$ | $\begin{gathered} 42.1 \\ (24.6,71.9) \end{gathered}$ | $\begin{gathered} -13.6 \\ (-40.3,8.7) \end{gathered}$ |
| Finland | $\begin{gathered} 1863 \\ (1032,2915) \end{gathered}$ | $\begin{gathered} 25.7 \\ (14.3,40.2) \end{gathered}$ | $\begin{gathered} 3219 \\ (1755,5390) \end{gathered}$ | $\begin{gathered} 23.1 \\ (12.7,38.2) \end{gathered}$ | $\begin{gathered} -10.4 \\ (-30.1,11.3) \end{gathered}$ |
| France | $\begin{gathered} 17621 \\ (10435,28469) \end{gathered}$ | $\begin{gathered} 20.1 \\ (11.9,32.6) \end{gathered}$ | $\begin{gathered} 24062 \\ (14640,38960) \end{gathered}$ | $\begin{gathered} 15.4 \\ (9.4,25.1) \end{gathered}$ | $\begin{gathered} -23.2 \\ (-35.8,-5.2) \end{gathered}$ |
| Germany | $\begin{gathered} 65500 \\ (35046,113289) \end{gathered}$ | $\begin{gathered} 49.6 \\ (26.7,85.9) \end{gathered}$ | $\begin{gathered} 106426 \\ (57327,187259) \end{gathered}$ | $\begin{gathered} 49.3 \\ (26.7,86.9) \end{gathered}$ | $\begin{gathered} -0.7 \\ (-28.3,62.2) \end{gathered}$ |
| Greece | $\begin{gathered} 2531 \\ (1420,4158) \end{gathered}$ | $\begin{gathered} 16.4 \\ (9.3,26.9) \end{gathered}$ | $\begin{gathered} 3406 \\ (2034,5493) \end{gathered}$ | $\begin{gathered} 12.6 \\ (7.5,20.6) \end{gathered}$ | $\begin{gathered} -23.2 \\ (-31.1,-11.4) \end{gathered}$ |
| Iceland | $\begin{gathered} 56 \\ (33,92) \end{gathered}$ | $\begin{gathered} 18.6 \\ (11.1,30.8) \end{gathered}$ | $\begin{gathered} 85 \\ (52,134) \end{gathered}$ | $\begin{gathered} 13.9 \\ (8.4,22.1) \end{gathered}$ | $\begin{gathered} -25.3 \\ (-37.2,-8.5) \end{gathered}$ |
| Ireland | $\begin{gathered} 2115 \\ (1183,3377) \end{gathered}$ | $\begin{gathered} 52.0 \\ (29.4,83.0) \end{gathered}$ | $\begin{gathered} 3613 \\ (1944,6658) \end{gathered}$ | $\begin{gathered} 46.4 \\ (25.0,85.7) \end{gathered}$ | $\begin{gathered} -10.8 \\ (-53.3,17.9) \end{gathered}$ |
| Israel | $\begin{gathered} 1889 \\ (1076,3128) \end{gathered}$ | $\begin{gathered} 39.8 \\ (22.8,66.0) \end{gathered}$ | $\begin{gathered} 4936 \\ (2783,8468) \end{gathered}$ | $\begin{gathered} 40.1 \\ (22.5,68.1) \end{gathered}$ | $\begin{gathered} 0.6 \\ (-22.6,25.8) \end{gathered}$ |
| Italy | $\begin{gathered} 36171 \\ (21003,58266) \end{gathered}$ | $\begin{gathered} 39.9 \\ (23.1,63.9) \end{gathered}$ | $\begin{gathered} 52219 \\ (29401,92033) \end{gathered}$ | $\begin{gathered} 31.3 \\ (17.5,55.9) \end{gathered}$ | $\begin{gathered} -21.6 \\ (-49.4,-2.4) \end{gathered}$ |
| Luxembourg | $\begin{gathered} 142 \\ (86,225) \end{gathered}$ | $\begin{gathered} 25.7 \\ (15.5,40.4) \end{gathered}$ | $\begin{gathered} 234 \\ (135,406) \end{gathered}$ | $\begin{gathered} 21.9 \\ (12.6,37.5) \end{gathered}$ | $\begin{gathered} -14.8 \\ (-36.8,8.3) \end{gathered}$ |
| Malta | $\begin{gathered} 157 \\ (90,249) \end{gathered}$ | $\begin{gathered} 38.3 \\ (22.3,61.7) \end{gathered}$ | $\begin{gathered} 359 \\ (204,619) \end{gathered}$ | $\begin{gathered} 35.9 \\ (20.4,62.8) \end{gathered}$ | $\begin{gathered} -6.1 \\ (-28.7,16.3) \end{gathered}$ |
| Monaco | $\begin{gathered} 16 \\ (11,24) \end{gathered}$ | $\begin{gathered} 20.4 \\ (13.4,30.4) \end{gathered}$ | $\begin{gathered} 18 \\ (13,26) \end{gathered}$ | $\begin{gathered} 17.1 \\ (12.3,24.1) \end{gathered}$ | $\begin{gathered} -16.4 \\ (-28.5,1.6) \end{gathered}$ |
| Netherlands | $\begin{gathered} 9895 \\ (5699,16363) \end{gathered}$ | $\begin{gathered} 48.3 \\ (27.7,79.7) \end{gathered}$ | $\begin{gathered} 17008 \\ (9449,29803) \end{gathered}$ | $\begin{gathered} 46.1 \\ (25.7,81.0) \end{gathered}$ | $\begin{gathered} -4.4 \\ (-21.3,10.2) \end{gathered}$ |
| Norway | $\begin{gathered} 2195 \\ (1240,3478) \end{gathered}$ | $\begin{gathered} 29.5 \\ (16.7,47.0) \end{gathered}$ | $\begin{gathered} 2633 \\ (1504,4420) \end{gathered}$ | $\begin{gathered} 25.1 \\ (14.4,42.5) \end{gathered}$ | $\begin{gathered} -15.2 \\ (-47.8,6.4) \end{gathered}$ |
| Portugal | $\begin{gathered} 5668 \\ (3160,8981) \end{gathered}$ | $\begin{gathered} 42.1 \\ (23.3,67.1) \end{gathered}$ | $\begin{gathered} 10791 \\ (5860,19150) \end{gathered}$ | $\begin{gathered} 39.2 \\ (21.4,69.9) \end{gathered}$ | $\begin{gathered} -6.9 \\ (-32.3,20.3) \end{gathered}$ |
| Spain | $\begin{gathered} 16164 \\ (9516,25912) \end{gathered}$ | $\begin{gathered} 29.2 \\ (17.2,46.9) \end{gathered}$ | $\begin{gathered} 28049 \\ (16056,47328) \end{gathered}$ | $\begin{gathered} 25.5 \\ (14.5,43.5) \end{gathered}$ | $\begin{gathered} -12.8 \\ (-28.9,8.6) \end{gathered}$ |
| Sweden | $\begin{gathered} 4024 \\ (2253,6690) \end{gathered}$ | $\begin{gathered} 24.2 \\ (13.7,39.4) \end{gathered}$ | $\begin{gathered} 4994 \\ (2970,8062) \end{gathered}$ | $\begin{gathered} 20.7 \\ (12.4,33.2) \end{gathered}$ | $\begin{gathered} -14.5 \\ (-43.5,8.4) \end{gathered}$ |
| Switzerland | $\begin{gathered} 3165 \\ (1792,5054) \end{gathered}$ | $\begin{gathered} 28.6 \\ (16.3,45.2) \end{gathered}$ | $\begin{gathered} 4793 \\ (2803,7990) \end{gathered}$ | $\begin{gathered} 24.4 \\ (14.4,41.1) \end{gathered}$ | $\begin{gathered} -14.6 \\ (-37.9,4.7) \end{gathered}$ |
| United Kingdom | $\begin{gathered} 24772 \\ (13782,39778) \end{gathered}$ | $\begin{gathered} 25.9 \\ (14.4,41.7) \end{gathered}$ | $\begin{gathered} 34619 \\ (18542,57201) \end{gathered}$ | $\begin{gathered} 24.8 \\ (13.3,40.7) \end{gathered}$ | $\begin{gathered} -4.5 \\ (-31.8,103.7) \end{gathered}$ |


| Southern Latin America | $\begin{gathered} 6923 \\ (3998,11227) \end{gathered}$ | $\begin{gathered} 15.7 \\ (9.1,25.3) \end{gathered}$ | $\begin{gathered} 13172 \\ (7928,21541) \end{gathered}$ | $\begin{gathered} 15.4 \\ (9.3,25.2) \end{gathered}$ | $\begin{gathered} -1.8 \\ (-20.4,24.5) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Argentina | $\begin{gathered} 4632 \\ (2663,7536) \end{gathered}$ | $\begin{gathered} 14.9 \\ (8.6,24.3) \end{gathered}$ | $\begin{gathered} 7247 \\ (4386,11803) \end{gathered}$ | $\begin{gathered} 13.0 \\ (7.9,21.1) \end{gathered}$ | $\begin{gathered} -12.3 \\ (-25.0,5.4) \end{gathered}$ |
| Chile | $\begin{gathered} 1807 \\ (1083,2902) \end{gathered}$ | $\begin{gathered} 20.0 \\ (12.0,32.1) \end{gathered}$ | $\begin{gathered} 5412 \\ (3073,9147) \end{gathered}$ | $\begin{gathered} 22.4 \\ (12.7,37.9) \end{gathered}$ | $\begin{gathered} 11.8 \\ (-16.3,51.2) \end{gathered}$ |
| Uruguay | $\begin{gathered} 483 \\ (246,840) \end{gathered}$ | $\begin{gathered} 12.1 \\ (6.2,20.9) \end{gathered}$ | $\begin{gathered} 512 \\ (277,879) \end{gathered}$ | $\begin{gathered} 8.7 \\ (4.7,14.8) \end{gathered}$ | $\begin{gathered} -27.5 \\ (-36.1,-17.7) \end{gathered}$ |
| High-income North America | $\begin{gathered} 131239 \\ (77560,208887) \end{gathered}$ | $\begin{gathered} 36.2 \\ (21.4,58.3) \end{gathered}$ | $\begin{gathered} 260131 \\ (146497,452563) \end{gathered}$ | $\begin{gathered} 39.2 \\ (22.0,68.2) \end{gathered}$ | $\begin{gathered} 8.4 \\ (-9.0,24.6) \end{gathered}$ |
| Canada | $\begin{gathered} 11966 \\ (7021,18840) \end{gathered}$ | $\begin{gathered} 37.0 \\ (21.6,58.2) \end{gathered}$ | $\begin{gathered} 24069 \\ (13970,41481) \end{gathered}$ | $\begin{gathered} 33.1 \\ (19.3,56.7) \end{gathered}$ | $\begin{gathered} -10.4 \\ (-36.1,11.1) \end{gathered}$ |
| United States of America | $\begin{gathered} 119254 \\ (70689,191107) \end{gathered}$ | $\begin{gathered} 36.1 \\ (21.4,58.8) \end{gathered}$ | $\begin{gathered} 236031 \\ (132468,410580) \end{gathered}$ | $\begin{gathered} 40.0 \\ (22.3,69.5) \end{gathered}$ | $\begin{gathered} 10.7 \\ (-7.3,27.1) \end{gathered}$ |
| Greenland | $\begin{gathered} 16 \\ (13,21) \end{gathered}$ | $\begin{gathered} 61.7 \\ (48.6,79.6) \end{gathered}$ | $\begin{gathered} 27 \\ (21,36) \end{gathered}$ | $\begin{gathered} 44.3 \\ (35.4,58.5) \end{gathered}$ | $\begin{gathered} -28.3 \\ (-42.5,-10.1) \end{gathered}$ |
| Caribbean | $\begin{gathered} 7120 \\ (4175,12068) \end{gathered}$ | $\begin{gathered} 29.0 \\ (17.0,49.2) \end{gathered}$ | $\begin{gathered} 17034 \\ (9848,28092) \end{gathered}$ | $\begin{gathered} 32.8 \\ (19.0,54.1) \end{gathered}$ | $\begin{gathered} 13.0 \\ (-17.3,34.8) \end{gathered}$ |
| Antigua and Barbuda | $\begin{gathered} 16 \\ (9,29) \end{gathered}$ | $\begin{gathered} 29.5 \\ (16.0,51.7) \end{gathered}$ | $\begin{gathered} 35 \\ (19,64) \end{gathered}$ | $\begin{gathered} 37.8 \\ (19.9,67.6) \end{gathered}$ | $\begin{gathered} 28.1 \\ (-2.5,69.4) \end{gathered}$ |
| Bahamas | $\begin{gathered} 53 \\ (28,93) \end{gathered}$ | $\begin{gathered} 38.9 \\ (21.3,67.3) \end{gathered}$ | $\begin{gathered} 158 \\ (83,282) \end{gathered}$ | $\begin{gathered} 44.5 \\ (23.8,79.1) \end{gathered}$ | $\begin{gathered} 14.4 \\ (-14.4,41.3) \end{gathered}$ |
| Barbados | $\begin{gathered} 257 \\ (134,465) \end{gathered}$ | $\begin{gathered} 85.1 \\ (44.2,153.9) \end{gathered}$ | $\begin{gathered} 507 \\ (256,904) \end{gathered}$ | $\begin{gathered} 102.1 \\ (51.7,182.2) \end{gathered}$ | $\begin{gathered} 19.9 \\ (-13.1,50.9) \end{gathered}$ |
| Belize | $\begin{gathered} 10 \\ (6,16) \end{gathered}$ | $\begin{gathered} 11.2 \\ (6.4,18.1) \end{gathered}$ | $\begin{gathered} 33 \\ (20,55) \end{gathered}$ | $\begin{gathered} 13.5 \\ (8.1,22.3) \end{gathered}$ | $\begin{gathered} 20.7 \\ (-7.2,55.3) \end{gathered}$ |
| Bermuda | $\begin{gathered} 32 \\ (16,57) \end{gathered}$ | $\begin{gathered} 55.0 \\ (27.8,99.9) \end{gathered}$ | $\begin{gathered} 71 \\ (38,128) \end{gathered}$ | $\begin{gathered} 51.7 \\ (27.2,93.4) \end{gathered}$ | $\begin{gathered} -5.9 \\ (-39.4,35.7) \end{gathered}$ |
| Cuba | $\begin{gathered} 3852 \\ (2039,7165) \end{gathered}$ | $\begin{gathered} 38.2 \\ (20.2,70.8) \end{gathered}$ | $\begin{gathered} 9100 \\ (4606,16502) \end{gathered}$ | $\begin{gathered} 46.2 \\ (23.2,83.3) \end{gathered}$ | $\begin{gathered} 21.1 \\ (-18.4,61.4) \end{gathered}$ |
| Dominica | $\begin{gathered} 18 \\ (14,23) \end{gathered}$ | $\begin{gathered} 24.3 \\ (19.0,30.9) \end{gathered}$ | $\begin{gathered} 28 \\ (23,35) \end{gathered}$ | $\begin{gathered} 30.8 \\ (24.7,38.8) \end{gathered}$ | $\begin{gathered} 26.6 \\ (1.1,59.1) \end{gathered}$ |
| Dominican Republic | $\begin{gathered} 278 \\ (174,431) \end{gathered}$ | $\begin{gathered} 8.7 \\ (5.5,13.3) \end{gathered}$ | $\begin{gathered} 851 \\ (580,1219) \end{gathered}$ | $\begin{gathered} 9.9 \\ (6.7,14.1) \end{gathered}$ | $\begin{gathered} 13.8 \\ (-2.8,40.7) \end{gathered}$ |
| Grenada | $\begin{gathered} 27 \\ (15,49) \end{gathered}$ | $\begin{gathered} 34.9 \\ (18.7,63.3) \end{gathered}$ | $\begin{gathered} 49 \\ (26,87) \end{gathered}$ | $\begin{gathered} 48.4 \\ (26.2,85.2) \end{gathered}$ | $\begin{gathered} 38.6 \\ (-8.6,77.3) \end{gathered}$ |
| Guyana | $\begin{gathered} 54 \\ (29,91) \end{gathered}$ | $\begin{gathered} 16.6 \\ (9.2,27.6) \end{gathered}$ | $\begin{gathered} 116 \\ (65,205) \end{gathered}$ | $\begin{gathered} 21.3 \\ (12.0,37.9) \end{gathered}$ | $\begin{gathered} 28.3 \\ (-7.2,79.2) \end{gathered}$ |
| Haiti | $\begin{gathered} 636 \\ (438,958) \end{gathered}$ | $\begin{gathered} 24.0 \\ (16.4,35.5) \end{gathered}$ | $\begin{gathered} 1374 \\ (924,2137) \end{gathered}$ | $\begin{gathered} 23.7 \\ (16.2,36.2) \end{gathered}$ | $\begin{gathered} -1.5 \\ (-26.8,29.7) \end{gathered}$ |
| Jamaica | $\begin{gathered} 506 \\ (243,985) \end{gathered}$ | $\begin{gathered} 27.9 \\ (13.4,54.4) \end{gathered}$ | $\begin{gathered} 1178 \\ (594,2236) \end{gathered}$ | $\begin{gathered} 38.2 \\ (19.2,74.0) \end{gathered}$ | $\begin{gathered} 37.0 \\ (-17.3,94.5) \end{gathered}$ |


| Puerto Rico | $\begin{gathered} 899 \\ (487,1516) \end{gathered}$ | $\begin{gathered} 25.3 \\ (13.7,42.7) \end{gathered}$ | $\begin{gathered} 2324 \\ (1254,4378) \end{gathered}$ | $\begin{gathered} 29.7 \\ (15.9,56.3) \end{gathered}$ | $\begin{gathered} 17.2 \\ (-18.6,54.0) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Saint Kitts and Nevis | $\begin{gathered} 22 \\ (11,41) \end{gathered}$ | $\begin{gathered} 61.1 \\ (30.8,115.1) \end{gathered}$ | $\begin{gathered} 41 \\ (20,76) \end{gathered}$ | $\begin{gathered} 74.7 \\ (38.2,138.8) \end{gathered}$ | $\begin{gathered} 22.2 \\ (-26.0,62.9) \end{gathered}$ |
| Saint Lucia | $\begin{gathered} 41 \\ (22,73) \end{gathered}$ | $\begin{gathered} 50.4 \\ (27.2,91.2) \end{gathered}$ | $\begin{gathered} 119 \\ (63,217) \end{gathered}$ | $\begin{gathered} 57.9 \\ (30.6,104.8) \end{gathered}$ | $\begin{gathered} 14.8 \\ (-26.0,43.7) \end{gathered}$ |
| Saint Vincent and the Grenadines | $\begin{gathered} 16 \\ (9,27) \end{gathered}$ | $\begin{gathered} 23.6 \\ (12.6,39.2) \end{gathered}$ | $\begin{gathered} 39 \\ (21,68) \end{gathered}$ | $\begin{gathered} 30.1 \\ (16.8,52.5) \end{gathered}$ | $\begin{gathered} 27.5 \\ (-10.8,69.2) \end{gathered}$ |
| Suriname | $\begin{gathered} 20 \\ (13,31) \end{gathered}$ | $\begin{gathered} 8.4 \\ (5.3,13.0) \end{gathered}$ | $\begin{gathered} 51 \\ (34,76) \end{gathered}$ | $\begin{gathered} 9.0 \\ (6.0,13.6) \end{gathered}$ | $\begin{gathered} 6.7 \\ (-4.6,23.3) \end{gathered}$ |
| Trinidad and Tobago | $\begin{gathered} 115 \\ (62,192) \end{gathered}$ | $\begin{gathered} 15.1 \\ (8.0,25.5) \end{gathered}$ | $\begin{gathered} 282 \\ (158,497) \end{gathered}$ | $\begin{gathered} 15.6 \\ (8.7,27.2) \end{gathered}$ | $\begin{gathered} 3.1 \\ (-27.2,39.0) \end{gathered}$ |
| United States Virgin Islands | $\begin{gathered} 30 \\ (23,40) \end{gathered}$ | $\begin{gathered} 40.6 \\ (31.9,54.1) \end{gathered}$ | $\begin{gathered} 100 \\ (79,131) \end{gathered}$ | $\begin{gathered} 56.1 \\ (44.6,74.0) \end{gathered}$ | $\begin{gathered} 38.2 \\ (8.3,76.2) \end{gathered}$ |
| Andean Latin America | $\begin{gathered} 1161 \\ (683,1847) \end{gathered}$ | $\begin{gathered} 6.5 \\ (3.8,10.3) \end{gathered}$ | $\begin{gathered} 3138 \\ (1983,4919) \end{gathered}$ | $\begin{gathered} 5.9 \\ (3.7,9.2) \end{gathered}$ | $\begin{gathered} -9.5 \\ (-16.3,1.7) \end{gathered}$ |
| Bolivia (Plurinational State of) | $\begin{gathered} 203 \\ (117,324) \end{gathered}$ | $\begin{gathered} 7.6 \\ (4.4,12.1) \end{gathered}$ | $\begin{gathered} 556 \\ (344,853) \end{gathered}$ | $\begin{gathered} 7.2 \\ (4.5,11.0) \end{gathered}$ | $\begin{gathered} -5.5 \\ (-17.5,12.8) \end{gathered}$ |
| Ecuador | $\begin{gathered} 301 \\ (170,503) \end{gathered}$ | $\begin{gathered} 6.4 \\ (3.6,10.6) \end{gathered}$ | $\begin{gathered} 879 \\ (547,1369) \end{gathered}$ | $\begin{gathered} 6.3 \\ (3.9,9.7) \end{gathered}$ | $\begin{gathered} -1.5 \\ (-12.4,16.0) \end{gathered}$ |
| Peru | $\begin{gathered} 657 \\ (396,1029) \end{gathered}$ | $\begin{gathered} 6.2 \\ (3.7,9.7) \end{gathered}$ | $\begin{gathered} 1704 \\ (1058,2735) \end{gathered}$ | $\begin{gathered} 5.4 \\ (3.3,8.7) \end{gathered}$ | $\begin{gathered} -13.5 \\ (-23.3,-0.2) \end{gathered}$ |
| Central Latin America | $\begin{gathered} 10065 \\ (6060,15887) \end{gathered}$ | $\begin{gathered} 14.1 \\ (8.5,22.3) \end{gathered}$ | $\begin{gathered} 28959 \\ (17665,48099) \end{gathered}$ | $\begin{gathered} 12.9 \\ (7.9,21.4) \end{gathered}$ | $\begin{gathered} -8.5 \\ (-32.1,17.7) \end{gathered}$ |
| Colombia | $\begin{gathered} 1951 \\ (1146,3102) \end{gathered}$ | $\begin{gathered} 13.1 \\ (7.8,20.9) \end{gathered}$ | $\begin{gathered} 6340 \\ (3694,11011) \end{gathered}$ | $\begin{gathered} 11.8 \\ (6.9,20.2) \end{gathered}$ | $\begin{gathered} -10.1 \\ (-37.3,24.9) \end{gathered}$ |
| Costa Rica | $\begin{gathered} 153 \\ (90,243) \end{gathered}$ | $\begin{gathered} 9.5 \\ (5.6,15.0) \end{gathered}$ | $\begin{gathered} 488 \\ (296,827) \end{gathered}$ | $\begin{gathered} 9.6 \\ (5.8,16.2) \end{gathered}$ | $\begin{gathered} 1.6 \\ (-17.5,27.7) \end{gathered}$ |
| El Salvador | $\begin{gathered} 182 \\ (100,302) \end{gathered}$ | $\begin{gathered} 6.6 \\ (3.7,11.1) \end{gathered}$ | $\begin{gathered} 368 \\ (216,601) \end{gathered}$ | $\begin{gathered} 6.0 \\ (3.5,9.8) \end{gathered}$ | $\begin{gathered} -9.9 \\ (-18.3,2.1) \end{gathered}$ |
| Guatemala | $\begin{gathered} 200 \\ (104,337) \end{gathered}$ | $\begin{gathered} 6.9 \\ (3.6,11.4) \end{gathered}$ | $\begin{gathered} 654 \\ (363,1109) \end{gathered}$ | $\begin{gathered} 6.4 \\ (3.6,11.0) \end{gathered}$ | $\begin{gathered} -6.8 \\ (-16.5,8.1) \end{gathered}$ |
| Honduras | $\begin{gathered} 198 \\ (121,300) \end{gathered}$ | $\begin{gathered} 11.3 \\ (6.8,17.2) \end{gathered}$ | $\begin{gathered} 585 \\ (385,847) \end{gathered}$ | $\begin{gathered} 11.4 \\ (7.5,16.4) \end{gathered}$ | $\begin{gathered} 0.5 \\ (-15.8,21.6) \end{gathered}$ |
| Mexico | $\begin{gathered} 6013 \\ (3516,9513) \end{gathered}$ | $\begin{gathered} 16.5 \\ (9.7,25.9) \end{gathered}$ | $\begin{gathered} 16410 \\ (9548,27791) \end{gathered}$ | $\begin{gathered} 15.1 \\ (8.8,25.6) \end{gathered}$ | $\begin{gathered} -8.5 \\ (-35.3,20.7) \end{gathered}$ |
| Nicaragua | $\begin{gathered} 98 \\ (55,163) \end{gathered}$ | $\begin{gathered} 7.5 \\ (4.2,12.5) \end{gathered}$ | $\begin{gathered} 272 \\ (170,429) \end{gathered}$ | $\begin{gathered} 7.3 \\ (4.6,11.3) \end{gathered}$ | $\begin{gathered} -3.5 \\ (-13.6,12.4) \end{gathered}$ |
| Panama | $\begin{gathered} 226 \\ (124,377) \end{gathered}$ | $\begin{gathered} 16.3 \\ (9.0,27.2) \end{gathered}$ | $\begin{gathered} 782 \\ (445,1409) \end{gathered}$ | $\begin{gathered} 18.6 \\ (10.6,33.6) \end{gathered}$ | $\begin{gathered} 14.1 \\ (-28.9,55.7) \end{gathered}$ |
| Venezuela (Bolivarian Republic of) | $\begin{gathered} 1044 \\ (623,1695) \end{gathered}$ | $\begin{gathered} 12.5 \\ (7.5,20.0) \end{gathered}$ | $\begin{gathered} 3061 \\ (1855,4976) \end{gathered}$ | $\begin{gathered} 11.2 \\ (6.8,18.3) \end{gathered}$ | $\begin{gathered} -10.3 \\ (-28.2,16.2) \end{gathered}$ |


| Tropical Latin America | $\begin{gathered} 18664 \\ (10265,30667) \end{gathered}$ | $\begin{gathered} 23.3 \\ (12.9,38.0) \end{gathered}$ | $\begin{gathered} 54737 \\ (29708,93528) \end{gathered}$ | $\begin{gathered} 23.4 \\ (12.7,39.8) \end{gathered}$ | $\begin{gathered} 0.2 \\ (-21.9,26.4) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Brazil | $\begin{gathered} 18487 \\ (10124,30427) \end{gathered}$ | $\begin{gathered} 23.7 \\ (13.1,38.6) \end{gathered}$ | $\begin{gathered} 54103 \\ (29179,92662) \end{gathered}$ | $\begin{gathered} 23.6 \\ (12.8,40.4) \end{gathered}$ | $\begin{gathered} -0.5 \\ (-23.0,25.8) \end{gathered}$ |
| Paraguay | $\begin{gathered} 176 \\ (111,272) \end{gathered}$ | $\begin{gathered} 8.7 \\ (5.5,13.5) \end{gathered}$ | $\begin{gathered} 633 \\ (447,883) \end{gathered}$ | $\begin{gathered} 12.1 \\ (8.5,17.0) \end{gathered}$ | $\begin{gathered} 39.1 \\ (11.0,86.8) \end{gathered}$ |
| North Africa and Middle East | $\begin{gathered} 16151 \\ (10810,23296) \end{gathered}$ | $\begin{gathered} 11.2 \\ (7.6,16.5) \end{gathered}$ | $\begin{gathered} 41136 \\ (30016,58107) \end{gathered}$ | $\begin{gathered} 11.2 \\ (8.2,15.7) \end{gathered}$ | $\begin{gathered} -0.2 \\ (-13.8,17.1) \end{gathered}$ |
| Afghanistan | $\begin{gathered} 431 \\ (232,716) \end{gathered}$ | $\begin{gathered} 7.1 \\ (3.9,11.7) \end{gathered}$ | $\begin{gathered} 708 \\ (414,1098) \end{gathered}$ | $\begin{gathered} 7.9 \\ (4.6,12.4) \end{gathered}$ | $\begin{gathered} 12.2 \\ (0.7,28.9) \end{gathered}$ |
| Algeria | $\begin{gathered} 873 \\ (512,1403) \end{gathered}$ | $\begin{gathered} 8.8 \\ (5.3,13.6) \end{gathered}$ | $\begin{gathered} 2704 \\ (1690,4064) \end{gathered}$ | $\begin{gathered} 9.6 \\ (6.0,14.4) \end{gathered}$ | $\begin{gathered} 8.7 \\ (-6.5,32.4) \end{gathered}$ |
| Bahrain | $\begin{gathered} 33 \\ (25,42) \end{gathered}$ | $\begin{gathered} 25.0 \\ (19.2,32.0) \end{gathered}$ | $\begin{gathered} 178 \\ (131,231) \end{gathered}$ | $\begin{gathered} 26.2 \\ (20.0,33.6) \end{gathered}$ | $\begin{gathered} 4.9 \\ (-22.6,39.5) \end{gathered}$ |
| Egypt | $\begin{gathered} 1647 \\ (903,2715) \end{gathered}$ | $\begin{gathered} 7.1 \\ (4.0,11.5) \end{gathered}$ | $\begin{gathered} 4072 \\ (2549,6319) \end{gathered}$ | $\begin{gathered} 8.1 \\ (5.1,12.5) \end{gathered}$ | $\begin{gathered} 14.8 \\ (1.6,40.5) \end{gathered}$ |
| Iran (Islamic Republic of) | $\begin{gathered} 1391 \\ (781,2290) \end{gathered}$ | $\begin{gathered} 7.1 \\ (4.1,11.4) \end{gathered}$ | $\begin{gathered} 5932 \\ (4078,8689) \end{gathered}$ | $\begin{gathered} 9.2 \\ (6.3,13.6) \end{gathered}$ | $\begin{gathered} 30.3 \\ (9.2,64.0) \end{gathered}$ |
| Iraq | $\begin{gathered} 625 \\ (354,1035) \end{gathered}$ | $\begin{gathered} 9.1 \\ (5.1,15.2) \end{gathered}$ | $\begin{gathered} 1487 \\ (921,2380) \end{gathered}$ | $\begin{gathered} 7.8 \\ (4.7,12.5) \end{gathered}$ | $\begin{gathered} -14.3 \\ (-23.3,-1.4) \end{gathered}$ |
| Jordan | $\begin{gathered} 76 \\ (41,127) \end{gathered}$ | $\begin{gathered} 7.6 \\ (4.2,12.7) \end{gathered}$ | $\begin{gathered} 348 \\ (196,578) \end{gathered}$ | $\begin{gathered} 6.8 \\ (3.9,11.3) \end{gathered}$ | $\begin{gathered} -10.2 \\ (-17.9,-0.8) \end{gathered}$ |
| Kuwait | $\begin{gathered} 26 \\ (14,44) \end{gathered}$ | $\begin{gathered} 6.2 \\ (3.3,10.5) \end{gathered}$ | $\begin{gathered} 120 \\ (67,196) \end{gathered}$ | $\begin{gathered} 6.3 \\ (3.5,10.3) \end{gathered}$ | $\begin{gathered} 0.9 \\ (-10.2,19.8) \end{gathered}$ |
| Lebanon | $\begin{gathered} 168 \\ (97,277) \end{gathered}$ | $\begin{gathered} 8.7 \\ (5.1,14.1) \end{gathered}$ | $\begin{gathered} 472 \\ (305,721) \end{gathered}$ | $\begin{gathered} 9.1 \\ (5.9,14.0) \end{gathered}$ | $\begin{gathered} 5.7 \\ (-9.0,29.6) \end{gathered}$ |
| Libya | $\begin{gathered} 107 \\ (60,178) \end{gathered}$ | $\begin{gathered} 6.8 \\ (3.8,11.3) \end{gathered}$ | $\begin{gathered} 321 \\ (193,498) \end{gathered}$ | $\begin{gathered} 7.6 \\ (4.5,11.8) \end{gathered}$ | $\begin{gathered} 11.6 \\ (-2.1,35.2) \end{gathered}$ |
| Morocco | $\begin{gathered} 862 \\ (469,1464) \end{gathered}$ | $\begin{gathered} 7.6 \\ (4.2,12.5) \end{gathered}$ | $\begin{gathered} 2233 \\ (1428,3382) \end{gathered}$ | $\begin{gathered} 8.5 \\ (5.5,12.8) \end{gathered}$ | $\begin{gathered} 12.4 \\ (-2.8,38.8) \end{gathered}$ |
| Palestine | $\begin{gathered} 50 \\ (27,84) \end{gathered}$ | $\begin{gathered} 6.5 \\ (3.6,11.1) \end{gathered}$ | $\begin{gathered} 117 \\ (67,192) \end{gathered}$ | $\begin{gathered} 6.3 \\ (3.6,10.3) \end{gathered}$ | $\begin{gathered} -2.5 \\ (-11.5,8.2) \end{gathered}$ |
| Oman | $\begin{gathered} 39 \\ (24,61) \end{gathered}$ | $\begin{gathered} 8.3 \\ (5.0,12.8) \end{gathered}$ | $\begin{gathered} 123 \\ (81,179) \end{gathered}$ | $\begin{gathered} 10.9 \\ (7.2,15.6) \end{gathered}$ | $\begin{gathered} 32.2 \\ (7.4,75.5) \end{gathered}$ |
| Qatar | $\begin{gathered} 7 \\ (5,11) \end{gathered}$ | $\begin{gathered} 13.5 \\ (8.2,19.7) \end{gathered}$ | $\begin{gathered} 47 \\ (30,69) \end{gathered}$ | $\begin{gathered} 17.6 \\ (11.7,24.2) \end{gathered}$ | $\begin{gathered} 30.7 \\ (-2.0,85.1) \end{gathered}$ |
| Saudi Arabia | $\begin{gathered} 270 \\ (151,446) \end{gathered}$ | $\begin{gathered} 6.0 \\ (3.3,9.9) \end{gathered}$ | $\begin{gathered} 631 \\ (367,1026) \end{gathered}$ | $\begin{gathered} 5.6 \\ (3.3,9.0) \end{gathered}$ | $\begin{gathered} -7.1 \\ (-16.2,7.6) \end{gathered}$ |
| Sudan | $\begin{gathered} 502 \\ (284,828) \end{gathered}$ | $\begin{gathered} 6.4 \\ (3.6,10.3) \end{gathered}$ | $\begin{gathered} 1130 \\ (707,1738) \end{gathered}$ | $\begin{gathered} 7.4 \\ (4.7,11.5) \end{gathered}$ | $\begin{gathered} 16.5 \\ (0.9,40.8) \end{gathered}$ |
| Syrian Arab Republic | $\begin{gathered} 298 \\ (159,507) \end{gathered}$ | $\begin{gathered} 6.8 \\ (3.7,11.5) \end{gathered}$ | $\begin{gathered} 602 \\ (330,1015) \end{gathered}$ | $\begin{gathered} 5.9 \\ (3.3,9.8) \end{gathered}$ | $\begin{gathered} -13.5 \\ (-20.5,-2.9) \end{gathered}$ |


| Tunisia | $\begin{gathered} 316 \\ (176,530) \end{gathered}$ | $\begin{gathered} 7.4 \\ (4.2,12.1) \end{gathered}$ | $\begin{gathered} 949 \\ (607,1454) \end{gathered}$ | $\begin{gathered} 8.2 \\ (5.3,12.5) \end{gathered}$ | $\begin{gathered} 10.9 \\ (-4.3,37.1) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Türkiye | $\begin{gathered} 8130 \\ (6162,10632) \end{gathered}$ | $\begin{gathered} 24.8 \\ (18.7,32.7) \end{gathered}$ | $\begin{gathered} 17879 \\ (13628,24347) \end{gathered}$ | $\begin{gathered} 21.0 \\ (16.0,28.8) \end{gathered}$ | $\begin{gathered} -15.4 \\ (-36.9,10.2) \end{gathered}$ |
| United Arab Emirates | $\begin{gathered} 22 \\ (13,34) \end{gathered}$ | $\begin{gathered} 9.0 \\ (5.5,14.6) \end{gathered}$ | $\begin{gathered} 238 \\ (140,388) \end{gathered}$ | $\begin{gathered} 10.4 \\ (6.0,16.5) \end{gathered}$ | $\begin{gathered} 14.6 \\ (-10.4,61.4) \end{gathered}$ |
| Yemen | $\begin{gathered} 268 \\ (148,449) \end{gathered}$ | $\begin{gathered} 7.1 \\ (3.9,11.8) \end{gathered}$ | $\begin{gathered} 804 \\ (470,1257) \end{gathered}$ | $\begin{gathered} 7.6 \\ (4.4,11.9) \end{gathered}$ | $\begin{gathered} 7.8 \\ (-4.6,27.1) \end{gathered}$ |
| South Asia | $\begin{gathered} 33065 \\ (20730,50339) \end{gathered}$ | $\begin{gathered} 7.8 \\ (4.9,12.0) \end{gathered}$ | $\begin{gathered} 107763 \\ (74349,154410) \end{gathered}$ | $\begin{gathered} 8.9 \\ (6.2,12.9) \end{gathered}$ | $\begin{gathered} 14.1 \\ (-2.9,35.9) \end{gathered}$ |
| Bangladesh | $\begin{gathered} 2818 \\ (1676,4388) \end{gathered}$ | $\begin{gathered} 7.3 \\ (4.4,11.3) \end{gathered}$ | $\begin{gathered} 10295 \\ (6275,15281) \end{gathered}$ | $\begin{gathered} 8.9 \\ (5.4,13.2) \end{gathered}$ | $\begin{gathered} 22.0 \\ (-5.0,61.0) \end{gathered}$ |
| Bhutan | $\begin{gathered} 14 \\ (9,23) \end{gathered}$ | $\begin{gathered} 7.8 \\ (4.8,12.4) \end{gathered}$ | $\begin{gathered} 50 \\ (32,74) \end{gathered}$ | $\begin{gathered} 10.2 \\ (6.5,14.9) \end{gathered}$ | $\begin{gathered} 29.9 \\ (-0.8,76.7) \end{gathered}$ |
| India | $\begin{gathered} 25077 \\ (15541,38290) \end{gathered}$ | $\begin{gathered} 7.6 \\ (4.7,11.8) \end{gathered}$ | $\begin{gathered} 86161 \\ (59690,124696) \end{gathered}$ | $\begin{gathered} 8.7 \\ (6.0,12.6) \end{gathered}$ | $\begin{gathered} 14.4 \\ (-4.2,36.5) \end{gathered}$ |
| Nepal | $\begin{gathered} 548 \\ (315,874) \end{gathered}$ | $\begin{gathered} 7.5 \\ (4.4,11.9) \end{gathered}$ | $\begin{gathered} 1741 \\ (1112,2565) \end{gathered}$ | $\begin{gathered} 9.1 \\ (5.9,13.4) \end{gathered}$ | $\begin{gathered} 20.6 \\ (-0.6,56.4) \end{gathered}$ |
| Pakistan | $\begin{gathered} 4608 \\ (2922,7100) \end{gathered}$ | $\begin{gathered} 9.2 \\ (5.9,14.1) \end{gathered}$ | $\begin{gathered} 9517 \\ (6426,14000) \end{gathered}$ | $\begin{gathered} 11.1 \\ (7.4,16.4) \end{gathered}$ | $\begin{gathered} 20.1 \\ (2.1,46.0) \end{gathered}$ |
| Central SubSaharan Africa | $\begin{gathered} 8608 \\ (3597,15128) \end{gathered}$ | $\begin{gathered} 46.1 \\ (19.9,80.4) \end{gathered}$ | $\begin{gathered} 19070 \\ (10672,28794) \end{gathered}$ | $\begin{gathered} 43.1 \\ (24.0,65.5) \end{gathered}$ | $\begin{gathered} -6.5 \\ (-32.1,39.5) \end{gathered}$ |
| Angola | $\begin{gathered} 803 \\ (500,1145) \end{gathered}$ | $\begin{gathered} 25.8 \\ (15.5,36.4) \end{gathered}$ | $\begin{gathered} 2989 \\ (1808,4034) \end{gathered}$ | $\begin{gathered} 33.6 \\ (20.2,45.1) \end{gathered}$ | $\begin{gathered} 30.4 \\ (-2.7,78.9) \end{gathered}$ |
| Central African Republic | $\begin{gathered} 276 \\ (156,418) \end{gathered}$ | $\begin{gathered} 28.8 \\ (15.7,42.4) \end{gathered}$ | $\begin{gathered} 500 \\ (320,737) \end{gathered}$ | $\begin{gathered} 29.3 \\ (17.8,42.2) \end{gathered}$ | $\begin{gathered} 1.6 \\ (-21.8,30.1) \end{gathered}$ |
| Congo | $\begin{gathered} 378 \\ (233,518) \end{gathered}$ | $\begin{gathered} 41.6 \\ (26.0,56.9) \end{gathered}$ | $\begin{gathered} 1024 \\ (675,1413) \end{gathered}$ | $\begin{gathered} 47.9 \\ (31.6,65.7) \end{gathered}$ | $\begin{gathered} 15.3 \\ (-16.5,56.8) \end{gathered}$ |
| Democratic Republic of the Congo | $\begin{gathered} 6889 \\ (2453,12930) \end{gathered}$ | $\begin{gathered} 53.3 \\ (19.6,98.6) \end{gathered}$ | $\begin{gathered} 13839 \\ (6686,23222) \end{gathered}$ | $\begin{gathered} 45.9 \\ (22.5,75.5) \end{gathered}$ | $\begin{gathered} -14.0 \\ (-39.8,34.2) \end{gathered}$ |
| Equatorial Guinea | $\begin{gathered} 47 \\ (25,69) \end{gathered}$ | $\begin{gathered} 27.9 \\ (15.0,39.7) \end{gathered}$ | $\begin{gathered} 194 \\ (95,327) \end{gathered}$ | $\begin{gathered} 50.0 \\ (24.9,81.5) \end{gathered}$ | $\begin{gathered} 79.0 \\ (9.1,188.3) \end{gathered}$ |
| Gabon | $\begin{gathered} 214 \\ (108,344) \end{gathered}$ | $\begin{gathered} 41.7 \\ (20.8,66.3) \end{gathered}$ | $\begin{gathered} 523 \\ (330,727) \end{gathered}$ | $\begin{gathered} 57.2 \\ (35.8,79.5) \end{gathered}$ | $\begin{gathered} 37.1 \\ (-2.9,98.7) \end{gathered}$ |
| Eastern SubSaharan Africa | $\begin{gathered} 13643 \\ (8261,19151) \end{gathered}$ | $\begin{gathered} 22.0 \\ (12.9,31.0) \end{gathered}$ | $\begin{gathered} 37019 \\ (22579,48292) \end{gathered}$ | $\begin{gathered} 27.6 \\ (16.3,36.3) \end{gathered}$ | $\begin{gathered} 25.5 \\ (0.4,52.7) \end{gathered}$ |
| Burundi | $\begin{gathered} 496 \\ (291,722) \end{gathered}$ | $\begin{gathered} 24.2 \\ (14.0,35.6) \end{gathered}$ | $\begin{gathered} 823 \\ (510,1166) \end{gathered}$ | $\begin{gathered} 22.5 \\ (13.4,31.8) \end{gathered}$ | $\begin{gathered} -6.8 \\ (-35.1,27.7) \end{gathered}$ |
| Comoros | $\begin{gathered} 46 \\ (25,68) \end{gathered}$ | $\begin{gathered} 23.4 \\ (12.6,33.9) \end{gathered}$ | $\begin{gathered} 110 \\ (60,156) \end{gathered}$ | $\begin{gathered} 25.2 \\ (13.6,36.0) \end{gathered}$ | $\begin{gathered} 7.8 \\ (-22.3,53.3) \end{gathered}$ |
| Djibouti | $\begin{gathered} 28 \\ (15,43) \end{gathered}$ | $\begin{gathered} 25.9 \\ (13.8,39.7) \end{gathered}$ | $\begin{gathered} 153 \\ (81,228) \end{gathered}$ | $\begin{gathered} 32.6 \\ (17.2,47.4) \end{gathered}$ | $\begin{gathered} 26.1 \\ (-8.2,72.4) \end{gathered}$ |


| Eritrea | $\begin{gathered} 146 \\ (88,231) \end{gathered}$ | $\begin{gathered} 19.2 \\ (10.9,30.0) \end{gathered}$ | $\begin{gathered} 497 \\ (284,718) \end{gathered}$ | $\begin{gathered} 24.2 \\ (13.0,35.5) \end{gathered}$ | $\begin{gathered} 26.1 \\ (-7.9,79.8) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Ethiopia | $\begin{gathered} 3249 \\ (2047,4756) \end{gathered}$ | $\begin{gathered} 20.3 \\ (12.3,30.1) \end{gathered}$ | $\begin{gathered} 8700 \\ (5276,12303) \end{gathered}$ | $\begin{gathered} 25.1 \\ (15.0,35.3) \end{gathered}$ | $\begin{gathered} 23.8 \\ (-17.7,73.9) \end{gathered}$ |
| Kenya | $\begin{gathered} 1272 \\ (781,1797) \end{gathered}$ | $\begin{gathered} 18.5 \\ (11.1,26.2) \end{gathered}$ | $\begin{gathered} 4477 \\ (2768,5905) \end{gathered}$ | $\begin{gathered} 25.6 \\ (14.9,34.1) \end{gathered}$ | $\begin{gathered} 38.6 \\ (13.2,70.5) \end{gathered}$ |
| Madagascar | $\begin{gathered} 1208 \\ (703,1729) \end{gathered}$ | $\begin{gathered} 27.0 \\ (15.5,38.5) \end{gathered}$ | $\begin{gathered} 2862 \\ (1600,4164) \end{gathered}$ | $\begin{gathered} 31.9 \\ (17.4,45.6) \end{gathered}$ | $\begin{gathered} 18.3 \\ (-15.0,62.0) \end{gathered}$ |
| Malawi | $\begin{gathered} 615 \\ (351,894) \end{gathered}$ | $\begin{gathered} 19.7 \\ (10.9,28.8) \end{gathered}$ | $\begin{gathered} 1468 \\ (850,2028) \end{gathered}$ | $\begin{gathered} 24.1 \\ (13.6,33.2) \end{gathered}$ | $\begin{gathered} 22.2 \\ (-5.1,58.5) \end{gathered}$ |
| Mozambique | $\begin{gathered} 1083 \\ (574,1545) \end{gathered}$ | $\begin{gathered} 22.0 \\ (11.6,31.1) \end{gathered}$ | $\begin{gathered} 3060 \\ (1801,4242) \end{gathered}$ | $\begin{gathered} 33.5 \\ (19.0,46.2) \end{gathered}$ | $\begin{gathered} 52.4 \\ (16.2,101.5) \end{gathered}$ |
| Rwanda | $\begin{gathered} 563 \\ (314,911) \end{gathered}$ | $\begin{gathered} 23.1 \\ (12.6,38.0) \end{gathered}$ | $\begin{gathered} 1156 \\ (609,1695) \end{gathered}$ | $\begin{gathered} 23.5 \\ (12.2,34.7) \end{gathered}$ | $\begin{gathered} 1.6 \\ (-30.3,37.7) \end{gathered}$ |
| Somalia | $\begin{gathered} 379 \\ (213,602) \end{gathered}$ | $\begin{gathered} 19.2 \\ (10.6,30.1) \end{gathered}$ | $\begin{gathered} 951 \\ (499,1493) \end{gathered}$ | $\begin{gathered} 18.6 \\ (9.6,28.7) \end{gathered}$ | $\begin{gathered} -3.2 \\ (-26.6,25.1) \end{gathered}$ |
| South Sudan | $\begin{gathered} 553 \\ (303,824) \end{gathered}$ | $\begin{gathered} 26.5 \\ (14.4,39.4) \end{gathered}$ | $\begin{gathered} 865 \\ (472,1304) \end{gathered}$ | $\begin{gathered} 27.6 \\ (14.9,40.8) \end{gathered}$ | $\begin{gathered} 4.5 \\ (-23.8,47.0) \end{gathered}$ |
| Uganda | $\begin{gathered} 1141 \\ (507,1645) \end{gathered}$ | $\begin{gathered} 20.5 \\ (9.1,29.8) \end{gathered}$ | $\begin{gathered} 3113 \\ (1463,4524) \end{gathered}$ | $\begin{gathered} 26.5 \\ (12.2,38.3) \end{gathered}$ | $\begin{gathered} 29.2 \\ (-1.6,70.4) \end{gathered}$ |
| United Republic of Tanzania | $\begin{gathered} 2354 \\ (1338,3445) \end{gathered}$ | $\begin{gathered} 25.3 \\ (14.3,37.7) \end{gathered}$ | $\begin{gathered} 6831 \\ (3170,10286) \end{gathered}$ | $\begin{gathered} 32.6 \\ (15.0,48.6) \end{gathered}$ | $\begin{gathered} 28.8 \\ (-10.3,82.0) \end{gathered}$ |
| Zambia | $\begin{gathered} 500 \\ (340,742) \end{gathered}$ | $\begin{gathered} 21.8 \\ (14.3,32.0) \end{gathered}$ | $\begin{gathered} 1925 \\ (1290,2879) \end{gathered}$ | $\begin{gathered} 35.5 \\ (23.5,52.4) \end{gathered}$ | $\begin{gathered} 62.7 \\ (15.0,127.8) \end{gathered}$ |
| Southern Sub- <br> Saharan Africa | $\begin{gathered} 8420 \\ (6537,10483) \end{gathered}$ | $\begin{gathered} 32.7 \\ (25.2,41.3) \end{gathered}$ | $\begin{gathered} 22036 \\ (17674,26085) \end{gathered}$ | $\begin{gathered} 41.8 \\ (33.4,49.9) \end{gathered}$ | $\begin{gathered} 27.9 \\ (10.4,45.2) \end{gathered}$ |
| Botswana | $\begin{gathered} 128 \\ (86,173) \end{gathered}$ | $\begin{gathered} 24.1 \\ (16.2,32.8) \end{gathered}$ | $\begin{gathered} 396 \\ (256,555) \end{gathered}$ | $\begin{gathered} 31.4 \\ (20.1,43.0) \end{gathered}$ | $\begin{gathered} 29.9 \\ (-5.2,81.2) \end{gathered}$ |
| Lesotho | $\begin{gathered} 154 \\ (105,222) \end{gathered}$ | $\begin{gathered} 16.9 \\ (11.5,24.3) \end{gathered}$ | $\begin{gathered} 282 \\ (189,387) \end{gathered}$ | $\begin{gathered} 24.9 \\ (16.8,34.1) \end{gathered}$ | $\begin{gathered} 47.1 \\ (15.1,96.2) \end{gathered}$ |
| Namibia | $\begin{gathered} 175 \\ (120,239) \end{gathered}$ | $\begin{gathered} 25.7 \\ (17.3,35.1) \end{gathered}$ | $\begin{gathered} 399 \\ (277,563) \end{gathered}$ | $\begin{gathered} 30.3 \\ (20.9,41.9) \end{gathered}$ | $\begin{gathered} 17.9 \\ (-12.4,59.1) \end{gathered}$ |
| South Africa | $\begin{gathered} 7642 \\ (5929,9403) \end{gathered}$ | $\begin{gathered} 38.5 \\ (29.8,47.8) \end{gathered}$ | $\begin{gathered} 20321 \\ (16339,23826) \end{gathered}$ | $\begin{gathered} 47.8 \\ (38.3,57.0) \end{gathered}$ | $\begin{gathered} 24.2 \\ (6.4,42.0) \end{gathered}$ |
| Eswatini | $\begin{gathered} 55 \\ (38,75) \end{gathered}$ | $\begin{gathered} 21.0 \\ (14.4,29.1) \end{gathered}$ | $\begin{gathered} 145 \\ (102,203) \end{gathered}$ | $\begin{gathered} 27.9 \\ (19.3,38.3) \end{gathered}$ | $\begin{gathered} 33.0 \\ (0.6,81.9) \end{gathered}$ |
| Zimbabwe | $\begin{gathered} 266 \\ (147,440) \end{gathered}$ | $\begin{gathered} 8.1 \\ (4.5,13.2) \end{gathered}$ | $\begin{gathered} 493 \\ (280,805) \end{gathered}$ | $\begin{gathered} 8.9 \\ (5.1,14.7) \end{gathered}$ | $\begin{gathered} 10.2 \\ (1.1,19.6) \end{gathered}$ |
| Western SubSaharan Africa | $\begin{gathered} 6908 \\ (4643,9971) \end{gathered}$ | $\begin{gathered} 9.3 \\ (6.3,13.6) \end{gathered}$ | $\begin{gathered} 16088 \\ (10061,22820) \end{gathered}$ | $\begin{gathered} 10.5 \\ (6.6,15.3) \end{gathered}$ | $\begin{gathered} 13.2 \\ (-7.5,37.1) \end{gathered}$ |
| Benin | $\begin{gathered} 173 \\ (110,264) \end{gathered}$ | $\begin{gathered} 9.6 \\ (6.1,14.7) \end{gathered}$ | $\begin{gathered} 437 \\ (270,641) \end{gathered}$ | $\begin{gathered} 10.9 \\ (6.8,15.8) \end{gathered}$ | $\begin{gathered} 13.1 \\ (-7.4,43.8) \end{gathered}$ |


| Burkina Faso | $\begin{gathered} 346 \\ (213,524) \end{gathered}$ | $\begin{gathered} 9.1 \\ (5.7,13.6) \end{gathered}$ | $\begin{gathered} 982 \\ (578,1509) \end{gathered}$ | $\begin{gathered} 12.8 \\ (7.6,19.4) \end{gathered}$ | $\begin{gathered} 40.5 \\ (7.5,92.5) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Cameroon | $\begin{gathered} 377 \\ (240,553) \end{gathered}$ | $\begin{gathered} 10.0 \\ (6.4,14.6) \end{gathered}$ | $\begin{gathered} 1206 \\ (743,1775) \end{gathered}$ | $\begin{gathered} 12.6 \\ (7.9,18.1) \end{gathered}$ | $\begin{gathered} 25.7 \\ (-5.1,70.7) \end{gathered}$ |
| Cabo Verde | $\begin{gathered} 25 \\ (16,37) \end{gathered}$ | $\begin{gathered} 10.4 \\ (6.7,15.4) \end{gathered}$ | $\begin{gathered} 56 \\ (35,78) \end{gathered}$ | $\begin{gathered} 13.8 \\ (8.6,19.3) \end{gathered}$ | $\begin{gathered} 33.1 \\ (2.4,87.6) \end{gathered}$ |
| Chad | $\begin{gathered} 229 \\ (147,344) \end{gathered}$ | $\begin{gathered} 9.1 \\ (5.8,13.3) \end{gathered}$ | $\begin{gathered} 471 \\ (285,691) \end{gathered}$ | $\begin{gathered} 10.2 \\ (6.3,14.9) \end{gathered}$ | $\begin{gathered} 12.9 \\ (-7.6,42.8) \end{gathered}$ |
| Cote d'Ivoire | $\begin{gathered} 290 \\ (186,418) \end{gathered}$ | $\begin{gathered} 9.8 \\ (6.3,14.2) \end{gathered}$ | $\begin{gathered} 874 \\ (544,1279) \end{gathered}$ | $\begin{gathered} 10.8 \\ (6.8,15.9) \end{gathered}$ | $\begin{gathered} 10.6 \\ (-9.4,45.4) \end{gathered}$ |
| Gambia | $\begin{gathered} 27 \\ (17,42) \end{gathered}$ | $\begin{gathered} 9.6 \\ (5.9,14.5) \end{gathered}$ | $\begin{gathered} 97 \\ (59,145) \end{gathered}$ | $\begin{gathered} 11.9 \\ (7.3,17.6) \end{gathered}$ | $\begin{gathered} 23.5 \\ (-1.9,64.9) \end{gathered}$ |
| Ghana | $\begin{gathered} 386 \\ (233,594) \end{gathered}$ | $\begin{gathered} 7.6 \\ (4.6,11.8) \end{gathered}$ | $\begin{gathered} 927 \\ (557,1494) \end{gathered}$ | $\begin{gathered} 7.2 \\ (4.4,11.4) \end{gathered}$ | $\begin{gathered} -6.1 \\ (-21.2,12.0) \end{gathered}$ |
| Guinea | $\begin{gathered} 276 \\ (168,420) \end{gathered}$ | $\begin{gathered} 9.2 \\ (5.6,13.8) \end{gathered}$ | $\begin{gathered} 503 \\ (295,762) \end{gathered}$ | $\begin{gathered} 10.4 \\ (6.2,15.6) \end{gathered}$ | $\begin{gathered} 14.0 \\ (-8.3,50.2) \end{gathered}$ |
| Guinea-Bissau | $\begin{gathered} 34 \\ (21,52) \end{gathered}$ | $\begin{gathered} 10.0 \\ (6.4,15.3) \end{gathered}$ | $\begin{gathered} 65 \\ (39,98) \end{gathered}$ | $\begin{gathered} 11.5 \\ (7.1,16.9) \end{gathered}$ | $\begin{gathered} 14.8 \\ (-10.6,54.3) \end{gathered}$ |
| Liberia | $\begin{gathered} 100 \\ (65,146) \end{gathered}$ | $\begin{gathered} 10.0 \\ (6.5,14.6) \end{gathered}$ | $\begin{gathered} 173 \\ (104,260) \end{gathered}$ | $\begin{gathered} 10.7 \\ (6.5,16.2) \end{gathered}$ | $\begin{gathered} 7.7 \\ (-11.8,37.9) \end{gathered}$ |
| Mali | $\begin{gathered} 314 \\ (192,486) \end{gathered}$ | $\begin{gathered} 8.9 \\ (5.6,13.5) \end{gathered}$ | $\begin{gathered} 743 \\ (462,1104) \end{gathered}$ | $\begin{gathered} 10.3 \\ (6.5,15.1) \end{gathered}$ | $\begin{gathered} 15.9 \\ (-6.5,52.3) \end{gathered}$ |
| Mauritania | $\begin{gathered} 96 \\ (61,140) \end{gathered}$ | $\begin{gathered} 10.9 \\ (7.1,16.0) \end{gathered}$ | $\begin{gathered} 210 \\ (116,311) \end{gathered}$ | $\begin{gathered} 11.4 \\ (6.4,16.6) \end{gathered}$ | $\begin{gathered} 3.9 \\ (-21.5,36.1) \end{gathered}$ |
| Niger | $\begin{gathered} 196 \\ (123,293) \end{gathered}$ | $\begin{gathered} 8.9 \\ (5.6,13.3) \end{gathered}$ | $\begin{gathered} 618 \\ (367,962) \end{gathered}$ | $\begin{gathered} 9.7 \\ (5.8,14.6) \end{gathered}$ | $\begin{gathered} 9.5 \\ (-9.7,41.6) \end{gathered}$ |
| Nigeria | $\begin{gathered} 3475 \\ (2350,5077) \end{gathered}$ | $\begin{gathered} 9.3 \\ (6.3,13.7) \end{gathered}$ | $\begin{gathered} 7321 \\ (4395,10933) \end{gathered}$ | $\begin{gathered} 10.5 \\ (6.4,15.7) \end{gathered}$ | $\begin{gathered} 12.9 \\ (-18.1,53.3) \end{gathered}$ |
| Sao Tome and Principe | $\begin{gathered} 6 \\ (4,8) \end{gathered}$ | $\begin{gathered} 9.5 \\ (6.0,14.2) \end{gathered}$ | $\begin{gathered} 11 \\ (6,16) \end{gathered}$ | $\begin{gathered} 12.1 \\ (7.5,17.7) \end{gathered}$ | $\begin{gathered} 28.2 \\ (1.6,72.8) \end{gathered}$ |
| Senegal | $\begin{gathered} 288 \\ (177,424) \end{gathered}$ | $\begin{gathered} 10.3 \\ (6.6,15.4) \end{gathered}$ | $\begin{gathered} 747 \\ (443,1096) \end{gathered}$ | $\begin{gathered} 11.5 \\ (6.9,16.6) \end{gathered}$ | $\begin{gathered} 11.4 \\ (-10.1,44.6) \end{gathered}$ |
| Sierra Leone | $\begin{gathered} 169 \\ (104,266) \end{gathered}$ | $\begin{gathered} 9.8 \\ (6.0,15.4) \end{gathered}$ | $\begin{gathered} 307 \\ (186,469) \end{gathered}$ | $\begin{gathered} 10.3 \\ (6.3,15.6) \end{gathered}$ | $\begin{gathered} 5.4 \\ (-11.9,36.0) \end{gathered}$ |
| Togo | $\begin{gathered} 103 \\ (65,150) \end{gathered}$ | $\begin{gathered} 10.3 \\ (6.6,14.9) \end{gathered}$ | $\begin{gathered} 341 \\ (201,516) \end{gathered}$ | $\begin{gathered} 11.9 \\ (7.1,17.7) \end{gathered}$ | $\begin{gathered} 16.2 \\ (-7.9,54.2) \end{gathered}$ |
| High SDI | $\begin{gathered} 317532 \\ (192568,501764) \end{gathered}$ | $\begin{gathered} 29.9 \\ (18.1,47.4) \end{gathered}$ | $\begin{gathered} 562292 \\ (323078,930388) \end{gathered}$ | $\begin{gathered} 27.3 \\ (15.7,45.4) \end{gathered}$ | $\begin{gathered} -8.9 \\ (-24.7,3.4) \end{gathered}$ |
| High-middle SDI | $\begin{gathered} 287815 \\ (166330,460824) \end{gathered}$ | $\begin{gathered} 29.6 \\ (17.1,46.7) \end{gathered}$ | $\begin{gathered} 520674 \\ (318434,857842) \end{gathered}$ | $\begin{gathered} 25.7 \\ (15.6,42.1) \end{gathered}$ | $\begin{gathered} -13.0 \\ (-28.4,-1.1) \end{gathered}$ |
| Middle SDI | $\begin{gathered} 93993 \\ (58814,143627) \end{gathered}$ | $\begin{gathered} 11.2 \\ (7.0,16.9) \end{gathered}$ | $\begin{gathered} 250750 \\ (170324,373841) \end{gathered}$ | $\begin{gathered} 11.2 \\ (7.6,16.9) \end{gathered}$ | $\begin{gathered} 0.1 \\ (-8.1,12.0) \end{gathered}$ |


| Low-middle SDI | 45940 <br> $(29139,69952)$ | 9.7 <br> $(6.1,14.7)$ | 128679 <br> $(89770,184475)$ | 10.8 <br> $(7.5,15.5)$ | 11.0 <br> $(-0.8,27.8)$ |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Low SDI | 29758 <br> $(18023,41464)$ | 15.2 <br> $(9.2,21.4)$ | 72943 <br> $(46271,98650)$ | 16.8 <br> $(10.4,22.9)$ | $(-7.5,30.5)$ |

Table S3: Deaths due to PAD in 1990 and 2019 for both sexes and percentage change in agestandardised rates by location. PAD= Peripheral artery disease.

| Deaths of PAD | 1990 |  | 2019 |  | Percentage change in agestandardised rates between 1990 and 2019 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Counts (95\% UI) | Age- standardised rate (95\% UI) | Counts (95\% UI) | Age- standardised rate (95\% UI) |  |
| Global | $\begin{gathered} 30168 \\ (16181,52436) \end{gathered}$ | $\begin{gathered} 1.0 \\ (0.5,1.8) \end{gathered}$ | $\begin{gathered} 74063 \\ (41183,128164) \end{gathered}$ | $\begin{gathered} 1.0 \\ (0.6,1.7) \end{gathered}$ | $\begin{gathered} -2.5 \\ (-21.9,9.8) \end{gathered}$ |
| East Asia | $\begin{gathered} 628 \\ (498,845) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 2279 \\ (1874,2830) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 21.1 \\ (-13.7,51.8) \end{gathered}$ |
| China | $\begin{gathered} 609 \\ (480,826) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 2209 \\ (1810,2745) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 21.2 \\ (-14.3,52.3) \end{gathered}$ |
| Democratic People's <br> Republic of Korea | $\begin{gathered} 11 \\ (7,15) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 29 \\ (20,37) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 6.9 \\ (-22.1,50.2) \end{gathered}$ |
| Taiwan | $\begin{gathered} 8 \\ (4,16) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.0,0.1) \end{gathered}$ | $\begin{gathered} 41 \\ (18,81) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.0,0.2) \end{gathered}$ | $\begin{gathered} 26.0 \\ (-18.3,84.1) \end{gathered}$ |
| Southeast Asia | $\begin{gathered} 226 \\ (183,278) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 913 \\ (717,1128) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.2,0.2) \end{gathered}$ | $\begin{gathered} 52.9 \\ (23.5,80.5) \end{gathered}$ |
| Cambodia | $\begin{gathered} 3 \\ (2,4) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 13 \\ (9,20) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 72.7 \\ (13.1,147.6) \end{gathered}$ |
| Indonesia | $\begin{gathered} 87 \\ (65,115) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 363 \\ (245,528) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.4) \end{gathered}$ | $\begin{gathered} 90.2 \\ (47.4,140.5) \end{gathered}$ |
| Lao People's <br> Democratic <br> Republic | $\begin{gathered} 2 \\ (1,2) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 6 \\ (4,8) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 63.5 \\ (15.7,134.3) \end{gathered}$ |
| Malaysia | $\begin{gathered} 7 \\ (6,9) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 35 \\ (26,45) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 80.1 \\ (30.9,144.8) \end{gathered}$ |
| Maldives | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.2,0.5) \end{gathered}$ | $\begin{gathered} 1 \\ (1,2) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.3,0.7) \end{gathered}$ | $\begin{gathered} 76.2 \\ (-22.8,178.5) \end{gathered}$ |
| Mauritius | $\begin{gathered} 1 \\ (0,2) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.4) \end{gathered}$ | $\begin{gathered} 5 \\ (2,9) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.1,0.6) \end{gathered}$ | $\begin{gathered} 66.2 \\ (5.0,152.2) \end{gathered}$ |
| Myanmar | $\begin{gathered} 24 \\ (15,34) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 76 \\ (57,102) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.2,0.3) \end{gathered}$ | $\begin{gathered} 47.6 \\ (4.6,105.4) \end{gathered}$ |
| Philippines | $\begin{gathered} 23 \\ (19,27) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 107 \\ (86,130) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 46.4 \\ (18.4,75.4) \end{gathered}$ |
| Seychelles | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.2,0.3) \end{gathered}$ | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.5) \end{gathered}$ | $\begin{gathered} 31.0 \\ (-4.1,79.2) \end{gathered}$ |
| Sri Lanka | $\begin{gathered} 7 \\ (5,11) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 31 \\ (21,42) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 55.7 \\ (-9.5,140.2) \end{gathered}$ |
| Thailand | $\begin{gathered} 17 \\ (13,21) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 81 \\ (56,106) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 11.9 \\ (-22.5,55.9) \end{gathered}$ |
| Timor-Leste | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 1 \\ (1,2) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 95.7 \\ (34.0,201.8) \end{gathered}$ |


| Viet Nam | $\begin{gathered} 56 \\ (41,73) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 193 \\ (140,252) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.3) \end{gathered}$ | $\begin{gathered} 55.3 \\ (4.3,119.9) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Oceania | $\begin{gathered} 2 \\ (2,4) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 9 \\ (7,13) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.2,0.3) \end{gathered}$ | $\begin{gathered} 47.8 \\ (10.3,92.8) \end{gathered}$ |
| American Samoa | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.2,0.3) \end{gathered}$ | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.3,0.4) \end{gathered}$ | $\begin{gathered} 61.7 \\ (18.0,116.1) \end{gathered}$ |
| Cook Islands | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.4) \end{gathered}$ | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.3,0.5) \end{gathered}$ | $\begin{gathered} 57.7 \\ (2.9,128.7) \end{gathered}$ |
| Fiji | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 1 \\ (1,1) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.2,0.3) \end{gathered}$ | $\begin{gathered} 66.4 \\ (-0.6,155.3) \end{gathered}$ |
| Guam | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.2,0.3) \end{gathered}$ | $\begin{gathered} 0 \\ (0,1) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.2,0.3) \end{gathered}$ | $\begin{gathered} 16.6 \\ (-22.7,62.8) \end{gathered}$ |
| Kiribati | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.4) \end{gathered}$ | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.5) \end{gathered}$ | $\begin{gathered} 15.9 \\ (-15.2,60.8) \end{gathered}$ |
| Marshall Islands | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.2,0.3) \end{gathered}$ | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.5) \end{gathered}$ | $\begin{gathered} 48.8 \\ (10.3,109.5) \end{gathered}$ |
| Micronesia (Federated States of) | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.2,0.4) \end{gathered}$ | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.3,0.5) \end{gathered}$ | $\begin{gathered} 70.1 \\ (17.7,142.8) \end{gathered}$ |
| Nauru | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.4) \end{gathered}$ | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.3,0.5) \end{gathered}$ | $\begin{gathered} 17.5 \\ (-13.3,54.7) \end{gathered}$ |
| Niue | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.2,0.4) \end{gathered}$ | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.3,0.5) \end{gathered}$ | $\begin{gathered} 52.3 \\ (10.3,111.3) \end{gathered}$ |
| Northern Mariana Islands | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.2,0.5) \end{gathered}$ | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.6 \\ (0.4,0.8) \end{gathered}$ | $\begin{gathered} 65.5 \\ (13.6,138.5) \end{gathered}$ |
| Palau | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.0,0.1) \end{gathered}$ | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 19.7 \\ (-21.2,81.8) \end{gathered}$ |
| Papua New Guinea | $\begin{gathered} 1 \\ (1,2) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 5 \\ (3,8) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 51.0 \\ (7.1,115.8) \end{gathered}$ |
| Samoa | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.2,0.4) \end{gathered}$ | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.4) \end{gathered}$ | $\begin{gathered} 28.1 \\ (-5.1,79.3) \end{gathered}$ |
| Solomon Islands | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 0 \\ (0,1) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.2,0.3) \end{gathered}$ | $\begin{gathered} 48.4 \\ (8.2,102.4) \end{gathered}$ |
| Tokelau | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.4) \end{gathered}$ | $\begin{gathered} 66.6 \\ (17.0,136.2) \end{gathered}$ |
| Tonga | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.4) \end{gathered}$ | $\begin{gathered} 51.2 \\ (12.3,108.1) \end{gathered}$ |
| Tuvalu | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.4) \end{gathered}$ | $\begin{gathered} 51.2 \\ (3.2,119.9) \end{gathered}$ |
| Vanuatu | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.2,0.4) \end{gathered}$ | $\begin{gathered} 87.9 \\ (22.2,182.9) \end{gathered}$ |
| Central Asia | $\begin{gathered} 45 \\ (22,78) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 101 \\ (52,181) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 71.8 \\ (28.2,116.7) \end{gathered}$ |


| Armenia | $\begin{gathered} 5 \\ (2,16) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.1,0.8) \end{gathered}$ | $\begin{gathered} 12 \\ (5,21) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.1,0.5) \end{gathered}$ | $\begin{gathered} 17.2 \\ (-56.0,119.1) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Azerbaijan | $\begin{gathered} 2 \\ (1,3) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.0,0.1) \end{gathered}$ | $\begin{gathered} 5 \\ (3,6) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 76.2 \\ (13.1,222.9) \end{gathered}$ |
| Georgia | $\begin{gathered} 5 \\ (3,11) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 376 \\ (172,667) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.4) \end{gathered}$ | $\begin{gathered} 62.7 \\ (8.2,348.0) \end{gathered}$ |
| Kazakhstan | $\begin{gathered} 10 \\ (5,19) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.0,0.2) \end{gathered}$ | $\begin{gathered} 22 \\ (11,42) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 64.7 \\ (19.8,118.5) \end{gathered}$ |
| Kyrgyzstan | $\begin{gathered} 10 \\ (5,18) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.6) \end{gathered}$ | $\begin{gathered} 19 \\ (9,38) \end{gathered}$ | $\begin{gathered} 0.5 \\ (0.2,1.1) \end{gathered}$ | $\begin{gathered} 55.5 \\ (1.2,93.2) \end{gathered}$ |
| Mongolia | $\begin{gathered} 1 \\ (0,1) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 1 \\ (1,2) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 33.4 \\ (0.4,86.1) \end{gathered}$ |
| Tajikistan | $\begin{gathered} 2 \\ (1,3) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.0,0.1) \end{gathered}$ | $\begin{gathered} 2 \\ (2,3) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 42.2 \\ (0.1,153.0) \end{gathered}$ |
| Turkmenistan | $\begin{gathered} 2 \\ (1,4) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 8 \\ (3,15) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.5) \end{gathered}$ | $\begin{gathered} 78.8 \\ (18.6,136.2) \end{gathered}$ |
| Uzbekistan | $\begin{gathered} 7 \\ (3,14) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.0,0.1) \end{gathered}$ | $\begin{gathered} 20 \\ (9,39) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 139.5 \\ (41.1,386.8) \end{gathered}$ |
| Central Europe | $\begin{gathered} 1851 \\ (895,3469) \end{gathered}$ | $\begin{gathered} 1.4 \\ (0.7,2.6) \end{gathered}$ | $\begin{gathered} 4004 \\ (1934,7372) \end{gathered}$ | $\begin{gathered} 1.8 \\ (0.9,3.3) \end{gathered}$ | $\begin{gathered} 25.5 \\ (-15.0,73.7) \end{gathered}$ |
| Albania | $\begin{gathered} 2 \\ (2,2) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 8 \\ (6,11) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 77.6 \\ (20.9,153.9) \end{gathered}$ |
| Bosnia and Herzegovina | $\begin{gathered} 7 \\ (6,9) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.2,0.3) \end{gathered}$ | $\begin{gathered} 25 \\ (19,33) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.3,0.6) \end{gathered}$ | $\begin{gathered} 80.0 \\ (32.2,150.7) \end{gathered}$ |
| Bulgaria | $\begin{gathered} 52 \\ (23,108) \end{gathered}$ | $\begin{gathered} 0.5 \\ (0.2,1.0) \end{gathered}$ | $\begin{gathered} 90 \\ (42,176) \end{gathered}$ | $\begin{gathered} 0.6 \\ (0.3,1.2) \end{gathered}$ | $\begin{gathered} 18.7 \\ (-13.5,73.4) \end{gathered}$ |
| Croatia | $\begin{gathered} 117 \\ (49,211) \end{gathered}$ | $\begin{gathered} 2.1 \\ (0.9,3.8) \end{gathered}$ | $\begin{gathered} 219 \\ (93,407) \end{gathered}$ | $\begin{gathered} 2.3 \\ (1.0,4.3) \end{gathered}$ | $\begin{gathered} 8.1 \\ (-23.2,46.7) \end{gathered}$ |
| Czechia | $\begin{gathered} 244 \\ (114,471) \end{gathered}$ | $\begin{gathered} 1.9 \\ (0.9,3.6) \end{gathered}$ | $\begin{gathered} 457 \\ (215,921) \end{gathered}$ | $\begin{gathered} 2.0 \\ (1.0,4.1) \end{gathered}$ | $\begin{gathered} 8.1 \\ (-31.1,56.7) \end{gathered}$ |
| Hungary | $\begin{gathered} 626 \\ (295,1138) \end{gathered}$ | $\begin{gathered} 4.6 \\ (2.2,8.4) \end{gathered}$ | $\begin{gathered} 1011 \\ (389,2162) \end{gathered}$ | $\begin{gathered} 4.9 \\ (1.9,10.4) \end{gathered}$ | $\begin{gathered} 5.6 \\ (-59.8,45.9) \end{gathered}$ |
| North Macedonia | $\begin{gathered} 4 \\ (3,5) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.4) \end{gathered}$ | $\begin{gathered} 7 \\ (5,9) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.4) \end{gathered}$ | $\begin{gathered} 4.4 \\ (-24.6,50.7) \end{gathered}$ |
| Montenegro | $\begin{gathered} 1 \\ (1,2) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.2,0.3) \end{gathered}$ | $\begin{gathered} 3 \\ (2,3) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.4) \end{gathered}$ | $\begin{gathered} 24.4 \\ (-7.6,71.6) \end{gathered}$ |
| Poland | $\begin{gathered} 356 \\ (71,719) \end{gathered}$ | $\begin{gathered} 0.9 \\ (0.2,1.8) \end{gathered}$ | $\begin{gathered} 1142 \\ (406,2649) \end{gathered}$ | $\begin{gathered} 1.5 \\ (0.5,3.5) \end{gathered}$ | $\begin{gathered} 69.4 \\ (-21.3,1,810.1) \end{gathered}$ |
| Romania | $\begin{gathered} 371 \\ (159,745) \end{gathered}$ | $\begin{gathered} 1.6 \\ (0.7,3.1) \end{gathered}$ | $\begin{gathered} 776 \\ (349,1514) \end{gathered}$ | $\begin{gathered} 1.9 \\ (0.9,3.8) \end{gathered}$ | $\begin{gathered} 23.4 \\ (-12.5,56.8) \end{gathered}$ |
| Serbia | $\begin{gathered} 29 \\ (23,44) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.5) \end{gathered}$ | $\begin{gathered} 138 \\ (94,180) \end{gathered}$ | $\begin{gathered} 0.9 \\ (0.6,1.2) \end{gathered}$ | $\begin{gathered} 201.2 \\ (65.5,348.3) \end{gathered}$ |


| Slovakia | $\begin{gathered} 14 \\ (12,21) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.4) \end{gathered}$ | $\begin{gathered} 93 \\ (54,125) \end{gathered}$ | $\begin{gathered} 1.0 \\ (0.6,1.4) \end{gathered}$ | $\begin{gathered} 292.8 \\ (95.3,478.3) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Slovenia | $\begin{gathered} 26 \\ (7,84) \end{gathered}$ | $\begin{gathered} 1.1 \\ (0.3,3.6) \end{gathered}$ | $\begin{gathered} 36 \\ (5,78) \end{gathered}$ | $\begin{gathered} 0.7 \\ (0.1,1.5) \end{gathered}$ | $\begin{gathered} -36.6 \\ (-97.6,64.9) \end{gathered}$ |
| Eastern Europe | $\begin{gathered} 6485 \\ (3026,11783) \end{gathered}$ | $\begin{gathered} 2.7 \\ (1.2,4.8) \end{gathered}$ | $\begin{gathered} 12331 \\ (5956,23564) \end{gathered}$ | $\begin{gathered} 3.5 \\ (1.7,6.7) \end{gathered}$ | $\begin{gathered} 31.6 \\ (-7.4,63.5) \end{gathered}$ |
| Belarus | $\begin{gathered} 76 \\ (31,142) \end{gathered}$ | $\begin{gathered} 0.6 \\ (0.3,1.2) \end{gathered}$ | $\begin{gathered} 175 \\ (67,376) \end{gathered}$ | $\begin{gathered} 1.1 \\ (0.4,2.3) \end{gathered}$ | $\begin{gathered} 69.9 \\ (13.5,131.7) \end{gathered}$ |
| Estonia | $\begin{gathered} 2 \\ (1,4) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 7 \\ (3,15) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.4) \end{gathered}$ | $\begin{gathered} 92.9 \\ (-1.6,535.3) \end{gathered}$ |
| Latvia | $\begin{gathered} 8 \\ (3,17) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.5) \end{gathered}$ | $\begin{gathered} 30 \\ (8,94) \end{gathered}$ | $\begin{gathered} 0.6 \\ (0.2,2.1) \end{gathered}$ | $\begin{gathered} 161.3 \\ (9.8,2,368.9) \end{gathered}$ |
| Lithuania | $\begin{gathered} 35 \\ (15,70) \end{gathered}$ | $\begin{gathered} 0.8 \\ (0.3,1.6) \end{gathered}$ | $\begin{gathered} 88 \\ (38,161) \end{gathered}$ | $\begin{gathered} 1.3 \\ (0.6,2.4) \end{gathered}$ | $\begin{gathered} 66.7 \\ (10.6,448.5) \end{gathered}$ |
| Republic of Moldova | $\begin{gathered} 11 \\ (3,22) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.1,0.6) \end{gathered}$ | $\begin{gathered} 34 \\ (14,76) \end{gathered}$ | $\begin{gathered} 0.6 \\ (0.2,1.3) \end{gathered}$ | $\begin{gathered} 84.3 \\ (-7.6,1,403.3) \end{gathered}$ |
| Russian Federation | $\begin{gathered} 4468 \\ (2023,8076) \end{gathered}$ | $\begin{gathered} 2.9 \\ (1.3,5.2) \end{gathered}$ | $\begin{gathered} 9052 \\ (4413,17633) \end{gathered}$ | $\begin{gathered} 3.8 \\ (1.9,7.4) \end{gathered}$ | $\begin{gathered} 31.4 \\ (-21.3,76.1) \end{gathered}$ |
| Ukraine | $\begin{gathered} 1884 \\ (904,3575) \end{gathered}$ | $\begin{gathered} 3.0 \\ (1.4,5.5) \end{gathered}$ | $\begin{gathered} 2945 \\ (1405,5400) \end{gathered}$ | $\begin{gathered} 3.8 \\ (1.8,7.0) \end{gathered}$ | $\begin{gathered} 27.2 \\ (2.4,55.5) \end{gathered}$ |
| High-income Asia Pacific | $\begin{gathered} 377 \\ (213,663) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.4) \end{gathered}$ | $\begin{gathered} 1282 \\ (651,2114) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.4) \end{gathered}$ | $\begin{gathered} -7.6 \\ (-38.9,37.3) \end{gathered}$ |
| Brunei Darussalam | $\begin{gathered} 0 \\ (0,1) \end{gathered}$ | $\begin{gathered} 1.0 \\ (0.7,1.3) \end{gathered}$ | $\begin{gathered} 2 \\ (1,2) \end{gathered}$ | $\begin{gathered} 1.2 \\ (0.9,1.5) \end{gathered}$ | $\begin{gathered} 25.8 \\ (-12.4,75.8) \end{gathered}$ |
| Japan | $\begin{gathered} 296 \\ (139,580) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.4) \end{gathered}$ | $\begin{gathered} 1044 \\ (429,1853) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.4) \end{gathered}$ | $\begin{gathered} -2.6 \\ (-39.1,53.0) \end{gathered}$ |
| Republic of Korea | $\begin{gathered} 75 \\ (60,95) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.3,0.5) \end{gathered}$ | $\begin{gathered} 205 \\ (163,249) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.3) \end{gathered}$ | $\begin{gathered} -33.8 \\ (-53.1,-13.3) \end{gathered}$ |
| Singapore | $\begin{gathered} 5 \\ (2,10) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.7) \end{gathered}$ | $\begin{gathered} 31 \\ (10,70) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.1,1.0) \end{gathered}$ | $\begin{gathered} 28.9 \\ (-41.5,410.0) \end{gathered}$ |
| Australasia | $\begin{gathered} 454 \\ (207,787) \end{gathered}$ | $\begin{gathered} 2.2 \\ (1.0,3.8) \end{gathered}$ | $\begin{gathered} 1455 \\ (697,2744) \end{gathered}$ | $\begin{gathered} 2.5 \\ (1.2,4.7) \end{gathered}$ | $\begin{gathered} 14.0 \\ (-40.3,50.8) \end{gathered}$ |
| Australia | $\begin{gathered} 387 \\ (175,671) \end{gathered}$ | $\begin{gathered} 2.2 \\ (1.0,3.9) \end{gathered}$ | $\begin{gathered} 1259 \\ (598,2360) \end{gathered}$ | $\begin{gathered} 2.5 \\ (1.2,4.8) \end{gathered}$ | $\begin{gathered} 13.4 \\ (-41.7,50.7) \end{gathered}$ |
| New Zealand | $\begin{gathered} 67 \\ (31,116) \end{gathered}$ | $\begin{gathered} 1.9 \\ (0.9,3.2) \end{gathered}$ | $\begin{gathered} 196 \\ (94,373) \end{gathered}$ | $\begin{gathered} 2.2 \\ (1.0,4.1) \end{gathered}$ | $\begin{gathered} 15.9 \\ (-32.7,50.8) \end{gathered}$ |
| Western Europe | $\begin{gathered} 9953 \\ (4791,18686) \end{gathered}$ | $\begin{gathered} 1.7 \\ (0.8,3.2) \end{gathered}$ | $\begin{gathered} 21922 \\ (10276,40349) \end{gathered}$ | $\begin{gathered} 1.9 \\ (0.9,3.5) \end{gathered}$ | $\begin{gathered} 11.0 \\ (-20.5,32.6) \end{gathered}$ |
| Andorra | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.9 \\ (0.6,1.3) \end{gathered}$ | $\begin{gathered} 3 \\ (2,4) \end{gathered}$ | $\begin{gathered} 1.7 \\ (1.0,2.5) \end{gathered}$ | $\begin{gathered} 102.0 \\ (16.0,216.3) \end{gathered}$ |
| Austria | $\begin{gathered} 332 \\ (156,606) \end{gathered}$ | $\begin{gathered} 2.8 \\ (1.3,5.0) \end{gathered}$ | $\begin{gathered} 732 \\ (351,1394) \end{gathered}$ | $\begin{gathered} 3.3 \\ (1.6,6.4) \end{gathered}$ | $\begin{gathered} 19.3 \\ (-18.4,53.6) \end{gathered}$ |


| Belgium | $\begin{gathered} 149 \\ (72,276) \end{gathered}$ | $\begin{gathered} 1.0 \\ (0.5,1.8) \end{gathered}$ | $\begin{gathered} 329 \\ (153,627) \end{gathered}$ | $\begin{gathered} 1.1 \\ (0.5,2.1) \end{gathered}$ | $\begin{gathered} 15.8 \\ (-15.1,41.1) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Cyprus | $\begin{gathered} 5 \\ (3,7) \end{gathered}$ | $\begin{gathered} 1.0 \\ (0.5,1.5) \end{gathered}$ | $\begin{gathered} 20 \\ (12,25) \end{gathered}$ | $\begin{gathered} 1.3 \\ (0.7,1.6) \end{gathered}$ | $\begin{gathered} 32.4 \\ (-13.2,104.8) \end{gathered}$ |
| Denmark | $\begin{gathered} 207 \\ (98,372) \end{gathered}$ | $\begin{gathered} 2.4 \\ (1.1,4.2) \end{gathered}$ | $\begin{gathered} 345 \\ (164,643) \end{gathered}$ | $\begin{gathered} 2.6 \\ (1.2,4.8) \end{gathered}$ | $\begin{gathered} 9.0 \\ (-33.8,38.4) \end{gathered}$ |
| Finland | $\begin{gathered} 76 \\ (30,136) \end{gathered}$ | $\begin{gathered} 1.1 \\ (0.4,2.0) \end{gathered}$ | $\begin{gathered} 207 \\ (84,371) \end{gathered}$ | $\begin{gathered} 1.3 \\ (0.5,2.4) \end{gathered}$ | $\begin{gathered} 19.8 \\ (-15.2,53.1) \end{gathered}$ |
| France | $\begin{gathered} 594 \\ (289,1148) \end{gathered}$ | $\begin{gathered} 0.7 \\ (0.3,1.3) \end{gathered}$ | $\begin{gathered} 1250 \\ (546,2376) \end{gathered}$ | $\begin{gathered} 0.7 \\ (0.3,1.3) \end{gathered}$ | $\begin{gathered} -1.3 \\ (-30.4,41.4) \end{gathered}$ |
| Germany | $\begin{gathered} 3607 \\ (1549,7082) \end{gathered}$ | $\begin{gathered} 2.8 \\ (1.2,5.4) \end{gathered}$ | $\begin{gathered} 7750 \\ (3791,14300) \end{gathered}$ | $\begin{gathered} 3.3 \\ (1.6,6.2) \end{gathered}$ | $\begin{gathered} 18.9 \\ (-18.9,139.2) \end{gathered}$ |
| Greece | $\begin{gathered} 47 \\ (21,84) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.6) \end{gathered}$ | $\begin{gathered} 119 \\ (53,212) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.2,0.7) \end{gathered}$ | $\begin{gathered} 5.8 \\ (-19.5,27.8) \end{gathered}$ |
| Iceland | $\begin{gathered} 2 \\ (1,3) \end{gathered}$ | $\begin{gathered} 0.6 \\ (0.3,1.0) \end{gathered}$ | $\begin{gathered} 4 \\ (2,8) \end{gathered}$ | $\begin{gathered} 0.6 \\ (0.3,1.1) \end{gathered}$ | $\begin{gathered} 4.3 \\ (-28.4,28.6) \end{gathered}$ |
| Ireland | $\begin{gathered} 110 \\ (50,195) \end{gathered}$ | $\begin{gathered} 3.0 \\ (1.4,5.3) \end{gathered}$ | $\begin{gathered} 246 \\ (116,482) \end{gathered}$ | $\begin{gathered} 3.1 \\ (1.5,6.1) \end{gathered}$ | $\begin{gathered} 3.7 \\ (-50.4,38.1) \end{gathered}$ |
| Israel | $\begin{gathered} 90 \\ (42,172) \end{gathered}$ | $\begin{gathered} 2.1 \\ (1.0,4.1) \end{gathered}$ | $\begin{gathered} 333 \\ (163,602) \end{gathered}$ | $\begin{gathered} 2.5 \\ (1.3,4.6) \end{gathered}$ | $\begin{gathered} 18.5 \\ (-12.6,67.8) \end{gathered}$ |
| Italy | $\begin{gathered} 1736 \\ (799,3135) \end{gathered}$ | $\begin{gathered} 2.0 \\ (0.9,3.7) \end{gathered}$ | $\begin{gathered} 3615 \\ (1699,6909) \end{gathered}$ | $\begin{gathered} 1.9 \\ (0.9,3.7) \end{gathered}$ | $\begin{gathered} -7.3 \\ (-44.6,19.4) \end{gathered}$ |
| Luxembourg | $\begin{gathered} 5 \\ (2,9) \end{gathered}$ | $\begin{gathered} 1.0 \\ (0.5,1.8) \end{gathered}$ | $\begin{gathered} 13 \\ (6,25) \end{gathered}$ | $\begin{gathered} 1.1 \\ (0.5,2.2) \end{gathered}$ | $\begin{gathered} 10.4 \\ (-31.4,45.1) \end{gathered}$ |
| Malta | $\begin{gathered} 7 \\ (3,13) \end{gathered}$ | $\begin{gathered} 1.9 \\ (0.9,3.5) \end{gathered}$ | $\begin{gathered} 22 \\ (10,43) \end{gathered}$ | $\begin{gathered} 2.1 \\ (1.0,4.1) \end{gathered}$ | $\begin{gathered} 13.2 \\ (-21.8,40.4) \end{gathered}$ |
| Monaco | $\begin{gathered} 1 \\ (0,1) \end{gathered}$ | $\begin{gathered} 0.6 \\ (0.5,0.9) \end{gathered}$ | $\begin{gathered} 1 \\ (1,1) \end{gathered}$ | $\begin{gathered} 0.7 \\ (0.6,1.0) \end{gathered}$ | $\begin{gathered} 14.3 \\ (-13.5,53.0) \end{gathered}$ |
| Netherlands | $\begin{gathered} 573 \\ (278,1041) \end{gathered}$ | $\begin{gathered} 2.8 \\ (1.4,5.1) \end{gathered}$ | $\begin{gathered} 1205 \\ (578,2197) \end{gathered}$ | $\begin{gathered} 3.1 \\ (1.5,5.7) \end{gathered}$ | $\begin{gathered} 9.8 \\ (-11.1,26.8) \end{gathered}$ |
| Norway | $\begin{gathered} 100 \\ (41,174) \end{gathered}$ | $\begin{gathered} 1.3 \\ (0.5,2.3) \end{gathered}$ | $\begin{gathered} 158 \\ (74,297) \end{gathered}$ | $\begin{gathered} 1.4 \\ (0.6,2.6) \end{gathered}$ | $\begin{gathered} 3.8 \\ (-47.0,33.3) \end{gathered}$ |
| Portugal | $\begin{gathered} 279 \\ (123,485) \end{gathered}$ | $\begin{gathered} 2.4 \\ (1.1,4.2) \end{gathered}$ | $\begin{gathered} 776 \\ (362,1439) \end{gathered}$ | $\begin{gathered} 2.5 \\ (1.2,4.8) \end{gathered}$ | $\begin{gathered} 6.7 \\ (-28.1,42.7) \end{gathered}$ |
| Spain | $\begin{gathered} 717 \\ (330,1309) \end{gathered}$ | $\begin{gathered} 1.4 \\ (0.6,2.5) \end{gathered}$ | $\begin{gathered} 1890 \\ (885,3505) \end{gathered}$ | $\begin{gathered} 1.5 \\ (0.7,2.8) \end{gathered}$ | $\begin{gathered} 6.6 \\ (-19.2,34.8) \end{gathered}$ |
| Sweden | $\begin{gathered} 176 \\ (68,364) \end{gathered}$ | $\begin{gathered} 1.0 \\ (0.4,2.1) \end{gathered}$ | $\begin{gathered} 296 \\ (135,544) \end{gathered}$ | $\begin{gathered} 1.1 \\ (0.5,2.0) \end{gathered}$ | $\begin{gathered} 2.8 \\ (-47.3,41.0) \end{gathered}$ |
| Switzerland | $\begin{gathered} 152 \\ (67,269) \end{gathered}$ | $\begin{gathered} 1.3 \\ (0.6,2.4) \end{gathered}$ | $\begin{gathered} 309 \\ (151,574) \end{gathered}$ | $\begin{gathered} 1.4 \\ (0.7,2.6) \end{gathered}$ | $\begin{gathered} 2.4 \\ (-37.2,32.3) \end{gathered}$ |
| United Kingdom | $\begin{gathered} 980 \\ (337,1950) \end{gathered}$ | $\begin{gathered} 1.1 \\ (0.4,2.1) \end{gathered}$ | $\begin{gathered} 2280 \\ (948,3973) \end{gathered}$ | $\begin{gathered} 1.5 \\ (0.6,2.6) \end{gathered}$ | $\begin{gathered} 41.9 \\ (-12.4,510.2) \end{gathered}$ |


| Southern Latin America | $\begin{gathered} 163 \\ (75,305) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.2,0.8) \end{gathered}$ | $\begin{gathered} 553 \\ (263,1038) \end{gathered}$ | $\begin{gathered} 0.6 \\ (0.3,1.2) \end{gathered}$ | $\begin{gathered} 54.9 \\ (14.2,89.0) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Argentina | $\begin{gathered} 100 \\ (46,189) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.2,0.7) \end{gathered}$ | $\begin{gathered} 257 \\ (124,504) \end{gathered}$ | $\begin{gathered} 0.5 \\ (0.2,0.9) \end{gathered}$ | $\begin{gathered} 28.2 \\ (-4.5,51.3) \end{gathered}$ |
| Chile | $\begin{gathered} 60 \\ (27,112) \end{gathered}$ | $\begin{gathered} 0.8 \\ (0.3,1.4) \end{gathered}$ | $\begin{gathered} 288 \\ (137,537) \end{gathered}$ | $\begin{gathered} 1.2 \\ (0.6,2.2) \end{gathered}$ | $\begin{gathered} 55.9 \\ (7.0,109.3) \end{gathered}$ |
| Uruguay | $\begin{gathered} 3 \\ (2,6) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.0,0.2) \end{gathered}$ | $\begin{gathered} 7 \\ (4,14) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 24.1 \\ (-36.0,50.0) \end{gathered}$ |
| High-income North America | $\begin{gathered} 6264 \\ (3052,11559) \end{gathered}$ | $\begin{gathered} 1.7 \\ (0.8,3.1) \end{gathered}$ | $\begin{gathered} 15958 \\ (7777,29844) \end{gathered}$ | $\begin{gathered} 2.2 \\ (1.1,4.2) \end{gathered}$ | $\begin{gathered} 30.9 \\ (5.6,50.7) \end{gathered}$ |
| Canada | $\begin{gathered} 506 \\ (232,889) \end{gathered}$ | $\begin{gathered} 1.6 \\ (0.7,2.9) \end{gathered}$ | $\begin{gathered} 1429 \\ (694,2679) \end{gathered}$ | $\begin{gathered} 1.8 \\ (0.9,3.4) \end{gathered}$ | $\begin{gathered} 12.0 \\ (-29.1,41.1) \end{gathered}$ |
| United States of America | $\begin{gathered} 5757 \\ (2792,10694) \end{gathered}$ | $\begin{gathered} 1.7 \\ (0.8,3.2) \end{gathered}$ | $\begin{gathered} 14527 \\ (6980,27189) \end{gathered}$ | $\begin{gathered} 2.3 \\ (1.1,4.3) \end{gathered}$ | $\begin{gathered} 33.2 \\ (6.7,53.9) \end{gathered}$ |
| Greenland | $\begin{gathered} 1 \\ (1,1) \end{gathered}$ | $\begin{gathered} 3.1 \\ (2.5,4.0) \end{gathered}$ | $\begin{gathered} 1 \\ (1,2) \end{gathered}$ | $\begin{gathered} 2.5 \\ (1.9,3.2) \end{gathered}$ | $\begin{gathered} -21.1 \\ (-39.8,3.0) \end{gathered}$ |
| Caribbean | $\begin{gathered} 361 \\ (189,663) \end{gathered}$ | $\begin{gathered} 1.6 \\ (0.8,2.9) \end{gathered}$ | $\begin{gathered} 1024 \\ (537,1803) \end{gathered}$ | $\begin{gathered} 1.9 \\ (1.0,3.4) \end{gathered}$ | $\begin{gathered} 20.8 \\ (-17.0,48.0) \end{gathered}$ |
| Antigua and Barbuda | $\begin{gathered} 1 \\ (0,2) \end{gathered}$ | $\begin{gathered} 1.6 \\ (0.8,3.0) \end{gathered}$ | $\begin{gathered} 2 \\ (1,4) \end{gathered}$ | $\begin{gathered} 2.3 \\ (1.1,4.4) \end{gathered}$ | $\begin{gathered} 46.1 \\ (5.9,95.7) \end{gathered}$ |
| Bahamas | $\begin{gathered} 3 \\ (1,5) \end{gathered}$ | $\begin{gathered} 2.3 \\ (1.1,4.3) \end{gathered}$ | $\begin{gathered} 9 \\ (4,17) \end{gathered}$ | $\begin{gathered} 2.8 \\ (1.3,5.3) \end{gathered}$ | $\begin{gathered} 21.5 \\ (-11.7,53.1) \end{gathered}$ |
| Barbados | $\begin{gathered} 17 \\ (8,32) \end{gathered}$ | $\begin{gathered} 5.8 \\ (2.8,10.8) \end{gathered}$ | $\begin{gathered} 35 \\ (16,64) \end{gathered}$ | $\begin{gathered} 7.1 \\ (3.4,13.2) \end{gathered}$ | $\begin{gathered} 23.2 \\ (-11.8,53.2) \end{gathered}$ |
| Belize | $\begin{gathered} 0 \\ (0,1) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.2,0.8) \end{gathered}$ | $\begin{gathered} 1 \\ (1,3) \end{gathered}$ | $\begin{gathered} 0.6 \\ (0.3,1.1) \end{gathered}$ | $\begin{gathered} 50.9 \\ (-5.5,106.5) \end{gathered}$ |
| Bermuda | $\begin{gathered} 2 \\ (1,4) \end{gathered}$ | $\begin{gathered} 3.7 \\ (1.7,7.2) \end{gathered}$ | $\begin{gathered} 5 \\ (3,10) \end{gathered}$ | $\begin{gathered} 3.7 \\ (1.8,6.7) \end{gathered}$ | $\begin{gathered} 0.1 \\ (-34.6,42.8) \end{gathered}$ |
| Cuba | $\begin{gathered} 205 \\ (96,402) \end{gathered}$ | $\begin{gathered} 2.1 \\ (1.0,4.2) \end{gathered}$ | $\begin{gathered} 577 \\ (265,1055) \end{gathered}$ | $\begin{gathered} 2.8 \\ (1.3,5.1) \end{gathered}$ | $\begin{gathered} 29.8 \\ (-17.4,78.7) \end{gathered}$ |
| Dominica | $\begin{gathered} 1 \\ (1,1) \end{gathered}$ | $\begin{gathered} 1.3 \\ (1.0,1.6) \end{gathered}$ | $\begin{gathered} 2 \\ (1,2) \end{gathered}$ | $\begin{gathered} 1.8 \\ (1.4,2.3) \end{gathered}$ | $\begin{gathered} 37.7 \\ (5.0,80.2) \end{gathered}$ |
| Dominican Republic | $\begin{gathered} 6 \\ (4,7) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 28 \\ (19,38) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.5) \end{gathered}$ | $\begin{gathered} 70.0 \\ (26.3,128.8) \end{gathered}$ |
| Grenada | $\begin{gathered} 2 \\ (1,3) \end{gathered}$ | $\begin{gathered} 2.0 \\ (0.9,3.9) \end{gathered}$ | $\begin{gathered} 3 \\ (1,5) \end{gathered}$ | $\begin{gathered} 3.0 \\ (1.4,5.6) \end{gathered}$ | $\begin{gathered} 53.1 \\ (-6.8,109.4) \end{gathered}$ |
| Guyana | $\begin{gathered} 2 \\ (1,4) \end{gathered}$ | $\begin{gathered} 0.7 \\ (0.3,1.4) \end{gathered}$ | $\begin{gathered} 5 \\ (2,10) \end{gathered}$ | $\begin{gathered} 1.1 \\ (0.5,2.1) \end{gathered}$ | $\begin{gathered} 50.9 \\ (-3.5,148.6) \end{gathered}$ |
| Haiti | $\begin{gathered} 25 \\ (16,40) \end{gathered}$ | $\begin{gathered} 1.2 \\ (0.7,1.9) \end{gathered}$ | $\begin{gathered} 58 \\ (37,94) \end{gathered}$ | $\begin{gathered} 1.2 \\ (0.8,2.0) \end{gathered}$ | $\begin{gathered} 0.8 \\ (-32.0,48.9) \end{gathered}$ |
| Jamaica | $\begin{gathered} 28 \\ (11,59) \end{gathered}$ | $\begin{gathered} 1.5 \\ (0.6,3.2) \end{gathered}$ | $\begin{gathered} 74 \\ (32,138) \end{gathered}$ | $\begin{gathered} 2.2 \\ (0.9,4.2) \end{gathered}$ | $\begin{gathered} 40.5 \\ (-19.8,106.4) \end{gathered}$ |


| Puerto Rico | $\begin{gathered} 48 \\ (23,89) \end{gathered}$ | $\begin{gathered} 1.4 \\ (0.7,2.7) \end{gathered}$ | $\begin{gathered} 160 \\ (73,312) \end{gathered}$ | $\begin{gathered} 1.8 \\ (0.8,3.6) \end{gathered}$ | $\begin{gathered} 23.8 \\ (-21.1,69.6) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Saint Kitts and Nevis | $\begin{gathered} 1 \\ (1,2) \end{gathered}$ | $\begin{gathered} 3.9 \\ (1.8,7.9) \end{gathered}$ | $\begin{gathered} 2 \\ (1,5) \end{gathered}$ | $\begin{gathered} 5.1 \\ (2.4,9.9) \end{gathered}$ | $\begin{gathered} 30.0 \\ (-24.1,70.5) \end{gathered}$ |
| Saint Lucia | $\begin{gathered} 2 \\ (1,4) \end{gathered}$ | $\begin{gathered} 3.2 \\ (1.5,6.1) \end{gathered}$ | $\begin{gathered} 8 \\ (4,14) \end{gathered}$ | $\begin{gathered} 3.9 \\ (1.9,7.4) \end{gathered}$ | $\begin{gathered} 20.4 \\ (-27.7,50.4) \end{gathered}$ |
| Saint Vincent and the Grenadines | $\begin{gathered} 1 \\ (0,1) \end{gathered}$ | $\begin{gathered} 1.3 \\ (0.6,2.3) \end{gathered}$ | $\begin{gathered} 2 \\ (1,4) \end{gathered}$ | $\begin{gathered} 1.8 \\ (0.8,3.3) \end{gathered}$ | $\begin{gathered} 37.4 \\ (-10.8,98.4) \end{gathered}$ |
| Suriname | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 1 \\ (1,1) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.2,0.3) \end{gathered}$ | $\begin{gathered} 27.7 \\ (-3.0,64.9) \end{gathered}$ |
| Trinidad and Tobago | $\begin{gathered} 4 \\ (2,8) \end{gathered}$ | $\begin{gathered} 0.6 \\ (0.2,1.5) \end{gathered}$ | $\begin{gathered} 12 \\ (5,23) \end{gathered}$ | $\begin{gathered} 0.7 \\ (0.3,1.3) \end{gathered}$ | $\begin{gathered} 12.1 \\ (-35.1,72.0) \end{gathered}$ |
| United States Virgin Islands | $\begin{gathered} 1 \\ (1,2) \end{gathered}$ | $\begin{gathered} 2.4 \\ (1.9,3.4) \end{gathered}$ | $\begin{gathered} 6 \\ (5,8) \end{gathered}$ | $\begin{gathered} 3.6 \\ (2.8,5.0) \end{gathered}$ | $\begin{gathered} 49.1 \\ (12.3,94.7) \end{gathered}$ |
| Andean Latin America | $\begin{gathered} 18 \\ (13,22) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 71 \\ (52,89) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 19.6 \\ (-8.6,58.1) \end{gathered}$ |
| Bolivia (Plurinational State of) | $\begin{gathered} 3 \\ (2,4) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 13 \\ (8,18) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 56.9 \\ (9.4,122.2) \end{gathered}$ |
| Ecuador | $\begin{gathered} 3 \\ (3,4) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 19 \\ (14,25) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 100.4 \\ (48.2,171.4) \end{gathered}$ |
| Peru | $\begin{gathered} 12 \\ (8,15) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 39 \\ (27,54) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} -3.9 \\ (-33.5,44.0) \end{gathered}$ |
| Central Latin America | $\begin{gathered} 344 \\ (165,622) \end{gathered}$ | $\begin{gathered} 0.6 \\ (0.3,1.0) \end{gathered}$ | $\begin{gathered} 1298 \\ (632,2562) \end{gathered}$ | $\begin{gathered} 0.6 \\ (0.3,1.2) \end{gathered}$ | $\begin{gathered} 6.5 \\ (-36.6,46.1) \end{gathered}$ |
| Colombia | $\begin{gathered} 63 \\ (28,112) \end{gathered}$ | $\begin{gathered} 0.5 \\ (0.2,0.9) \end{gathered}$ | $\begin{gathered} 307 \\ (133,639) \end{gathered}$ | $\begin{gathered} 0.5 \\ (0.2,1.1) \end{gathered}$ | $\begin{gathered} 11.4 \\ (-40.9,68.3) \end{gathered}$ |
| Costa Rica | $\begin{gathered} 4 \\ (2,8) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.1,0.5) \end{gathered}$ | $\begin{gathered} 20 \\ (9,39) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.2,0.7) \end{gathered}$ | $\begin{gathered} 33.3 \\ (-12.5,79.3) \end{gathered}$ |
| El Salvador | $\begin{gathered} 2 \\ (1,2) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 7 \\ (4,9) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 38.9 \\ (1.2,87.3) \end{gathered}$ |
| Guatemala | $\begin{gathered} 2 \\ (1,3) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.0,0.2) \end{gathered}$ | $\begin{gathered} 9 \\ (4,17) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.0,0.2) \end{gathered}$ | $\begin{gathered} 24.4 \\ (-25.7,97.3) \end{gathered}$ |
| Honduras | $\begin{gathered} 6 \\ (3,10) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.2,0.7) \end{gathered}$ | $\begin{gathered} 20 \\ (12,28) \end{gathered}$ | $\begin{gathered} 0.5 \\ (0.3,0.7) \end{gathered}$ | $\begin{gathered} 24.3 \\ (-13.1,87.3) \end{gathered}$ |
| Mexico | $\begin{gathered} 226 \\ (106,411) \end{gathered}$ | $\begin{gathered} 0.7 \\ (0.3,1.3) \end{gathered}$ | $\begin{gathered} 759 \\ (348,1545) \end{gathered}$ | $\begin{gathered} 0.7 \\ (0.3,1.5) \end{gathered}$ | $\begin{gathered} 1.6 \\ (-42.3,46.3) \end{gathered}$ |
| Nicaragua | $\begin{gathered} 1 \\ (1,1) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 6 \\ (4,7) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 100.9 \\ (56.7,156.1) \end{gathered}$ |
| Panama | $\begin{gathered} 11 \\ (5,21) \end{gathered}$ | $\begin{gathered} 0.8 \\ (0.3,1.6) \end{gathered}$ | $\begin{gathered} 47 \\ (21,93) \end{gathered}$ | $\begin{gathered} 1.1 \\ (0.5,2.1) \end{gathered}$ | $\begin{gathered} 29.5 \\ (-31.5,85.6) \end{gathered}$ |
| Venezuela <br> (Bolivarian <br> Republic of) | $\begin{gathered} 30 \\ (14,56) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.2,0.8) \end{gathered}$ | $\begin{gathered} 124 \\ (56,251) \end{gathered}$ | $\begin{gathered} 0.5 \\ (0.2,0.9) \end{gathered}$ | $\begin{gathered} 14.6 \\ (-22.9,54.7) \end{gathered}$ |


| Tropical Latin America | $\begin{gathered} 731 \\ (331,1340) \end{gathered}$ | $\begin{gathered} 1.1 \\ (0.5,1.9) \end{gathered}$ | $\begin{gathered} 2794 \\ (1281,5177) \end{gathered}$ | $\begin{gathered} 1.2 \\ (0.6,2.3) \end{gathered}$ | $\begin{gathered} 15.5 \\ (-16.7,52.1) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Brazil | $\begin{gathered} 727 \\ (327,1336) \end{gathered}$ | $\begin{gathered} 1.1 \\ (0.5,2.0) \end{gathered}$ | $\begin{gathered} 2770 \\ (1257,5156) \end{gathered}$ | $\begin{gathered} 1.3 \\ (0.6,2.3) \end{gathered}$ | $\begin{gathered} 13.9 \\ (-18.4,50.1) \end{gathered}$ |
| Paraguay | $\begin{gathered} 3 \\ (2,4) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 24 \\ (16,32) \end{gathered}$ | $\begin{gathered} 0.5 \\ (0.3,0.6) \end{gathered}$ | $\begin{gathered} 160.9 \\ (76.4,263.9) \end{gathered}$ |
| North Africa and Middle East | $\begin{gathered} 395 \\ (303,537) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.5) \end{gathered}$ | $\begin{gathered} 1339 \\ (1093,1831) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.3,0.6) \end{gathered}$ | $\begin{gathered} 28.7 \\ (-2.3,66.2) \end{gathered}$ |
| Afghanistan | $\begin{gathered} 4 \\ (2,6) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.0,0.1) \end{gathered}$ | $\begin{gathered} 10 \\ (6,15) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 66.2 \\ (15.0,141.1) \end{gathered}$ |
| Algeria | $\begin{gathered} 14 \\ (8,22) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 76 \\ (47,116) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.5) \end{gathered}$ | $\begin{gathered} 57.8 \\ (11.7,130.2) \end{gathered}$ |
| Bahrain | $\begin{gathered} 1 \\ (1,2) \end{gathered}$ | $\begin{gathered} 1.2 \\ (0.9,1.5) \end{gathered}$ | $\begin{gathered} 7 \\ (5,9) \end{gathered}$ | $\begin{gathered} 1.5 \\ (1.1,1.9) \end{gathered}$ | $\begin{gathered} 26.2 \\ (-12.2,76.4) \end{gathered}$ |
| Egypt | $\begin{gathered} 17 \\ (13,26) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 74 \\ (50,108) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 101.6 \\ (43.3,186.0) \end{gathered}$ |
| Iran (Islamic Republic of) | $\begin{gathered} 16 \\ (12,23) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 171 \\ (123,197) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.3) \end{gathered}$ | $\begin{gathered} 153.3 \\ (45.0,280.4) \end{gathered}$ |
| Iraq | $\begin{gathered} 6 \\ (4,11) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 20 \\ (15,32) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 20.3 \\ (-17.4,86.9) \end{gathered}$ |
| Jordan | $\begin{gathered} 1 \\ (1,1) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 4 \\ (3,5) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 20.5 \\ (-13.3,60.1) \end{gathered}$ |
| Kuwait | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.0,0.1) \end{gathered}$ | $\begin{gathered} 2 \\ (1,4) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 54.7 \\ (-4.5,127.3) \end{gathered}$ |
| Lebanon | $\begin{gathered} 2 \\ (1,3) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 13 \\ (8,17) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.3) \end{gathered}$ | $\begin{gathered} 75.7 \\ (7.1,175.7) \end{gathered}$ |
| Libya | $\begin{gathered} 1 \\ (1,2) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 7 \\ (4,9) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 98.4 \\ (25.4,209.8) \end{gathered}$ |
| Morocco | $\begin{gathered} 9 \\ (6,13) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 52 \\ (35,70) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.2,0.3) \end{gathered}$ | $\begin{gathered} 133.6 \\ (61.2,223.8) \end{gathered}$ |
| Palestine | $\begin{gathered} 0 \\ (0,1) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.0,0.1) \end{gathered}$ | $\begin{gathered} 1 \\ (1,2) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 35.3 \\ (-6.4,119.3) \end{gathered}$ |
| Oman | $\begin{gathered} 1 \\ (0,1) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 3 \\ (2,5) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.2,0.6) \end{gathered}$ | $\begin{gathered} 126.9 \\ (54.9,253.7) \end{gathered}$ |
| Qatar | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.5 \\ (0.3,0.8) \end{gathered}$ | $\begin{gathered} 1 \\ (1,2) \end{gathered}$ | $\begin{gathered} 1.3 \\ (0.8,1.8) \end{gathered}$ | $\begin{gathered} 136.1 \\ (53.8,311.2) \end{gathered}$ |
| Saudi Arabia | $\begin{gathered} 3 \\ (2,3) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.0,0.1) \end{gathered}$ | $\begin{gathered} 8 \\ (6,10) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 43.0 \\ (-8.8,164.2) \end{gathered}$ |
| Sudan | $\begin{gathered} 6 \\ (3,9) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.0,0.1) \end{gathered}$ | $\begin{gathered} 25 \\ (15,37) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 103.7 \\ (36.7,199.1) \end{gathered}$ |
| Syrian Arab Republic | $\begin{gathered} 3 \\ (2,3) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.0,0.1) \end{gathered}$ | $\begin{gathered} 6 \\ (4,8) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 22.3 \\ (-14.2,77.4) \end{gathered}$ |


| Tunisia | $\begin{gathered} 4 \\ (3,5) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 23 \\ (16,31) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.2,0.3) \end{gathered}$ | $\begin{gathered} 90.8 \\ (30.8,169.1) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Türkiye | $\begin{gathered} 303 \\ (230,419) \end{gathered}$ | $\begin{gathered} 1.0 \\ (0.8,1.5) \end{gathered}$ | $\begin{gathered} 815 \\ (607,1289) \end{gathered}$ | $\begin{gathered} 1.0 \\ (0.7,1.6) \end{gathered}$ | $\begin{gathered} -0.7 \\ (-31.7,39.1) \end{gathered}$ |
| United Arab Emirates | $\begin{gathered} 0 \\ (0,1) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.4) \end{gathered}$ | $\begin{gathered} 5 \\ (2,10) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.7) \end{gathered}$ | $\begin{gathered} 63.3 \\ (-5.2,185.3) \end{gathered}$ |
| Yemen | $\begin{gathered} 3 \\ (1,4) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 13 \\ (9,21) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 83.3 \\ (17.3,180.2) \end{gathered}$ |
| South Asia | $\begin{gathered} 550 \\ (414,896) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 2964 \\ (2160,3795) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.4) \end{gathered}$ | $\begin{gathered} 71.1 \\ (11.6,114.9) \end{gathered}$ |
| Bangladesh | $\begin{gathered} 49 \\ (33,88) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 338 \\ (180,495) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.5) \end{gathered}$ | $\begin{gathered} 126.0 \\ (29.7,248.9) \end{gathered}$ |
| Bhutan | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 2 \\ (1,3) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.3,0.6) \end{gathered}$ | $\begin{gathered} 152.1 \\ (38.9,286.1) \end{gathered}$ |
| India | $\begin{gathered} 397 \\ (302,652) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 2315 \\ (1724,2974) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.4) \end{gathered}$ | $\begin{gathered} 70.3 \\ (5.7,118.0) \end{gathered}$ |
| Nepal | $\begin{gathered} 7 \\ (4,14) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 49 \\ (30,68) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.4) \end{gathered}$ | $\begin{gathered} 145.7 \\ (51.7,262.7) \end{gathered}$ |
| Pakistan | $\begin{gathered} 96 \\ (60,158) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.4) \end{gathered}$ | $\begin{gathered} 261 \\ (176,376) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.3,0.5) \end{gathered}$ | $\begin{gathered} 71.4 \\ (19.3,130.0) \end{gathered}$ |
| Central Sub- <br> Saharan Africa | $\begin{gathered} 347 \\ (122,647) \end{gathered}$ | $\begin{gathered} 2.4 \\ (0.9,4.4) \end{gathered}$ | $\begin{gathered} 800 \\ (408,1271) \end{gathered}$ | $\begin{gathered} 2.2 \\ (1.1,3.5) \end{gathered}$ | $\begin{gathered} -6.9 \\ (-33.8,57.9) \end{gathered}$ |
| Angola | $\begin{gathered} 27 \\ (15,41) \end{gathered}$ | $\begin{gathered} 1.1 \\ (0.5,1.6) \end{gathered}$ | $\begin{gathered} 116 \\ (64,160) \end{gathered}$ | $\begin{gathered} 1.6 \\ (0.8,2.2) \end{gathered}$ | $\begin{gathered} 52.5 \\ (4.6,124.9) \end{gathered}$ |
| Central African Republic | $\begin{gathered} 10 \\ (5,15) \end{gathered}$ | $\begin{gathered} 1.2 \\ (0.5,1.9) \end{gathered}$ | $\begin{gathered} 17 \\ (9,27) \end{gathered}$ | $\begin{gathered} 1.3 \\ (0.6,2.0) \end{gathered}$ | $\begin{gathered} 3.6 \\ (-24.3,43.1) \end{gathered}$ |
| Congo | $\begin{gathered} 15 \\ (8,21) \end{gathered}$ | $\begin{gathered} 2.0 \\ (1.1,2.8) \end{gathered}$ | $\begin{gathered} 44 \\ (27,62) \end{gathered}$ | $\begin{gathered} 2.6 \\ (1.5,3.6) \end{gathered}$ | $\begin{gathered} 27.6 \\ (-9.7,86.9) \end{gathered}$ |
| Democratic Republic of the Congo | $\begin{gathered} 285 \\ (82,556) \end{gathered}$ | $\begin{gathered} 2.8 \\ (0.8,5.6) \end{gathered}$ | $\begin{gathered} 589 \\ (265,1020) \end{gathered}$ | $\begin{gathered} 2.3 \\ (1.0,4.0) \end{gathered}$ | $\begin{gathered} -18.0 \\ (-43.9,47.9) \end{gathered}$ |
| Equatorial Guinea | $\begin{gathered} 2 \\ (1,3) \end{gathered}$ | $\begin{gathered} 1.2 \\ (0.5,1.8) \end{gathered}$ | $\begin{gathered} 9 \\ (4,16) \end{gathered}$ | $\begin{gathered} 2.9 \\ (1.2,4.7) \end{gathered}$ | $\begin{gathered} 142.6 \\ (39.0,364.1) \end{gathered}$ |
| Gabon | $\begin{gathered} 9 \\ (4,15) \end{gathered}$ | $\begin{gathered} 2.0 \\ (0.8,3.2) \end{gathered}$ | $\begin{gathered} 24 \\ (14,35) \end{gathered}$ | $\begin{gathered} 3.1 \\ (1.7,4.3) \end{gathered}$ | $\begin{gathered} 53.1 \\ (7.4,136.6) \end{gathered}$ |
| Eastern SubSaharan Africa | $\begin{gathered} 511 \\ (272,781) \end{gathered}$ | $\begin{gathered} 1.0 \\ (0.5,1.6) \end{gathered}$ | $\begin{gathered} 1604 \\ (852,2134) \end{gathered}$ | $\begin{gathered} 1.4 \\ (0.7,1.9) \end{gathered}$ | $\begin{gathered} 40.7 \\ (8.9,77.3) \end{gathered}$ |
| Burundi | $\begin{gathered} 19 \\ (10,31) \end{gathered}$ | $\begin{gathered} 1.1 \\ (0.5,1.8) \end{gathered}$ | $\begin{gathered} 32 \\ (16,48) \end{gathered}$ | $\begin{gathered} 1.1 \\ (0.5,1.6) \end{gathered}$ | $\begin{gathered} -2.5 \\ (-35.8,44.8) \end{gathered}$ |
| Comoros | $\begin{gathered} 2 \\ (1,3) \end{gathered}$ | $\begin{gathered} 1.1 \\ (0.5,1.8) \end{gathered}$ | $\begin{gathered} 5 \\ (2,8) \end{gathered}$ | $\begin{gathered} 1.3 \\ (0.6,1.9) \end{gathered}$ | $\begin{gathered} 18.2 \\ (-20.1,74.0) \end{gathered}$ |
| Djibouti | $\begin{gathered} 1 \\ (0,2) \end{gathered}$ | $\begin{gathered} 1.2 \\ (0.5,2.0) \end{gathered}$ | $\begin{gathered} 6 \\ (3,10) \end{gathered}$ | $\begin{gathered} 1.7 \\ (0.7,2.6) \end{gathered}$ | $\begin{gathered} 40.4 \\ (-2.3,105.6) \end{gathered}$ |


| Eritrea | $\begin{gathered} 5 \\ (2,8) \end{gathered}$ | $\begin{gathered} 0.8 \\ (0.3,1.4) \end{gathered}$ | $\begin{gathered} 19 \\ (9,29) \end{gathered}$ | $\begin{gathered} 1.2 \\ (0.5,1.9) \end{gathered}$ | $\begin{gathered} 56.2 \\ (-0.4,158.5) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Ethiopia | $\begin{gathered} 113 \\ (61,181) \end{gathered}$ | $\begin{gathered} 0.9 \\ (0.5,1.5) \end{gathered}$ | $\begin{gathered} 404 \\ (219,585) \end{gathered}$ | $\begin{gathered} 1.3 \\ (0.7,1.9) \end{gathered}$ | $\begin{gathered} 49.4 \\ (-6.2,125.7) \end{gathered}$ |
| Kenya | $\begin{gathered} 49 \\ (26,74) \end{gathered}$ | $\begin{gathered} 0.8 \\ (0.4,1.3) \end{gathered}$ | $\begin{gathered} 191 \\ (98,260) \end{gathered}$ | $\begin{gathered} 1.3 \\ (0.6,1.8) \end{gathered}$ | $\begin{gathered} 59.9 \\ (23.2,103.9) \end{gathered}$ |
| Madagascar | $\begin{gathered} 49 \\ (26,76) \end{gathered}$ | $\begin{gathered} 1.3 \\ (0.6,2.0) \end{gathered}$ | $\begin{gathered} 113 \\ (56,168) \end{gathered}$ | $\begin{gathered} 1.6 \\ (0.7,2.4) \end{gathered}$ | $\begin{gathered} 23.0 \\ (-16.3,74.4) \end{gathered}$ |
| Malawi | $\begin{gathered} 21 \\ (9,35) \end{gathered}$ | $\begin{gathered} 0.9 \\ (0.4,1.4) \end{gathered}$ | $\begin{gathered} 60 \\ (29,88) \end{gathered}$ | $\begin{gathered} 1.2 \\ (0.5,1.7) \end{gathered}$ | $\begin{gathered} 34.8 \\ (-3.4,89.8) \end{gathered}$ |
| Mozambique | $\begin{gathered} 39 \\ (17,58) \end{gathered}$ | $\begin{gathered} 1.0 \\ (0.4,1.5) \end{gathered}$ | $\begin{gathered} 128 \\ (66,183) \end{gathered}$ | $\begin{gathered} 1.7 \\ (0.8,2.4) \end{gathered}$ | $\begin{gathered} 69.8 \\ (22.0,151.7) \end{gathered}$ |
| Rwanda | $\begin{gathered} 20 \\ (9,38) \end{gathered}$ | $\begin{gathered} 1.0 \\ (0.4,2.0) \end{gathered}$ | $\begin{gathered} 47 \\ (19,74) \end{gathered}$ | $\begin{gathered} 1.2 \\ (0.5,1.9) \end{gathered}$ | $\begin{gathered} 15.0 \\ (-28.2,70.3) \end{gathered}$ |
| Somalia | $\begin{gathered} 13 \\ (6,22) \end{gathered}$ | $\begin{gathered} 0.8 \\ (0.3,1.4) \end{gathered}$ | $\begin{gathered} 31 \\ (12,53) \end{gathered}$ | $\begin{gathered} 0.8 \\ (0.3,1.4) \end{gathered}$ | $\begin{gathered} -2.2 \\ (-34.8,40.4) \end{gathered}$ |
| South Sudan | $\begin{gathered} 23 \\ (11,36) \end{gathered}$ | $\begin{gathered} 1.3 \\ (0.6,2.0) \end{gathered}$ | $\begin{gathered} 37 \\ (17,57) \end{gathered}$ | $\begin{gathered} 1.4 \\ (0.6,2.1) \end{gathered}$ | $\begin{gathered} 11.1 \\ (-23.1,60.4) \end{gathered}$ |
| Uganda | $\begin{gathered} 43 \\ (13,68) \end{gathered}$ | $\begin{gathered} 0.9 \\ (0.3,1.5) \end{gathered}$ | $\begin{gathered} 133 \\ (50,204) \end{gathered}$ | $\begin{gathered} 1.3 \\ (0.5,2.0) \end{gathered}$ | $\begin{gathered} 44.7 \\ (2.4,116.7) \end{gathered}$ |
| United Republic of Tanzania | $\begin{gathered} 94 \\ (46,154) \end{gathered}$ | $\begin{gathered} 1.2 \\ (0.6,2.1) \end{gathered}$ | $\begin{gathered} 313 \\ (117,489) \end{gathered}$ | $\begin{gathered} 1.7 \\ (0.6,2.7) \end{gathered}$ | $\begin{gathered} 39.0 \\ (-9.0,101.0) \end{gathered}$ |
| Zambia | $\begin{gathered} 19 \\ (12,32) \end{gathered}$ | $\begin{gathered} 1.0 \\ (0.6,1.7) \end{gathered}$ | $\begin{gathered} 85 \\ (53,130) \end{gathered}$ | $\begin{gathered} 1.9 \\ (1.1,2.9) \end{gathered}$ | $\begin{gathered} 85.1 \\ (22.2,181.1) \end{gathered}$ |
| Southern SubSaharan Africa | $\begin{gathered} 303 \\ (234,350) \end{gathered}$ | $\begin{gathered} 1.3 \\ (1.0,1.5) \end{gathered}$ | $\begin{gathered} 913 \\ (722,1030) \end{gathered}$ | $\begin{gathered} 2.0 \\ (1.6,2.2) \end{gathered}$ | $\begin{gathered} 49.8 \\ (27.5,70.6) \end{gathered}$ |
| Botswana | $\begin{gathered} 4 \\ (3,6) \end{gathered}$ | $\begin{gathered} 0.8 \\ (0.5,1.2) \end{gathered}$ | $\begin{gathered} 14 \\ (9,20) \end{gathered}$ | $\begin{gathered} 1.3 \\ (0.8,1.8) \end{gathered}$ | $\begin{gathered} 53.9 \\ (4.6,124.3) \end{gathered}$ |
| Lesotho | $\begin{gathered} 4 \\ (3,6) \end{gathered}$ | $\begin{gathered} 0.5 \\ (0.3,0.7) \end{gathered}$ | $\begin{gathered} 9 \\ (6,13) \end{gathered}$ | $\begin{gathered} 0.9 \\ (0.6,1.3) \end{gathered}$ | $\begin{gathered} 91.4 \\ (33.8,178.5) \end{gathered}$ |
| Namibia | $\begin{gathered} 6 \\ (4,8) \end{gathered}$ | $\begin{gathered} 0.9 \\ (0.6,1.3) \end{gathered}$ | $\begin{gathered} 15 \\ (10,22) \end{gathered}$ | $\begin{gathered} 1.3 \\ (0.8,1.8) \end{gathered}$ | $\begin{gathered} 43.8 \\ (1.6,103.5) \end{gathered}$ |
| South Africa | $\begin{gathered} 285 \\ (220,331) \end{gathered}$ | $\begin{gathered} 1.6 \\ (1.2,1.8) \end{gathered}$ | $\begin{gathered} 865 \\ (688,980) \end{gathered}$ | $\begin{gathered} 2.3 \\ (1.8,2.6) \end{gathered}$ | $\begin{gathered} 45.2 \\ (22.7,66.0) \end{gathered}$ |
| Eswatini | $\begin{gathered} 2 \\ (1,2) \end{gathered}$ | $\begin{gathered} 0.7 \\ (0.4,0.9) \end{gathered}$ | $\begin{gathered} 5 \\ (3,7) \end{gathered}$ | $\begin{gathered} 1.1 \\ (0.7,1.6) \end{gathered}$ | $\begin{gathered} 62.7 \\ (11.3,134.7) \end{gathered}$ |
| Zimbabwe | $\begin{gathered} 2 \\ (2,3) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 5 \\ (3,6) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.1) \end{gathered}$ | $\begin{gathered} 14.9 \\ (-13.5,54.1) \end{gathered}$ |
| Western SubSaharan Africa | $\begin{gathered} 159 \\ (114,221) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.2,0.3) \end{gathered}$ | $\begin{gathered} 452 \\ (247,603) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.4) \end{gathered}$ | $\begin{gathered} 38.3 \\ (-8.9,94.0) \end{gathered}$ |
| Benin | $\begin{gathered} 4 \\ (2,6) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 12 \\ (6,17) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.5) \end{gathered}$ | $\begin{gathered} 51.0 \\ (1.4,125.0) \end{gathered}$ |


| Burkina Faso | $\begin{gathered} 7 \\ (4,12) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 30 \\ (14,51) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.2,0.7) \end{gathered}$ | $\begin{gathered} 105.6 \\ (29.9,209.5) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Cameroon | $\begin{gathered} 9 \\ (6,15) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.4) \end{gathered}$ | $\begin{gathered} 38 \\ (21,60) \end{gathered}$ | $\begin{gathered} 0.5 \\ (0.3,0.7) \end{gathered}$ | $\begin{gathered} 67.6 \\ (10.6,150.8) \end{gathered}$ |
| Cabo Verde | $\begin{gathered} 1 \\ (0,1) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.4) \end{gathered}$ | $\begin{gathered} 2 \\ (1,3) \end{gathered}$ | $\begin{gathered} 0.6 \\ (0.3,0.8) \end{gathered}$ | $\begin{gathered} 96.1 \\ (32.1,226.8) \end{gathered}$ |
| Chad | $\begin{gathered} 5 \\ (3,8) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 12 \\ (6,19) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.5) \end{gathered}$ | $\begin{gathered} 36.9 \\ (-5.3,98.9) \end{gathered}$ |
| Cote d'Ivoire | $\begin{gathered} 6 \\ (4,9) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.3) \end{gathered}$ | $\begin{gathered} 22 \\ (13,35) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.5) \end{gathered}$ | $\begin{gathered} 32.7 \\ (-10.7,102.1) \end{gathered}$ |
| Gambia | $\begin{gathered} 1 \\ (0,1) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 3 \\ (1,4) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.2,0.6) \end{gathered}$ | $\begin{gathered} 73.7 \\ (11.8,164.3) \end{gathered}$ |
| Ghana | $\begin{gathered} 6 \\ (4,8) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 14 \\ (10,21) \end{gathered}$ | $\begin{gathered} 0.1 \\ (0.1,0.2) \end{gathered}$ | $\begin{gathered} 4.1 \\ (-30.0,56.7) \end{gathered}$ |
| Guinea | $\begin{gathered} 6 \\ (3,10) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.4) \end{gathered}$ | $\begin{gathered} 14 \\ (7,23) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.5) \end{gathered}$ | $\begin{gathered} 42.0 \\ (-4.9,121.4) \end{gathered}$ |
| Guinea-Bissau | $\begin{gathered} 1 \\ (0,1) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.2,0.4) \end{gathered}$ | $\begin{gathered} 2 \\ (1,3) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.2,0.6) \end{gathered}$ | $\begin{gathered} 52.1 \\ (-8.7,141.1) \end{gathered}$ |
| Liberia | $\begin{gathered} 2 \\ (1,3) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.2,0.3) \end{gathered}$ | $\begin{gathered} 5 \\ (3,8) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.5) \end{gathered}$ | $\begin{gathered} 36.6 \\ (-6.1,102.1) \end{gathered}$ |
| Mali | $\begin{gathered} 7 \\ (4,11) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.4) \end{gathered}$ | $\begin{gathered} 20 \\ (11,33) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.5) \end{gathered}$ | $\begin{gathered} 50.1 \\ (2.0,124.1) \end{gathered}$ |
| Mauritania | $\begin{gathered} 2 \\ (1,3) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.4) \end{gathered}$ | $\begin{gathered} 7 \\ (3,10) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.2,0.6) \end{gathered}$ | $\begin{gathered} 25.4 \\ (-18.8,91.8) \end{gathered}$ |
| Niger | $\begin{gathered} 4 \\ (2,6) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 15 \\ (7,27) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.1,0.5) \end{gathered}$ | $\begin{gathered} 32.6 \\ (-12.5,97.1) \end{gathered}$ |
| Nigeria | $\begin{gathered} 86 \\ (61,128) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.4) \end{gathered}$ | $\begin{gathered} 216 \\ (110,320) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.2,0.5) \end{gathered}$ | $\begin{gathered} 32.9 \\ (-27.9,117.3) \end{gathered}$ |
| Sao Tome and Principe | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.2,0.3) \end{gathered}$ | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.2,0.6) \end{gathered}$ | $\begin{gathered} 84.8 \\ (25.6,174.9) \end{gathered}$ |
| Senegal | $\begin{gathered} 7 \\ (4,10) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.4) \end{gathered}$ | $\begin{gathered} 22 \\ (11,32) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.2,0.5) \end{gathered}$ | $\begin{gathered} 41.6 \\ (-2.9,109.1) \end{gathered}$ |
| Sierra Leone | $\begin{gathered} 3 \\ (2,5) \end{gathered}$ | $\begin{gathered} 0.2 \\ (0.1,0.3) \end{gathered}$ | $\begin{gathered} 7 \\ (4,12) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.1,0.4) \end{gathered}$ | $\begin{gathered} 39.3 \\ (-9.8,105.0) \end{gathered}$ |
| Togo | $\begin{gathered} 2 \\ (2,4) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.4) \end{gathered}$ | $\begin{gathered} 10 \\ (5,15) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.2,0.6) \end{gathered}$ | $\begin{gathered} 45.4 \\ (-4.0,113.9) \end{gathered}$ |
| High SDI | $\begin{gathered} 14510 \\ (7181,26927) \end{gathered}$ | $\begin{gathered} 1.4 \\ (0.7,2.6) \end{gathered}$ | $\begin{gathered} 34713 \\ (16832,63581) \end{gathered}$ | $\begin{gathered} 1.5 \\ (0.7,2.8) \end{gathered}$ | $\begin{gathered} 7.3 \\ (-17.9,22.0) \end{gathered}$ |
| High-middle SDI | $\begin{gathered} 12053 \\ (5948,21025) \end{gathered}$ | $\begin{gathered} 1.4 \\ (0.7,2.5) \end{gathered}$ | $\begin{gathered} 26243 \\ (13528,47034) \end{gathered}$ | $\begin{gathered} 1.4 \\ (0.7,2.4) \end{gathered}$ | $\begin{gathered} -5.3 \\ (-25.2,11.4) \end{gathered}$ |
| Middle SDI | $\begin{gathered} 1778 \\ (1316,2471) \end{gathered}$ | $\begin{gathered} 0.3 \\ (0.2,0.4) \end{gathered}$ | $\begin{gathered} 6643 \\ (5028,9304) \end{gathered}$ | $\begin{gathered} 0.4 \\ (0.3,0.5) \end{gathered}$ | $\begin{gathered} 29.3 \\ (4.3,49.8) \end{gathered}$ |


| Low-middle SDI | 868 <br> $(633,1231)$ | 0.2 <br> $(0.2,0.3)$ | 3721 <br> $(2773,4762)$ | 0.4 <br> $(0.3,0.5)$ | 55.4 <br> $(21.0,82.4)$ |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Low SDI | 937 <br> $(502,1369)$ | 0.6 <br> $(0.3,0.8)$ | 2684 <br> $(1500,3641)$ | 0.7 <br> $(0.4,1.0)$ | 27.0 <br> $(-2.4,66.4)$ |

Table S4: Incidence rates and total incident cases of PAD in 1990 and 2019 for both sexes and percentage change in age-standardised rates by location. $\mathrm{PAD}=$ Peripheral artery disease.

| Incidence of PAD | 1990 |  | 2019 |  | Percentage change in agestandardised rates between 1990 and 2019 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Counts (95\% UI) | Age- standardised rate (95\% UI) | Counts (95\% UI) | Age- standardised rate $(95 \%$ $\mathrm{UI})$ |  |
| Global | $\begin{gathered} 6126260 \\ (5324212,6999740) \end{gathered}$ | $\begin{gathered} 156.7 \\ (137.0,178.3) \end{gathered}$ | $\begin{aligned} & \hline 10504092 \\ & (9162529, \\ & 11999888) \\ & \hline \end{aligned}$ | $\begin{gathered} 127.1 \\ (111.3,145.4) \end{gathered}$ | $\begin{gathered} -18.9 \\ (-19.8,-18.0) \end{gathered}$ |
| East Asia | $\begin{gathered} 1071759 \\ (923858,1225435) \end{gathered}$ | $\begin{gathered} 121.7 \\ (105.8,138.9) \end{gathered}$ | $\begin{gathered} 2711137 \\ (2334791,3113092) \end{gathered}$ | $\begin{gathered} 125.6 \\ (109.3,143.5) \end{gathered}$ | $\begin{gathered} 3.2 \\ (2.0,4.4) \end{gathered}$ |
| China | $\begin{gathered} 1029594 \\ (887381,1177955) \end{gathered}$ | $\begin{gathered} 121.4 \\ (105.5,138.6) \end{gathered}$ | $\begin{gathered} 2615880 \\ (2251154,3008605) \end{gathered}$ | $\begin{gathered} 125.4 \\ (109.1,143.4) \end{gathered}$ | $\begin{gathered} 3.3 \\ (2.0,4.6) \end{gathered}$ |
| Democratic People's Republic of Korea | $\begin{gathered} 20524 \\ (17548,23636) \end{gathered}$ | $\begin{gathered} 125.9 \\ (108.7,143.8) \end{gathered}$ | $\begin{gathered} 43216 \\ (37408,49285) \end{gathered}$ | $\begin{gathered} 132.6 \\ (115.0,151.1) \end{gathered}$ | $\begin{gathered} 5.4 \\ (0.9,10.1) \end{gathered}$ |
| Taiwan | $\begin{gathered} 21641 \\ (18549,25077) \end{gathered}$ | $\begin{gathered} 133.9 \\ (115.7,153.9) \end{gathered}$ | $\begin{gathered} 52041 \\ (45829,58146) \end{gathered}$ | $\begin{gathered} 132.2 \\ (117.2,147.1) \end{gathered}$ | $\begin{gathered} -1.2 \\ (-7.5,6.8) \end{gathered}$ |
| Southeast Asia | $\begin{gathered} 350907 \\ (302675,402164) \end{gathered}$ | $\begin{gathered} 137.8 \\ (119.4,157.7) \end{gathered}$ | $\begin{gathered} 876385 \\ (758564,1002747) \end{gathered}$ | $\begin{gathered} 140.6 \\ (122.2,161.0) \end{gathered}$ | $\begin{gathered} 2.1 \\ (0.8,3.3) \end{gathered}$ |
| Cambodia | $\begin{gathered} 6412 \\ (5498,7367) \end{gathered}$ | $\begin{gathered} 144.6 \\ (125.0,164.4) \end{gathered}$ | $\begin{gathered} 16634 \\ (14308,19224) \end{gathered}$ | $\begin{gathered} 139.3 \\ (121.0,160.0) \end{gathered}$ | $\begin{gathered} -3.7 \\ (-8.2,0.7) \end{gathered}$ |
| Indonesia | $\begin{gathered} 136499 \\ (117307,156345) \end{gathered}$ | $\begin{gathered} 138.6 \\ (120.5,158.0) \end{gathered}$ | $\begin{gathered} 339300 \\ (292596,389855) \end{gathered}$ | $\begin{gathered} 151.3 \\ (131.9,172.7) \end{gathered}$ | $\begin{gathered} 9.2 \\ (7.3,11.1) \end{gathered}$ |
| Lao People's Democratic Republic | $\begin{gathered} 3023 \\ (2587,3500) \end{gathered}$ | $\begin{gathered} 146.2 \\ (125.6,168.0) \end{gathered}$ | $\begin{gathered} 6180 \\ (5329,7113) \end{gathered}$ | $\begin{gathered} 139.9 \\ (121.1,160.9) \end{gathered}$ | $\begin{gathered} -4.3 \\ (-8.4,0.2) \end{gathered}$ |
| Malaysia | $\begin{gathered} 12337 \\ (10672,14292) \end{gathered}$ | $\begin{gathered} 133.5 \\ (115.1,154.9) \end{gathered}$ | $\begin{gathered} 34949 \\ (30135,40048) \end{gathered}$ | $\begin{gathered} 128.5 \\ (112.0,147.5) \end{gathered}$ | $\begin{gathered} -3.8 \\ (-7.5,1.0) \end{gathered}$ |
| Maldives | $\begin{gathered} 118 \\ (100,137) \end{gathered}$ | $\begin{gathered} 129.2 \\ (112.5,148.6) \end{gathered}$ | $\begin{gathered} 404 \\ (347,462) \end{gathered}$ | $\begin{gathered} 129.2 \\ (111.6,148.2) \end{gathered}$ | $\begin{gathered} 0.0 \\ (-4.7,4.2) \end{gathered}$ |
| Mauritius | $\begin{gathered} 1041 \\ (895,1203) \end{gathered}$ | $\begin{gathered} 141.7 \\ (123.0,162.4) \end{gathered}$ | $\begin{gathered} 2675 \\ (2305,3100) \end{gathered}$ | $\begin{gathered} 149.3 \\ (129.6,170.9) \end{gathered}$ | $\begin{gathered} 5.4 \\ (1.2,9.4) \end{gathered}$ |
| Myanmar | $\begin{gathered} 40103 \\ (34408,46825) \end{gathered}$ | $\begin{gathered} 173.5 \\ (150.6,200.0) \end{gathered}$ | $\begin{gathered} 74873 \\ (64641,85660) \end{gathered}$ | $\begin{gathered} 158.5 \\ (138.2,180.1) \end{gathered}$ | $\begin{gathered} -8.6 \\ (-13.4,-4.2) \end{gathered}$ |
| Philippines | $\begin{gathered} 39438 \\ (34067,45172) \end{gathered}$ | $\begin{gathered} 132.1 \\ (115.1,151.5) \end{gathered}$ | $\begin{gathered} 111374 \\ (96297,127738) \end{gathered}$ | $\begin{gathered} 140.9 \\ (122.9,161.4) \end{gathered}$ | $\begin{gathered} 6.7 \\ (5.9,7.5) \end{gathered}$ |
| Seychelles | $\begin{gathered} 71 \\ (61,82) \end{gathered}$ | $\begin{gathered} 127.8 \\ (110.9,146.1) \end{gathered}$ | $\begin{gathered} 151 \\ (130,173) \end{gathered}$ | $\begin{gathered} 133.6 \\ (116.2,153.1) \end{gathered}$ | $\begin{gathered} 4.6 \\ (0.3,8.7) \end{gathered}$ |
| Sri Lanka | $\begin{gathered} 13824 \\ (11888,15831) \end{gathered}$ | $\begin{gathered} 126.8 \\ (109.8,145.5) \end{gathered}$ | $\begin{gathered} 34941 \\ (30261,40345) \end{gathered}$ | $\begin{gathered} 133.8 \\ (117.1,153.5) \end{gathered}$ | $\begin{gathered} 5.5 \\ (1.4,10.5) \end{gathered}$ |
| Thailand | $\begin{gathered} 46220 \\ (39907,52816) \end{gathered}$ | $\begin{gathered} 129.3 \\ (112.2,147.3) \end{gathered}$ | $\begin{gathered} 121132 \\ (104352,140681) \end{gathered}$ | $\begin{gathered} 116.2 \\ (100.1,134.4) \end{gathered}$ | $\begin{gathered} -10.1 \\ (-14.2,-5.7) \end{gathered}$ |
| Timor-Leste | $\begin{gathered} 375 \\ (320,429) \end{gathered}$ | $\begin{gathered} 131.6 \\ (113.7,151.3) \end{gathered}$ | $\begin{gathered} 1129 \\ (966,1301) \end{gathered}$ | $\begin{gathered} 136.7 \\ (118.5,156.2) \end{gathered}$ | $\begin{gathered} 3.8 \\ (-1.0,9.1) \end{gathered}$ |


| Viet Nam | $\begin{gathered} 50980 \\ (43916,58613) \end{gathered}$ | $\begin{gathered} 129.6 \\ (112.6,147.9) \end{gathered}$ | $\begin{gathered} 131496 \\ (113066,150048) \end{gathered}$ | $\begin{gathered} 139.5 \\ (120.8,159.6) \end{gathered}$ | $\begin{gathered} 7.6 \\ (2.9,13.0) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Oceania | $\begin{gathered} 3784 \\ (3262,4371) \end{gathered}$ | $\begin{gathered} 127.8 \\ (110.6,146.4) \end{gathered}$ | $\begin{gathered} 9894 \\ (8500,11350) \end{gathered}$ | $\begin{gathered} 139.2 \\ (120.9,159.1) \end{gathered}$ | $\begin{gathered} 8.9 \\ (6.0,12.1) \end{gathered}$ |
| American Samoa | $\begin{gathered} 31 \\ (27,36) \end{gathered}$ | $\begin{gathered} 135.0 \\ (117.2,155.3) \end{gathered}$ | $\begin{gathered} 75 \\ (65,86) \end{gathered}$ | $\begin{gathered} 152.9 \\ (132.1,176.0) \end{gathered}$ | $\begin{gathered} 13.3 \\ (8.8,17.7) \end{gathered}$ |
| Cook Islands | $\begin{gathered} 16 \\ (14,18) \end{gathered}$ | $\begin{gathered} 126.1 \\ (109.3,143.9) \end{gathered}$ | $\begin{gathered} 35 \\ (30,40) \end{gathered}$ | $\begin{gathered} 140.6 \\ (121.4,161.4) \end{gathered}$ | $\begin{gathered} 11.4 \\ (6.7,16.3) \end{gathered}$ |
| Fiji | $\begin{gathered} 548 \\ (468,634) \end{gathered}$ | $\begin{gathered} 150.3 \\ (130.3,172.0) \end{gathered}$ | $\begin{gathered} 1257 \\ (1081,1452) \end{gathered}$ | $\begin{gathered} 164.0 \\ (142.5,187.4) \end{gathered}$ | $\begin{gathered} 9.1 \\ (5.1,13.5) \end{gathered}$ |
| Guam | $\begin{gathered} 82 \\ (70,95) \end{gathered}$ | $\begin{gathered} 106.1 \\ (92.2,122.2) \end{gathered}$ | $\begin{gathered} 238 \\ (205,275) \end{gathered}$ | $\begin{gathered} 124.1 \\ (107.4,142.6) \end{gathered}$ | $\begin{gathered} 16.9 \\ (12.7,21.9) \end{gathered}$ |
| Kiribati | $\begin{gathered} 55 \\ (47,63) \end{gathered}$ | $\begin{gathered} 150.8 \\ (130.8,172.4) \end{gathered}$ | $\begin{gathered} 133 \\ (113,153) \end{gathered}$ | $\begin{gathered} 192.4 \\ (166.6,220.9) \end{gathered}$ | $\begin{gathered} 27.5 \\ (22.4,33.7) \end{gathered}$ |
| Marshall Islands | $\begin{gathered} 21 \\ (18,24) \end{gathered}$ | $\begin{gathered} 130.5 \\ (112.4,149.1) \end{gathered}$ | $\begin{gathered} 50 \\ (43,58) \end{gathered}$ | $\begin{gathered} 143.2 \\ (124.4,164.2) \end{gathered}$ | $\begin{gathered} 9.8 \\ (5.1,14.9) \end{gathered}$ |
| Micronesia (Federated States of) | $\begin{gathered} 60 \\ (52,70) \end{gathered}$ | $\begin{gathered} 132.1 \\ (114.6,151.8) \end{gathered}$ | $\begin{gathered} 103 \\ (87,120) \end{gathered}$ | $\begin{gathered} 145.5 \\ (125.7,166.8) \end{gathered}$ | $\begin{gathered} 10.2 \\ (5.6,14.7) \end{gathered}$ |
| Nauru | $\begin{gathered} 5 \\ (4,5) \end{gathered}$ | $\begin{gathered} 127.3 \\ (110.4,146.2) \end{gathered}$ | $\begin{gathered} 6 \\ (5,7) \end{gathered}$ | $\begin{gathered} 148.6 \\ (127.9,169.9) \end{gathered}$ | $\begin{gathered} 16.8 \\ (12.1,22.0) \end{gathered}$ |
| Niue | $\begin{gathered} 3 \\ (2,3) \end{gathered}$ | $\begin{gathered} 131.8 \\ (113.8,150.5) \end{gathered}$ | $\begin{gathered} 3 \\ (3,4) \end{gathered}$ | $\begin{gathered} 146.2 \\ (127.2,167.7) \end{gathered}$ | $\begin{gathered} 10.9 \\ (6.4,16.0) \end{gathered}$ |
| Northern Mariana Islands | $\begin{gathered} 20 \\ (17,23) \end{gathered}$ | $\begin{gathered} 111.1 \\ (95.6,128.4) \end{gathered}$ | $\begin{gathered} 71 \\ (60,83) \end{gathered}$ | $\begin{gathered} 126.6 \\ (109.1,145.0) \end{gathered}$ | $\begin{gathered} 14.0 \\ (9.9,18.9) \end{gathered}$ |
| Palau | $\begin{gathered} 13 \\ (11,14) \end{gathered}$ | $\begin{gathered} 128.6 \\ (111.2,147.3) \end{gathered}$ | $\begin{gathered} 32 \\ (27,38) \end{gathered}$ | $\begin{gathered} 143.9 \\ (125.1,164.7) \end{gathered}$ | $\begin{gathered} 11.9 \\ (7.2,17.2) \end{gathered}$ |
| Papua New Guinea | $\begin{gathered} 2240 \\ (1928,2593) \end{gathered}$ | $\begin{gathered} 122.0 \\ (105.5,139.5) \end{gathered}$ | $\begin{gathered} 6328 \\ (5410,7303) \end{gathered}$ | $\begin{gathered} 132.7 \\ (115.3,152.4) \end{gathered}$ | $\begin{gathered} 8.8 \\ (4.4,13.7) \end{gathered}$ |
| Samoa | $\begin{gathered} 128 \\ (110,149) \end{gathered}$ | $\begin{gathered} 147.8 \\ (128.0,170.8) \end{gathered}$ | $\begin{gathered} 244 \\ (210,282) \end{gathered}$ | $\begin{gathered} 166.8 \\ (144.1,192.4) \end{gathered}$ | $\begin{gathered} 12.9 \\ (8.0,18.1) \end{gathered}$ |
| Solomon Islands | $\begin{gathered} 173 \\ (148,200) \end{gathered}$ | $\begin{gathered} 128.8 \\ (111.5,146.6) \end{gathered}$ | $\begin{gathered} 445 \\ (380,512) \end{gathered}$ | $\begin{gathered} 145.2 \\ (126.0,165.7) \end{gathered}$ | $\begin{gathered} 12.7 \\ (8.1,17.4) \end{gathered}$ |
| Tokelau | $\begin{gathered} 2 \\ (2,2) \end{gathered}$ | $\begin{gathered} 135.2 \\ (117.3,154.4) \end{gathered}$ | $\begin{gathered} 2 \\ (2,2) \end{gathered}$ | $\begin{gathered} 146.4 \\ (126.5,167.7) \end{gathered}$ | $\begin{gathered} 8.3 \\ (4.0,12.7) \end{gathered}$ |
| Tonga | $\begin{gathered} 81 \\ (69,93) \end{gathered}$ | $\begin{gathered} 144.2 \\ (125.0,165.3) \end{gathered}$ | $\begin{gathered} 125 \\ (108,144) \end{gathered}$ | $\begin{gathered} 158.7 \\ (136.3,181.9) \end{gathered}$ | $\begin{gathered} 10.1 \\ (5.5,14.4) \end{gathered}$ |
| Tuvalu | $\begin{gathered} 9 \\ (8,11) \end{gathered}$ | $\begin{gathered} 138.2 \\ (120.7,158.4) \end{gathered}$ | $\begin{gathered} 16 \\ (13,18) \end{gathered}$ | $\begin{gathered} 151.3 \\ (130.0,172.9) \end{gathered}$ | $\begin{gathered} 9.5 \\ (4.3,13.9) \end{gathered}$ |
| Vanuatu | $\begin{gathered} 87 \\ (75,100) \end{gathered}$ | $\begin{gathered} 133.5 \\ (114.9,152.8) \end{gathered}$ | $\begin{gathered} 262 \\ (226,301) \end{gathered}$ | $\begin{gathered} 151.1 \\ (131.2,173.5) \end{gathered}$ | $\begin{gathered} 13.2 \\ (7.6,18.6) \end{gathered}$ |
| Central Asia | $\begin{gathered} 53540 \\ (46486,61686) \end{gathered}$ | $\begin{gathered} 119.0 \\ (103.1,136.3) \end{gathered}$ | $\begin{gathered} 85439 \\ (73678,98428) \end{gathered}$ | $\begin{gathered} 118.2 \\ (102.5,135.6) \end{gathered}$ | $\begin{gathered} -0.6 \\ (-2.5,1.4) \end{gathered}$ |


| Armenia | $\begin{gathered} 3661 \\ (3161,4245) \end{gathered}$ | $\begin{gathered} 140.1 \\ (121.4,161.7) \end{gathered}$ | $\begin{gathered} 5573 \\ (4798,6449) \end{gathered}$ | $\begin{gathered} 134.3 \\ (116.0,154.0) \end{gathered}$ | $\begin{gathered} -4.1 \\ (-8.0,0.6) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Azerbaijan | $\begin{gathered} 5973 \\ (5172,6885) \end{gathered}$ | $\begin{gathered} 125.2 \\ (108.6,143.6) \end{gathered}$ | $\begin{gathered} 11280 \\ (9713,13173) \end{gathered}$ | $\begin{gathered} 121.4 \\ (105.3,139.3) \end{gathered}$ | $\begin{gathered} -3.0 \\ (-7.2,1.5) \end{gathered}$ |
| Georgia | $\begin{gathered} 18565 \\ (15998,21308) \end{gathered}$ | $\begin{gathered} 264.6 \\ (228.2,303.2) \end{gathered}$ | $\begin{gathered} 29841 \\ (26739,33256) \end{gathered}$ | $\begin{gathered} 131.9 \\ (114.0,152.1) \end{gathered}$ | $\begin{gathered} -30.0 \\ (-36.6,-22.3) \end{gathered}$ |
| Kazakhstan | $\begin{gathered} 15360 \\ (13316,17745) \end{gathered}$ | $\begin{gathered} 125.4 \\ (109.3,144.0) \end{gathered}$ | $\begin{gathered} 20293 \\ (17509,23510) \end{gathered}$ | $\begin{gathered} 118.4 \\ (102.5,136.8) \end{gathered}$ | $\begin{gathered} -5.6 \\ (-9.8,-1.0) \end{gathered}$ |
| Kyrgyzstan | $\begin{gathered} 3280 \\ (2829,3776) \end{gathered}$ | $\begin{gathered} 111.6 \\ (96.9,128.0) \end{gathered}$ | $\begin{gathered} 4950 \\ (4274,5717) \end{gathered}$ | $\begin{gathered} 111.1 \\ (96.1,128.0) \end{gathered}$ | $\begin{gathered} -0.5 \\ (-4.7,4.0) \end{gathered}$ |
| Mongolia | $\begin{gathered} 1216 \\ (1050,1395) \end{gathered}$ | $\begin{gathered} 120.1 \\ (104.4,137.6) \end{gathered}$ | $\begin{gathered} 2630 \\ (2274,3025) \end{gathered}$ | $\begin{gathered} 116.0 \\ (100.6,133.3) \end{gathered}$ | $\begin{gathered} -3.4 \\ (-7.8,1.1) \end{gathered}$ |
| Tajikistan | $\begin{gathered} 3420 \\ (2971,3918) \end{gathered}$ | $\begin{gathered} 126.6 \\ (109.0,144.9) \end{gathered}$ | $\begin{gathered} 5621 \\ (4767,6513) \end{gathered}$ | $\begin{gathered} 114.9 \\ (99.3,131.8) \end{gathered}$ | $\begin{gathered} -9.2 \\ (-13.7,-4.1) \end{gathered}$ |
| Turkmenistan | $\begin{gathered} 2160 \\ (1862,2501) \end{gathered}$ | $\begin{gathered} 118.7 \\ (102.8,136.2) \end{gathered}$ | $\begin{gathered} 4369 \\ (3763,5026) \end{gathered}$ | $\begin{gathered} 114.4 \\ (98.6,131.0) \end{gathered}$ | $\begin{gathered} -3.6 \\ (-7.6,1.1) \end{gathered}$ |
| Uzbekistan | $\begin{gathered} 11051 \\ (9510,12792) \end{gathered}$ | $\begin{gathered} 102.6 \\ (88.6,118.6) \end{gathered}$ | $\begin{gathered} 22887 \\ (19239,26680) \end{gathered}$ | $\begin{gathered} 112.4 \\ (97.2,128.9) \end{gathered}$ | $\begin{gathered} 9.6 \\ (4.7,14.6) \end{gathered}$ |
| Central Europe | $\begin{gathered} 205182 \\ (177091,235330) \end{gathered}$ | $\begin{gathered} 138.9 \\ (120.2,158.8) \end{gathered}$ | $\begin{gathered} 262490 \\ (225127,303309) \end{gathered}$ | $\begin{gathered} 124.1 \\ (107.3,142.0) \end{gathered}$ | $\begin{gathered} -10.7 \\ (-11.7,-9.7) \end{gathered}$ |
| Albania | $\begin{gathered} 2498 \\ (2162,2875) \end{gathered}$ | $\begin{gathered} 122.5 \\ (106.0,140.9) \end{gathered}$ | $\begin{gathered} 5056 \\ (4327,5826) \end{gathered}$ | $\begin{gathered} 117.5 \\ (101.5,134.0) \end{gathered}$ | $\begin{gathered} -4.1 \\ (-8.1,0.2) \end{gathered}$ |
| Bosnia and Herzegovina | $\begin{gathered} 5457 \\ (4673,6342) \end{gathered}$ | $\begin{gathered} 136.0 \\ (117.7,155.8) \end{gathered}$ | $\begin{gathered} 8602 \\ (7361,9906) \end{gathered}$ | $\begin{gathered} 143.8 \\ (124.0,164.6) \end{gathered}$ | $\begin{gathered} 5.7 \\ (1.2,10.4) \end{gathered}$ |
| Bulgaria | $\begin{gathered} 16664 \\ (14242,19327) \end{gathered}$ | $\begin{gathered} 132.1 \\ (113.9,152.0) \end{gathered}$ | $\begin{gathered} 17974 \\ (15409,20880) \end{gathered}$ | $\begin{gathered} 125.3 \\ (108.0,144.1) \end{gathered}$ | $\begin{gathered} -5.2 \\ (-9.1,-1.2) \end{gathered}$ |
| Croatia | $\begin{gathered} 9234 \\ (7964,10727) \end{gathered}$ | $\begin{gathered} 143.8 \\ (124.5,165.8) \end{gathered}$ | $\begin{gathered} 10119 \\ (8721,11756) \end{gathered}$ | $\begin{gathered} 119.0 \\ (102.8,136.6) \end{gathered}$ | $\begin{gathered} -17.2 \\ (-21.1,-13.3) \end{gathered}$ |
| Czechia | $\begin{gathered} 18721 \\ (16192,21497) \end{gathered}$ | $\begin{gathered} 135.7 \\ (117.9,156.1) \end{gathered}$ | $\begin{gathered} 25704 \\ (21952,29954) \end{gathered}$ | $\begin{gathered} 125.0 \\ (107.8,143.9) \end{gathered}$ | $\begin{gathered} -7.9 \\ (-11.6,-3.9) \end{gathered}$ |
| Hungary | $\begin{gathered} 22233 \\ (19193,25476) \end{gathered}$ | $\begin{gathered} 150.4 \\ (130.3,171.7) \end{gathered}$ | $\begin{gathered} 25257 \\ (21741,29366) \end{gathered}$ | $\begin{gathered} 133.3 \\ (116.1,153.1) \end{gathered}$ | $\begin{gathered} -11.4 \\ (-15.2,-7.4) \end{gathered}$ |
| North Macedonia | $\begin{gathered} 2529 \\ (2174,2920) \end{gathered}$ | $\begin{gathered} 136.0 \\ (117.2,156.3) \end{gathered}$ | $\begin{gathered} 4291 \\ (3666,4974) \end{gathered}$ | $\begin{gathered} 131.9 \\ (114.2,151.4) \end{gathered}$ | $\begin{gathered} -3.1 \\ (-7.3,1.3) \end{gathered}$ |
| Montenegro | $\begin{gathered} 909 \\ (788,1046) \end{gathered}$ | $\begin{gathered} 147.1 \\ (127.5,168.9) \end{gathered}$ | $\begin{gathered} 1436 \\ (1237,1653) \end{gathered}$ | $\begin{gathered} 145.1 \\ (125.3,166.3) \end{gathered}$ | $\begin{gathered} -1.3 \\ (-5.4,2.9) \end{gathered}$ |
| Poland | $\begin{gathered} 65584 \\ (56729,75141) \end{gathered}$ | $\begin{gathered} 150.4 \\ (130.1,171.2) \end{gathered}$ | $\begin{gathered} 85157 \\ (73120,98501) \end{gathered}$ | $\begin{gathered} 123.9 \\ (107.5,142.0) \end{gathered}$ | $\begin{gathered} -17.6 \\ (-18.8,-16.4) \end{gathered}$ |
| Romania | $\begin{gathered} 35182 \\ (30049,40517) \end{gathered}$ | $\begin{gathered} 125.6 \\ (107.9,143.8) \end{gathered}$ | $\begin{gathered} 42658 \\ (36548,49232) \end{gathered}$ | $\begin{gathered} 116.4 \\ (100.8,133.3) \end{gathered}$ | $\begin{gathered} -7.3 \\ (-11.6,-3.1) \end{gathered}$ |
| Serbia | $\begin{gathered} 14873 \\ (12602,17298) \end{gathered}$ | $\begin{gathered} 130.4 \\ (112.4,149.0) \end{gathered}$ | $\begin{gathered} 21166 \\ (18052,24604) \end{gathered}$ | $\begin{gathered} 133.2 \\ (116.1,153.2) \end{gathered}$ | $\begin{gathered} 2.2 \\ (-2.3,6.5) \end{gathered}$ |


| Slovakia | $\begin{gathered} 8156 \\ (7025,9370) \end{gathered}$ | $\begin{gathered} 136.8 \\ (118.0,156.8) \end{gathered}$ | $\begin{gathered} 10317 \\ (8811,11884) \end{gathered}$ | $\begin{gathered} 112.0 \\ (96.5,127.9) \end{gathered}$ | $\begin{gathered} -18.1 \\ (-21.7,-14.3) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Slovenia | $\begin{gathered} 3142 \\ (2721,3646) \end{gathered}$ | $\begin{gathered} 128.9 \\ (112.1,148.9) \end{gathered}$ | $\begin{gathered} 4752 \\ (4113,5493) \end{gathered}$ | $\begin{gathered} 114.5 \\ (99.6,132.3) \end{gathered}$ | $\begin{gathered} -11.2 \\ (-15.0,-7.2) \end{gathered}$ |
| Eastern Europe | $\begin{gathered} 436405 \\ (377566,500222) \end{gathered}$ | $\begin{gathered} 156.7 \\ (135.4,178.4) \end{gathered}$ | $\begin{gathered} 530342 \\ (458792,609014) \end{gathered}$ | $\begin{gathered} 153.7 \\ (133.6,175.5) \end{gathered}$ | $\begin{gathered} -1.9 \\ (-3.3,-0.6) \end{gathered}$ |
| Belarus | $\begin{gathered} 18608 \\ (15877,21465) \end{gathered}$ | $\begin{gathered} 143.9 \\ (124.3,165.3) \end{gathered}$ | $\begin{gathered} 21964 \\ (18929,25332) \end{gathered}$ | $\begin{gathered} 138.8 \\ (120.5,159.4) \end{gathered}$ | $\begin{gathered} -3.5 \\ (-8.0,0.8) \end{gathered}$ |
| Estonia | $\begin{gathered} 2968 \\ (2555,3436) \end{gathered}$ | $\begin{gathered} 144.7 \\ (124.7,166.6) \end{gathered}$ | $\begin{gathered} 3424 \\ (2961,3958) \end{gathered}$ | $\begin{gathered} 135.9 \\ (117.5,155.8) \end{gathered}$ | $\begin{gathered} -6.1 \\ (-10.3,-1.5) \end{gathered}$ |
| Latvia | $\begin{gathered} 4610 \\ (4001,5341) \end{gathered}$ | $\begin{gathered} 128.5 \\ (111.7,148.8) \end{gathered}$ | $\begin{gathered} 5160 \\ (4445,5981) \end{gathered}$ | $\begin{gathered} 134.5 \\ (116.2,154.9) \end{gathered}$ | $\begin{gathered} 4.7 \\ (-0.1,9.9) \end{gathered}$ |
| Lithuania | $\begin{gathered} 6354 \\ (5495,7374) \end{gathered}$ | $\begin{gathered} 140.9 \\ (121.1,163.7) \end{gathered}$ | $\begin{gathered} 7170 \\ (6195,8300) \end{gathered}$ | $\begin{gathered} 129.5 \\ (111.5,149.5) \end{gathered}$ | $\begin{gathered} -8.1 \\ (-12.4,-3.8) \end{gathered}$ |
| Republic of Moldova | $\begin{gathered} 5668 \\ (4879,6528) \end{gathered}$ | $\begin{gathered} 129.9 \\ (113.1,148.4) \end{gathered}$ | $\begin{gathered} 7973 \\ (6820,9239) \end{gathered}$ | $\begin{gathered} 137.8 \\ (118.5,158.4) \end{gathered}$ | $\begin{gathered} 6.0 \\ (1.3,11.1) \end{gathered}$ |
| Russian Federation | $\begin{gathered} 283113 \\ (244973,326193) \end{gathered}$ | $\begin{gathered} 158.0 \\ (136.7,181.0) \end{gathered}$ | $\begin{gathered} 364732 \\ (314648,420894) \end{gathered}$ | $\begin{gathered} 154.9 \\ (134.0,177.4) \end{gathered}$ | $\begin{gathered} -1.9 \\ (-2.8,-1.1) \end{gathered}$ |
| Ukraine | $\begin{gathered} 115084 \\ (99092,131283) \end{gathered}$ | $\begin{gathered} 160.4 \\ (138.6,181.9) \end{gathered}$ | $\begin{gathered} 119920 \\ (103832,137658) \end{gathered}$ | $\begin{gathered} 157.5 \\ (136.9,179.5) \end{gathered}$ | $\begin{gathered} -1.8 \\ (-6.6,3.0) \end{gathered}$ |
| High-income Asia Pacific | $\begin{gathered} 388227 \\ (338423,442137) \end{gathered}$ | $\begin{gathered} 190.3 \\ (166.6,216.0) \end{gathered}$ | $\begin{gathered} 489495 \\ (426049,565312) \end{gathered}$ | $\begin{gathered} 115.5 \\ (100.5,131.8) \end{gathered}$ | $\begin{gathered} -39.3 \\ (-40.2,-38.4) \end{gathered}$ |
| Brunei Darussalam | $\begin{gathered} 178 \\ (154,202) \end{gathered}$ | $\begin{gathered} 186.6 \\ (162.8,213.8) \end{gathered}$ | $\begin{gathered} 400 \\ (343,460) \end{gathered}$ | $\begin{gathered} 131.2 \\ (114.2,150.4) \end{gathered}$ | $\begin{gathered} -29.7 \\ (-32.6,-26.7) \end{gathered}$ |
| Japan | $\begin{gathered} 332924 \\ (291379,379153) \end{gathered}$ | $\begin{gathered} 193.2 \\ (169.4,219.4) \end{gathered}$ | $\begin{gathered} 382153 \\ (332674,442062) \end{gathered}$ | $\begin{gathered} 118.0 \\ (102.4,135.1) \end{gathered}$ | $\begin{gathered} -39.0 \\ (-39.8,-38.2) \end{gathered}$ |
| Republic of Korea | $\begin{gathered} 51691 \\ (44587,59198) \end{gathered}$ | $\begin{gathered} 178.1 \\ (154.8,203.3) \end{gathered}$ | $\begin{gathered} 99178 \\ (85614,114035) \end{gathered}$ | $\begin{gathered} 110.2 \\ (95.2,126.2) \end{gathered}$ | $\begin{gathered} -38.1 \\ (-41.1,-35.1) \end{gathered}$ |
| Singapore | $\begin{gathered} 3434 \\ (2980,3939) \end{gathered}$ | $\begin{gathered} 156.7 \\ (135.8,181.0) \end{gathered}$ | $\begin{gathered} 7765 \\ (6703,8955) \end{gathered}$ | $\begin{gathered} 98.0 \\ (85.0,112.7) \end{gathered}$ | $\begin{gathered} -37.5 \\ (-39.9,-34.8) \end{gathered}$ |
| Australasia | $\begin{gathered} 41594 \\ (35951,47669) \end{gathered}$ | $\begin{gathered} 176.2 \\ (153.0,200.4) \end{gathered}$ | $\begin{gathered} 54525 \\ (46977,62630) \end{gathered}$ | $\begin{gathered} 113.3 \\ (98.3,130.1) \end{gathered}$ | $\begin{gathered} -35.7 \\ (-37.9,-33.1) \end{gathered}$ |
| Australia | $\begin{gathered} 34391 \\ (29575,39395) \end{gathered}$ | $\begin{gathered} 174.7 \\ (152.0,199.2) \end{gathered}$ | $\begin{gathered} 45835 \\ (39534,52648) \end{gathered}$ | $\begin{gathered} 113.2 \\ (97.9,129.8) \end{gathered}$ | $\begin{gathered} -35.2 \\ (-37.9,-32.2) \end{gathered}$ |
| New Zealand | $\begin{gathered} 7203 \\ (6241,8263) \end{gathered}$ | $\begin{gathered} 183.6 \\ (160.3,210.1) \end{gathered}$ | $\begin{gathered} 8689 \\ (7488,9989) \end{gathered}$ | $\begin{gathered} 114.1 \\ (98.8,130.6) \end{gathered}$ | $\begin{gathered} -37.9 \\ (-40.7,-35.4) \end{gathered}$ |
| Western Europe | $\begin{gathered} 1390569 \\ (1222539,1579639) \end{gathered}$ | $\begin{gathered} 244.8 \\ (214.7,277.9) \end{gathered}$ | $\begin{gathered} 1393111 \\ (1215264,1597268) \end{gathered}$ | $\begin{gathered} 165.2 \\ (143.3,189.1) \end{gathered}$ | $\begin{gathered} -32.5 \\ (-33.6,-31.5) \end{gathered}$ |
| Andorra | $\begin{gathered} 119 \\ (103,138) \end{gathered}$ | $\begin{gathered} 210.1 \\ (182.6,239.8) \end{gathered}$ | $\begin{gathered} 219 \\ (190,249) \end{gathered}$ | $\begin{gathered} 156.8 \\ (135.7,179.1) \end{gathered}$ | $\begin{gathered} -25.4 \\ (-28.7,-22.0) \end{gathered}$ |
| Austria | $\begin{gathered} 26225 \\ (22736,29889) \end{gathered}$ | $\begin{gathered} 226.3 \\ (197.4,256.3) \end{gathered}$ | $\begin{gathered} 27965 \\ (24324,32064) \end{gathered}$ | $\begin{gathered} 167.7 \\ (145.2,191.8) \end{gathered}$ | $\begin{gathered} -25.9 \\ (-29.3,-22.2) \end{gathered}$ |


| Belgium | $\begin{gathered} 36815 \\ (32113,42059) \end{gathered}$ | $\begin{gathered} 243.9 \\ (214.1,276.7) \end{gathered}$ | $\begin{gathered} 38579 \\ (33524,44772) \end{gathered}$ | $\begin{gathered} 183.0 \\ (159.1,211.1) \end{gathered}$ | $\begin{gathered} -25.0 \\ (-28.3,-21.7) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Cyprus | $\begin{gathered} 2078 \\ (1799,2379) \end{gathered}$ | $\begin{gathered} 244.1 \\ (213.8,276.3) \end{gathered}$ | $\begin{gathered} 3683 \\ (3164,4260) \end{gathered}$ | $\begin{gathered} 189.0 \\ (162.8,217.1) \end{gathered}$ | $\begin{gathered} -22.6 \\ (-25.8,-19.1) \end{gathered}$ |
| Denmark | $\begin{gathered} 25893 \\ (22713,29304) \end{gathered}$ | $\begin{gathered} 332.5 \\ (292.3,375.6) \end{gathered}$ | $\begin{gathered} 24444 \\ (20923,28170) \end{gathered}$ | $\begin{gathered} 224.9 \\ (194.6,257.5) \end{gathered}$ | $\begin{gathered} -32.4 \\ (-35.3,-29.2) \end{gathered}$ |
| Finland | $\begin{gathered} 17061 \\ (14923,19629) \end{gathered}$ | $\begin{gathered} 239.9 \\ (210.5,275.0) \end{gathered}$ | $\begin{gathered} 18704 \\ (16009,21672) \end{gathered}$ | $\begin{gathered} 163.0 \\ (141.6,186.0) \end{gathered}$ | $\begin{gathered} -32.1 \\ (-35.1,-28.8) \end{gathered}$ |
| France | $\begin{gathered} 183510 \\ (160444,208980) \end{gathered}$ | $\begin{gathered} 227.8 \\ (199.8,261.1) \end{gathered}$ | $\begin{gathered} 200516 \\ (172867,231304) \end{gathered}$ | $\begin{gathered} 159.6 \\ (137.0,183.6) \end{gathered}$ | $\begin{gathered} -29.9 \\ (-33.3,-26.6) \end{gathered}$ |
| Germany | $\begin{gathered} 309841 \\ (270719,351553) \end{gathered}$ | $\begin{gathered} 251.2 \\ (219.8,284.3) \end{gathered}$ | $\begin{gathered} 289033 \\ (251628,332268) \end{gathered}$ | $\begin{gathered} 165.2 \\ (143.4,190.5) \end{gathered}$ | $\begin{gathered} -34.2 \\ (-36.9,-31.2) \end{gathered}$ |
| Greece | $\begin{gathered} 37744 \\ (32581,43051) \end{gathered}$ | $\begin{gathered} 248.7 \\ (216.1,282.9) \end{gathered}$ | $\begin{gathered} 38611 \\ (33510,44657) \end{gathered}$ | $\begin{gathered} 180.4 \\ (155.0,207.4) \end{gathered}$ | $\begin{gathered} -27.5 \\ (-30.8,-24.5) \end{gathered}$ |
| Iceland | $\begin{gathered} 669 \\ (586,759) \end{gathered}$ | $\begin{gathered} 239.7 \\ (210.4,270.8) \end{gathered}$ | $\begin{gathered} 866 \\ (750,1000) \end{gathered}$ | $\begin{gathered} 162.8 \\ (141.3,187.1) \end{gathered}$ | $\begin{gathered} -32.1 \\ (-35.3,-28.8) \end{gathered}$ |
| Ireland | $\begin{gathered} 11142 \\ (9722,12704) \end{gathered}$ | $\begin{gathered} 271.8 \\ (238.9,307.4) \end{gathered}$ | $\begin{gathered} 13174 \\ (11403,15135) \end{gathered}$ | $\begin{gathered} 179.4 \\ (155.4,205.3) \end{gathered}$ | $\begin{gathered} -34.0 \\ (-36.9,-31.0) \end{gathered}$ |
| Israel | $\begin{gathered} 11641 \\ (10039,13311) \end{gathered}$ | $\begin{gathered} 239.4 \\ (207.8,273.2) \end{gathered}$ | $\begin{gathered} 20089 \\ (17306,23237) \end{gathered}$ | $\begin{gathered} 177.2 \\ (154.2,203.7) \end{gathered}$ | $\begin{gathered} -26.0 \\ (-29.1,-23.2) \end{gathered}$ |
| Italy | $\begin{gathered} 225747 \\ (197450,257479) \end{gathered}$ | $\begin{gathered} 256.6 \\ (224.6,289.7) \end{gathered}$ | $\begin{gathered} 220872 \\ (192590,251583) \end{gathered}$ | $\begin{gathered} 169.5 \\ (146.8,192.4) \end{gathered}$ | $\begin{gathered} -34.0 \\ (-34.9,-32.9) \end{gathered}$ |
| Luxembourg | $\begin{gathered} 1345 \\ (1180,1541) \end{gathered}$ | $\begin{gathered} 248.6 \\ (218.5,283.5) \end{gathered}$ | $\begin{gathered} 1729 \\ (1508,1993) \end{gathered}$ | $\begin{gathered} 179.9 \\ (156.3,206.9) \end{gathered}$ | $\begin{gathered} -27.7 \\ (-30.8,-24.7) \end{gathered}$ |
| Malta | $\begin{gathered} 1145 \\ (1002,1303) \end{gathered}$ | $\begin{gathered} 263.1 \\ (231.4,299.2) \end{gathered}$ | $\begin{gathered} 1707 \\ (1460,1986) \end{gathered}$ | $\begin{gathered} 191.7 \\ (165.9,219.0) \end{gathered}$ | $\begin{gathered} -27.1 \\ (-30.4,-23.6) \end{gathered}$ |
| Monaco | $\begin{gathered} 151 \\ (132,172) \end{gathered}$ | $\begin{gathered} 230.2 \\ (201.5,260.3) \end{gathered}$ | $\begin{gathered} 142 \\ (123,164) \end{gathered}$ | $\begin{gathered} 163.2 \\ (140.9,186.6) \end{gathered}$ | $\begin{gathered} -29.1 \\ (-32.2,-25.9) \end{gathered}$ |
| Netherlands | $\begin{gathered} 47603 \\ (42279,53208) \end{gathered}$ | $\begin{gathered} 242.1 \\ (215.4,269.8) \end{gathered}$ | $\begin{gathered} 54089 \\ (46692,62540) \end{gathered}$ | $\begin{gathered} 165.8 \\ (144.2,191.3) \end{gathered}$ | $\begin{gathered} -31.5 \\ (-36.1,-26.2) \end{gathered}$ |
| Norway | $\begin{gathered} 16080 \\ (14002,18347) \end{gathered}$ | $\begin{gathered} 246.0 \\ (215.1,278.6) \end{gathered}$ | $\begin{gathered} 15869 \\ (13791,18247) \end{gathered}$ | $\begin{gathered} 174.0 \\ (151.2,198.8) \end{gathered}$ | $\begin{gathered} -29.3 \\ (-30.3,-28.3) \end{gathered}$ |
| Portugal | $\begin{gathered} 32695 \\ (28236,37425) \end{gathered}$ | $\begin{gathered} 232.1 \\ (202.8,264.4) \end{gathered}$ | $\begin{gathered} 37947 \\ (32744,43571) \end{gathered}$ | $\begin{gathered} 170.1 \\ (146.8,194.9) \end{gathered}$ | $\begin{gathered} -26.7 \\ (-29.9,-22.4) \end{gathered}$ |
| Spain | $\begin{gathered} 123551 \\ (107319,142557) \end{gathered}$ | $\begin{gathered} 226.8 \\ (198.8,259.6) \end{gathered}$ | $\begin{gathered} 140759 \\ (122901,161423) \end{gathered}$ | $\begin{gathered} 158.4 \\ (137.5,182.2) \end{gathered}$ | $\begin{gathered} -30.2 \\ (-33.2,-27.1) \end{gathered}$ |
| Sweden | $\begin{gathered} 34923 \\ (30599,39842) \end{gathered}$ | $\begin{gathered} 242.0 \\ (212.5,274.6) \end{gathered}$ | $\begin{gathered} 33364 \\ (28824,38712) \end{gathered}$ | $\begin{gathered} 172.9 \\ (149.6,198.7) \end{gathered}$ | $\begin{gathered} -28.5 \\ (-31.0,-25.9) \end{gathered}$ |
| Switzerland | $\begin{gathered} 23193 \\ (20230,26463) \end{gathered}$ | $\begin{gathered} 230.3 \\ (200.2,263.4) \end{gathered}$ | $\begin{gathered} 26930 \\ (23278,31209) \end{gathered}$ | $\begin{gathered} 166.5 \\ (143.8,192.1) \end{gathered}$ | $\begin{gathered} -27.7 \\ (-31.1,-24.8) \end{gathered}$ |
| United Kingdom | $\begin{gathered} 220166 \\ (192422,249951) \end{gathered}$ | $\begin{gathered} 249.0 \\ (217.9,281.4) \end{gathered}$ | $\begin{gathered} 182505 \\ (158815,209020) \end{gathered}$ | $\begin{gathered} 153.9 \\ (133.5,175.6) \end{gathered}$ | $\begin{gathered} -38.2 \\ (-38.9,-37.4) \end{gathered}$ |


| Southern Latin America | $\begin{gathered} 90943 \\ (78778,104700) \end{gathered}$ | $\begin{gathered} 196.1 \\ (170.3,224.0) \end{gathered}$ | $\begin{gathered} 120461 \\ (104212,138563) \end{gathered}$ | $\begin{gathered} 145.0 \\ (125.3,166.7) \end{gathered}$ | $\begin{gathered} -26.1 \\ (-28.5,-23.2) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Argentina | $\begin{gathered} 63315 \\ (54630,73271) \end{gathered}$ | $\begin{gathered} 194.7 \\ (169.6,224.3) \end{gathered}$ | $\begin{gathered} 78132 \\ (67173,90212) \end{gathered}$ | $\begin{gathered} 145.2 \\ (125.0,167.7) \end{gathered}$ | $\begin{gathered} -25.4 \\ (-28.8,-21.4) \end{gathered}$ |
| Chile | $\begin{gathered} 19116 \\ (16610,21711) \end{gathered}$ | $\begin{gathered} 192.3 \\ (167.0,218.4) \end{gathered}$ | $\begin{gathered} 34104 \\ (29370,39125) \end{gathered}$ | $\begin{gathered} 141.8 \\ (122.4,162.7) \end{gathered}$ | $\begin{gathered} -26.2 \\ (-29.5,-22.5) \end{gathered}$ |
| Uruguay | $\begin{gathered} 8508 \\ (7395,9744) \end{gathered}$ | $\begin{gathered} 217.5 \\ (190.0,247.5) \end{gathered}$ | $\begin{gathered} 8219 \\ (7134,9371) \end{gathered}$ | $\begin{gathered} 157.8 \\ (136.5,179.9) \end{gathered}$ | $\begin{gathered} -27.5 \\ (-30.5,-24.4) \end{gathered}$ |
| High-income North America | $\begin{gathered} 944244 \\ (818052,1078722) \end{gathered}$ | $\begin{gathered} 271.8 \\ (235.8,308.9) \end{gathered}$ | $\begin{gathered} 1191366 \\ (1063013,1335557) \end{gathered}$ | $\begin{gathered} 193.5 \\ (173.7,215.6) \end{gathered}$ | $\begin{gathered} -28.8 \\ (-33.1,-23.8) \end{gathered}$ |
| Canada | $\begin{gathered} 101410 \\ (88677,114888) \end{gathered}$ | $\begin{gathered} 311.9 \\ (274.5,351.6) \end{gathered}$ | $\begin{gathered} 126540 \\ (109188,145389) \end{gathered}$ | $\begin{gathered} 189.9 \\ (165.0,215.8) \end{gathered}$ | $\begin{gathered} -39.1 \\ (-42.0,-36.1) \end{gathered}$ |
| United States of America | $\begin{gathered} 842705 \\ (730147,964536) \end{gathered}$ | $\begin{gathered} 267.5 \\ (231.8,304.4) \end{gathered}$ | $\begin{gathered} 1064669 \\ (951501,1189965) \end{gathered}$ | $\begin{gathered} 193.9 \\ (174.5,215.5) \end{gathered}$ | $\begin{gathered} -27.5 \\ (-32.3,-21.6) \end{gathered}$ |
| Greenland | $\begin{gathered} 107 \\ (94,122) \end{gathered}$ | $\begin{gathered} 312.9 \\ (275.5,352.6) \end{gathered}$ | $\begin{gathered} 139 \\ (119,161) \end{gathered}$ | $\begin{gathered} 197.8 \\ (172.4,226.9) \end{gathered}$ | $\begin{gathered} -36.8 \\ (-39.3,-34.2) \end{gathered}$ |
| Caribbean | $\begin{gathered} 27342 \\ (23488,31485) \end{gathered}$ | $\begin{gathered} 106.0 \\ (91.3,122.1) \end{gathered}$ | $\begin{gathered} 51482 \\ (44448,59163) \end{gathered}$ | $\begin{gathered} 99.3 \\ (85.8,114.2) \end{gathered}$ | $\begin{gathered} -6.3 \\ (-8.0,-4.1) \end{gathered}$ |
| Antigua and Barbuda | $\begin{gathered} 54 \\ (46,62) \end{gathered}$ | $\begin{gathered} 101.6 \\ (87.6,117.0) \end{gathered}$ | $\begin{gathered} 97 \\ (83,112) \end{gathered}$ | $\begin{gathered} 95.4 \\ (82.1,109.8) \end{gathered}$ | $\begin{gathered} -6.1 \\ (-10.5,-1.7) \end{gathered}$ |
| Bahamas | $\begin{gathered} 145 \\ (125,167) \end{gathered}$ | $\begin{gathered} 97.2 \\ (83.7,112.6) \end{gathered}$ | $\begin{gathered} 360 \\ (311,416) \end{gathered}$ | $\begin{gathered} 93.2 \\ (80.4,107.5) \end{gathered}$ | $\begin{gathered} -4.1 \\ (-8.4,0.3) \end{gathered}$ |
| Barbados | $\begin{gathered} 294 \\ (251,339) \end{gathered}$ | $\begin{gathered} 101.4 \\ (87.4,116.5) \end{gathered}$ | $\begin{gathered} 481 \\ (413,556) \end{gathered}$ | $\begin{gathered} 97.3 \\ (84.4,112.0) \end{gathered}$ | $\begin{gathered} -4.1 \\ (-8.4,1.0) \end{gathered}$ |
| Belize | $\begin{gathered} 93 \\ (81,107) \end{gathered}$ | $\begin{gathered} 102.7 \\ (88.7,118.3) \end{gathered}$ | $\begin{gathered} 266 \\ (229,306) \end{gathered}$ | $\begin{gathered} 98.8 \\ (85.3,113.9) \end{gathered}$ | $\begin{gathered} -3.8 \\ (-7.8,0.9) \end{gathered}$ |
| Bermuda | $\begin{gathered} 59 \\ (50,68) \end{gathered}$ | $\begin{gathered} 94.1 \\ (80.8,108.7) \end{gathered}$ | $\begin{gathered} 114 \\ (98,131) \end{gathered}$ | $\begin{gathered} 88.5 \\ (76.2,102.0) \end{gathered}$ | $\begin{gathered} -6.0 \\ (-9.8,-1.9) \end{gathered}$ |
| Cuba | $\begin{gathered} 11472 \\ (9925,13283) \end{gathered}$ | $\begin{gathered} 111.7 \\ (96.6,129.1) \end{gathered}$ | $\begin{gathered} 19094 \\ (16440,21899) \end{gathered}$ | $\begin{gathered} 100.6 \\ (86.1,115.8) \end{gathered}$ | $\begin{gathered} -9.9 \\ (-13.6,-5.4) \end{gathered}$ |
| Dominica | $\begin{gathered} 72 \\ (62,85) \end{gathered}$ | $\begin{gathered} 101.1 \\ (87.2,117.1) \end{gathered}$ | $\begin{gathered} 85 \\ (74,99) \end{gathered}$ | $\begin{gathered} 94.9 \\ (81.7,110.0) \end{gathered}$ | $\begin{gathered} -6.1 \\ (-10.0,-2.1) \end{gathered}$ |
| Dominican Republic | $\begin{gathered} 3810 \\ (3289,4380) \end{gathered}$ | $\begin{gathered} 105.5 \\ (90.6,120.9) \end{gathered}$ | $\begin{gathered} 9217 \\ (7973,10599) \end{gathered}$ | $\begin{gathered} 100.5 \\ (87.0,116.3) \end{gathered}$ | $\begin{gathered} -4.7 \\ (-8.8,-0.3) \end{gathered}$ |
| Grenada | $\begin{gathered} 75 \\ (64,87) \end{gathered}$ | $\begin{gathered} 104.8 \\ (89.6,120.7) \end{gathered}$ | $\begin{gathered} 113 \\ (96,130) \end{gathered}$ | $\begin{gathered} 100.9 \\ (86.6,115.7) \end{gathered}$ | $\begin{gathered} -3.7 \\ (-8.5,0.6) \end{gathered}$ |
| Guyana | $\begin{gathered} 386 \\ (333,442) \end{gathered}$ | $\begin{gathered} 105.9 \\ (91.4,121.1) \end{gathered}$ | $\begin{gathered} 624 \\ (535,726) \end{gathered}$ | $\begin{gathered} 101.8 \\ (88.5,117.5) \end{gathered}$ | $\begin{gathered} -3.9 \\ (-8.3,0.8) \end{gathered}$ |
| Haiti | $\begin{gathered} 3117 \\ (2673,3616) \end{gathered}$ | $\begin{gathered} 100.7 \\ (87.6,116.0) \end{gathered}$ | $\begin{gathered} 6372 \\ (5436,7365) \end{gathered}$ | $\begin{gathered} 95.4 \\ (81.7,109.8) \end{gathered}$ | $\begin{gathered} -5.3 \\ (-9.2,-0.9) \end{gathered}$ |
| Jamaica | $\begin{gathered} 1796 \\ (1540,2061) \end{gathered}$ | $\begin{gathered} 101.5 \\ (87.2,116.6) \end{gathered}$ | $\begin{gathered} 3201 \\ (2757,3682) \end{gathered}$ | $\begin{gathered} 108.0 \\ (92.7,124.7) \end{gathered}$ | $\begin{gathered} 6.4 \\ (1.8,11.1) \end{gathered}$ |


| Puerto Rico | 3532 <br> $(3026,4086)$ | $(83.2,111.7)$ | $(5614,7553)$ | $(80.5,107.8)$ | $(-7.8,0.6)$ |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Saint Kitts and <br> Nevis | 96 | 9502 | $(33,46)$ | $(88.6,119.0)$ | $(54,74)$ |


| Tropical Latin America | $\begin{gathered} 105614 \\ (91130,121097) \end{gathered}$ | $\begin{gathered} 118.4 \\ (102.1,135.5) \end{gathered}$ | $\begin{gathered} 229885 \\ (198050,263869) \end{gathered}$ | $\begin{gathered} 95.0 \\ (82.1,108.8) \end{gathered}$ | $\begin{gathered} -19.8 \\ (-21.0,-18.6) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Brazil | $\begin{gathered} 103137 \\ (88949,118284) \end{gathered}$ | $\begin{gathered} 118.5 \\ (102.3,135.6) \end{gathered}$ | $\begin{gathered} 224008 \\ (192996,257137) \end{gathered}$ | $\begin{gathered} 94.7 \\ (81.9,108.4) \end{gathered}$ | $\begin{gathered} -20.1 \\ (-21.3,-18.9) \end{gathered}$ |
| Paraguay | $\begin{gathered} 2477 \\ (2130,2846) \end{gathered}$ | $\begin{gathered} 114.3 \\ (98.3,131.6) \end{gathered}$ | $\begin{gathered} 5877 \\ (5057,6772) \end{gathered}$ | $\begin{gathered} 107.5 \\ (92.8,124.3) \end{gathered}$ | $\begin{gathered} -6.0 \\ (-10.3,-1.3) \end{gathered}$ |
| North Africa and Middle East | $\begin{gathered} 185982 \\ (160214,214589) \end{gathered}$ | $\begin{gathered} 111.5 \\ (96.4,127.9) \end{gathered}$ | $\begin{gathered} 470128 \\ (407448,537521) \end{gathered}$ | $\begin{gathered} 109.7 \\ (95.0,125.8) \end{gathered}$ | $\begin{gathered} -1.6 \\ (-2.9,-0.3) \end{gathered}$ |
| Afghanistan | $\begin{gathered} 7086 \\ (6078,8167) \end{gathered}$ | $\begin{gathered} 101.1 \\ (88.0,115.8) \end{gathered}$ | $\begin{gathered} 13378 \\ (11479,15318) \end{gathered}$ | $\begin{gathered} 111.6 \\ (96.9,127.0) \end{gathered}$ | $\begin{gathered} 10.4 \\ (5.4,15.5) \end{gathered}$ |
| Algeria | $\begin{gathered} 13496 \\ (11500,15776) \end{gathered}$ | $\begin{gathered} 111.4 \\ (95.9,128.3) \end{gathered}$ | $\begin{gathered} 36813 \\ (31831,42159) \end{gathered}$ | $\begin{gathered} 109.9 \\ (94.9,125.8) \end{gathered}$ | $\begin{gathered} -1.3 \\ (-5.4,2.8) \end{gathered}$ |
| Bahrain | $\begin{gathered} 200 \\ (172,229) \end{gathered}$ | $\begin{gathered} 112.6 \\ (97.5,130.1) \end{gathered}$ | $\begin{gathered} 1223 \\ (1038,1425) \end{gathered}$ | $\begin{gathered} 110.1 \\ (95.0,126.8) \end{gathered}$ | $\begin{gathered} -2.3 \\ (-6.5,2.1) \end{gathered}$ |
| Egypt | $\begin{gathered} 29697 \\ (25599,34272) \end{gathered}$ | $\begin{gathered} 104.7 \\ (91.0,119.6) \end{gathered}$ | $\begin{gathered} 69881 \\ (59921,81408) \end{gathered}$ | $\begin{gathered} 111.2 \\ (95.7,128.8) \end{gathered}$ | $\begin{gathered} 6.2 \\ (1.6,11.2) \end{gathered}$ |
| Iran (Islamic Republic of) | $\begin{gathered} 26707 \\ (22830,30950) \end{gathered}$ | $\begin{gathered} 105.5 \\ (91.5,120.7) \end{gathered}$ | $\begin{gathered} 80255 \\ (69882,91879) \end{gathered}$ | $\begin{gathered} 110.7 \\ (95.9,127.0) \end{gathered}$ | $\begin{gathered} 4.9 \\ (3.7,6.2) \end{gathered}$ |
| Iraq | $\begin{gathered} 10182 \\ (8822,11662) \end{gathered}$ | $\begin{gathered} 134.2 \\ (116.0,154.4) \end{gathered}$ | $\begin{gathered} 27561 \\ (23774,31488) \end{gathered}$ | $\begin{gathered} 121.3 \\ (105.1,139.7) \end{gathered}$ | $\begin{gathered} -9.6 \\ (-13.7,-5.7) \end{gathered}$ |
| Jordan | $\begin{gathered} 1554 \\ (1330,1790) \end{gathered}$ | $\begin{gathered} 119.4 \\ (102.1,137.5) \end{gathered}$ | $\begin{gathered} 7741 \\ (6660,8923) \end{gathered}$ | $\begin{gathered} 117.1 \\ (100.9,134.6) \end{gathered}$ | $\begin{gathered} -1.9 \\ (-6.0,2.9) \end{gathered}$ |
| Kuwait | $\begin{gathered} 610 \\ (523,698) \end{gathered}$ | $\begin{gathered} 99.8 \\ (86.9,113.8) \end{gathered}$ | $\begin{gathered} 2849 \\ (2421,3261) \end{gathered}$ | $\begin{gathered} 102.6 \\ (88.5,118.1) \end{gathered}$ | $\begin{gathered} 2.7 \\ (-1.5,7.2) \end{gathered}$ |
| Lebanon | $\begin{gathered} 2868 \\ (2454,3319) \end{gathered}$ | $\begin{gathered} 126.6 \\ (110.0,145.6) \end{gathered}$ | $\begin{gathered} 6750 \\ (5835,7779) \end{gathered}$ | $\begin{gathered} 130.3 \\ (112.6,151.0) \end{gathered}$ | $\begin{gathered} 2.9 \\ (-1.9,7.3) \end{gathered}$ |
| Libya | $\begin{gathered} 1863 \\ (1613,2122) \end{gathered}$ | $\begin{gathered} 102.9 \\ (89.1,117.4) \end{gathered}$ | $\begin{gathered} 5559 \\ (4839,6345) \end{gathered}$ | $\begin{gathered} 109.6 \\ (94.9,125.6) \end{gathered}$ | $\begin{gathered} 6.6 \\ (2.1,11.0) \end{gathered}$ |
| Morocco | $\begin{gathered} 14740 \\ (12666,17029) \end{gathered}$ | $\begin{gathered} 110.7 \\ (95.8,126.7) \end{gathered}$ | $\begin{gathered} 33771 \\ (29103,38960) \end{gathered}$ | $\begin{gathered} 108.9 \\ (94.1,125.2) \end{gathered}$ | $\begin{gathered} -1.6 \\ (-5.7,2.8) \end{gathered}$ |
| Palestine | $\begin{gathered} 926 \\ (792,1061) \end{gathered}$ | $\begin{gathered} 110.0 \\ (94.8,125.7) \end{gathered}$ | $\begin{gathered} 2557 \\ (2215,2940) \end{gathered}$ | $\begin{gathered} 109.4 \\ (94.9,124.7) \end{gathered}$ | $\begin{gathered} -0.5 \\ (-4.9,4.0) \end{gathered}$ |
| Oman | $\begin{gathered} 658 \\ (564,756) \end{gathered}$ | $\begin{gathered} 102.1 \\ (88.6,117.0) \end{gathered}$ | $\begin{gathered} 2008 \\ (1711,2322) \end{gathered}$ | $\begin{gathered} 110.5 \\ (94.9,127.3) \end{gathered}$ | $\begin{gathered} 8.3 \\ (4.1,13.5) \end{gathered}$ |
| Qatar | $\begin{gathered} 140 \\ (118,163) \end{gathered}$ | $\begin{gathered} 111.2 \\ (96.2,128.2) \end{gathered}$ | $\begin{gathered} 1145 \\ (958,1350) \end{gathered}$ | $\begin{gathered} 97.6 \\ (84.6,112.5) \end{gathered}$ | $\begin{gathered} -12.2 \\ (-16.1,-8.3) \end{gathered}$ |
| Saudi Arabia | $\begin{gathered} 5260 \\ (4545,5993) \end{gathered}$ | $\begin{gathered} 91.7 \\ (79.2,105.4) \end{gathered}$ | $\begin{gathered} 17163 \\ (14537,19762) \end{gathered}$ | $\begin{gathered} 93.1 \\ (80.4,107.5) \end{gathered}$ | $\begin{gathered} 1.6 \\ (-3.5,5.7) \end{gathered}$ |
| Sudan | $\begin{gathered} 8160 \\ (7032,9413) \end{gathered}$ | $\begin{gathered} 90.7 \\ (78.7,103.8) \end{gathered}$ | $\begin{gathered} 17396 \\ (14994,19882) \end{gathered}$ | $\begin{gathered} 95.8 \\ (82.5,109.3) \end{gathered}$ | $\begin{gathered} 5.7 \\ (0.7,10.1) \end{gathered}$ |
| Syrian Arab Republic | $\begin{gathered} 5701 \\ (4906,6613) \end{gathered}$ | $\begin{gathered} 112.2 \\ (97.0,130.1) \end{gathered}$ | $\begin{gathered} 13404 \\ (11450,15422) \end{gathered}$ | $\begin{gathered} 107.3 \\ (92.7,123.3) \end{gathered}$ | $\begin{gathered} -4.4 \\ (-8.0,0.0) \end{gathered}$ |


| Tunisia | $\begin{gathered} 5554 \\ (4735,6415) \end{gathered}$ | $\begin{gathered} 111.8 \\ (96.5,128.6) \end{gathered}$ | $\begin{gathered} 14331 \\ (12428,16529) \end{gathered}$ | $\begin{gathered} 113.2 \\ (98.6,129.8) \end{gathered}$ | $\begin{gathered} 1.3 \\ (-3.5,6.0) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Türkiye | $\begin{gathered} 45181 \\ (38848,51980) \end{gathered}$ | $\begin{gathered} 128.8 \\ (111.2,147.9) \end{gathered}$ | $\begin{gathered} 97349 \\ (84428,111440) \end{gathered}$ | $\begin{gathered} 110.0 \\ (95.5,126.1) \end{gathered}$ | $\begin{gathered} -14.6 \\ (-18.3,-10.5) \end{gathered}$ |
| United Arab Emirates | $\begin{gathered} 452 \\ (379,525) \end{gathered}$ | $\begin{gathered} 98.1 \\ (84.3,112.6) \end{gathered}$ | $\begin{gathered} 4719 \\ (3924,5598) \end{gathered}$ | $\begin{gathered} 99.5 \\ (86.0,115.2) \end{gathered}$ | $\begin{gathered} 1.4 \\ (-3.2,6.2) \end{gathered}$ |
| Yemen | $\begin{gathered} 4823 \\ (4155,5530) \end{gathered}$ | $\begin{gathered} 103.4 \\ (89.7,117.7) \end{gathered}$ | $\begin{gathered} 13801 \\ (11861,15817) \end{gathered}$ | $\begin{gathered} 107.2 \\ (92.6,123.4) \end{gathered}$ | $\begin{gathered} 3.7 \\ (-0.4,8.9) \end{gathered}$ |
| South Asia | $\begin{gathered} 506897 \\ (434634,583458) \end{gathered}$ | $\begin{gathered} 93.6 \\ (80.8,107.3) \end{gathered}$ | $\begin{gathered} 1286587 \\ (1106373,1476216) \end{gathered}$ | $\begin{gathered} 93.1 \\ (80.5,106.5) \end{gathered}$ | $\begin{gathered} -0.6 \\ (-1.6,0.3) \end{gathered}$ |
| Bangladesh | $\begin{gathered} 39150 \\ (33617,45168) \end{gathered}$ | $\begin{gathered} 87.5 \\ (75.1,100.7) \end{gathered}$ | $\begin{gathered} 109950 \\ (94512,125913) \end{gathered}$ | $\begin{gathered} 85.1 \\ (73.5,97.5) \end{gathered}$ | $\begin{gathered} -2.7 \\ (-6.5,1.5) \end{gathered}$ |
| Bhutan | $\begin{gathered} 206 \\ (178,238) \end{gathered}$ | $\begin{gathered} 89.3 \\ (77.3,102.5) \end{gathered}$ | $\begin{gathered} 474 \\ (409,545) \end{gathered}$ | $\begin{gathered} 85.8 \\ (74.1,98.4) \end{gathered}$ | $\begin{gathered} -4.0 \\ (-8.3,0.6) \end{gathered}$ |
| India | $\begin{gathered} 401803 \\ (344112,463738) \end{gathered}$ | $\begin{gathered} 93.2 \\ (80.7,106.8) \end{gathered}$ | $\begin{gathered} 1043339 \\ (895724,1197112) \end{gathered}$ | $\begin{gathered} 92.9 \\ (80.3,106.4) \end{gathered}$ | $\begin{gathered} -0.3 \\ (-1.3,0.7) \end{gathered}$ |
| Nepal | $\begin{gathered} 8604 \\ (7329,9904) \end{gathered}$ | $\begin{gathered} 95.7 \\ (82.9,109.7) \end{gathered}$ | $\begin{gathered} 20545 \\ (17645,23648) \end{gathered}$ | $\begin{gathered} 93.5 \\ (80.6,107.4) \end{gathered}$ | $\begin{gathered} -2.3 \\ (-6.4,2.3) \end{gathered}$ |
| Pakistan | $\begin{gathered} 57134 \\ (49480,65489) \end{gathered}$ | $\begin{gathered} 102.2 \\ (88.3,117.2) \end{gathered}$ | $\begin{gathered} 112280 \\ (96692,128654) \end{gathered}$ | $\begin{gathered} 104.6 \\ (90.5,119.6) \end{gathered}$ | $\begin{gathered} 2.3 \\ (-0.5,5.2) \end{gathered}$ |
| Central Sub- <br> Saharan Africa | $\begin{gathered} 24145 \\ (20560,28036) \end{gathered}$ | $\begin{gathered} 111.3 \\ (96.3,127.8) \end{gathered}$ | $\begin{gathered} 56336 \\ (48531,64854) \end{gathered}$ | $\begin{gathered} 111.4 \\ (96.6,127.6) \end{gathered}$ | $\begin{gathered} 0.1 \\ (-3.1,3.5) \end{gathered}$ |
| Angola | $\begin{gathered} 4189 \\ (3593,4804) \end{gathered}$ | $\begin{gathered} 114.4 \\ (99.0,130.8) \end{gathered}$ | $\begin{gathered} 12909 \\ (11078,14865) \end{gathered}$ | $\begin{gathered} 119.7 \\ (103.4,137.7) \end{gathered}$ | $\begin{gathered} 4.7 \\ (-0.3,9.1) \end{gathered}$ |
| Central African Republic | $\begin{gathered} 1251 \\ (1066,1454) \end{gathered}$ | $\begin{gathered} 114.9 \\ (99.7,132.2) \end{gathered}$ | $\begin{gathered} 2372 \\ (2038,2736) \end{gathered}$ | $\begin{gathered} 118.3 \\ (102.7,135.3) \end{gathered}$ | $\begin{gathered} 3.0 \\ (-1.5,8.0) \end{gathered}$ |
| Congo | $\begin{gathered} 1216 \\ (1035,1401) \end{gathered}$ | $\begin{gathered} 118.7 \\ (101.9,135.7) \end{gathered}$ | $\begin{gathered} 2884 \\ (2487,3306) \end{gathered}$ | $\begin{gathered} 113.8 \\ (98.4,131.2) \end{gathered}$ | $\begin{gathered} -4.1 \\ (-8.1,0.2) \end{gathered}$ |
| Democratic Republic of the Congo | $\begin{gathered} 16685 \\ (14098,19390) \end{gathered}$ | $\begin{gathered} 109.8 \\ (94.9,126.6) \end{gathered}$ | $\begin{gathered} 36526 \\ (31335,42135) \end{gathered}$ | $\begin{gathered} 108.2 \\ (93.5,124.4) \end{gathered}$ | $\begin{gathered} -1.5 \\ (-5.8,3.3) \end{gathered}$ |
| Equatorial Guinea | $\begin{gathered} 218 \\ (186,253) \end{gathered}$ | $\begin{gathered} 115.9 \\ (100.8,132.7) \end{gathered}$ | $\begin{gathered} 511 \\ (443,585) \end{gathered}$ | $\begin{gathered} 109.9 \\ (94.9,126.2) \end{gathered}$ | $\begin{gathered} -5.1 \\ (-10.1,0.1) \end{gathered}$ |
| Gabon | $\begin{gathered} 587 \\ (500,679) \end{gathered}$ | $\begin{gathered} 107.9 \\ (93.1,123.8) \end{gathered}$ | $\begin{gathered} 1133 \\ (978,1298) \end{gathered}$ | $\begin{gathered} 110.8 \\ (95.5,127.8) \end{gathered}$ | $\begin{gathered} 2.7 \\ (-1.4,7.7) \end{gathered}$ |
| Eastern SubSaharan Africa | $\begin{gathered} 68324 \\ (58748,78605) \end{gathered}$ | $\begin{gathered} 95.9 \\ (82.9,109.7) \end{gathered}$ | $\begin{gathered} 153080 \\ (132225,175448) \end{gathered}$ | $\begin{gathered} 97.8 \\ (84.4,111.9) \end{gathered}$ | $\begin{gathered} 2.0 \\ (0.8,3.4) \end{gathered}$ |
| Burundi | $\begin{gathered} 2228 \\ (1918,2552) \end{gathered}$ | $\begin{gathered} 99.8 \\ (86.5,114.0) \end{gathered}$ | $\begin{gathered} 4255 \\ (3686,4904) \end{gathered}$ | $\begin{gathered} 98.3 \\ (84.9,112.4) \end{gathered}$ | $\begin{gathered} -1.5 \\ (-6.4,3.3) \end{gathered}$ |
| Comoros | $\begin{gathered} 210 \\ (180,243) \end{gathered}$ | $\begin{gathered} 97.4 \\ (84.5,112.5) \end{gathered}$ | $\begin{gathered} 471 \\ (405,542) \end{gathered}$ | $\begin{gathered} 98.8 \\ (85.1,114.1) \end{gathered}$ | $\begin{gathered} 1.5 \\ (-2.8,5.9) \end{gathered}$ |
| Djibouti | $\begin{gathered} 127 \\ (108,147) \end{gathered}$ | $\begin{gathered} 95.9 \\ (82.8,110.6) \end{gathered}$ | $\begin{gathered} 578 \\ (497,662) \end{gathered}$ | $\begin{gathered} 99.4 \\ (86.0,113.6) \end{gathered}$ | $\begin{gathered} 3.6 \\ (-0.7,7.9) \end{gathered}$ |


| Eritrea | $\begin{gathered} 865 \\ (738,999) \end{gathered}$ | $\begin{gathered} 96.8 \\ (83.4,111.3) \end{gathered}$ | $\begin{gathered} 2389 \\ (2042,2755) \end{gathered}$ | $\begin{gathered} 95.8 \\ (82.6,109.2) \end{gathered}$ | $\begin{gathered} -1.0 \\ (-5.5,3.6) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Ethiopia | $\begin{gathered} 16070 \\ (13723,18649) \end{gathered}$ | $\begin{gathered} 86.6 \\ (74.6,99.2) \end{gathered}$ | $\begin{gathered} 34059 \\ (29348,38874) \end{gathered}$ | $\begin{gathered} 85.5 \\ (73.6,98.0) \end{gathered}$ | $\begin{gathered} -1.3 \\ (-3.4,0.8) \end{gathered}$ |
| Kenya | $\begin{gathered} 7946 \\ (6851,9129) \end{gathered}$ | $\begin{gathered} 100.2 \\ (86.7,114.8) \end{gathered}$ | $\begin{gathered} 21502 \\ (18600,24698) \end{gathered}$ | $\begin{gathered} 101.2 \\ (87.7,115.7) \end{gathered}$ | $\begin{gathered} 1.0 \\ (0.1,1.9) \end{gathered}$ |
| Madagascar | $\begin{gathered} 4582 \\ (3938,5308) \end{gathered}$ | $\begin{gathered} 93.6 \\ (81.0,107.4) \end{gathered}$ | $\begin{gathered} 10006 \\ (8623,11579) \end{gathered}$ | $\begin{gathered} 96.6 \\ (83.4,110.9) \end{gathered}$ | $\begin{gathered} 3.2 \\ (-1.1,7.6) \end{gathered}$ |
| Malawi | $\begin{gathered} 4141 \\ (3539,4763) \end{gathered}$ | $\begin{gathered} 111.7 \\ (97.0,128.0) \end{gathered}$ | $\begin{gathered} 7553 \\ (6495,8647) \end{gathered}$ | $\begin{gathered} 108.3 \\ (93.5,123.5) \end{gathered}$ | $\begin{gathered} -3.0 \\ (-7.3,0.9) \end{gathered}$ |
| Mozambique | $\begin{gathered} 6143 \\ (5278,7107) \end{gathered}$ | $\begin{gathered} 106.4 \\ (91.9,121.7) \end{gathered}$ | $\begin{gathered} 11604 \\ (10024,13299) \end{gathered}$ | $\begin{gathered} 110.7 \\ (95.7,126.2) \end{gathered}$ | $\begin{gathered} 4.1 \\ (0.1,8.6) \end{gathered}$ |
| Rwanda | $\begin{gathered} 2907 \\ (2495,3349) \end{gathered}$ | $\begin{gathered} 106.0 \\ (92.1,121.5) \end{gathered}$ | $\begin{gathered} 6117 \\ (5223,7074) \end{gathered}$ | $\begin{gathered} 105.7 \\ (90.9,121.6) \end{gathered}$ | $\begin{gathered} -0.3 \\ (-4.4,4.9) \end{gathered}$ |
| Somalia | $\begin{gathered} 2348 \\ (2023,2705) \end{gathered}$ | $\begin{gathered} 100.2 \\ (86.6,114.2) \end{gathered}$ | $\begin{gathered} 6586 \\ (5634,7600) \end{gathered}$ | $\begin{gathered} 106.1 \\ (91.8,121.3) \end{gathered}$ | $\begin{gathered} 5.9 \\ (1.6,11.1) \end{gathered}$ |
| South Sudan | $\begin{gathered} 1963 \\ (1685,2261) \end{gathered}$ | $\begin{gathered} 85.8 \\ (74.3,98.8) \end{gathered}$ | $\begin{gathered} 3553 \\ (3066,4068) \end{gathered}$ | $\begin{gathered} 94.5 \\ (81.9,108.7) \end{gathered}$ | $\begin{gathered} 10.1 \\ (5.4,14.8) \end{gathered}$ |
| Uganda | $\begin{gathered} 5911 \\ (5066,6769) \end{gathered}$ | $\begin{gathered} 95.4 \\ (82.7,108.8) \end{gathered}$ | $\begin{gathered} 13114 \\ (11277,15056) \end{gathered}$ | $\begin{gathered} 97.5 \\ (83.7,111.9) \end{gathered}$ | $\begin{gathered} 2.2 \\ (-2.6,7.2) \end{gathered}$ |
| United Republic of Tanzania | $\begin{gathered} 10120 \\ (8662,11656) \end{gathered}$ | $\begin{gathered} 96.6 \\ (83.0,110.2) \end{gathered}$ | $\begin{gathered} 24810 \\ (21513,28394) \end{gathered}$ | $\begin{gathered} 104.1 \\ (90.8,119.6) \end{gathered}$ | $\begin{gathered} 7.8 \\ (3.2,12.6) \end{gathered}$ |
| Zambia | $\begin{gathered} 2713 \\ (2332,3103) \end{gathered}$ | $\begin{gathered} 99.5 \\ (86.3,114.3) \end{gathered}$ | $\begin{gathered} 6361 \\ (5499,7252) \end{gathered}$ | $\begin{gathered} 99.8 \\ (85.7,114.3) \end{gathered}$ | $\begin{gathered} 0.2 \\ (-4.1,4.5) \end{gathered}$ |
| Southern Sub- <br> Saharan Africa | $\begin{gathered} 38316 \\ (33103,44033) \end{gathered}$ | $\begin{gathered} 142.4 \\ (123.0,163.5) \end{gathered}$ | $\begin{gathered} 69933 \\ (60300,80477) \end{gathered}$ | $\begin{gathered} 126.2 \\ (109.5,144.8) \end{gathered}$ | $\begin{gathered} -11.4 \\ (-12.9,-9.8) \end{gathered}$ |
| Botswana | $\begin{gathered} 697 \\ (594,810) \end{gathered}$ | $\begin{gathered} 125.3 \\ (108.3,143.8) \end{gathered}$ | $\begin{gathered} 1653 \\ (1421,1911) \end{gathered}$ | $\begin{gathered} 123.5 \\ (106.5,142.5) \end{gathered}$ | $\begin{gathered} -1.5 \\ (-5.6,3.2) \end{gathered}$ |
| Lesotho | $\begin{gathered} 1193 \\ (1029,1371) \end{gathered}$ | $\begin{gathered} 124.5 \\ (108.4,142.2) \end{gathered}$ | $\begin{gathered} 1647 \\ (1406,1901) \end{gathered}$ | $\begin{gathered} 134.2 \\ (116.0,153.6) \end{gathered}$ | $\begin{gathered} 7.8 \\ (2.9,12.6) \end{gathered}$ |
| Namibia | $\begin{gathered} 897 \\ (761,1042) \end{gathered}$ | $\begin{gathered} 125.5 \\ (108.3,144.4) \end{gathered}$ | $\begin{gathered} 1639 \\ (1420,1881) \end{gathered}$ | $\begin{gathered} 118.9 \\ (103.0,137.2) \end{gathered}$ | $\begin{gathered} -5.3 \\ (-9.5,-0.5) \end{gathered}$ |
| South Africa | $\begin{gathered} 30455 \\ (26341,35015) \end{gathered}$ | $\begin{gathered} 149.2 \\ (128.7,171.7) \end{gathered}$ | $\begin{gathered} 55344 \\ (47710,63746) \end{gathered}$ | $\begin{gathered} 125.4 \\ (108.8,143.8) \end{gathered}$ | $\begin{gathered} -16.0 \\ (-17.9,-14.3) \end{gathered}$ |
| Eswatini | $\begin{gathered} 369 \\ (321,422) \end{gathered}$ | $\begin{gathered} 130.5 \\ (113.5,148.9) \end{gathered}$ | $\begin{gathered} 751 \\ (644,865) \end{gathered}$ | $\begin{gathered} 133.6 \\ (115.6,154.3) \end{gathered}$ | $\begin{gathered} 2.4 \\ (-2.0,7.4) \end{gathered}$ |
| Zimbabwe | $\begin{gathered} 4704 \\ (4036,5453) \end{gathered}$ | $\begin{gathered} 119.1 \\ (103.1,136.6) \end{gathered}$ | $\begin{gathered} 8899 \\ (7629,10298) \end{gathered}$ | $\begin{gathered} 131.7 \\ (114.5,152.4) \end{gathered}$ | $\begin{gathered} 10.6 \\ (5.2,15.7) \end{gathered}$ |
| Western SubSaharan Africa | $\begin{gathered} 75571 \\ (64941,86985) \end{gathered}$ | $\begin{gathered} 89.7 \\ (77.6,102.7) \end{gathered}$ | $\begin{gathered} 170050 \\ (146947,195012) \end{gathered}$ | $\begin{gathered} 93.5 \\ (81.0,107.2) \end{gathered}$ | $\begin{gathered} 4.3 \\ (3.5,5.0) \end{gathered}$ |
| Benin | $\begin{gathered} 1894 \\ (1621,2167) \end{gathered}$ | $\begin{gathered} 98.3 \\ (84.6,112.6) \end{gathered}$ | $\begin{gathered} 4714 \\ (4060,5442) \end{gathered}$ | $\begin{gathered} 100.4 \\ (86.8,116.0) \end{gathered}$ | $\begin{gathered} 2.1 \\ (-2.4,7.2) \end{gathered}$ |


| Burkina Faso | $\begin{gathered} 3831 \\ (3275,4426) \end{gathered}$ | $\begin{gathered} 90.9 \\ (78.5,104.2) \end{gathered}$ | $\begin{gathered} 8166 \\ (7052,9367) \end{gathered}$ | $\begin{gathered} 93.1 \\ (80.4,106.1) \end{gathered}$ | $\begin{gathered} 2.4 \\ (-1.6,7.0) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Cameroon | $\begin{gathered} 3764 \\ (3222,4368) \end{gathered}$ | $\begin{gathered} 88.3 \\ (76.1,102.2) \end{gathered}$ | $\begin{gathered} 10759 \\ (9264,12393) \end{gathered}$ | $\begin{gathered} 94.3 \\ (81.9,108.5) \end{gathered}$ | $\begin{gathered} 6.8 \\ (2.4,11.7) \end{gathered}$ |
| Cabo Verde | $\begin{gathered} 220 \\ (189,253) \end{gathered}$ | $\begin{gathered} 97.0 \\ (83.5,111.8) \end{gathered}$ | $\begin{gathered} 409 \\ (356,470) \end{gathered}$ | $\begin{gathered} 98.3 \\ (84.4,113.3) \end{gathered}$ | $\begin{gathered} 1.4 \\ (-3.1,6.5) \end{gathered}$ |
| Chad | $\begin{gathered} 2397 \\ (2069,2762) \end{gathered}$ | $\begin{gathered} 87.8 \\ (76.1,100.8) \end{gathered}$ | $\begin{gathered} 4851 \\ (4207,5577) \end{gathered}$ | $\begin{gathered} 90.1 \\ (77.9,103.0) \end{gathered}$ | $\begin{gathered} 2.7 \\ (-1.8,7.4) \end{gathered}$ |
| Cote d'Ivoire | $\begin{gathered} 3665 \\ (3147,4234) \end{gathered}$ | $\begin{gathered} 96.3 \\ (83.4,110.4) \end{gathered}$ | $\begin{gathered} 10218 \\ (8816,11739) \end{gathered}$ | $\begin{gathered} 100.1 \\ (86.9,114.7) \end{gathered}$ | $\begin{gathered} 4.0 \\ (-0.2,8.8) \end{gathered}$ |
| Gambia | $\begin{gathered} 343 \\ (295,396) \end{gathered}$ | $\begin{gathered} 101.6 \\ (87.1,117.3) \end{gathered}$ | $\begin{gathered} 969 \\ (838,1109) \end{gathered}$ | $\begin{gathered} 104.7 \\ (91.0,119.9) \end{gathered}$ | $\begin{gathered} 3.1 \\ (-1.5,8.0) \end{gathered}$ |
| Ghana | $\begin{gathered} 5694 \\ (4887,6554) \end{gathered}$ | $\begin{gathered} 95.3 \\ (82.5,108.9) \end{gathered}$ | $\begin{gathered} 15191 \\ (13150,17544) \end{gathered}$ | $\begin{gathered} 97.6 \\ (84.9,112.3) \end{gathered}$ | $\begin{gathered} 2.4 \\ (-1.9,6.6) \end{gathered}$ |
| Guinea | $\begin{gathered} 2790 \\ (2391,3227) \end{gathered}$ | $\begin{gathered} 86.5 \\ (74.7,99.9) \end{gathered}$ | $\begin{gathered} 4781 \\ (4115,5464) \end{gathered}$ | $\begin{gathered} 90.2 \\ (77.8,103.0) \end{gathered}$ | $\begin{gathered} 4.2 \\ (-0.3,8.7) \end{gathered}$ |
| Guinea-Bissau | $\begin{gathered} 373 \\ (321,434) \end{gathered}$ | $\begin{gathered} 97.2 \\ (84.2,112.2) \end{gathered}$ | $\begin{gathered} 670 \\ (577,768) \end{gathered}$ | $\begin{gathered} 98.8 \\ (85.5,112.7) \end{gathered}$ | $\begin{gathered} 1.6 \\ (-3.0,5.7) \end{gathered}$ |
| Liberia | $\begin{gathered} 1091 \\ (932,1253) \end{gathered}$ | $\begin{gathered} 100.2 \\ (86.4,114.6) \end{gathered}$ | $\begin{gathered} 2060 \\ (1777,2353) \end{gathered}$ | $\begin{gathered} 103.6 \\ (89.4,119.5) \end{gathered}$ | $\begin{gathered} 3.3 \\ (-0.8,8.0) \end{gathered}$ |
| Mali | $\begin{gathered} 3540 \\ (3006,4101) \end{gathered}$ | $\begin{gathered} 89.4 \\ (77.3,102.6) \end{gathered}$ | $\begin{gathered} 7697 \\ (6613,8857) \end{gathered}$ | $\begin{gathered} 93.1 \\ (80.3,106.9) \end{gathered}$ | $\begin{gathered} 4.2 \\ (-0.2,8.6) \end{gathered}$ |
| Mauritania | $\begin{gathered} 889 \\ (759,1031) \end{gathered}$ | $\begin{gathered} 91.7 \\ (79.1,105.6) \end{gathered}$ | $\begin{gathered} 1935 \\ (1675,2230) \end{gathered}$ | $\begin{gathered} 95.0 \\ (82.3,109.2) \end{gathered}$ | $\begin{gathered} 3.7 \\ (-0.3,8.0) \end{gathered}$ |
| Niger | $\begin{gathered} 2304 \\ (1980,2668) \end{gathered}$ | $\begin{gathered} 87.3 \\ (75.2,100.9) \end{gathered}$ | $\begin{gathered} 6861 \\ (5886,7891) \end{gathered}$ | $\begin{gathered} 92.3 \\ (79.4,105.4) \end{gathered}$ | $\begin{gathered} 5.8 \\ (1.3,10.0) \end{gathered}$ |
| Nigeria | $\begin{gathered} 36445 \\ (31345,41954) \end{gathered}$ | $\begin{gathered} 86.2 \\ (74.6,98.7) \end{gathered}$ | $\begin{gathered} 76282 \\ (65942,87623) \end{gathered}$ | $\begin{gathered} 90.3 \\ (78.1,103.7) \end{gathered}$ | $\begin{gathered} 4.7 \\ (3.7,5.7) \end{gathered}$ |
| Sao Tome and Principe | $\begin{gathered} 60 \\ (51,70) \end{gathered}$ | $\begin{gathered} 95.2 \\ (82.1,110.3) \end{gathered}$ | $\begin{gathered} 101 \\ (87,116) \end{gathered}$ | $\begin{gathered} 98.5 \\ (84.9,113.4) \end{gathered}$ | $\begin{gathered} 3.4 \\ (-0.9,8.0) \end{gathered}$ |
| Senegal | $\begin{gathered} 3090 \\ (2655,3557) \end{gathered}$ | $\begin{gathered} 98.9 \\ (85.2,113.4) \end{gathered}$ | $\begin{gathered} 7191 \\ (6193,8242) \end{gathered}$ | $\begin{gathered} 98.7 \\ (85.1,112.8) \end{gathered}$ | $\begin{gathered} -0.2 \\ (-4.2,4.2) \end{gathered}$ |
| Sierra Leone | $\begin{gathered} 2025 \\ (1743,2320) \end{gathered}$ | $\begin{gathered} 108.3 \\ (93.9,124.5) \end{gathered}$ | $\begin{gathered} 3644 \\ (3169,4184) \end{gathered}$ | $\begin{gathered} 105.3 \\ (91.5,120.8) \end{gathered}$ | $\begin{gathered} -2.8 \\ (-6.9,1.6) \end{gathered}$ |
| Togo | $\begin{gathered} 1152 \\ (992,1334) \end{gathered}$ | $\begin{gathered} 97.3 \\ (84.0,112.8) \end{gathered}$ | $\begin{gathered} 3548 \\ (3058,4098) \end{gathered}$ | $\begin{gathered} 100.9 \\ (87.3,116.7) \end{gathered}$ | $\begin{gathered} 3.8 \\ (-0.6,8.2) \end{gathered}$ |
| High SDI | $\begin{gathered} 2415146 \\ (2106717,2750980) \end{gathered}$ | $\begin{gathered} 232.2 \\ (203.2,263.3) \end{gathered}$ | $\begin{gathered} 2855740 \\ (2518228,3241195) \end{gathered}$ | $\begin{gathered} 157.7 \\ (139.5,178.5) \end{gathered}$ | $\begin{gathered} -32.1 \\ (-33.9,-30.2) \end{gathered}$ |
| High-middle SDI | $\begin{gathered} 1671377 \\ (1447418,1911682) \end{gathered}$ | $\begin{gathered} 157.1 \\ (136.8,179.4) \end{gathered}$ | $\begin{gathered} 2745997 \\ (2383531,3147380) \end{gathered}$ | $\begin{gathered} 133.6 \\ (116.2,153.1) \end{gathered}$ | $\begin{gathered} -15.0 \\ (-16.0,-14.1) \end{gathered}$ |
| Middle SDI | $\begin{gathered} 1206340 \\ (1042406,1379271) \end{gathered}$ | $\begin{gathered} 118.7 \\ (103.1,136.0) \end{gathered}$ | $\begin{gathered} 2915099 \\ (2520526,3342399) \end{gathered}$ | $\begin{gathered} 114.7 \\ (99.6,131.5) \end{gathered}$ | $\begin{gathered} -3.4 \\ (-4.3,-2.4) \end{gathered}$ |


| Low-middle SDI | 611734 <br> $(526686,701868)$ | 105.4 <br> $(91.2,120.7)$ | 1398309 <br> $(1206028,1602467)$ | 103.2 <br> $(89.5,118.2)$ | $(-3.0,-1.1)$ |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Low SDI | 218718 | 96.9 | 470118 | 94.1 | -2.9 |
|  | $(83.9,111.1)$ | $(404625,538077)$ | $(81.5,107.4)$ | $(-3.8,-1.9)$ |  |

Table S5: YLDs of PAD in 1990 and 2019 for both sexes and percentage change in agestandardised rates by location. PAD= Peripheral artery disease. YLDs=years lived with disability.

| YLDs of PAD | 1990 |  | 2019 |  | Percentage change in agestandardised rates between 1990 and 2019 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Counts (95\% UI) | Age- standardised rate (95\% UI) | Counts (95\% UI) | Age- standardised rate (95\% UI) |  |
| Global | $\begin{gathered} 302821 \\ (141753,539467) \end{gathered}$ | $\begin{gathered} 8.6 \\ (4.0,15.3) \end{gathered}$ | $\begin{gathered} 500893 \\ (234625,898104) \end{gathered}$ | $\begin{gathered} 6.3 \\ (3.0,11.3) \end{gathered}$ | $\begin{gathered} -26.5 \\ (-27.7,-25.2) \end{gathered}$ |
| East Asia | $\begin{gathered} 57916 \\ (26757,102465) \end{gathered}$ | $\begin{gathered} 8.0 \\ (3.7,14.2) \end{gathered}$ | $\begin{gathered} 135332 \\ (61923,243445) \end{gathered}$ | $\begin{gathered} 6.9 \\ (3.2,12.5) \end{gathered}$ | $\begin{gathered} -13.4 \\ (-17.8,-8.4) \end{gathered}$ |
| China | $\begin{gathered} 55800 \\ (25795,98808) \end{gathered}$ | $\begin{gathered} 8.0 \\ (3.7,14.2) \end{gathered}$ | $\begin{gathered} 130060 \\ (59469,234455) \end{gathered}$ | $\begin{gathered} 6.9 \\ (3.2,12.5) \end{gathered}$ | $\begin{gathered} -13.6 \\ (-18.1,-8.4) \end{gathered}$ |
| Democratic People's Republic of Korea | $\begin{gathered} 983 \\ (456,1792) \end{gathered}$ | $\begin{gathered} 7.8 \\ (3.7,14.1) \end{gathered}$ | $\begin{gathered} 2367 \\ (1103,4335) \end{gathered}$ | $\begin{gathered} 7.8 \\ (3.6,14.3) \end{gathered}$ | $\begin{gathered} 0.9 \\ (-7.4,9.8) \end{gathered}$ |
| Taiwan | $\begin{gathered} 1133 \\ (521,2064) \end{gathered}$ | $\begin{gathered} 8.2 \\ (3.8,14.7) \end{gathered}$ | $\begin{gathered} 2904 \\ (1359,5243) \end{gathered}$ | $\begin{gathered} 7.2 \\ (3.3,12.9) \end{gathered}$ | $\begin{gathered} -12.2 \\ (-20.9,-2.1) \end{gathered}$ |
| Southeast Asia | $\begin{gathered} 18282 \\ (8593,32209) \end{gathered}$ | $\begin{gathered} 8.7 \\ (4.1,15.6) \end{gathered}$ | $\begin{gathered} 42887 \\ (20031,76413) \end{gathered}$ | $\begin{gathered} 8.1 \\ (3.8,14.7) \end{gathered}$ | $\begin{gathered} -6.4 \\ (-9.4,-2.6) \end{gathered}$ |
| Cambodia | $\begin{gathered} 342 \\ (159,615) \end{gathered}$ | $\begin{gathered} 9.5 \\ (4.4,17.0) \end{gathered}$ | $\begin{gathered} 824 \\ (387,1451) \end{gathered}$ | $\begin{gathered} 8.1 \\ (3.8,14.4) \end{gathered}$ | $\begin{gathered} -14.3 \\ (-21.6,-5.5) \end{gathered}$ |
| Indonesia | $\begin{gathered} 6793 \\ (3136,11986) \end{gathered}$ | $\begin{gathered} 8.9 \\ (4.3,16.0) \end{gathered}$ | $\begin{gathered} 16124 \\ (7535,28639) \end{gathered}$ | $\begin{gathered} 9.2 \\ (4.3,16.8) \end{gathered}$ | $\begin{gathered} 4.1 \\ (0.0,9.6) \end{gathered}$ |
| Lao People's Democratic Republic | $\begin{gathered} 171 \\ (80,308) \end{gathered}$ | $\begin{gathered} 10.1 \\ (4.8,18.4) \end{gathered}$ | $\begin{gathered} 309 \\ (143,551) \end{gathered}$ | $\begin{gathered} 8.7 \\ (4.1,15.8) \end{gathered}$ | $\begin{gathered} -13.3 \\ (-20.6,-3.6) \end{gathered}$ |
| Malaysia | $\begin{gathered} 642 \\ (302,1141) \end{gathered}$ | $\begin{gathered} 8.3 \\ (3.9,15.0) \end{gathered}$ | $\begin{gathered} 1707 \\ (790,3114) \end{gathered}$ | $\begin{gathered} 7.2 \\ (3.4,12.9) \end{gathered}$ | $\begin{gathered} -14.0 \\ (-20.4,-6.9) \end{gathered}$ |
| Maldives | $\begin{gathered} 6 \\ (3,10) \end{gathered}$ | $\begin{gathered} 8.1 \\ (3.8,14.5) \end{gathered}$ | $\begin{gathered} 17 \\ (8,30) \end{gathered}$ | $\begin{gathered} 6.9 \\ (3.2,12.4) \end{gathered}$ | $\begin{gathered} -14.9 \\ (-21.8,-6.0) \end{gathered}$ |
| Mauritius | $\begin{gathered} 54 \\ (25,96) \end{gathered}$ | $\begin{gathered} 8.5 \\ (3.9,15.1) \end{gathered}$ | $\begin{gathered} 141 \\ (67,259) \end{gathered}$ | $\begin{gathered} 8.4 \\ (4.0,15.4) \end{gathered}$ | $\begin{gathered} -0.5 \\ (-8.5,7.4) \end{gathered}$ |
| Myanmar | $\begin{gathered} 2237 \\ (1055,4021) \end{gathered}$ | $\begin{gathered} 11.5 \\ (5.6,20.6) \end{gathered}$ | $\begin{gathered} 3864 \\ (1827,6960) \end{gathered}$ | $\begin{gathered} 9.6 \\ (4.6,17.5) \end{gathered}$ | $\begin{gathered} -16.7 \\ (-24.5,-7.9) \end{gathered}$ |
| Philippines | $\begin{gathered} 1994 \\ (928,3511) \end{gathered}$ | $\begin{gathered} 8.3 \\ (3.9,14.9) \end{gathered}$ | $\begin{gathered} 5549 \\ (2590,9820) \end{gathered}$ | $\begin{gathered} 8.6 \\ (4.0,15.6) \end{gathered}$ | $\begin{gathered} 4.2 \\ (2.1,6.6) \end{gathered}$ |
| Seychelles | $\begin{gathered} 5 \\ (2,8) \end{gathered}$ | $\begin{gathered} 8.3 \\ (3.8,14.7) \end{gathered}$ | $\begin{gathered} 8 \\ (4,14) \end{gathered}$ | $\begin{gathered} 7.9 \\ (3.7,14.1) \end{gathered}$ | $\begin{gathered} -4.8 \\ (-12.3,3.2) \end{gathered}$ |
| Sri Lanka | $\begin{gathered} 693 \\ (321,1233) \end{gathered}$ | $\begin{gathered} 7.5 \\ (3.5,13.5) \end{gathered}$ | $\begin{gathered} 1746 \\ (815,3178) \end{gathered}$ | $\begin{gathered} 7.2 \\ (3.3,13.0) \end{gathered}$ | $\begin{gathered} -5.0 \\ (-11.8,3.3) \end{gathered}$ |
| Thailand | $\begin{gathered} 2337 \\ (1087,4273) \end{gathered}$ | $\begin{gathered} 8.0 \\ (3.7,14.4) \end{gathered}$ | $\begin{gathered} 6322 \\ (2971,11442) \end{gathered}$ | $\begin{gathered} 6.3 \\ (3.0,11.4) \end{gathered}$ | $\begin{gathered} -20.8 \\ (-27.6,-13.6) \end{gathered}$ |
| Timor-Leste | $\begin{gathered} 17 \\ (8,30) \end{gathered}$ | $\begin{gathered} 8.8 \\ (4.2,15.8) \end{gathered}$ | $\begin{gathered} 61 \\ (28,109) \end{gathered}$ | $\begin{gathered} 8.2 \\ (3.8,14.7) \end{gathered}$ | $\begin{gathered} -6.3 \\ (-14.1,2.4) \end{gathered}$ |


| Viet Nam | $\begin{gathered} 2968 \\ (1382,5325) \end{gathered}$ | $\begin{gathered} 8.0 \\ (3.8,14.3) \end{gathered}$ | $\begin{gathered} 6159 \\ (2850,11023) \end{gathered}$ | $\begin{gathered} 7.7 \\ (3.5,13.6) \end{gathered}$ | $\begin{gathered} -4.4 \\ (-11.5,4.4) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Oceania | $\begin{gathered} 184 \\ (85,323) \end{gathered}$ | $\begin{gathered} 8.2 \\ (3.8,14.6) \end{gathered}$ | $\begin{gathered} 451 \\ (208,807) \end{gathered}$ | $\begin{gathered} 8.5 \\ (4.0,15.5) \end{gathered}$ | $\begin{gathered} 4.7 \\ (-0.4,10.4) \end{gathered}$ |
| American Samoa | $\begin{gathered} 2 \\ (1,3) \end{gathered}$ | $\begin{gathered} 8.7 \\ (4.0,15.6) \end{gathered}$ | $\begin{gathered} 4 \\ (2,7) \end{gathered}$ | $\begin{gathered} 9.1 \\ (4.2,16.1) \end{gathered}$ | $\begin{gathered} 4.4 \\ (-3.0,12.6) \end{gathered}$ |
| Cook Islands | $\begin{gathered} 1 \\ (0,1) \end{gathered}$ | $\begin{gathered} 7.4 \\ (3.4,13.2) \end{gathered}$ | $\begin{gathered} 2 \\ (1,3) \end{gathered}$ | $\begin{gathered} 7.7 \\ (3.6,14.0) \end{gathered}$ | $\begin{gathered} 4.8 \\ (-2.4,12.8) \end{gathered}$ |
| Fiji | $\begin{gathered} 25 \\ (12,46) \end{gathered}$ | $\begin{gathered} 9.4 \\ (4.4,17.1) \end{gathered}$ | $\begin{gathered} 61 \\ (28,108) \end{gathered}$ | $\begin{gathered} 10.0 \\ (4.7,17.8) \end{gathered}$ | $\begin{gathered} 5.7 \\ (-1.8,13.5) \end{gathered}$ |
| Guam | $\begin{gathered} 4 \\ (2,7) \end{gathered}$ | $\begin{gathered} 6.6 \\ (3.1,11.9) \end{gathered}$ | $\begin{gathered} 14 \\ (6,25) \end{gathered}$ | $\begin{gathered} 7.5 \\ (3.5,13.6) \end{gathered}$ | $\begin{gathered} 13.9 \\ (5.4,22.9) \end{gathered}$ |
| Kiribati | $\begin{gathered} 3 \\ (1,5) \end{gathered}$ | $\begin{gathered} 10.1 \\ (4.7,18.1) \end{gathered}$ | $\begin{gathered} 6 \\ (3,11) \end{gathered}$ | $\begin{gathered} 12.5 \\ (5.9,23.0) \end{gathered}$ | $\begin{gathered} 23.4 \\ (13.2,34.7) \end{gathered}$ |
| Marshall Islands | $\begin{gathered} 1 \\ (1,2) \end{gathered}$ | $\begin{gathered} 8.3 \\ (4.0,14.9) \end{gathered}$ | $\begin{gathered} 2 \\ (1,4) \end{gathered}$ | $\begin{gathered} 8.5 \\ (4.1,15.2) \end{gathered}$ | $\begin{gathered} 2.6 \\ (-5.1,11.4) \end{gathered}$ |
| Micronesia (Federated States of) | $\begin{gathered} 3 \\ (2,6) \end{gathered}$ | $\begin{gathered} 8.5 \\ (4.0,15.5) \end{gathered}$ | $\begin{gathered} 5 \\ (2,8) \end{gathered}$ | $\begin{gathered} 8.6 \\ (4.0,15.5) \end{gathered}$ | $\begin{gathered} 0.9 \\ (-6.8,9.5) \end{gathered}$ |
| Nauru | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 8.0 \\ (3.8,14.4) \end{gathered}$ | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 8.5 \\ (3.9,15.0) \end{gathered}$ | $\begin{gathered} 5.4 \\ (-2.8,14.3) \end{gathered}$ |
| Niue | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 7.9 \\ (3.7,14.0) \end{gathered}$ | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 8.0 \\ (3.8,14.4) \end{gathered}$ | $\begin{gathered} 1.3 \\ (-6.4,9.7) \end{gathered}$ |
| Northern Mariana Islands | $\begin{gathered} 1 \\ (0,1) \end{gathered}$ | $\begin{gathered} 6.7 \\ (3.1,12.0) \end{gathered}$ | $\begin{gathered} 3 \\ (1,5) \end{gathered}$ | $\begin{gathered} 7.0 \\ (3.2,12.6) \end{gathered}$ | $\begin{gathered} 3.4 \\ (-4.2,12.3) \end{gathered}$ |
| Palau | $\begin{gathered} 1 \\ (0,1) \end{gathered}$ | $\begin{gathered} 7.5 \\ (3.5,13.4) \end{gathered}$ | $\begin{gathered} 1 \\ (1,2) \end{gathered}$ | $\begin{gathered} 7.9 \\ (3.7,14.2) \end{gathered}$ | $\begin{gathered} 4.8 \\ (-3.0,13.8) \end{gathered}$ |
| Papua New Guinea | $\begin{gathered} 109 \\ (50,190) \end{gathered}$ | $\begin{gathered} 7.8 \\ (3.7,14.0) \end{gathered}$ | $\begin{gathered} 279 \\ (130,502) \end{gathered}$ | $\begin{gathered} 8.2 \\ (3.9,14.9) \end{gathered}$ | $\begin{gathered} 4.8 \\ (-2.9,13.2) \end{gathered}$ |
| Samoa | $\begin{gathered} 7 \\ (3,12) \end{gathered}$ | $\begin{gathered} 9.1 \\ (4.2,16.2) \end{gathered}$ | $\begin{gathered} 12 \\ (6,22) \end{gathered}$ | $\begin{gathered} 9.8 \\ (4.5,17.4) \end{gathered}$ | $\begin{gathered} 7.0 \\ (-0.7,15.2) \end{gathered}$ |
| Solomon Islands | $\begin{gathered} 8 \\ (4,14) \end{gathered}$ | $\begin{gathered} 8.0 \\ (3.7,14.3) \end{gathered}$ | $\begin{gathered} 18 \\ (8,32) \end{gathered}$ | $\begin{gathered} 8.5 \\ (4.0,15.1) \end{gathered}$ | $\begin{gathered} 6.1 \\ (-1.7,14.6) \end{gathered}$ |
| Tokelau | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 8.3 \\ (3.9,14.8) \end{gathered}$ | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 8.3 \\ (3.8,14.7) \end{gathered}$ | $\begin{gathered} -0.3 \\ (-7.9,8.4) \end{gathered}$ |
| Tonga | $\begin{gathered} 4 \\ (2,8) \end{gathered}$ | $\begin{gathered} 8.9 \\ (4.1,15.7) \end{gathered}$ | $\begin{gathered} 7 \\ (3,13) \end{gathered}$ | $\begin{gathered} 9.4 \\ (4.4,17.0) \end{gathered}$ | $\begin{gathered} 5.8 \\ (-1.5,13.9) \end{gathered}$ |
| Tuvalu | $\begin{gathered} 1 \\ (0,1) \end{gathered}$ | $\begin{gathered} 8.7 \\ (4.1,15.7) \end{gathered}$ | $\begin{gathered} 1 \\ (0,1) \end{gathered}$ | $\begin{gathered} 8.8 \\ (4.1,15.7) \end{gathered}$ | $\begin{gathered} 0.8 \\ (-7.1,9.3) \end{gathered}$ |
| Vanuatu | $\begin{gathered} 4 \\ (2,8) \end{gathered}$ | $\begin{gathered} 8.5 \\ (4.1,15.2) \end{gathered}$ | $\begin{gathered} 14 \\ (6,24) \end{gathered}$ | $\begin{gathered} 9.3 \\ (4.5,16.5) \end{gathered}$ | $\begin{gathered} 9.4 \\ (1.2,17.6) \end{gathered}$ |
| Central Asia | $\begin{gathered} 2585 \\ (1215,4611) \end{gathered}$ | $\begin{gathered} 6.3 \\ (3.0,11.1) \end{gathered}$ | $\begin{gathered} 3421 \\ (1601,6199) \end{gathered}$ | $\begin{gathered} 5.8 \\ (2.8,10.5) \end{gathered}$ | $\begin{gathered} -6.9 \\ (-9.9,-3.2) \end{gathered}$ |


| Armenia | $\begin{gathered} 167 \\ (78,302) \end{gathered}$ | $\begin{gathered} 7.3 \\ (3.4,13.3) \end{gathered}$ | $\begin{gathered} 262 \\ (124,476) \end{gathered}$ | $\begin{gathered} 6.3 \\ (3.0,11.4) \end{gathered}$ | $\begin{gathered} -13.4 \\ (-20.4,-6.7) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Azerbaijan | $\begin{gathered} 297 \\ (141,522) \end{gathered}$ | $\begin{gathered} 6.9 \\ (3.3,12.3) \end{gathered}$ | $\begin{gathered} 443 \\ (209,801) \end{gathered}$ | $\begin{gathered} 6.1 \\ (2.9,11.0) \end{gathered}$ | $\begin{gathered} -11.5 \\ (-18.2,-4.3) \end{gathered}$ |
| Georgia | $\begin{gathered} 353 \\ (164,634) \end{gathered}$ | $\begin{gathered} 6.2 \\ (3.0,11.1) \end{gathered}$ | $\begin{gathered} 415 \\ (195,748) \end{gathered}$ | $\begin{gathered} 6.4 \\ (3.0,11.7) \end{gathered}$ | $\begin{gathered} 3.8 \\ (-3.8,12.3) \end{gathered}$ |
| Kazakhstan | $\begin{gathered} 733 \\ (349,1319) \end{gathered}$ | $\begin{gathered} 6.6 \\ (3.1,11.9) \end{gathered}$ | $\begin{gathered} 852 \\ (396,1544) \end{gathered}$ | $\begin{gathered} 5.7 \\ (2.7,10.4) \end{gathered}$ | $\begin{gathered} -13.7 \\ (-21.1,-5.1) \end{gathered}$ |
| Kyrgyzstan | $\begin{gathered} 165 \\ (77,294) \end{gathered}$ | $\begin{gathered} 5.8 \\ (2.7,10.4) \end{gathered}$ | $\begin{gathered} 199 \\ (93,361) \end{gathered}$ | $\begin{gathered} 5.3 \\ (2.5,9.7) \end{gathered}$ | $\begin{gathered} -9.5 \\ (-16.1,-2.2) \end{gathered}$ |
| Mongolia | $\begin{gathered} 61 \\ (28,111) \end{gathered}$ | $\begin{gathered} 6.8 \\ (3.1,12.3) \end{gathered}$ | $\begin{gathered} 100 \\ (47,184) \end{gathered}$ | $\begin{gathered} 6.0 \\ (2.8,10.9) \end{gathered}$ | $\begin{gathered} -12.4 \\ (-19.8,-4.7) \end{gathered}$ |
| Tajikistan | $\begin{gathered} 180 \\ (83,316) \end{gathered}$ | $\begin{gathered} 6.9 \\ (3.2,12.3) \end{gathered}$ | $\begin{gathered} 204 \\ (94,369) \end{gathered}$ | $\begin{gathered} 5.8 \\ (2.7,10.6) \end{gathered}$ | $\begin{gathered} -16.3 \\ (-23.3,-9.0) \end{gathered}$ |
| Turkmenistan | $\begin{gathered} 103 \\ (48,188) \end{gathered}$ | $\begin{gathered} 6.5 \\ (3.0,11.8) \end{gathered}$ | $\begin{gathered} 183 \\ (86,331) \end{gathered}$ | $\begin{gathered} 5.8 \\ (2.8,10.6) \end{gathered}$ | $\begin{gathered} -9.9 \\ (-16.9,-2.0) \end{gathered}$ |
| Uzbekistan | $\begin{gathered} 525 \\ (248,937) \end{gathered}$ | $\begin{gathered} 5.2 \\ (2.5,9.4) \end{gathered}$ | $\begin{gathered} 763 \\ (348,1371) \end{gathered}$ | $\begin{gathered} 5.4 \\ (2.5,9.8) \end{gathered}$ | $\begin{gathered} 3.5 \\ (-5.8,12.2) \end{gathered}$ |
| Central Europe | $\begin{gathered} 9984 \\ (4662,17986) \end{gathered}$ | $\begin{gathered} 7.0 \\ (3.4,12.7) \end{gathered}$ | $\begin{gathered} 12853 \\ (6176,23498) \end{gathered}$ | $\begin{gathered} 5.6 \\ (2.7,10.2) \end{gathered}$ | $\begin{gathered} -20.5 \\ (-22.1,-18.7) \end{gathered}$ |
| Albania | $\begin{gathered} 116 \\ (55,207) \end{gathered}$ | $\begin{gathered} 6.4 \\ (3.0,11.5) \end{gathered}$ | $\begin{gathered} 237 \\ (110,428) \end{gathered}$ | $\begin{gathered} 5.3 \\ (2.5,9.6) \end{gathered}$ | $\begin{gathered} -16.5 \\ (-22.7,-9.8) \end{gathered}$ |
| Bosnia and Herzegovina | $\begin{gathered} 230 \\ (107,412) \end{gathered}$ | $\begin{gathered} 6.8 \\ (3.2,12.2) \end{gathered}$ | $\begin{gathered} 401 \\ (194,745) \end{gathered}$ | $\begin{gathered} 6.6 \\ (3.2,12.2) \end{gathered}$ | $\begin{gathered} -2.8 \\ (-10.4,4.9) \end{gathered}$ |
| Bulgaria | $\begin{gathered} 771 \\ (357,1402) \end{gathered}$ | $\begin{gathered} 6.5 \\ (3.0,11.7) \end{gathered}$ | $\begin{gathered} 915 \\ (431,1683) \end{gathered}$ | $\begin{gathered} 5.8 \\ (2.7,10.5) \end{gathered}$ | $\begin{gathered} -10.3 \\ (-16.9,-3.8) \end{gathered}$ |
| Croatia | $\begin{gathered} 417 \\ (194,755) \end{gathered}$ | $\begin{gathered} 6.8 \\ (3.2,12.4) \end{gathered}$ | $\begin{gathered} 477 \\ (227,891) \end{gathered}$ | $\begin{gathered} 5.0 \\ (2.4,9.3) \end{gathered}$ | $\begin{gathered} -26.2 \\ (-32.3,-20.0) \end{gathered}$ |
| Czechia | $\begin{gathered} 917 \\ (430,1681) \end{gathered}$ | $\begin{gathered} 6.6 \\ (3.1,12.0) \end{gathered}$ | $\begin{gathered} 1229 \\ (583,2243) \end{gathered}$ | $\begin{gathered} 5.4 \\ (2.6,9.9) \end{gathered}$ | $\begin{gathered} -17.5 \\ (-23.6,-10.9) \end{gathered}$ |
| Hungary | $\begin{gathered} 1097 \\ (516,2040) \end{gathered}$ | $\begin{gathered} 7.4 \\ (3.5,13.8) \end{gathered}$ | $\begin{gathered} 1244 \\ (591,2282) \end{gathered}$ | $\begin{gathered} 5.9 \\ (2.8,10.8) \end{gathered}$ | $\begin{gathered} -19.7 \\ (-25.3,-13.3) \end{gathered}$ |
| North Macedonia | $\begin{gathered} 115 \\ (53,207) \end{gathered}$ | $\begin{gathered} 6.9 \\ (3.2,12.3) \end{gathered}$ | $\begin{gathered} 184 \\ (87,340) \end{gathered}$ | $\begin{gathered} 5.9 \\ (2.8,11.0) \end{gathered}$ | $\begin{gathered} -14.3 \\ (-20.6,-7.6) \end{gathered}$ |
| Montenegro | $\begin{gathered} 41 \\ (19,75) \end{gathered}$ | $\begin{gathered} 7.1 \\ (3.3,13.0) \end{gathered}$ | $\begin{gathered} 65 \\ (32,120) \end{gathered}$ | $\begin{gathered} 6.5 \\ (3.2,12.0) \end{gathered}$ | $\begin{gathered} -8.7 \\ (-14.4,-1.6) \end{gathered}$ |
| Poland | $\begin{gathered} 3373 \\ (1609,6043) \end{gathered}$ | $\begin{gathered} 7.9 \\ (3.8,14.2) \end{gathered}$ | $\begin{gathered} 4285 \\ (2045,7753) \end{gathered}$ | $\begin{gathered} 5.7 \\ (2.7,10.3) \end{gathered}$ | $\begin{gathered} -27.7 \\ (-29.7,-25.2) \end{gathered}$ |
| Romania | $\begin{gathered} 1685 \\ (770,3044) \end{gathered}$ | $\begin{gathered} 6.4 \\ (3.0,11.5) \end{gathered}$ | $\begin{gathered} 2128 \\ (993,3846) \end{gathered}$ | $\begin{gathered} 5.3 \\ (2.5,9.5) \end{gathered}$ | $\begin{gathered} -16.9 \\ (-23.0,-10.5) \end{gathered}$ |
| Serbia | $\begin{gathered} 681 \\ (321,1244) \end{gathered}$ | $\begin{gathered} 6.5 \\ (3.1,11.8) \end{gathered}$ | $\begin{gathered} 989 \\ (466,1818) \end{gathered}$ | $\begin{gathered} 5.9 \\ (2.8,10.8) \end{gathered}$ | $\begin{gathered} -9.6 \\ (-16.2,-2.6) \end{gathered}$ |


| Slovakia | $\begin{gathered} 395 \\ (187,709) \end{gathered}$ | $\begin{gathered} 6.7 \\ (3.2,11.8) \end{gathered}$ | $\begin{gathered} 471 \\ (223,862) \end{gathered}$ | $\begin{gathered} 4.9 \\ (2.3,9.0) \end{gathered}$ | $\begin{gathered} -25.8 \\ (-31.4,-19.4) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Slovenia | $\begin{gathered} 148 \\ (69,269) \end{gathered}$ | $\begin{gathered} 6.1 \\ (2.9,11.1) \end{gathered}$ | $\begin{gathered} 228 \\ (109,415) \end{gathered}$ | $\begin{gathered} 4.8 \\ (2.4,8.8) \end{gathered}$ | $\begin{gathered} -20.6 \\ (-26.1,-14.8) \end{gathered}$ |
| Eastern Europe | $\begin{gathered} 22153 \\ (10503,40000) \end{gathered}$ | $\begin{gathered} 8.4 \\ (4.0,15.2) \end{gathered}$ | $\begin{gathered} 26864 \\ (12865,49225) \end{gathered}$ | $\begin{gathered} 7.5 \\ (3.6,13.7) \end{gathered}$ | $\begin{gathered} -10.4 \\ (-12.7,-7.7) \end{gathered}$ |
| Belarus | $\begin{gathered} 900 \\ (423,1656) \end{gathered}$ | $\begin{gathered} 7.1 \\ (3.4,13.1) \end{gathered}$ | $\begin{gathered} 1026 \\ (482,1887) \end{gathered}$ | $\begin{gathered} 6.2 \\ (2.9,11.5) \end{gathered}$ | $\begin{gathered} -12.0 \\ (-19.7,-4.0) \end{gathered}$ |
| Estonia | $\begin{gathered} 150 \\ (69,275) \end{gathered}$ | $\begin{gathered} 7.3 \\ (3.4,13.5) \end{gathered}$ | $\begin{gathered} 182 \\ (86,337) \end{gathered}$ | $\begin{gathered} 6.2 \\ (3.0,11.4) \end{gathered}$ | $\begin{gathered} -15.4 \\ (-22.4,-7.8) \end{gathered}$ |
| Latvia | $\begin{gathered} 231 \\ (108,417) \end{gathered}$ | $\begin{gathered} 6.4 \\ (3.0,11.6) \end{gathered}$ | $\begin{gathered} 279 \\ (130,508) \end{gathered}$ | $\begin{gathered} 6.3 \\ (2.9,11.3) \end{gathered}$ | $\begin{gathered} -1.8 \\ (-9.6,6.6) \end{gathered}$ |
| Lithuania | $\begin{gathered} 315 \\ (148,573) \end{gathered}$ | $\begin{gathered} 7.0 \\ (3.3,12.5) \end{gathered}$ | $\begin{gathered} 391 \\ (184,709) \end{gathered}$ | $\begin{gathered} 6.1 \\ (2.9,11.3) \end{gathered}$ | $\begin{gathered} -11.9 \\ (-18.4,-4.4) \end{gathered}$ |
| Republic of Moldova | $\begin{gathered} 260 \\ (122,478) \end{gathered}$ | $\begin{gathered} 6.5 \\ (3.1,12.0) \end{gathered}$ | $\begin{gathered} 373 \\ (179,681) \end{gathered}$ | $\begin{gathered} 6.3 \\ (3.0,11.7) \end{gathered}$ | $\begin{gathered} -3.1 \\ (-10.7,5.4) \end{gathered}$ |
| Russian Federation | $\begin{gathered} 14403 \\ (6853,25938) \end{gathered}$ | $\begin{gathered} 8.6 \\ (4.1,15.5) \end{gathered}$ | $\begin{gathered} 18469 \\ (8775,33575) \end{gathered}$ | $\begin{gathered} 7.6 \\ (3.6,13.9) \end{gathered}$ | $\begin{gathered} -10.9 \\ (-12.6,-9.2) \end{gathered}$ |
| Ukraine | $\begin{gathered} 5894 \\ (2836,10812) \end{gathered}$ | $\begin{gathered} 8.5 \\ (4.0,15.4) \end{gathered}$ | $\begin{gathered} 6144 \\ (2965,11316) \end{gathered}$ | $\begin{gathered} 7.7 \\ (3.7,14.1) \end{gathered}$ | $\begin{gathered} -9.4 \\ (-17.4,-0.1) \end{gathered}$ |
| High-income Asia Pacific | $\begin{gathered} 17331 \\ (8174,31517) \end{gathered}$ | $\begin{gathered} 9.1 \\ (4.3,16.4) \end{gathered}$ | $\begin{gathered} 24680 \\ (11717,44731) \end{gathered}$ | $\begin{gathered} 4.8 \\ (2.3,8.8) \end{gathered}$ | $\begin{gathered} -46.5 \\ (-47.6,-45.4) \end{gathered}$ |
| Brunei Darussalam | $\begin{gathered} 7 \\ (3,13) \end{gathered}$ | $\begin{gathered} 10.1 \\ (4.7,18.3) \end{gathered}$ | $\begin{gathered} 14 \\ (6,25) \end{gathered}$ | $\begin{gathered} 6.2 \\ (2.9,11.5) \end{gathered}$ | $\begin{gathered} -38.3 \\ (-42.8,-33.0) \end{gathered}$ |
| Japan | $\begin{gathered} 15100 \\ (7150,27495) \end{gathered}$ | $\begin{gathered} 9.1 \\ (4.3,16.5) \end{gathered}$ | $\begin{gathered} 20385 \\ (9767,37058) \end{gathered}$ | $\begin{gathered} 4.9 \\ (2.3,9.0) \end{gathered}$ | $\begin{gathered} -45.9 \\ (-46.9,-44.9) \end{gathered}$ |
| Republic of Korea | $\begin{gathered} 2088 \\ (970,3812) \end{gathered}$ | $\begin{gathered} 8.7 \\ (4.1,15.6) \end{gathered}$ | $\begin{gathered} 3975 \\ (1868,7269) \end{gathered}$ | $\begin{gathered} 4.5 \\ (2.1,8.2) \end{gathered}$ | $\begin{gathered} -48.7 \\ (-52.7,-44.6) \end{gathered}$ |
| Singapore | $\begin{gathered} 136 \\ (62,250) \end{gathered}$ | $\begin{gathered} 7.3 \\ (3.4,13.4) \end{gathered}$ | $\begin{gathered} 307 \\ (142,563) \end{gathered}$ | $\begin{gathered} 4.1 \\ (1.9,7.5) \end{gathered}$ | $\begin{gathered} -44.1 \\ (-48.2,-39.7) \end{gathered}$ |
| Australasia | $\begin{gathered} 1798 \\ (853,3262) \end{gathered}$ | $\begin{gathered} 7.6 \\ (3.6,13.6) \end{gathered}$ | $\begin{gathered} 2355 \\ (1114,4265) \end{gathered}$ | $\begin{gathered} 4.5 \\ (2.1,8.1) \end{gathered}$ | $\begin{gathered} -41.1 \\ (-44.7,-37.3) \end{gathered}$ |
| Australia | $\begin{gathered} 1482 \\ (701,2720) \end{gathered}$ | $\begin{gathered} 7.5 \\ (3.5,13.7) \end{gathered}$ | $\begin{gathered} 1980 \\ (936,3593) \end{gathered}$ | $\begin{gathered} 4.5 \\ (2.1,8.1) \end{gathered}$ | $\begin{gathered} -40.6 \\ (-44.9,-35.9) \end{gathered}$ |
| New Zealand | $\begin{gathered} 317 \\ (148,580) \end{gathered}$ | $\begin{gathered} 7.9 \\ (3.7,14.4) \end{gathered}$ | $\begin{gathered} 375 \\ (180,680) \end{gathered}$ | $\begin{gathered} 4.5 \\ (2.1,8.1) \end{gathered}$ | $\begin{gathered} -43.2 \\ (-47.3,-38.9) \end{gathered}$ |
| Western Europe | $\begin{gathered} 74358 \\ (34861,134556) \end{gathered}$ | $\begin{gathered} 12.2 \\ (5.7,22.2) \end{gathered}$ | $\begin{gathered} 71984 \\ (33793,130193) \end{gathered}$ | $\begin{gathered} 7.3 \\ (3.4,13.2) \end{gathered}$ | $\begin{gathered} -40.4 \\ (-41.8,-39.0) \end{gathered}$ |
| Andorra | $\begin{gathered} 5 \\ (3,10) \end{gathered}$ | $\begin{gathered} 10.6 \\ (4.9,19.2) \end{gathered}$ | $\begin{gathered} 10 \\ (5,18) \end{gathered}$ | $\begin{gathered} 7.1 \\ (3.4,12.8) \end{gathered}$ | $\begin{gathered} -33.0 \\ (-37.4,-27.3) \end{gathered}$ |
| Austria | $\begin{gathered} 1374 \\ (656,2492) \end{gathered}$ | $\begin{gathered} 11.0 \\ (5.2,20.0) \end{gathered}$ | $\begin{gathered} 1415 \\ (672,2580) \end{gathered}$ | $\begin{gathered} 7.4 \\ (3.5,13.5) \end{gathered}$ | $\begin{gathered} -32.8 \\ (-37.4,-27.2) \end{gathered}$ |


| Belgium | $\begin{gathered} 1961 \\ (922,3567) \end{gathered}$ | $\begin{gathered} 12.2 \\ (5.7,22.2) \end{gathered}$ | $\begin{gathered} 2002 \\ (946,3638) \end{gathered}$ | $\begin{gathered} 8.2 \\ (3.9,15.0) \end{gathered}$ | $\begin{gathered} -32.9 \\ (-38.0,-27.8) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Cyprus | $\begin{gathered} 103 \\ (47,188) \end{gathered}$ | $\begin{gathered} 12.7 \\ (5.9,23.1) \end{gathered}$ | $\begin{gathered} 167 \\ (79,306) \end{gathered}$ | $\begin{gathered} 8.4 \\ (4.0,15.4) \end{gathered}$ | $\begin{gathered} -33.5 \\ (-38.1,-28.6) \end{gathered}$ |
| Denmark | $\begin{gathered} 1513 \\ (714,2751) \end{gathered}$ | $\begin{gathered} 17.5 \\ (8.2,31.9) \end{gathered}$ | $\begin{gathered} 1286 \\ (612,2366) \end{gathered}$ | $\begin{gathered} 10.4 \\ (4.9,19.0) \end{gathered}$ | $\begin{gathered} -40.7 \\ (-44.5,-36.4) \end{gathered}$ |
| Finland | $\begin{gathered} 876 \\ (411,1607) \end{gathered}$ | $\begin{gathered} 11.9 \\ (5.6,21.6) \end{gathered}$ | $\begin{gathered} 954 \\ (453,1713) \end{gathered}$ | $\begin{gathered} 7.1 \\ (3.3,12.8) \end{gathered}$ | $\begin{gathered} -40.3 \\ (-44.7,-35.8) \end{gathered}$ |
| France | $\begin{gathered} 10062 \\ (4714,18228) \end{gathered}$ | $\begin{gathered} 11.5 \\ (5.3,20.6) \end{gathered}$ | $\begin{gathered} 10528 \\ (4988,18918) \end{gathered}$ | $\begin{gathered} 7.1 \\ (3.3,12.7) \end{gathered}$ | $\begin{gathered} -38.3 \\ (-42.8,-33.8) \end{gathered}$ |
| Germany | $\begin{gathered} 16692 \\ (7792,30750) \end{gathered}$ | $\begin{gathered} 12.6 \\ (5.9,23.5) \end{gathered}$ | $\begin{gathered} 15083 \\ (7048,27038) \end{gathered}$ | $\begin{gathered} 7.3 \\ (3.4,13.2) \end{gathered}$ | $\begin{gathered} -42.3 \\ (-46.4,-37.9) \end{gathered}$ |
| Greece | $\begin{gathered} 1892 \\ (863,3458) \end{gathered}$ | $\begin{gathered} 12.1 \\ (5.5,22.2) \end{gathered}$ | $\begin{gathered} 2094 \\ (992,3804) \end{gathered}$ | $\begin{gathered} 8.1 \\ (3.8,14.7) \end{gathered}$ | $\begin{gathered} -33.3 \\ (-38.3,-28.2) \end{gathered}$ |
| Iceland | $\begin{gathered} 34 \\ (16,63) \end{gathered}$ | $\begin{gathered} 11.6 \\ (5.4,21.3) \end{gathered}$ | $\begin{gathered} 42 \\ (19,75) \end{gathered}$ | $\begin{gathered} 7.1 \\ (3.3,12.9) \end{gathered}$ | $\begin{gathered} -38.4 \\ (-42.8,-33.4) \end{gathered}$ |
| Ireland | $\begin{gathered} 579 \\ (269,1060) \end{gathered}$ | $\begin{gathered} 13.7 \\ (6.5,25.4) \end{gathered}$ | $\begin{gathered} 617 \\ (287,1119) \end{gathered}$ | $\begin{gathered} 8.0 \\ (3.7,14.4) \end{gathered}$ | $\begin{gathered} -41.9 \\ (-46.0,-37.7) \end{gathered}$ |
| Israel | $\begin{gathered} 610 \\ (290,1116) \end{gathered}$ | $\begin{gathered} 12.3 \\ (5.8,22.4) \end{gathered}$ | $\begin{gathered} 984 \\ (463,1795) \end{gathered}$ | $\begin{gathered} 8.1 \\ (3.8,14.8) \end{gathered}$ | $\begin{gathered} -34.2 \\ (-38.5,-29.6) \end{gathered}$ |
| Italy | $\begin{gathered} 12039 \\ (5725,21929) \end{gathered}$ | $\begin{gathered} 13.0 \\ (6.2,23.5) \end{gathered}$ | $\begin{gathered} 11743 \\ (5606,21474) \end{gathered}$ | $\begin{gathered} 7.4 \\ (3.5,13.6) \end{gathered}$ | $\begin{gathered} -42.8 \\ (-44.2,-41.4) \end{gathered}$ |
| Luxembourg | $\begin{gathered} 71 \\ (33,129) \end{gathered}$ | $\begin{gathered} 12.7 \\ (5.9,23.0) \end{gathered}$ | $\begin{gathered} 84 \\ (40,152) \end{gathered}$ | $\begin{gathered} 8.1 \\ (3.8,14.6) \end{gathered}$ | $\begin{gathered} -36.1 \\ (-40.5,-30.9) \end{gathered}$ |
| Malta | $\begin{gathered} 56 \\ (26,101) \end{gathered}$ | $\begin{gathered} 13.2 \\ (6.2,23.8) \end{gathered}$ | $\begin{gathered} 88 \\ (42,160) \end{gathered}$ | $\begin{gathered} 8.7 \\ (4.1,16.0) \end{gathered}$ | $\begin{gathered} -33.9 \\ (-38.4,-28.6) \end{gathered}$ |
| Monaco | $\begin{gathered} 9 \\ (4,17) \end{gathered}$ | $\begin{gathered} 11.8 \\ (5.5,21.3) \end{gathered}$ | $\begin{gathered} 8 \\ (4,15) \end{gathered}$ | $\begin{gathered} 7.7 \\ (3.6,14.1) \end{gathered}$ | $\begin{gathered} -35.0 \\ (-39.6,-30.3) \end{gathered}$ |
| Netherlands | $\begin{gathered} 2417 \\ (1130,4461) \end{gathered}$ | $\begin{gathered} 11.7 \\ (5.4,21.4) \end{gathered}$ | $\begin{gathered} 2633 \\ (1226,4879) \end{gathered}$ | $\begin{gathered} 7.2 \\ (3.4,13.3) \end{gathered}$ | $\begin{gathered} -38.1 \\ (-43.7,-32.2) \end{gathered}$ |
| Norway | $\begin{gathered} 924 \\ (441,1676) \end{gathered}$ | $\begin{gathered} 12.4 \\ (5.8,22.3) \end{gathered}$ | $\begin{gathered} 802 \\ (381,1459) \end{gathered}$ | $\begin{gathered} 7.8 \\ (3.7,14.1) \end{gathered}$ | $\begin{gathered} -36.9 \\ (-38.2,-35.7) \end{gathered}$ |
| Portugal | $\begin{gathered} 1713 \\ (797,3121) \end{gathered}$ | $\begin{gathered} 12.0 \\ (5.7,21.9) \end{gathered}$ | $\begin{gathered} 1982 \\ (923,3634) \end{gathered}$ | $\begin{gathered} 7.6 \\ (3.5,13.8) \end{gathered}$ | $\begin{gathered} -36.8 \\ (-41.6,-31.8) \end{gathered}$ |
| Spain | $\begin{gathered} 6258 \\ (2839,11375) \end{gathered}$ | $\begin{gathered} 11.0 \\ (5.0,19.9) \end{gathered}$ | $\begin{gathered} 7041 \\ (3336,12628) \end{gathered}$ | $\begin{gathered} 6.8 \\ (3.2,12.2) \end{gathered}$ | $\begin{gathered} -38.5 \\ (-43.5,-34.0) \end{gathered}$ |
| Sweden | $\begin{gathered} 1944 \\ (931,3526) \end{gathered}$ | $\begin{gathered} 11.7 \\ (5.6,21.4) \end{gathered}$ | $\begin{gathered} 1872 \\ (867,3368) \end{gathered}$ | $\begin{gathered} 8.1 \\ (3.7,14.8) \end{gathered}$ | $\begin{gathered} -30.8 \\ (-35.5,-26.1) \end{gathered}$ |
| Switzerland | $\begin{gathered} 1237 \\ (579,2260) \end{gathered}$ | $\begin{gathered} 11.3 \\ (5.3,20.2) \end{gathered}$ | $\begin{gathered} 1380 \\ (655,2506) \end{gathered}$ | $\begin{gathered} 7.4 \\ (3.5,13.5) \end{gathered}$ | $\begin{gathered} -34.1 \\ (-39.1,-29.0) \end{gathered}$ |
| United Kingdom | $\begin{gathered} 11923 \\ (5655,21659) \end{gathered}$ | $\begin{gathered} 12.3 \\ (5.8,22.4) \end{gathered}$ | $\begin{gathered} 9102 \\ (4307,16616) \end{gathered}$ | $\begin{gathered} 6.7 \\ (3.2,12.2) \end{gathered}$ | $\begin{gathered} -45.3 \\ (-46.1,-44.5) \end{gathered}$ |


| Southern Latin America | $\begin{gathered} 4378 \\ (2022,8042) \end{gathered}$ | $\begin{gathered} 9.8 \\ (4.5,18.0) \end{gathered}$ | $\begin{gathered} 5636 \\ (2646,10152) \end{gathered}$ | $\begin{gathered} 6.6 \\ (3.1,11.9) \end{gathered}$ | $\begin{gathered} -33.0 \\ (-36.5,-29.0) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Argentina | $\begin{gathered} 3076 \\ (1419,5700) \end{gathered}$ | $\begin{gathered} 9.8 \\ (4.6,18.1) \end{gathered}$ | $\begin{gathered} 3715 \\ (1742,6751) \end{gathered}$ | $\begin{gathered} 6.7 \\ (3.1,12.1) \end{gathered}$ | $\begin{gathered} -31.8 \\ (-36.5,-26.1) \end{gathered}$ |
| Chile | $\begin{gathered} 869 \\ (409,1585) \end{gathered}$ | $\begin{gathered} 9.4 \\ (4.5,17.1) \end{gathered}$ | $\begin{gathered} 1500 \\ (700,2712) \end{gathered}$ | $\begin{gathered} 6.2 \\ (2.9,11.2) \end{gathered}$ | $\begin{gathered} -34.5 \\ (-39.0,-29.7) \end{gathered}$ |
| Uruguay | $\begin{gathered} 433 \\ (202,794) \end{gathered}$ | $\begin{gathered} 10.8 \\ (5.0,19.7) \end{gathered}$ | $\begin{gathered} 421 \\ (197,771) \end{gathered}$ | $\begin{gathered} 7.2 \\ (3.4,13.2) \end{gathered}$ | $\begin{gathered} -33.0 \\ (-37.9,-28.0) \end{gathered}$ |
| High-income North America | $\begin{gathered} 40501 \\ (19113,72877) \end{gathered}$ | $\begin{gathered} 11.0 \\ (5.2,19.8) \end{gathered}$ | $\begin{gathered} 50935 \\ (23761,90890) \end{gathered}$ | $\begin{gathered} 7.7 \\ (3.6,13.7) \end{gathered}$ | $\begin{gathered} -30.4 \\ (-35.2,-24.8) \end{gathered}$ |
| Canada | $\begin{gathered} 4427 \\ (2069,8192) \end{gathered}$ | $\begin{gathered} 13.4 \\ (6.3,24.8) \end{gathered}$ | $\begin{gathered} 5506 \\ (2565,9985) \end{gathered}$ | $\begin{gathered} 7.6 \\ (3.5,13.9) \end{gathered}$ | $\begin{gathered} -43.7 \\ (-47.5,-39.5) \end{gathered}$ |
| United States of America | $\begin{gathered} 36070 \\ (17069,64990) \end{gathered}$ | $\begin{gathered} 10.8 \\ (5.1,19.3) \end{gathered}$ | $\begin{gathered} 45422 \\ (21165,81286) \end{gathered}$ | $\begin{gathered} 7.7 \\ (3.6,13.7) \end{gathered}$ | $\begin{gathered} -28.7 \\ (-34.2,-22.1) \end{gathered}$ |
| Greenland | $\begin{gathered} 4 \\ (2,8) \end{gathered}$ | $\begin{gathered} 15.9 \\ (7.4,28.5) \end{gathered}$ | $\begin{gathered} 6 \\ (3,11) \end{gathered}$ | $\begin{gathered} 9.5 \\ (4.5,17.2) \end{gathered}$ | $\begin{gathered} -40.6 \\ (-44.8,-36.5) \end{gathered}$ |
| Caribbean | $\begin{gathered} 1357 \\ (640,2438) \end{gathered}$ | $\begin{gathered} 5.5 \\ (2.6,9.9) \end{gathered}$ | $\begin{gathered} 2446 \\ (1166,4399) \end{gathered}$ | $\begin{gathered} 4.7 \\ (2.3,8.5) \end{gathered}$ | $\begin{gathered} -13.5 \\ (-16.9,-10.3) \end{gathered}$ |
| Antigua and Barbuda | $\begin{gathered} 3 \\ (1,6) \end{gathered}$ | $\begin{gathered} 5.3 \\ (2.5,9.7) \end{gathered}$ | $\begin{gathered} 4 \\ (2,8) \end{gathered}$ | $\begin{gathered} 4.6 \\ (2.2,8.5) \end{gathered}$ | $\begin{gathered} -13.2 \\ (-20.0,-5.8) \end{gathered}$ |
| Bahamas | $\begin{gathered} 7 \\ (3,13) \end{gathered}$ | $\begin{gathered} 5.3 \\ (2.5,9.6) \end{gathered}$ | $\begin{gathered} 16 \\ (7,29) \end{gathered}$ | $\begin{gathered} 4.7 \\ (2.2,8.5) \end{gathered}$ | $\begin{gathered} -10.8 \\ (-17.9,-3.1) \end{gathered}$ |
| Barbados | $\begin{gathered} 17 \\ (8,31) \end{gathered}$ | $\begin{gathered} 5.3 \\ (2.5,9.4) \end{gathered}$ | $\begin{gathered} 24 \\ (11,42) \end{gathered}$ | $\begin{gathered} 4.6 \\ (2.2,8.3) \end{gathered}$ | $\begin{gathered} -12.2 \\ (-18.5,-4.3) \end{gathered}$ |
| Belize | $\begin{gathered} 5 \\ (2,9) \end{gathered}$ | $\begin{gathered} 5.4 \\ (2.6,9.8) \end{gathered}$ | $\begin{gathered} 12 \\ (6,21) \end{gathered}$ | $\begin{gathered} 4.9 \\ (2.3,8.8) \end{gathered}$ | $\begin{gathered} -9.4 \\ (-16.8,-1.6) \end{gathered}$ |
| Bermuda | $\begin{gathered} 3 \\ (1,5) \end{gathered}$ | $\begin{gathered} 4.9 \\ (2.3,9.0) \end{gathered}$ | $\begin{gathered} 6 \\ (3,10) \end{gathered}$ | $\begin{gathered} 4.1 \\ (1.9,7.5) \end{gathered}$ | $\begin{gathered} -16.9 \\ (-22.8,-10.3) \end{gathered}$ |
| Cuba | $\begin{gathered} 555 \\ (266,1006) \end{gathered}$ | $\begin{gathered} 5.4 \\ (2.6,9.8) \end{gathered}$ | $\begin{gathered} 878 \\ (414,1597) \end{gathered}$ | $\begin{gathered} 4.5 \\ (2.1,8.1) \end{gathered}$ | $\begin{gathered} -18.3 \\ (-24.9,-11.5) \end{gathered}$ |
| Dominica | $\begin{gathered} 4 \\ (2,7) \end{gathered}$ | $\begin{gathered} 5.2 \\ (2.4,9.4) \end{gathered}$ | $\begin{gathered} 4 \\ (2,8) \end{gathered}$ | $\begin{gathered} 4.8 \\ (2.3,8.5) \end{gathered}$ | $\begin{gathered} -8.7 \\ (-15.9,-1.7) \end{gathered}$ |
| Dominican Republic | $\begin{gathered} 192 \\ (90,344) \end{gathered}$ | $\begin{gathered} 5.9 \\ (2.8,10.6) \end{gathered}$ | $\begin{gathered} 447 \\ (212,802) \end{gathered}$ | $\begin{gathered} 5.2 \\ (2.5,9.3) \end{gathered}$ | $\begin{gathered} -12.6 \\ (-19.9,-5.3) \end{gathered}$ |
| Grenada | $\begin{gathered} 4 \\ (2,8) \end{gathered}$ | $\begin{gathered} 5.5 \\ (2.6,10.1) \end{gathered}$ | $\begin{gathered} 5 \\ (2,9) \end{gathered}$ | $\begin{gathered} 5.0 \\ (2.4,9.1) \end{gathered}$ | $\begin{gathered} -8.9 \\ (-15.6,-1.4) \end{gathered}$ |
| Guyana | $\begin{gathered} 18 \\ (8,32) \end{gathered}$ | $\begin{gathered} 5.7 \\ (2.7,10.0) \end{gathered}$ | $\begin{gathered} 27 \\ (12,49) \end{gathered}$ | $\begin{gathered} 5.2 \\ (2.4,9.2) \end{gathered}$ | $\begin{gathered} -8.9 \\ (-16.3,-1.3) \end{gathered}$ |
| Haiti | $\begin{gathered} 154 \\ (70,277) \end{gathered}$ | $\begin{gathered} 6.0 \\ (2.8,10.6) \end{gathered}$ | $\begin{gathered} 286 \\ (133,507) \end{gathered}$ | $\begin{gathered} 5.2 \\ (2.4,9.2) \end{gathered}$ | $\begin{gathered} -13.8 \\ (-20.6,-7.2) \end{gathered}$ |
| Jamaica | $\begin{gathered} 96 \\ (45,175) \end{gathered}$ | $\begin{gathered} 5.2 \\ (2.4,9.4) \end{gathered}$ | $\begin{gathered} 160 \\ (76,290) \end{gathered}$ | $\begin{gathered} 5.3 \\ (2.5,9.6) \end{gathered}$ | $\begin{gathered} 1.7 \\ (-5.9,10.5) \end{gathered}$ |


| Puerto Rico | $\begin{gathered} 176 \\ (82,319) \end{gathered}$ | $\begin{gathered} 4.8 \\ (2.3,8.7) \end{gathered}$ | $\begin{gathered} 339 \\ (164,606) \end{gathered}$ | $\begin{gathered} 4.2 \\ (2.0,7.6) \end{gathered}$ | $\begin{gathered} -12.1 \\ (-18.9,-5.1) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Saint Kitts and Nevis | $\begin{gathered} 2 \\ (1,4) \end{gathered}$ | $\begin{gathered} 5.2 \\ (2.4,9.3) \end{gathered}$ | $\begin{gathered} 3 \\ (1,5) \end{gathered}$ | $\begin{gathered} 4.6 \\ (2.1,8.1) \end{gathered}$ | $\begin{gathered} -11.8 \\ (-18.8,-3.9) \end{gathered}$ |
| Saint Lucia | $\begin{gathered} 5 \\ (2,9) \end{gathered}$ | $\begin{gathered} 5.8 \\ (2.7,10.4) \end{gathered}$ | $\begin{gathered} 10 \\ (5,18) \end{gathered}$ | $\begin{gathered} 4.9 \\ (2.3,8.7) \end{gathered}$ | $\begin{gathered} -15.1 \\ (-21.4,-8.0) \end{gathered}$ |
| Saint Vincent and the Grenadines | $\begin{gathered} 4 \\ (2,7) \end{gathered}$ | $\begin{gathered} 5.5 \\ (2.6,9.8) \end{gathered}$ | $\begin{gathered} 7 \\ (3,12) \end{gathered}$ | $\begin{gathered} 5.1 \\ (2.4,9.2) \end{gathered}$ | $\begin{gathered} -5.7 \\ (-12.4,1.7) \end{gathered}$ |
| Suriname | $\begin{gathered} 14 \\ (6,24) \end{gathered}$ | $\begin{gathered} 5.8 \\ (2.8,10.3) \end{gathered}$ | $\begin{gathered} 31 \\ (14,55) \end{gathered}$ | $\begin{gathered} 5.5 \\ (2.6,9.9) \end{gathered}$ | $\begin{gathered} -4.7 \\ (-11.9,3.4) \end{gathered}$ |
| Trinidad and Tobago | $\begin{gathered} 49 \\ (23,89) \end{gathered}$ | $\begin{gathered} 6.3 \\ (2.9,11.4) \end{gathered}$ | $\begin{gathered} 98 \\ (46,177) \end{gathered}$ | $\begin{gathered} 5.4 \\ (2.6,9.7) \end{gathered}$ | $\begin{gathered} -14.3 \\ (-22.0,-6.3) \end{gathered}$ |
| United States Virgin Islands | $\begin{gathered} 4 \\ (2,6) \end{gathered}$ | $\begin{gathered} 4.9 \\ (2.3,8.9) \end{gathered}$ | $\begin{gathered} 9 \\ (4,16) \end{gathered}$ | $\begin{gathered} 4.5 \\ (2.1,8.2) \end{gathered}$ | $\begin{gathered} -8.0 \\ (-15.3,-0.4) \end{gathered}$ |
| Andean Latin America | $\begin{gathered} 895 \\ (423,1597) \end{gathered}$ | $\begin{gathered} 5.0 \\ (2.4,8.8) \end{gathered}$ | $\begin{gathered} 2185 \\ (1020,3973) \end{gathered}$ | $\begin{gathered} 4.1 \\ (1.9,7.4) \end{gathered}$ | $\begin{gathered} -18.0 \\ (-22.3,-13.3) \end{gathered}$ |
| Bolivia (Plurinational State of) | $\begin{gathered} 156 \\ (73,274) \end{gathered}$ | $\begin{gathered} 5.8 \\ (2.7,10.3) \end{gathered}$ | $\begin{gathered} 361 \\ (169,652) \end{gathered}$ | $\begin{gathered} 4.6 \\ (2.1,8.2) \end{gathered}$ | $\begin{gathered} -21.2 \\ (-27.7,-14.4) \end{gathered}$ |
| Ecuador | $\begin{gathered} 249 \\ (116,451) \end{gathered}$ | $\begin{gathered} 5.3 \\ (2.5,9.5) \end{gathered}$ | $\begin{gathered} 606 \\ (279,1086) \end{gathered}$ | $\begin{gathered} 4.3 \\ (2.0,7.6) \end{gathered}$ | $\begin{gathered} -19.2 \\ (-25.2,-12.4) \end{gathered}$ |
| Peru | $\begin{gathered} 490 \\ (232,871) \end{gathered}$ | $\begin{gathered} 4.6 \\ (2.2,8.2) \end{gathered}$ | $\begin{gathered} 1218 \\ (569,2244) \end{gathered}$ | $\begin{gathered} 3.9 \\ (1.8,7.2) \end{gathered}$ | $\begin{gathered} -16.4 \\ (-22.5,-9.2) \end{gathered}$ |
| Central Latin America | $\begin{gathered} 4758 \\ (2217,8509) \end{gathered}$ | $\begin{gathered} 6.6 \\ (3.1,11.8) \end{gathered}$ | $\begin{gathered} 11222 \\ (5257,20137) \end{gathered}$ | $\begin{gathered} 5.0 \\ (2.4,9.1) \end{gathered}$ | $\begin{gathered} -24.4 \\ (-26.6,-21.4) \end{gathered}$ |
| Colombia | $\begin{gathered} 946 \\ (444,1707) \end{gathered}$ | $\begin{gathered} 6.4 \\ (3.0,11.4) \end{gathered}$ | $\begin{gathered} 2424 \\ (1130,4321) \end{gathered}$ | $\begin{gathered} 4.6 \\ (2.1,8.1) \end{gathered}$ | $\begin{gathered} -28.4 \\ (-33.9,-22.3) \end{gathered}$ |
| Costa Rica | $\begin{gathered} 91 \\ (43,162) \end{gathered}$ | $\begin{gathered} 5.6 \\ (2.7,10.0) \end{gathered}$ | $\begin{gathered} 229 \\ (108,407) \end{gathered}$ | $\begin{gathered} 4.6 \\ (2.1,8.1) \end{gathered}$ | $\begin{gathered} -19.0 \\ (-25.6,-12.1) \end{gathered}$ |
| El Salvador | $\begin{gathered} 154 \\ (73,274) \end{gathered}$ | $\begin{gathered} 5.6 \\ (2.7,10.0) \end{gathered}$ | $\begin{gathered} 288 \\ (134,522) \end{gathered}$ | $\begin{gathered} 4.7 \\ (2.2,8.5) \end{gathered}$ | $\begin{gathered} -16.3 \\ (-23.4,-8.4) \end{gathered}$ |
| Guatemala | $\begin{gathered} 169 \\ (79,301) \end{gathered}$ | $\begin{gathered} 5.8 \\ (2.8,10.4) \end{gathered}$ | $\begin{gathered} 523 \\ (244,962) \end{gathered}$ | $\begin{gathered} 5.1 \\ (2.4,9.4) \end{gathered}$ | $\begin{gathered} -12.1 \\ (-18.9,-4.7) \end{gathered}$ |
| Honduras | $\begin{gathered} 114 \\ (53,204) \end{gathered}$ | $\begin{gathered} 6.4 \\ (3.0,11.4) \end{gathered}$ | $\begin{gathered} 287 \\ (133,509) \end{gathered}$ | $\begin{gathered} 5.4 \\ (2.5,9.6) \end{gathered}$ | $\begin{gathered} -16.0 \\ (-22.9,-8.6) \end{gathered}$ |
| Mexico | $\begin{gathered} 2544 \\ (1203,4575) \end{gathered}$ | $\begin{gathered} 6.9 \\ (3.3,12.4) \end{gathered}$ | $\begin{gathered} 5739 \\ (2710,10323) \end{gathered}$ | $\begin{gathered} 5.3 \\ (2.5,9.5) \end{gathered}$ | $\begin{gathered} -23.3 \\ (-25.7,-19.9) \end{gathered}$ |
| Nicaragua | $\begin{gathered} 81 \\ (38,146) \end{gathered}$ | $\begin{gathered} 6.2 \\ (2.9,11.3) \end{gathered}$ | $\begin{gathered} 189 \\ (87,346) \end{gathered}$ | $\begin{gathered} 5.0 \\ (2.3,9.1) \end{gathered}$ | $\begin{gathered} -20.2 \\ (-26.4,-13.2) \end{gathered}$ |
| Panama | $\begin{gathered} 76 \\ (36,134) \end{gathered}$ | $\begin{gathered} 5.5 \\ (2.6,9.7) \end{gathered}$ | $\begin{gathered} 188 \\ (89,343) \end{gathered}$ | $\begin{gathered} 4.6 \\ (2.2,8.3) \end{gathered}$ | $\begin{gathered} -16.8 \\ (-23.0,-10.4) \end{gathered}$ |
| Venezuela (Bolivarian Republic of) | $\begin{gathered} 583 \\ (272,1035) \end{gathered}$ | $\begin{gathered} 7.0 \\ (3.3,12.4) \end{gathered}$ | $\begin{gathered} 1354 \\ (639,2469) \end{gathered}$ | $\begin{gathered} 5.0 \\ (2.4,8.9) \end{gathered}$ | $\begin{gathered} -29.1 \\ (-35.1,-22.5) \end{gathered}$ |


| Tropical Latin America | $\begin{gathered} 4941 \\ (2323,8892) \end{gathered}$ | $\begin{gathered} 6.5 \\ (3.1,11.5) \end{gathered}$ | $\begin{gathered} 10643 \\ (5013,19411) \end{gathered}$ | $\begin{gathered} 4.6 \\ (2.2,8.4) \end{gathered}$ | $\begin{gathered} -28.5 \\ (-31.0,-25.3) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Brazil | $\begin{gathered} 4816 \\ (2265,8671) \end{gathered}$ | $\begin{gathered} 6.5 \\ (3.1,11.5) \end{gathered}$ | $\begin{gathered} 10371 \\ (4896,18931) \end{gathered}$ | $\begin{gathered} 4.6 \\ (2.2,8.3) \end{gathered}$ | $\begin{gathered} -28.9 \\ (-31.3,-25.6) \end{gathered}$ |
| Paraguay | $\begin{gathered} 124 \\ (58,224) \end{gathered}$ | $\begin{gathered} 6.2 \\ (2.9,11.0) \end{gathered}$ | $\begin{gathered} 272 \\ (127,496) \end{gathered}$ | $\begin{gathered} 5.3 \\ (2.5,9.6) \end{gathered}$ | $\begin{gathered} -14.6 \\ (-20.9,-7.3) \end{gathered}$ |
| North Africa and Middle East | $\begin{gathered} 8636 \\ (3969,15577) \end{gathered}$ | $\begin{gathered} 6.2 \\ (2.9,11.0) \end{gathered}$ | $\begin{gathered} 18907 \\ (8866,34351) \end{gathered}$ | $\begin{gathered} 5.2 \\ (2.5,9.4) \end{gathered}$ | $\begin{gathered} -15.3 \\ (-17.7,-11.7) \end{gathered}$ |
| Afghanistan | $\begin{gathered} 362 \\ (167,653) \end{gathered}$ | $\begin{gathered} 5.9 \\ (2.8,10.7) \end{gathered}$ | $\begin{gathered} 525 \\ (244,929) \end{gathered}$ | $\begin{gathered} 6.0 \\ (2.8,10.7) \end{gathered}$ | $\begin{gathered} 1.9 \\ (-5.9,10.3) \end{gathered}$ |
| Algeria | $\begin{gathered} 629 \\ (292,1149) \end{gathered}$ | $\begin{gathered} 6.0 \\ (2.8,11.0) \end{gathered}$ | $\begin{gathered} 1518 \\ (720,2739) \end{gathered}$ | $\begin{gathered} 5.2 \\ (2.4,9.4) \end{gathered}$ | $\begin{gathered} -13.4 \\ (-20.5,-5.8) \end{gathered}$ |
| Bahrain | $\begin{gathered} 8 \\ (4,14) \end{gathered}$ | $\begin{gathered} 6.3 \\ (2.9,11.4) \end{gathered}$ | $\begin{gathered} 34 \\ (16,63) \end{gathered}$ | $\begin{gathered} 5.2 \\ (2.4,9.4) \end{gathered}$ | $\begin{gathered} -17.0 \\ (-23.5,-10.2) \end{gathered}$ |
| Egypt | $\begin{gathered} 1352 \\ (618,2451) \end{gathered}$ | $\begin{gathered} 5.8 \\ (2.7,10.3) \end{gathered}$ | $\begin{gathered} 2752 \\ (1278,4975) \end{gathered}$ | $\begin{gathered} 5.4 \\ (2.5,9.6) \end{gathered}$ | $\begin{gathered} -5.9 \\ (-13.0,1.8) \end{gathered}$ |
| Iran (Islamic Republic of) | $\begin{gathered} 1093 \\ (501,1983) \end{gathered}$ | $\begin{gathered} 5.5 \\ (2.6,9.9) \end{gathered}$ | $\begin{gathered} 3267 \\ (1548,5937) \end{gathered}$ | $\begin{gathered} 5.1 \\ (2.5,9.3) \end{gathered}$ | $\begin{gathered} -6.9 \\ (-9.5,-3.2) \end{gathered}$ |
| Iraq | $\begin{gathered} 495 \\ (230,894) \end{gathered}$ | $\begin{gathered} 7.4 \\ (3.4,13.3) \end{gathered}$ | $\begin{gathered} 1065 \\ (494,1946) \end{gathered}$ | $\begin{gathered} 5.8 \\ (2.7,10.6) \end{gathered}$ | $\begin{gathered} -20.7 \\ (-26.7,-14.0) \end{gathered}$ |
| Jordan | $\begin{gathered} 64 \\ (30,114) \end{gathered}$ | $\begin{gathered} 6.4 \\ (3.0,11.5) \end{gathered}$ | $\begin{gathered} 277 \\ (129,505) \end{gathered}$ | $\begin{gathered} 5.4 \\ (2.5,9.8) \end{gathered}$ | $\begin{gathered} -15.2 \\ (-21.1,-7.4) \end{gathered}$ |
| Kuwait | $\begin{gathered} 22 \\ (10,39) \end{gathered}$ | $\begin{gathered} 5.2 \\ (2.4,9.4) \end{gathered}$ | $\begin{gathered} 89 \\ (41,160) \end{gathered}$ | $\begin{gathered} 4.8 \\ (2.2,8.6) \end{gathered}$ | $\begin{gathered} -8.5 \\ (-15.2,-1.9) \end{gathered}$ |
| Lebanon | $\begin{gathered} 131 \\ (61,242) \end{gathered}$ | $\begin{gathered} 6.7 \\ (3.1,12.3) \end{gathered}$ | $\begin{gathered} 296 \\ (140,547) \end{gathered}$ | $\begin{gathered} 5.7 \\ (2.7,10.5) \end{gathered}$ | $\begin{gathered} -14.5 \\ (-20.8,-7.6) \end{gathered}$ |
| Libya | $\begin{gathered} 89 \\ (41,161) \end{gathered}$ | $\begin{gathered} 5.6 \\ (2.6,10.1) \end{gathered}$ | $\begin{gathered} 220 \\ (103,396) \end{gathered}$ | $\begin{gathered} 5.2 \\ (2.4,9.5) \end{gathered}$ | $\begin{gathered} -6.8 \\ (-13.8,0.2) \end{gathered}$ |
| Morocco | $\begin{gathered} 710 \\ (325,1301) \end{gathered}$ | $\begin{gathered} 6.2 \\ (2.8,11.2) \end{gathered}$ | $\begin{gathered} 1434 \\ (675,2619) \end{gathered}$ | $\begin{gathered} 5.4 \\ (2.5,9.8) \end{gathered}$ | $\begin{gathered} -13.0 \\ (-19.1,-5.0) \end{gathered}$ |
| Palestine | $\begin{gathered} 42 \\ (20,76) \end{gathered}$ | $\begin{gathered} 5.5 \\ (2.6,9.9) \end{gathered}$ | $\begin{gathered} 94 \\ (44,168) \end{gathered}$ | $\begin{gathered} 5.1 \\ (2.4,8.9) \end{gathered}$ | $\begin{gathered} -8.2 \\ (-14.9,-0.8) \end{gathered}$ |
| Oman | $\begin{gathered} 25 \\ (12,46) \end{gathered}$ | $\begin{gathered} 5.5 \\ (2.6,10.0) \end{gathered}$ | $\begin{gathered} 58 \\ (27,106) \end{gathered}$ | $\begin{gathered} 5.1 \\ (2.4,9.3) \end{gathered}$ | $\begin{gathered} -7.0 \\ (-13.4,-0.1) \end{gathered}$ |
| Qatar | $\begin{gathered} 4 \\ (2,7) \end{gathered}$ | $\begin{gathered} 6.5 \\ (3.1,11.7) \end{gathered}$ | $\begin{gathered} 24 \\ (11,45) \end{gathered}$ | $\begin{gathered} 4.6 \\ (2.2,8.3) \end{gathered}$ | $\begin{gathered} -29.3 \\ (-34.9,-23.5) \end{gathered}$ |
| Saudi Arabia | $\begin{gathered} 224 \\ (105,403) \end{gathered}$ | $\begin{gathered} 5.0 \\ (2.4,9.0) \end{gathered}$ | $\begin{gathered} 478 \\ (217,874) \end{gathered}$ | $\begin{gathered} 4.3 \\ (2.0,7.8) \end{gathered}$ | $\begin{gathered} -14.7 \\ (-21.4,-7.7) \end{gathered}$ |
| Sudan | $\begin{gathered} 398 \\ (189,721) \end{gathered}$ | $\begin{gathered} 5.0 \\ (2.4,8.9) \end{gathered}$ | $\begin{gathered} 723 \\ (335,1303) \end{gathered}$ | $\begin{gathered} 4.8 \\ (2.2,8.6) \end{gathered}$ | $\begin{gathered} -5.2 \\ (-12.9,3.0) \end{gathered}$ |
| Syrian Arab Republic | $\begin{gathered} 258 \\ (118,466) \end{gathered}$ | $\begin{gathered} 5.9 \\ (2.7,10.6) \end{gathered}$ | $\begin{gathered} 502 \\ (231,920) \end{gathered}$ | $\begin{gathered} 4.8 \\ (2.3,8.6) \end{gathered}$ | $\begin{gathered} -18.3 \\ (-24.0,-11.4) \end{gathered}$ |


| Tunisia | $\begin{gathered} 253 \\ (116,463) \end{gathered}$ | $\begin{gathered} 5.8 \\ (2.7,10.4) \end{gathered}$ | $\begin{gathered} 606 \\ (285,1117) \end{gathered}$ | $\begin{gathered} 5.2 \\ (2.5,9.6) \end{gathered}$ | $\begin{gathered} -10.8 \\ (-18.0,-3.1) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Türkiye | $\begin{gathered} 2240 \\ (1012,4010) \end{gathered}$ | $\begin{gathered} 7.3 \\ (3.4,13.1) \end{gathered}$ | $\begin{gathered} 4266 \\ (2017,7829) \end{gathered}$ | $\begin{gathered} 5.1 \\ (2.4,9.4) \end{gathered}$ | $\begin{gathered} -30.0 \\ (-35.5,-23.6) \end{gathered}$ |
| United Arab Emirates | $\begin{gathered} 12 \\ (6,23) \end{gathered}$ | $\begin{gathered} 5.9 \\ (2.7,10.4) \end{gathered}$ | $\begin{gathered} 87 \\ (39,161) \end{gathered}$ | $\begin{gathered} 5.1 \\ (2.4,9.3) \end{gathered}$ | $\begin{gathered} -12.6 \\ (-19.1,-5.9) \end{gathered}$ |
| Yemen | $\begin{gathered} 219 \\ (101,394) \end{gathered}$ | $\begin{gathered} 5.8 \\ (2.8,10.4) \end{gathered}$ | $\begin{gathered} 570 \\ (266,1019) \end{gathered}$ | $\begin{gathered} 5.4 \\ (2.5,9.7) \end{gathered}$ | $\begin{gathered} -6.8 \\ (-13.7,0.6) \end{gathered}$ |
| South Asia | $\begin{gathered} 22574 \\ (10457,39928) \end{gathered}$ | $\begin{gathered} 5.3 \\ (2.5,9.5) \end{gathered}$ | $\begin{gathered} 58013 \\ (27257,103644) \end{gathered}$ | $\begin{gathered} 4.8 \\ (2.3,8.4) \end{gathered}$ | $\begin{gathered} -10.8 \\ (-13.2,-7.4) \end{gathered}$ |
| Bangladesh | $\begin{gathered} 1983 \\ (949,3550) \end{gathered}$ | $\begin{gathered} 5.1 \\ (2.4,9.1) \end{gathered}$ | $\begin{gathered} 5039 \\ (2388,9005) \end{gathered}$ | $\begin{gathered} 4.2 \\ (2.0,7.5) \end{gathered}$ | $\begin{gathered} -16.8 \\ (-23.5,-8.9) \end{gathered}$ |
| Bhutan | $\begin{gathered} 10 \\ (5,18) \end{gathered}$ | $\begin{gathered} 5.4 \\ (2.5,9.5) \end{gathered}$ | $\begin{gathered} 22 \\ (10,39) \end{gathered}$ | $\begin{gathered} 4.3 \\ (2.0,7.7) \end{gathered}$ | $\begin{gathered} -19.6 \\ (-26.1,-11.8) \end{gathered}$ |
| India | $\begin{gathered} 17162 \\ (7941,30529) \end{gathered}$ | $\begin{gathered} 5.2 \\ (2.5,9.3) \end{gathered}$ | $\begin{gathered} 47210 \\ (22187,84447) \end{gathered}$ | $\begin{gathered} 4.8 \\ (2.3,8.4) \end{gathered}$ | $\begin{gathered} -9.2 \\ (-11.8,-5.7) \end{gathered}$ |
| Nepal | $\begin{gathered} 408 \\ (190,716) \end{gathered}$ | $\begin{gathered} 5.6 \\ (2.7,10.0) \end{gathered}$ | $\begin{gathered} 932 \\ (439,1676) \end{gathered}$ | $\begin{gathered} 4.8 \\ (2.3,8.4) \end{gathered}$ | $\begin{gathered} -15.4 \\ (-22.2,-7.2) \end{gathered}$ |
| Pakistan | $\begin{gathered} 3011 \\ (1399,5428) \end{gathered}$ | $\begin{gathered} 6.0 \\ (2.9,10.9) \end{gathered}$ | $\begin{gathered} 4811 \\ (2251,8567) \end{gathered}$ | $\begin{gathered} 5.7 \\ (2.7,10.2) \end{gathered}$ | $\begin{gathered} -5.8 \\ (-10.5,-0.7) \end{gathered}$ |
| Central Sub- <br> Saharan Africa | $\begin{gathered} 1132 \\ (527,2019) \end{gathered}$ | $\begin{gathered} 6.7 \\ (3.1,12.0) \end{gathered}$ | $\begin{gathered} 2456 \\ (1129,4402) \end{gathered}$ | $\begin{gathered} 6.3 \\ (3.0,11.4) \end{gathered}$ | $\begin{gathered} -6.0 \\ (-11.3,-0.3) \end{gathered}$ |
| Angola | $\begin{gathered} 199 \\ (95,350) \end{gathered}$ | $\begin{gathered} 7.3 \\ (3.5,13.1) \end{gathered}$ | $\begin{gathered} 553 \\ (257,1005) \end{gathered}$ | $\begin{gathered} 7.0 \\ (3.3,12.6) \end{gathered}$ | $\begin{gathered} -4.1 \\ (-11.7,3.8) \end{gathered}$ |
| Central African Republic | $\begin{gathered} 58 \\ (27,101) \end{gathered}$ | $\begin{gathered} 7.0 \\ (3.3,12.5) \end{gathered}$ | $\begin{gathered} 102 \\ (47,183) \end{gathered}$ | $\begin{gathered} 7.1 \\ (3.4,12.8) \end{gathered}$ | $\begin{gathered} 1.5 \\ (-7.3,9.9) \end{gathered}$ |
| Congo | $\begin{gathered} 61 \\ (28,110) \end{gathered}$ | $\begin{gathered} 7.4 \\ (3.4,13.3) \end{gathered}$ | $\begin{gathered} 124 \\ (57,222) \end{gathered}$ | $\begin{gathered} 6.5 \\ (3.0,11.7) \end{gathered}$ | $\begin{gathered} -12.5 \\ (-19.7,-5.2) \end{gathered}$ |
| Democratic Republic of the Congo | $\begin{gathered} 770 \\ (356,1396) \end{gathered}$ | $\begin{gathered} 6.4 \\ (3.0,11.6) \end{gathered}$ | $\begin{gathered} 1599 \\ (735,2852) \end{gathered}$ | $\begin{gathered} 6.0 \\ (2.9,10.7) \end{gathered}$ | $\begin{gathered} -6.3 \\ (-13.4,1.4) \end{gathered}$ |
| Equatorial Guinea | $\begin{gathered} 11 \\ (5,19) \end{gathered}$ | $\begin{gathered} 7.2 \\ (3.4,12.7) \end{gathered}$ | $\begin{gathered} 23 \\ (11,42) \end{gathered}$ | $\begin{gathered} 6.4 \\ (3.0,11.3) \end{gathered}$ | $\begin{gathered} -11.2 \\ (-19.0,-2.6) \end{gathered}$ |
| Gabon | $\begin{gathered} 33 \\ (15,58) \end{gathered}$ | $\begin{gathered} 6.9 \\ (3.3,12.2) \end{gathered}$ | $\begin{gathered} 54 \\ (25,97) \end{gathered}$ | $\begin{gathered} 6.4 \\ (3.0,11.6) \end{gathered}$ | $\begin{gathered} -7.2 \\ (-14.0,1.0) \end{gathered}$ |
| Eastern SubSaharan Africa | $\begin{gathered} 3299 \\ (1522,5883) \end{gathered}$ | $\begin{gathered} 5.7 \\ (2.7,10.2) \end{gathered}$ | $\begin{gathered} 6805 \\ (3186,12174) \end{gathered}$ | $\begin{gathered} 5.4 \\ (2.5,9.6) \end{gathered}$ | $\begin{gathered} -4.7 \\ (-7.3,-1.5) \end{gathered}$ |
| Burundi | $\begin{gathered} 117 \\ (54,211) \end{gathered}$ | $\begin{gathered} 6.0 \\ (2.8,10.7) \end{gathered}$ | $\begin{gathered} 185 \\ (86,332) \end{gathered}$ | $\begin{gathered} 5.5 \\ (2.5,9.7) \end{gathered}$ | $\begin{gathered} -8.3 \\ (-16.1,-0.2) \end{gathered}$ |
| Comoros | $\begin{gathered} 11 \\ (5,21) \end{gathered}$ | $\begin{gathered} 5.9 \\ (2.8,10.7) \end{gathered}$ | $\begin{gathered} 23 \\ (11,41) \end{gathered}$ | $\begin{gathered} 5.4 \\ (2.6,9.6) \end{gathered}$ | $\begin{gathered} -8.5 \\ (-15.2,-0.8) \end{gathered}$ |
| Djibouti | $\begin{gathered} 5 \\ (2,10) \end{gathered}$ | $\begin{gathered} 5.9 \\ (2.7,10.6) \end{gathered}$ | $\begin{gathered} 23 \\ (11,42) \end{gathered}$ | $\begin{gathered} 5.5 \\ (2.6,10.0) \end{gathered}$ | $\begin{gathered} -5.8 \\ (-13.0,2.5) \end{gathered}$ |


| Eritrea | $\begin{gathered} 38 \\ (17,67) \end{gathered}$ | $\begin{gathered} 6.0 \\ (2.9,10.8) \end{gathered}$ | $\begin{gathered} 98 \\ (45,175) \end{gathered}$ | $\begin{gathered} 5.4 \\ (2.5,9.8) \end{gathered}$ | $\begin{gathered} -9.8 \\ (-17.5,-0.8) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Ethiopia | $\begin{gathered} 742 \\ (339,1324) \end{gathered}$ | $\begin{gathered} 5.2 \\ (2.5,9.4) \end{gathered}$ | $\begin{gathered} 1537 \\ (721,2775) \end{gathered}$ | $\begin{gathered} 4.6 \\ (2.2,8.3) \end{gathered}$ | $\begin{gathered} -10.9 \\ (-15.2,-5.9) \end{gathered}$ |
| Kenya | $\begin{gathered} 384 \\ (177,687) \end{gathered}$ | $\begin{gathered} 5.8 \\ (2.7,10.3) \end{gathered}$ | $\begin{gathered} 929 \\ (430,1655) \end{gathered}$ | $\begin{gathered} 5.6 \\ (2.6,10.1) \end{gathered}$ | $\begin{gathered} -2.2 \\ (-4.0,0.3) \end{gathered}$ |
| Madagascar | $\begin{gathered} 233 \\ (110,415) \end{gathered}$ | $\begin{gathered} 5.5 \\ (2.6,9.9) \end{gathered}$ | $\begin{gathered} 417 \\ (192,736) \end{gathered}$ | $\begin{gathered} 5.4 \\ (2.6,9.5) \end{gathered}$ | $\begin{gathered} -2.4 \\ (-9.5,5.3) \end{gathered}$ |
| Malawi | $\begin{gathered} 198 \\ (92,349) \end{gathered}$ | $\begin{gathered} 6.5 \\ (3.0,11.5) \end{gathered}$ | $\begin{gathered} 348 \\ (162,632) \end{gathered}$ | $\begin{gathered} 6.0 \\ (2.8,10.7) \end{gathered}$ | $\begin{gathered} -8.1 \\ (-15.8,-1.0) \end{gathered}$ |
| Mozambique | $\begin{gathered} 297 \\ (138,536) \end{gathered}$ | $\begin{gathered} 6.3 \\ (3.0,11.4) \end{gathered}$ | $\begin{gathered} 522 \\ (244,928) \end{gathered}$ | $\begin{gathered} 6.2 \\ (2.9,11.1) \end{gathered}$ | $\begin{gathered} -2.0 \\ (-9.0,7.0) \end{gathered}$ |
| Rwanda | $\begin{gathered} 149 \\ (69,268) \end{gathered}$ | $\begin{gathered} 6.4 \\ (3.1,11.5) \end{gathered}$ | $\begin{gathered} 268 \\ (123,492) \end{gathered}$ | $\begin{gathered} 5.7 \\ (2.7,10.5) \end{gathered}$ | $\begin{gathered} -10.9 \\ (-18.3,-2.6) \end{gathered}$ |
| Somalia | $\begin{gathered} 101 \\ (47,181) \end{gathered}$ | $\begin{gathered} 5.9 \\ (2.8,10.6) \end{gathered}$ | $\begin{gathered} 284 \\ (131,501) \end{gathered}$ | $\begin{gathered} 6.1 \\ (2.8,10.8) \end{gathered}$ | $\begin{gathered} 2.6 \\ (-5.7,11.2) \end{gathered}$ |
| South Sudan | $\begin{gathered} 108 \\ (49,193) \end{gathered}$ | $\begin{gathered} 5.5 \\ (2.5,9.8) \end{gathered}$ | $\begin{gathered} 168 \\ (77,299) \end{gathered}$ | $\begin{gathered} 5.8 \\ (2.7,10.3) \end{gathered}$ | $\begin{gathered} 5.2 \\ (-2.5,13.8) \end{gathered}$ |
| Uganda | $\begin{gathered} 288 \\ (133,519) \end{gathered}$ | $\begin{gathered} 5.5 \\ (2.6,9.8) \end{gathered}$ | $\begin{gathered} 577 \\ (271,1041) \end{gathered}$ | $\begin{gathered} 5.3 \\ (2.5,9.5) \end{gathered}$ | $\begin{gathered} -3.0 \\ (-10.5,5.9) \end{gathered}$ |
| United Republic of Tanzania | $\begin{gathered} 493 \\ (227,898) \end{gathered}$ | $\begin{gathered} 5.6 \\ (2.6,10.1) \end{gathered}$ | $\begin{gathered} 1145 \\ (538,2027) \end{gathered}$ | $\begin{gathered} 5.8 \\ (2.7,10.2) \end{gathered}$ | $\begin{gathered} 3.6 \\ (-4.5,12.9) \end{gathered}$ |
| Zambia | $\begin{gathered} 132 \\ (60,235) \end{gathered}$ | $\begin{gathered} 6.0 \\ (2.8,10.6) \end{gathered}$ | $\begin{gathered} 274 \\ (127,496) \end{gathered}$ | $\begin{gathered} 5.5 \\ (2.6,9.9) \end{gathered}$ | $\begin{gathered} -8.8 \\ (-16.4,0.0) \end{gathered}$ |
| Southern SubSaharan Africa | $\begin{gathered} 2012 \\ (936,3588) \end{gathered}$ | $\begin{gathered} 8.5 \\ (4.1,15.3) \end{gathered}$ | $\begin{gathered} 3334 \\ (1568,6000) \end{gathered}$ | $\begin{gathered} 7.0 \\ (3.3,12.5) \end{gathered}$ | $\begin{gathered} -18.4 \\ (-20.8,-15.5) \end{gathered}$ |
| Botswana | $\begin{gathered} 34 \\ (15,61) \end{gathered}$ | $\begin{gathered} 7.3 \\ (3.4,13.2) \end{gathered}$ | $\begin{gathered} 69 \\ (32,123) \end{gathered}$ | $\begin{gathered} 6.6 \\ (3.1,11.7) \end{gathered}$ | $\begin{gathered} -9.5 \\ (-17.0,-1.5) \end{gathered}$ |
| Lesotho | $\begin{gathered} 61 \\ (28,109) \end{gathered}$ | $\begin{gathered} 7.2 \\ (3.4,12.9) \end{gathered}$ | $\begin{gathered} 78 \\ (35,142) \end{gathered}$ | $\begin{gathered} 7.6 \\ (3.5,13.9) \end{gathered}$ | $\begin{gathered} 5.5 \\ (-2.8,14.5) \end{gathered}$ |
| Namibia | $\begin{gathered} 49 \\ (22,86) \end{gathered}$ | $\begin{gathered} 7.7 \\ (3.6,13.8) \end{gathered}$ | $\begin{gathered} 78 \\ (36,141) \end{gathered}$ | $\begin{gathered} 6.5 \\ (3.0,11.6) \end{gathered}$ | $\begin{gathered} -16.2 \\ (-22.9,-8.8) \end{gathered}$ |
| South Africa | $\begin{gathered} 1632 \\ (764,2922) \end{gathered}$ | $\begin{gathered} 9.0 \\ (4.3,16.1) \end{gathered}$ | $\begin{gathered} 2672 \\ (1249,4836) \end{gathered}$ | $\begin{gathered} 6.9 \\ (3.3,12.5) \end{gathered}$ | $\begin{gathered} -23.0 \\ (-25.7,-19.9) \end{gathered}$ |
| Eswatini | $\begin{gathered} 18 \\ (8,32) \end{gathered}$ | $\begin{gathered} 7.9 \\ (3.7,14.2) \end{gathered}$ | $\begin{gathered} 35 \\ (16,64) \end{gathered}$ | $\begin{gathered} 7.7 \\ (3.6,13.7) \end{gathered}$ | $\begin{gathered} -3.2 \\ (-10.6,4.9) \end{gathered}$ |
| Zimbabwe | $\begin{gathered} 219 \\ (101,393) \end{gathered}$ | $\begin{gathered} 6.7 \\ (3.2,11.8) \end{gathered}$ | $\begin{gathered} 403 \\ (189,720) \end{gathered}$ | $\begin{gathered} 7.3 \\ (3.5,13.0) \end{gathered}$ | $\begin{gathered} 9.5 \\ (1.1,17.9) \end{gathered}$ |
| Western SubSaharan Africa | $\begin{gathered} 3748 \\ (1731,6741) \end{gathered}$ | $\begin{gathered} 5.2 \\ (2.5,9.3) \end{gathered}$ | $\begin{gathered} 7484 \\ (3475,13479) \end{gathered}$ | $\begin{gathered} 5.1 \\ (2.4,9.2) \end{gathered}$ | $\begin{gathered} -2.5 \\ (-4.6,0.0) \end{gathered}$ |
| Benin | $\begin{gathered} 101 \\ (47,181) \end{gathered}$ | $\begin{gathered} 5.7 \\ (2.7,10.3) \end{gathered}$ | $\begin{gathered} 216 \\ (101,389) \end{gathered}$ | $\begin{gathered} 5.6 \\ (2.6,10.0) \end{gathered}$ | $\begin{gathered} -3.0 \\ (-10.6,4.9) \end{gathered}$ |


| Burkina Faso | $\begin{gathered} 187 \\ (85,333) \end{gathered}$ | $\begin{gathered} 5.2 \\ (2.5,9.2) \end{gathered}$ | $\begin{gathered} 365 \\ (171,654) \end{gathered}$ | $\begin{gathered} 5.1 \\ (2.4,9.1) \end{gathered}$ | $\begin{gathered} -2.2 \\ (-9.3,6.2) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Cameroon | $\begin{gathered} 182 \\ (83,325) \end{gathered}$ | $\begin{gathered} 5.2 \\ (2.5,9.2) \end{gathered}$ | $\begin{gathered} 468 \\ (219,848) \end{gathered}$ | $\begin{gathered} 5.1 \\ (2.4,9.1) \end{gathered}$ | $\begin{gathered} -1.6 \\ (-9.9,7.0) \end{gathered}$ |
| Cabo Verde | $\begin{gathered} 13 \\ (6,24) \end{gathered}$ | $\begin{gathered} 5.4 \\ (2.5,9.7) \end{gathered}$ | $\begin{gathered} 20 \\ (9,35) \end{gathered}$ | $\begin{gathered} 5.0 \\ (2.3,9.2) \end{gathered}$ | $\begin{gathered} -7.8 \\ (-15.4,0.2) \end{gathered}$ |
| Chad | $\begin{gathered} 129 \\ (61,232) \end{gathered}$ | $\begin{gathered} 5.1 \\ (2.4,9.2) \end{gathered}$ | $\begin{gathered} 229 \\ (107,414) \end{gathered}$ | $\begin{gathered} 5.2 \\ (2.4,9.1) \end{gathered}$ | $\begin{gathered} 0.3 \\ (-7.3,7.6) \end{gathered}$ |
| Cote d'Ivoire | $\begin{gathered} 158 \\ (72,280) \end{gathered}$ | $\begin{gathered} 5.7 \\ (2.6,10.1) \end{gathered}$ | $\begin{gathered} 437 \\ (205,775) \end{gathered}$ | $\begin{gathered} 5.6 \\ (2.7,9.9) \end{gathered}$ | $\begin{gathered} -0.7 \\ (-7.8,8.0) \end{gathered}$ |
| Gambia | $\begin{gathered} 16 \\ (8,30) \end{gathered}$ | $\begin{gathered} 5.9 \\ (2.8,10.7) \end{gathered}$ | $\begin{gathered} 46 \\ (22,84) \end{gathered}$ | $\begin{gathered} 5.7 \\ (2.7,10.3) \end{gathered}$ | $\begin{gathered} -3.6 \\ (-10.8,4.0) \end{gathered}$ |
| Ghana | $\begin{gathered} 262 \\ (122,469) \end{gathered}$ | $\begin{gathered} 5.4 \\ (2.6,9.6) \end{gathered}$ | $\begin{gathered} 664 \\ (308,1206) \end{gathered}$ | $\begin{gathered} 5.2 \\ (2.4,9.3) \end{gathered}$ | $\begin{gathered} -3.9 \\ (-11.8,4.8) \end{gathered}$ |
| Guinea | $\begin{gathered} 150 \\ (71,272) \end{gathered}$ | $\begin{gathered} 5.1 \\ (2.4,9.3) \end{gathered}$ | $\begin{gathered} 237 \\ (112,427) \end{gathered}$ | $\begin{gathered} 5.1 \\ (2.4,9.0) \end{gathered}$ | $\begin{gathered} -1.2 \\ (-8.4,6.5) \end{gathered}$ |
| Guinea-Bissau | $\begin{gathered} 19 \\ (9,33) \end{gathered}$ | $\begin{gathered} 5.8 \\ (2.8,10.6) \end{gathered}$ | $\begin{gathered} 30 \\ (14,54) \end{gathered}$ | $\begin{gathered} 5.6 \\ (2.7,10.0) \end{gathered}$ | $\begin{gathered} -4.6 \\ (-11.9,3.3) \end{gathered}$ |
| Liberia | $\begin{gathered} 58 \\ (27,104) \end{gathered}$ | $\begin{gathered} 5.9 \\ (2.8,10.8) \end{gathered}$ | $\begin{gathered} 86 \\ (40,154) \end{gathered}$ | $\begin{gathered} 5.5 \\ (2.6,9.9) \end{gathered}$ | $\begin{gathered} -6.2 \\ (-13.2,2.2) \end{gathered}$ |
| Mali | $\begin{gathered} 175 \\ (80,312) \end{gathered}$ | $\begin{gathered} 5.2 \\ (2.5,9.4) \end{gathered}$ | $\begin{gathered} 355 \\ (165,639) \end{gathered}$ | $\begin{gathered} 5.1 \\ (2.4,9.2) \end{gathered}$ | $\begin{gathered} -2.4 \\ (-9.4,5.4) \end{gathered}$ |
| Mauritania | $\begin{gathered} 47 \\ (22,84) \end{gathered}$ | $\begin{gathered} 5.4 \\ (2.5,9.6) \end{gathered}$ | $\begin{gathered} 91 \\ (43,165) \end{gathered}$ | $\begin{gathered} 5.1 \\ (2.4,9.1) \end{gathered}$ | $\begin{gathered} -6.8 \\ (-13.9,1.1) \end{gathered}$ |
| Niger | $\begin{gathered} 108 \\ (49,193) \end{gathered}$ | $\begin{gathered} 5.2 \\ (2.5,9.5) \end{gathered}$ | $\begin{gathered} 305 \\ (143,554) \end{gathered}$ | $\begin{gathered} 5.1 \\ (2.4,9.2) \end{gathered}$ | $\begin{gathered} -2.7 \\ (-10.1,5.0) \end{gathered}$ |
| Nigeria | $\begin{gathered} 1818 \\ (847,3272) \end{gathered}$ | $\begin{gathered} 5.0 \\ (2.3,9.0) \end{gathered}$ | $\begin{gathered} 3271 \\ (1527,5875) \end{gathered}$ | $\begin{gathered} 4.9 \\ (2.3,8.8) \end{gathered}$ | $\begin{gathered} -2.4 \\ (-4.5,-0.1) \end{gathered}$ |
| Sao Tome and Principe | $\begin{gathered} 3 \\ (1,6) \end{gathered}$ | $\begin{gathered} 5.5 \\ (2.6,9.7) \end{gathered}$ | $\begin{gathered} 4 \\ (2,8) \end{gathered}$ | $\begin{gathered} 5.2 \\ (2.4,9.1) \end{gathered}$ | $\begin{gathered} -6.8 \\ (-14.1,0.6) \end{gathered}$ |
| Senegal | $\begin{gathered} 158 \\ (73,284) \end{gathered}$ | $\begin{gathered} 5.8 \\ (2.8,10.5) \end{gathered}$ | $\begin{gathered} 342 \\ (157,622) \end{gathered}$ | $\begin{gathered} 5.4 \\ (2.5,9.8) \end{gathered}$ | $\begin{gathered} -6.9 \\ (-13.8,0.5) \end{gathered}$ |
| Sierra Leone | $\begin{gathered} 110 \\ (51,198) \end{gathered}$ | $\begin{gathered} 6.4 \\ (3.1,11.5) \end{gathered}$ | $\begin{gathered} 169 \\ (79,306) \end{gathered}$ | $\begin{gathered} 5.8 \\ (2.7,10.5) \end{gathered}$ | $\begin{gathered} -9.9 \\ (-16.5,-3.0) \end{gathered}$ |
| Togo | $\begin{gathered} 53 \\ (24,95) \end{gathered}$ | $\begin{gathered} 5.5 \\ (2.6,9.9) \end{gathered}$ | $\begin{gathered} 148 \\ (69,269) \end{gathered}$ | $\begin{gathered} 5.4 \\ (2.6,9.8) \end{gathered}$ | $\begin{gathered} -2.0 \\ (-9.7,6.1) \end{gathered}$ |
| High SDI | $\begin{gathered} 115580 \\ (54486,208784) \end{gathered}$ | $\begin{gathered} 10.8 \\ (5.0,19.4) \end{gathered}$ | $\begin{gathered} 135353 \\ (63670,244469) \end{gathered}$ | $\begin{gathered} 6.7 \\ (3.1,12.1) \end{gathered}$ | $\begin{gathered} -38.1 \\ (-40.0,-36.1) \end{gathered}$ |
| High-middle SDI | $\begin{gathered} 85617 \\ (39959,153237) \end{gathered}$ | $\begin{gathered} 8.7 \\ (4.1,15.6) \end{gathered}$ | $\begin{gathered} 135870 \\ (63778,244664) \end{gathered}$ | $\begin{gathered} 6.7 \\ (3.1,12.0) \end{gathered}$ | $\begin{gathered} -23.9 \\ (-25.4,-22.3) \end{gathered}$ |
| Middle SDI | $\begin{gathered} 61442 \\ (28541,108071) \end{gathered}$ | $\begin{gathered} 7.3 \\ (3.4,13.2) \end{gathered}$ | $\begin{gathered} 141511 \\ (65058,254571) \end{gathered}$ | $\begin{gathered} 6.3 \\ (2.9,11.3) \end{gathered}$ | $\begin{gathered} -13.9 \\ (-16.9,-10.0) \end{gathered}$ |


| Low-middle SDI | 29607 <br> $(13719,52398)$ | 6.3 <br> $(3.0,11.2)$ | 66031 <br> $(30925,118081)$ | 5.5 <br> $(2.6,9.9)$ | -12.2 <br> $(-14.5,-9.1)$ |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Low SDI | 10423 | 5.7 |  |  |  |
|  | 21879 | 5.3 | -7.3 |  |  |
|  | $(10260,39153)$ | $(2.5,9.5)$ | $(-9.5,-4.4)$ |  |  |

Table S6: YLLs of PAD in 1990 and 2019 for both sexes and percentage change in agestandardised rates by location. $\mathrm{PAD}=$ Peripheral artery disease. YLLs=years of life lost.

| YLDs of PAD | 1990 |  | 2019 |  | Percentage change in agestandardised rates between 1990 and 2019 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Counts (95\% UI) | Agestandardised rate (95\% UI) | Counts (95\% UI) | Agestandardised rate (95\% UI) |  |
| Global | $\begin{gathered} 472694 \\ (257706,813351) \end{gathered}$ | $\begin{gathered} 13.8 \\ (7.5,23.8) \end{gathered}$ | $\begin{gathered} 1035487 \\ (604347,1778564) \end{gathered}$ | $\begin{gathered} 13.3 \\ (7.7,22.6) \end{gathered}$ | $\begin{gathered} -4.2 \\ (-22.3,8.8) \end{gathered}$ |
| East Asia | $\begin{gathered} 12139 \\ (9630,16539) \end{gathered}$ | $\begin{gathered} 1.7 \\ (1.3,2.3) \end{gathered}$ | $\begin{gathered} 36737 \\ (30206,44656) \end{gathered}$ | $\begin{gathered} 1.9 \\ (1.6,2.4) \end{gathered}$ | $\begin{gathered} 15.3 \\ (-18.4,46.5) \end{gathered}$ |
| China | $\begin{gathered} 11769 \\ (9287,16186) \end{gathered}$ | $\begin{gathered} 1.7 \\ (1.3,2.3) \end{gathered}$ | $\begin{gathered} 35669 \\ (29275,43399) \end{gathered}$ | $\begin{gathered} 2.0 \\ (1.6,2.4) \end{gathered}$ | $\begin{gathered} 15.4 \\ (-19.3,46.8) \end{gathered}$ |
| Democratic People's Republic of Korea | $\begin{gathered} 220 \\ (152,310) \end{gathered}$ | $\begin{gathered} 1.6 \\ (1.1,2.2) \end{gathered}$ | $\begin{gathered} 526 \\ (395,681) \end{gathered}$ | $\begin{gathered} 1.7 \\ (1.3,2.2) \end{gathered}$ | $\begin{gathered} 8.5 \\ (-21.7,57.1) \end{gathered}$ |
| Taiwan | $\begin{gathered} 150 \\ (72,282) \end{gathered}$ | $\begin{gathered} 1.1 \\ (0.5,2.1) \end{gathered}$ | $\begin{gathered} 542 \\ (248,1113) \end{gathered}$ | $\begin{gathered} 1.3 \\ (0.6,2.8) \end{gathered}$ | $\begin{gathered} 19.2 \\ (-22.8,78.3) \end{gathered}$ |
| Southeast Asia | $\begin{gathered} 4313 \\ (3478,5320) \end{gathered}$ | $\begin{gathered} 2.0 \\ (1.6,2.4) \end{gathered}$ | $\begin{gathered} 16561 \\ (12891,20407) \end{gathered}$ | $\begin{gathered} 3.0 \\ (2.3,3.7) \end{gathered}$ | $\begin{gathered} 52.7 \\ (22.4,82.0) \end{gathered}$ |
| Cambodia | $\begin{gathered} 56 \\ (39,83) \end{gathered}$ | $\begin{gathered} 1.5 \\ (1.0,2.2) \end{gathered}$ | $\begin{gathered} 249 \\ (167,366) \end{gathered}$ | $\begin{gathered} 2.4 \\ (1.6,3.5) \end{gathered}$ | $\begin{gathered} 64.6 \\ (7.1,143.7) \end{gathered}$ |
| Indonesia | $\begin{gathered} 1741 \\ (1296,2333) \end{gathered}$ | $\begin{gathered} 2.1 \\ (1.5,2.8) \end{gathered}$ | $\begin{gathered} 6963 \\ (4502,10287) \end{gathered}$ | $\begin{gathered} 3.8 \\ (2.5,5.5) \end{gathered}$ | $\begin{gathered} 81.2 \\ (36.9,131.3) \end{gathered}$ |
| Lao People's <br> Democratic <br> Republic | $\begin{gathered} 34 \\ (21,51) \end{gathered}$ | $\begin{gathered} 1.9 \\ (1.3,2.8) \end{gathered}$ | $\begin{gathered} 116 \\ (79,162) \end{gathered}$ | $\begin{gathered} 3.1 \\ (2.1,4.1) \end{gathered}$ | $\begin{gathered} 59.7 \\ (8.2,143.6) \end{gathered}$ |
| Malaysia | $\begin{gathered} 122 \\ (100,153) \end{gathered}$ | $\begin{gathered} 1.5 \\ (1.2,1.9) \end{gathered}$ | $\begin{gathered} 595 \\ (445,774) \end{gathered}$ | $\begin{gathered} 2.6 \\ (1.9,3.3) \end{gathered}$ | $\begin{gathered} 69.9 \\ (22.2,132.2) \end{gathered}$ |
| Maldives | $\begin{gathered} 3 \\ (2,6) \end{gathered}$ | $\begin{gathered} 3.7 \\ (2.3,8.0) \end{gathered}$ | $\begin{gathered} 14 \\ (10,21) \end{gathered}$ | $\begin{gathered} 5.4 \\ (3.9,8.7) \end{gathered}$ | $\begin{gathered} 47.2 \\ (-37.2,145.1) \end{gathered}$ |
| Mauritius | $\begin{gathered} 17 \\ (8,33) \end{gathered}$ | $\begin{gathered} 2.7 \\ (1.2,5.2) \end{gathered}$ | $\begin{gathered} 71 \\ (33,148) \end{gathered}$ | $\begin{gathered} 4.3 \\ (2.0,8.9) \end{gathered}$ | $\begin{gathered} 61.0 \\ (0.7,144.0) \end{gathered}$ |
| Myanmar | $\begin{gathered} 493 \\ (306,730) \end{gathered}$ | $\begin{gathered} 2.4 \\ (1.5,3.5) \end{gathered}$ | $\begin{gathered} 1387 \\ (1008,1870) \end{gathered}$ | $\begin{gathered} 3.3 \\ (2.5,4.5) \end{gathered}$ | $\begin{gathered} 38.1 \\ (-6.7,99.3) \end{gathered}$ |
| Philippines | $\begin{gathered} 457 \\ (377,555) \end{gathered}$ | $\begin{gathered} 1.8 \\ (1.5,2.2) \end{gathered}$ | $\begin{gathered} 2183 \\ (1718,2713) \end{gathered}$ | $\begin{gathered} 3.0 \\ (2.4,3.7) \end{gathered}$ | $\begin{gathered} 63.6 \\ (25.5,104.4) \end{gathered}$ |
| Seychelles | $\begin{gathered} 2 \\ (2,3) \end{gathered}$ | $\begin{gathered} 4.0 \\ (2.8,5.3) \end{gathered}$ | $\begin{gathered} 5 \\ (3,8) \end{gathered}$ | $\begin{gathered} 5.2 \\ (3.1,7.4) \end{gathered}$ | $\begin{gathered} 28.2 \\ (-4.9,68.8) \end{gathered}$ |
| Sri Lanka | $\begin{gathered} 144 \\ (100,223) \end{gathered}$ | $\begin{gathered} 1.5 \\ (1.0,2.3) \end{gathered}$ | $\begin{gathered} 555 \\ (373,782) \end{gathered}$ | $\begin{gathered} 2.3 \\ (1.5,3.1) \end{gathered}$ | $\begin{gathered} 51.1 \\ (-19.7,144.1) \end{gathered}$ |
| Thailand | $\begin{gathered} 273 \\ (217,341) \end{gathered}$ | $\begin{gathered} 1.0 \\ (0.8,1.2) \end{gathered}$ | $\begin{gathered} 1032 \\ (749,1366) \end{gathered}$ | $\begin{gathered} 1.0 \\ (0.8,1.4) \end{gathered}$ | $\begin{gathered} 7.8 \\ (-24.4,52.9) \end{gathered}$ |
| Timor-Leste | $\begin{gathered} 3 \\ (2,5) \end{gathered}$ | $\begin{gathered} 1.4 \\ (0.9,2.1) \end{gathered}$ | $\begin{gathered} 19 \\ (11,29) \end{gathered}$ | $\begin{gathered} 2.7 \\ (1.6,4.0) \end{gathered}$ | $\begin{gathered} 93.7 \\ (28.5,198.4) \end{gathered}$ |


| Viet Nam | $\begin{gathered} 962 \\ (685,1280) \end{gathered}$ | $\begin{gathered} 2.6 \\ (1.9,3.4) \end{gathered}$ | $\begin{gathered} 3350 \\ (2375,4476) \end{gathered}$ | $\begin{gathered} 3.9 \\ (2.8,5.1) \end{gathered}$ | $\begin{gathered} 51.1 \\ (-2.6,124.6) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Oceania | $\begin{gathered} 51 \\ (37,88) \end{gathered}$ | $\begin{gathered} 2.1 \\ (1.6,3.5) \end{gathered}$ | $\begin{gathered} 188 \\ (139,275) \end{gathered}$ | $\begin{gathered} 3.1 \\ (2.4,4.6) \end{gathered}$ | $\begin{gathered} 49.0 \\ (13.7,95.2) \end{gathered}$ |
| American Samoa | $\begin{gathered} 1 \\ (1,1) \end{gathered}$ | $\begin{gathered} 3.6 \\ (2.8,4.6) \end{gathered}$ | $\begin{gathered} 3 \\ (2,3) \end{gathered}$ | $\begin{gathered} 5.6 \\ (4.5,7.0) \end{gathered}$ | $\begin{gathered} 58.0 \\ (15.9,113.0) \end{gathered}$ |
| Cook Islands | $\begin{gathered} 1 \\ (0,1) \end{gathered}$ | $\begin{gathered} 4.4 \\ (3.1,6.3) \end{gathered}$ | $\begin{gathered} 2 \\ (1,2) \end{gathered}$ | $\begin{gathered} 6.8 \\ (4.8,9.0) \end{gathered}$ | $\begin{gathered} 52.7 \\ (-1.3,129.4) \end{gathered}$ |
| Fiji | $\begin{gathered} 6 \\ (5,9) \end{gathered}$ | $\begin{gathered} 2.1 \\ (1.6,3.1) \end{gathered}$ | $\begin{gathered} 19 \\ (13,25) \end{gathered}$ | $\begin{gathered} 3.3 \\ (2.2,4.3) \end{gathered}$ | $\begin{gathered} 55.5 \\ (-5.0,134.0) \end{gathered}$ |
| Guam | $\begin{gathered} 1 \\ (1,2) \end{gathered}$ | $\begin{gathered} 2.6 \\ (2.0,3.9) \end{gathered}$ | $\begin{gathered} 7 \\ (6,10) \end{gathered}$ | $\begin{gathered} 3.9 \\ (3.0,4.9) \end{gathered}$ | $\begin{gathered} 47.8 \\ (-4.6,109.2) \end{gathered}$ |
| Kiribati | $\begin{gathered} 1 \\ (1,2) \end{gathered}$ | $\begin{gathered} 3.1 \\ (2.1,6.1) \end{gathered}$ | $\begin{gathered} 2 \\ (1,3) \end{gathered}$ | $\begin{gathered} 3.3 \\ (2.3,6.6) \end{gathered}$ | $\begin{gathered} 8.4 \\ (-23.2,50.5) \end{gathered}$ |
| Marshall Islands | $\begin{gathered} 1 \\ (0,1) \end{gathered}$ | $\begin{gathered} 3.9 \\ (2.8,5.6) \end{gathered}$ | $\begin{gathered} 2 \\ (1,3) \end{gathered}$ | $\begin{gathered} 5.6 \\ (3.9,7.9) \end{gathered}$ | $\begin{gathered} 44.0 \\ (3.2,107.6) \end{gathered}$ |
| Micronesia (Federated States of) | $\begin{gathered} 1 \\ (1,2) \end{gathered}$ | $\begin{gathered} 3.7 \\ (2.5,5.9) \end{gathered}$ | $\begin{gathered} 4 \\ (2,6) \end{gathered}$ | $\begin{gathered} 6.2 \\ (4.3,9.0) \end{gathered}$ | $\begin{gathered} 67.4 \\ (7.9,146.1) \end{gathered}$ |
| Nauru | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 5.2 \\ (3.8,7.2) \end{gathered}$ | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 6.2 \\ (4.4,8.7) \end{gathered}$ | $\begin{gathered} 18.3 \\ (-14.5,59.0) \end{gathered}$ |
| Niue | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 3.9 \\ (2.8,5.9) \end{gathered}$ | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 6.1 \\ (4.6,8.0) \end{gathered}$ | $\begin{gathered} 54.8 \\ (9.9,118.7) \end{gathered}$ |
| Northern Mariana Islands | $\begin{gathered} 1 \\ (0,1) \end{gathered}$ | $\begin{gathered} 4.8 \\ (3.3,6.7) \end{gathered}$ | $\begin{gathered} 3 \\ (2,4) \end{gathered}$ | $\begin{gathered} 7.7 \\ (5.4,9.6) \end{gathered}$ | $\begin{gathered} 60.8 \\ (11.2,128.2) \end{gathered}$ |
| Palau | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 1.2 \\ (0.7,1.8) \end{gathered}$ | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 1.4 \\ (1.0,2.0) \end{gathered}$ | $\begin{gathered} 16.8 \\ (-29.7,94.3) \end{gathered}$ |
| Papua New Guinea | $\begin{gathered} 27 \\ (17,52) \end{gathered}$ | $\begin{gathered} 1.8 \\ (1.1,3.3) \end{gathered}$ | $\begin{gathered} 111 \\ (71,182) \end{gathered}$ | $\begin{gathered} 2.7 \\ (1.8,4.7) \end{gathered}$ | $\begin{gathered} 55.4 \\ (11.1,125.2) \end{gathered}$ |
| Samoa | $\stackrel{3}{(2,5)}$ | $\begin{gathered} 3.8 \\ (2.7,5.7) \end{gathered}$ | $\begin{gathered} 7 \\ (5,9) \end{gathered}$ | $\begin{gathered} 4.8 \\ (3.5,6.5) \end{gathered}$ | $\begin{gathered} 26.9 \\ (-10.1,81.9) \end{gathered}$ |
| Solomon Islands | $\begin{gathered} 3 \\ (2,6) \end{gathered}$ | $\begin{gathered} 2.6 \\ (1.7,4.6) \end{gathered}$ | $\begin{gathered} 10 \\ (7,17) \end{gathered}$ | $\begin{gathered} 3.7 \\ (2.5,5.7) \end{gathered}$ | $\begin{gathered} 44.3 \\ (2.9,103.6) \end{gathered}$ |
| Tokelau | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 2.7 \\ (1.9,4.2) \end{gathered}$ | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 4.5 \\ (3.1,6.0) \end{gathered}$ | $\begin{gathered} 67.1 \\ (17.7,140.5) \end{gathered}$ |
| Tonga | $\begin{gathered} 1 \\ (1,2) \end{gathered}$ | $\begin{gathered} 2.9 \\ (2.1,4.1) \end{gathered}$ | $\begin{gathered} 3 \\ (2,5) \end{gathered}$ | $\begin{gathered} 4.5 \\ (3.2,6.1) \end{gathered}$ | $\begin{gathered} 57.8 \\ (13.7,123.4) \end{gathered}$ |
| Tuvalu | $\begin{gathered} 0 \\ (0,0) \end{gathered}$ | $\begin{gathered} 3.0 \\ (2.1,5.1) \end{gathered}$ | $\begin{gathered} 0 \\ (0,1) \end{gathered}$ | $\begin{gathered} 4.4 \\ (3.2,6.4) \end{gathered}$ | $\begin{gathered} 46.6 \\ (-2.3,113.8) \end{gathered}$ |
| Vanuatu | $\begin{gathered} 1 \\ (1,3) \end{gathered}$ | $\begin{gathered} 2.0 \\ (1.2,4.4) \end{gathered}$ | $\begin{gathered} 6 \\ (4,9) \end{gathered}$ | $\begin{gathered} 3.8 \\ (2.6,5.9) \end{gathered}$ | $\begin{gathered} 91.9 \\ (21.4,202.3) \end{gathered}$ |
| Central Asia | $\begin{gathered} 797 \\ (390,1450) \end{gathered}$ | $\begin{gathered} 1.8 \\ (0.9,3.3) \end{gathered}$ | $\begin{gathered} 1897 \\ (971,3534) \end{gathered}$ | $\begin{gathered} 3.0 \\ (1.5,5.4) \end{gathered}$ | $\begin{gathered} 61.8 \\ (19.3,94.9) \end{gathered}$ |


| Armenia | $\begin{gathered} 93 \\ (30,287) \end{gathered}$ | $\begin{gathered} 3.9 \\ (1.3,12.4) \end{gathered}$ | $\begin{gathered} 184 \\ (86,344) \end{gathered}$ | $\begin{gathered} 4.5 \\ (2.1,8.3) \end{gathered}$ | $\begin{gathered} 14.1 \\ (-62.6,105.3) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Azerbaijan | $\begin{gathered} 32 \\ (22,42) \end{gathered}$ | $\begin{gathered} 0.7 \\ (0.5,1.0) \end{gathered}$ | $\begin{gathered} 78 \\ (60,99) \end{gathered}$ | $\begin{gathered} 1.2 \\ (0.9,1.5) \end{gathered}$ | $\begin{gathered} 65.9 \\ (13.5,161.0) \end{gathered}$ |
| Georgia | $\begin{gathered} 101 \\ (48,202) \end{gathered}$ | $\begin{gathered} 1.7 \\ (0.8,3.4) \end{gathered}$ | $\begin{gathered} 182 \\ (75,386) \end{gathered}$ | $\begin{gathered} 2.9 \\ (1.2,6.2) \end{gathered}$ | $\begin{gathered} 26.8 \\ (-4.4,63.5) \end{gathered}$ |
| Kazakhstan | $\begin{gathered} 197 \\ (90,375) \end{gathered}$ | $\begin{gathered} 1.7 \\ (0.8,3.2) \end{gathered}$ | $\begin{gathered} 425 \\ (200,822) \end{gathered}$ | $\begin{gathered} 2.7 \\ (1.3,5.0) \end{gathered}$ | $\begin{gathered} 58.0 \\ (13.6,105.0) \end{gathered}$ |
| Kyrgyzstan | $\begin{gathered} 174 \\ (77,334) \end{gathered}$ | $\begin{gathered} 5.9 \\ (2.7,11.4) \end{gathered}$ | $\begin{gathered} 346 \\ (155,694) \end{gathered}$ | $\begin{gathered} 8.2 \\ (3.8,16.5) \end{gathered}$ | $\begin{gathered} 38.6 \\ (-14.6,77.3) \end{gathered}$ |
| Mongolia | $\begin{gathered} 9 \\ (7,14) \end{gathered}$ | $\begin{gathered} 1.1 \\ (0.8,1.6) \end{gathered}$ | $\begin{gathered} 20 \\ (15,32) \end{gathered}$ | $\begin{gathered} 1.3 \\ (1.0,1.9) \end{gathered}$ | $\begin{gathered} 23.2 \\ (-7.8,67.4) \end{gathered}$ |
| Tajikistan | $\begin{gathered} 24 \\ (15,32) \end{gathered}$ | $\begin{gathered} 0.9 \\ (0.6,1.2) \end{gathered}$ | $\begin{gathered} 43 \\ (32,54) \end{gathered}$ | $\begin{gathered} 1.3 \\ (0.9,1.7) \end{gathered}$ | $\begin{gathered} 45.0 \\ (7.3,121.9) \end{gathered}$ |
| Turkmenistan | $\begin{gathered} 39 \\ (17,78) \end{gathered}$ | $\begin{gathered} 2.3 \\ (1.0,4.4) \end{gathered}$ | $\begin{gathered} 155 \\ (65,301) \end{gathered}$ | $\begin{gathered} 4.2 \\ (1.8,8.0) \end{gathered}$ | $\begin{gathered} 84.9 \\ (22.7,148.3) \end{gathered}$ |
| Uzbekistan | $\begin{gathered} 127 \\ (50,251) \end{gathered}$ | $\begin{gathered} 1.2 \\ (0.5,2.4) \end{gathered}$ | $\begin{gathered} 464 \\ (215,951) \end{gathered}$ | $\begin{gathered} 2.9 \\ (1.3,5.5) \end{gathered}$ | $\begin{gathered} 135.0 \\ (30.8,326.5) \end{gathered}$ |
| Central Europe | $\begin{gathered} 32375 \\ (15234,62746) \end{gathered}$ | $\begin{gathered} 22.7 \\ (10.8,43.5) \end{gathered}$ | $\begin{gathered} 60156 \\ (29168,113573) \end{gathered}$ | $\begin{gathered} 27.3 \\ (13.2,51.5) \end{gathered}$ | $\begin{gathered} 20.5 \\ (-16.2,58.1) \end{gathered}$ |
| Albania | $\begin{gathered} 30 \\ (25,37) \end{gathered}$ | $\begin{gathered} 1.6 \\ (1.4,2.1) \end{gathered}$ | $\begin{gathered} 127 \\ (89,177) \end{gathered}$ | $\begin{gathered} 2.9 \\ (2.1,4.0) \end{gathered}$ | $\begin{gathered} 79.4 \\ (20.6,160.2) \end{gathered}$ |
| Bosnia and Herzegovina | $\begin{gathered} 136 \\ (108,170) \end{gathered}$ | $\begin{gathered} 3.8 \\ (3.0,4.7) \end{gathered}$ | $\begin{gathered} 391 \\ (293,503) \end{gathered}$ | $\begin{gathered} 6.5 \\ (4.9,8.3) \end{gathered}$ | $\begin{gathered} 72.2 \\ (26.4,141.2) \end{gathered}$ |
| Bulgaria | $\begin{gathered} 997 \\ (425,2110) \end{gathered}$ | $\begin{gathered} 8.3 \\ (3.6,17.5) \end{gathered}$ | $\begin{gathered} 1418 \\ (646,2849) \end{gathered}$ | $\begin{gathered} 9.6 \\ (4.3,19.3) \end{gathered}$ | $\begin{gathered} 15.0 \\ (-17.2,68.0) \end{gathered}$ |
| Croatia | $\begin{gathered} 1995 \\ (845,3776) \end{gathered}$ | $\begin{gathered} 32.7 \\ (13.8,60.9) \end{gathered}$ | $\begin{gathered} 3148 \\ (1349,6215) \end{gathered}$ | $\begin{gathered} 34.3 \\ (14.6,68.7) \end{gathered}$ | $\begin{gathered} 5.0 \\ (-28.0,46.9) \end{gathered}$ |
| Czechia | $\begin{gathered} 4003 \\ (1841,7919) \end{gathered}$ | $\begin{gathered} 29.4 \\ (13.5,58.1) \end{gathered}$ | $\begin{gathered} 6806 \\ (3176,13921) \end{gathered}$ | $\begin{gathered} 31.5 \\ (14.7,65.0) \end{gathered}$ | $\begin{gathered} 7.2 \\ (-34.1,55.9) \end{gathered}$ |
| Hungary | $\begin{gathered} 10891 \\ (4843,20642) \end{gathered}$ | $\begin{gathered} 74.9 \\ (33.6,140.0) \end{gathered}$ | $\begin{gathered} 15579 \\ (6331,33709) \end{gathered}$ | $\begin{gathered} 78.5 \\ (32.9,169.5) \end{gathered}$ | $\begin{gathered} 4.8 \\ (-60.1,47.1) \end{gathered}$ |
| North Macedonia | $\begin{gathered} 68 \\ (53,84) \end{gathered}$ | $\begin{gathered} 4.1 \\ (3.1,5.1) \end{gathered}$ | $\begin{gathered} 122 \\ (91,160) \end{gathered}$ | $\begin{gathered} 4.2 \\ (3.1,5.4) \end{gathered}$ | $\begin{gathered} 2.1 \\ (-26.3,43.8) \end{gathered}$ |
| Montenegro | $\begin{gathered} 23 \\ (18,28) \end{gathered}$ | $\begin{gathered} 3.8 \\ (3.1,4.7) \end{gathered}$ | $\begin{gathered} 44 \\ (35,57) \end{gathered}$ | $\begin{gathered} 4.5 \\ (3.6,5.8) \end{gathered}$ | $\begin{gathered} 19.3 \\ (-11.6,60.4) \end{gathered}$ |
| Poland | $\begin{gathered} 6215 \\ (1192,13211) \end{gathered}$ | $\begin{gathered} 14.5 \\ (2.8,30.6) \end{gathered}$ | $\begin{gathered} 16193 \\ (5994,37555) \end{gathered}$ | $\begin{gathered} 22.3 \\ (8.2,51.2) \end{gathered}$ | $\begin{gathered} 53.1 \\ (-24.1,1,677.4) \end{gathered}$ |
| Romania | $\begin{gathered} 6837 \\ (2906,14259) \end{gathered}$ | $\begin{gathered} 25.5 \\ (10.8,52.1) \end{gathered}$ | $\begin{gathered} 12174 \\ (5244,24123) \end{gathered}$ | $\begin{gathered} 31.9 \\ (13.6,63.4) \end{gathered}$ | $\begin{gathered} 25.0 \\ (-11.3,61.9) \end{gathered}$ |
| Serbia | $\begin{gathered} 530 \\ (422,730) \end{gathered}$ | $\begin{gathered} 5.0 \\ (4.0,7.0) \end{gathered}$ | $\begin{gathered} 2138 \\ (1485,2791) \end{gathered}$ | $\begin{gathered} 13.5 \\ (9.5,17.7) \end{gathered}$ | $\begin{gathered} 171.8 \\ (58.3,297.2) \end{gathered}$ |


| Slovakia | $\begin{gathered} 258 \\ (214,348) \end{gathered}$ | $\begin{gathered} 4.4 \\ (3.7,6.0) \end{gathered}$ | $\begin{gathered} 1507 \\ (954,2024) \end{gathered}$ | $\begin{gathered} 16.2 \\ (10.3,21.8) \end{gathered}$ | $\begin{gathered} 269.9 \\ (106.3,434.6) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Slovenia | $\begin{gathered} 393 \\ (117,1196) \end{gathered}$ | $\begin{gathered} 16.2 \\ (4.8,49.3) \end{gathered}$ | $\begin{gathered} 509 \\ (52,1093) \end{gathered}$ | $\begin{gathered} 11.2 \\ (1.1,24.5) \end{gathered}$ | $\begin{gathered} -30.9 \\ (-97.8,68.0) \end{gathered}$ |
| Eastern Europe | $\begin{gathered} 113712 \\ (51356,212969) \end{gathered}$ | $\begin{gathered} 42.1 \\ (19.4,77.2) \end{gathered}$ | $\begin{gathered} 198594 \\ (92879,386142) \end{gathered}$ | $\begin{gathered} 56.1 \\ (26.2,109.4) \end{gathered}$ | $\begin{gathered} 33.1 \\ (-9.7,67.0) \end{gathered}$ |
| Belarus | $\begin{gathered} 1237 \\ (492,2456) \end{gathered}$ | $\begin{gathered} 9.6 \\ (3.9,19.0) \end{gathered}$ | $\begin{gathered} 2680 \\ (989,6000) \end{gathered}$ | $\begin{gathered} 16.4 \\ (6.0,36.9) \end{gathered}$ | $\begin{gathered} 69.6 \\ (13.3,130.0) \end{gathered}$ |
| Estonia | $\begin{gathered} 36 \\ (17,70) \end{gathered}$ | $\begin{gathered} 1.8 \\ (0.8,3.5) \end{gathered}$ | $\begin{gathered} 93 \\ (36,184) \end{gathered}$ | $\begin{gathered} 3.2 \\ (1.2,6.1) \end{gathered}$ | $\begin{gathered} 79.6 \\ (-2.3,500.3) \end{gathered}$ |
| Latvia | $\begin{gathered} 134 \\ (42,274) \end{gathered}$ | $\begin{gathered} 3.7 \\ (1.2,7.7) \end{gathered}$ | $\begin{gathered} 400 \\ (122,1318) \end{gathered}$ | $\begin{gathered} 9.2 \\ (2.9,30.7) \end{gathered}$ | $\begin{gathered} 145.7 \\ (7.0,2,415.9) \end{gathered}$ |
| Lithuania | $\begin{gathered} 571 \\ (240,1182) \end{gathered}$ | $\begin{gathered} 12.6 \\ (5.3,25.9) \end{gathered}$ | $\begin{gathered} 1264 \\ (519,2346) \end{gathered}$ | $\begin{gathered} 20.7 \\ (8.5,39.3) \end{gathered}$ | $\begin{gathered} 64.4 \\ (7.2,468.9) \end{gathered}$ |
| Republic of Moldova | $\begin{gathered} 203 \\ (45,408) \end{gathered}$ | $\begin{gathered} 5.0 \\ (1.2,10.1) \end{gathered}$ | $\begin{gathered} 543 \\ (215,1411) \end{gathered}$ | $\begin{gathered} 9.3 \\ (3.7,24.0) \end{gathered}$ | $\begin{gathered} 85.2 \\ (-4.4,1,868.9) \end{gathered}$ |
| Russian Federation | $\begin{gathered} 79715 \\ (35798,144841) \end{gathered}$ | $\begin{gathered} 46.2 \\ (20.9,83.2) \end{gathered}$ | $\begin{gathered} 147147 \\ (68735,295787) \end{gathered}$ | $\begin{gathered} 61.2 \\ (28.6,122.4) \end{gathered}$ | $\begin{gathered} 32.4 \\ (-25.2,78.0) \end{gathered}$ |
| Ukraine | $\begin{gathered} 31817 \\ (14702,62715) \end{gathered}$ | $\begin{gathered} 45.7 \\ (21.2,88.2) \end{gathered}$ | $\begin{gathered} 46468 \\ (21875,88328) \end{gathered}$ | $\begin{gathered} 59.4 \\ (27.8,113.3) \end{gathered}$ | $\begin{gathered} 30.0 \\ (2.2,65.6) \end{gathered}$ |
| High-income Asia Pacific | $\begin{gathered} 5845 \\ (3382,10353) \end{gathered}$ | $\begin{gathered} 3.1 \\ (1.8,5.5) \end{gathered}$ | $\begin{gathered} 14139 \\ (7621,24364) \end{gathered}$ | $\begin{gathered} 2.7 \\ (1.5,4.6) \end{gathered}$ | $\begin{gathered} -14.6 \\ (-41.6,19.7) \end{gathered}$ |
| Brunei Darussalam | $\begin{gathered} 9 \\ (7,12) \end{gathered}$ | $\begin{gathered} 13.0 \\ (9.8,18.2) \end{gathered}$ | $\begin{gathered} 27 \\ (22,34) \end{gathered}$ | $\begin{gathered} 14.8 \\ (11.7,18.8) \end{gathered}$ | $\begin{gathered} 14.1 \\ (-20.4,56.3) \end{gathered}$ |
| Japan | $\begin{gathered} 4402 \\ (2017,8755) \end{gathered}$ | $\begin{gathered} 2.7 \\ (1.3,5.5) \end{gathered}$ | $\begin{gathered} 11074 \\ (4803,20824) \end{gathered}$ | $\begin{gathered} 2.6 \\ (1.1,4.9) \end{gathered}$ | $\begin{gathered} -6.2 \\ (-40.2,39.5) \end{gathered}$ |
| Republic of Korea | $\begin{gathered} 1352 \\ (1100,1738) \end{gathered}$ | $\begin{gathered} 5.6 \\ (4.6,7.1) \end{gathered}$ | $\begin{gathered} 2635 \\ (2159,3174) \end{gathered}$ | $\begin{gathered} 3.1 \\ (2.5,3.7) \end{gathered}$ | $\begin{gathered} -45.3 \\ (-61.1,-28.2) \end{gathered}$ |
| Singapore | $\begin{gathered} 82 \\ (40,161) \end{gathered}$ | $\begin{gathered} 4.6 \\ (2.2,8.8) \end{gathered}$ | $\begin{gathered} 403 \\ (138,935) \end{gathered}$ | $\begin{gathered} 5.5 \\ (1.9,12.7) \end{gathered}$ | $\begin{gathered} 20.6 \\ (-47.8,352.4) \end{gathered}$ |
| Australasia | $\begin{gathered} 5888 \\ (2706,10161) \end{gathered}$ | $\begin{gathered} 26.1 \\ (12.0,44.9) \end{gathered}$ | $\begin{gathered} 15820 \\ (7596,30166) \end{gathered}$ | $\begin{gathered} 28.4 \\ (13.6,54.6) \end{gathered}$ | $\begin{gathered} 9.2 \\ (-45.7,43.6) \end{gathered}$ |
| Australia | $\begin{gathered} 5017 \\ (2312,8707) \end{gathered}$ | $\begin{gathered} 26.8 \\ (12.4,46.3) \end{gathered}$ | $\begin{gathered} 13679 \\ (6579,26084) \end{gathered}$ | $\begin{gathered} 29.1 \\ (13.9,56.1) \end{gathered}$ | $\begin{gathered} 8.9 \\ (-46.4,43.8) \end{gathered}$ |
| New Zealand | $\begin{gathered} 871 \\ (398,1515) \end{gathered}$ | $\begin{gathered} 22.6 \\ (10.4,39.5) \end{gathered}$ | $\begin{gathered} 2141 \\ (1033,4118) \end{gathered}$ | $\begin{gathered} 24.7 \\ (11.9,47.7) \end{gathered}$ | $\begin{gathered} 9.2 \\ (-41.2,41.8) \end{gathered}$ |
| Western Europe | $\begin{gathered} 133839 \\ (63823,251490) \end{gathered}$ | $\begin{gathered} 22.4 \\ (10.6,42.0) \end{gathered}$ | $\begin{gathered} 251178 \\ (119208,479586) \end{gathered}$ | $\begin{gathered} 23.9 \\ (11.4,45.4) \end{gathered}$ | $\begin{gathered} 7.0 \\ (-23.7,27.6) \end{gathered}$ |
| Andorra | $\begin{gathered} 5 \\ (4,8) \end{gathered}$ | $\begin{gathered} 11.5 \\ (7.7,17.5) \end{gathered}$ | $\begin{gathered} 33 \\ (20,48) \end{gathered}$ | $\begin{gathered} 22.0 \\ (13.2,31.8) \end{gathered}$ | $\begin{gathered} 90.8 \\ (10.6,198.6) \end{gathered}$ |
| Austria | $\begin{gathered} 4365 \\ (2075,7891) \end{gathered}$ | $\begin{gathered} 35.3 \\ (16.8,64.0) \end{gathered}$ | $\begin{gathered} 8487 \\ (4071,16419) \end{gathered}$ | $\begin{gathered} 42.1 \\ (19.9,81.9) \end{gathered}$ | $\begin{gathered} 19.1 \\ (-20.9,52.9) \end{gathered}$ |


| Belgium | $\begin{gathered} 1971 \\ (953,3649) \end{gathered}$ | $\begin{gathered} 12.4 \\ (6.0,23.1) \end{gathered}$ | $\begin{gathered} 3740 \\ (1777,7318) \end{gathered}$ | $\begin{gathered} 14.2 \\ (6.8,28.3) \end{gathered}$ | $\begin{gathered} 14.2 \\ (-15.5,39.6) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Cyprus | $\begin{gathered} 73 \\ (45,103) \end{gathered}$ | $\begin{gathered} 11.4 \\ (6.5,16.6) \end{gathered}$ | $\begin{gathered} 241 \\ (164,298) \end{gathered}$ | $\begin{gathered} 13.8 \\ (8.8,17.1) \end{gathered}$ | $\begin{gathered} 21.4 \\ (-17.6,84.1) \end{gathered}$ |
| Denmark | $\begin{gathered} 2702 \\ (1252,4807) \end{gathered}$ | $\begin{gathered} 31.2 \\ (14.4,55.6) \end{gathered}$ | $\begin{gathered} 4022 \\ (1972,7838) \end{gathered}$ | $\begin{gathered} 31.7 \\ (15.4,62.4) \end{gathered}$ | $\begin{gathered} 1.6 \\ (-40.4,31.4) \end{gathered}$ |
| Finland | $\begin{gathered} 986 \\ (403,1770) \end{gathered}$ | $\begin{gathered} 13.8 \\ (5.7,24.9) \end{gathered}$ | $\begin{gathered} 2264 \\ (959,4038) \end{gathered}$ | $\begin{gathered} 16.0 \\ (7.0,28.5) \end{gathered}$ | $\begin{gathered} 15.4 \\ (-21.0,46.4) \end{gathered}$ |
| France | $\begin{gathered} 7560 \\ (3649,14603) \end{gathered}$ | $\begin{gathered} 8.6 \\ (4.1,16.7) \end{gathered}$ | $\begin{gathered} 13534 \\ (5954,26505) \end{gathered}$ | $\begin{gathered} 8.3 \\ (3.7,16.3) \end{gathered}$ | $\begin{gathered} -3.2 \\ (-32.1,44.4) \end{gathered}$ |
| Germany | $\begin{gathered} 48808 \\ (22486,93349) \end{gathered}$ | $\begin{gathered} 37.0 \\ (17.2,70.7) \end{gathered}$ | $\begin{gathered} 91343 \\ (44175,168799) \end{gathered}$ | $\begin{gathered} 42.0 \\ (20.1,78.4) \end{gathered}$ | $\begin{gathered} 13.6 \\ (-23.7,132.3) \end{gathered}$ |
| Greece | $\begin{gathered} 639 \\ (288,1162) \end{gathered}$ | $\begin{gathered} 4.3 \\ (1.9,7.8) \end{gathered}$ | $\begin{gathered} 1312 \\ (595,2354) \end{gathered}$ | $\begin{gathered} 4.5 \\ (2.1,8.3) \end{gathered}$ | $\begin{gathered} 5.2 \\ (-19.9,28.3) \end{gathered}$ |
| Iceland | $\begin{gathered} 21 \\ (10,40) \end{gathered}$ | $\begin{gathered} 7.0 \\ (3.4,13.2) \end{gathered}$ | $\begin{gathered} 43 \\ (20,83) \end{gathered}$ | $\begin{gathered} 6.8 \\ (3.2,12.9) \end{gathered}$ | $\begin{gathered} -3.9 \\ (-33.8,21.1) \end{gathered}$ |
| Ireland | $\begin{gathered} 1537 \\ (684,2734) \end{gathered}$ | $\begin{gathered} 38.3 \\ (17.5,67.8) \end{gathered}$ | $\begin{gathered} 2996 \\ (1431,6112) \end{gathered}$ | $\begin{gathered} 38.4 \\ (18.4,78.5) \end{gathered}$ | $\begin{gathered} 0.3 \\ (-55.9,35.4) \end{gathered}$ |
| Israel | $\begin{gathered} 1279 \\ (592,2434) \end{gathered}$ | $\begin{gathered} 27.5 \\ (12.8,52.2) \end{gathered}$ | $\begin{gathered} 3952 \\ (1916,7302) \end{gathered}$ | $\begin{gathered} 31.9 \\ (15.4,59.0) \end{gathered}$ | $\begin{gathered} 16.3 \\ (-15.8,61.0) \end{gathered}$ |
| Italy | $\begin{gathered} 24132 \\ (10973,45346) \end{gathered}$ | $\begin{gathered} 26.9 \\ (12.2,50.5) \end{gathered}$ | $\begin{gathered} 40476 \\ (19189,79835) \end{gathered}$ | $\begin{gathered} 23.8 \\ (11.3,47.4) \end{gathered}$ | $\begin{gathered} -11.4 \\ (-51.7,14.1) \end{gathered}$ |
| Luxembourg | $\begin{gathered} 71 \\ (33,133) \end{gathered}$ | $\begin{gathered} 13.0 \\ (6.2,24.2) \end{gathered}$ | $\begin{gathered} 150 \\ (67,307) \end{gathered}$ | $\begin{gathered} 13.8 \\ (6.1,28.6) \end{gathered}$ | $\begin{gathered} 5.9 \\ (-36.0,38.1) \end{gathered}$ |
| Malta | $\begin{gathered} 101 \\ (47,186) \end{gathered}$ | $\begin{gathered} 25.1 \\ (11.9,46.3) \end{gathered}$ | $\begin{gathered} 272 \\ (128,529) \end{gathered}$ | $\begin{gathered} 27.2 \\ (12.8,53.3) \end{gathered}$ | $\begin{gathered} 8.4 \\ (-25.2,37.0) \end{gathered}$ |
| Monaco | $\begin{gathered} 7 \\ (5,9) \end{gathered}$ | $\begin{gathered} 8.6 \\ (6.4,11.4) \end{gathered}$ | $\begin{gathered} 10 \\ (8,13) \end{gathered}$ | $\begin{gathered} 9.4 \\ (7.1,11.9) \end{gathered}$ | $\begin{gathered} 9.1 \\ (-18.9,49.6) \end{gathered}$ |
| Netherlands | $\begin{gathered} 7478 \\ (3643,13686) \end{gathered}$ | $\begin{gathered} 36.5 \\ (17.9,66.9) \end{gathered}$ | $\begin{gathered} 14375 \\ (6918,27092) \end{gathered}$ | $\begin{gathered} 38.9 \\ (18.8,73.7) \end{gathered}$ | $\begin{gathered} 6.3 \\ (-13.6,22.0) \end{gathered}$ |
| Norway | $\begin{gathered} 1271 \\ (522,2293) \end{gathered}$ | $\begin{gathered} 17.2 \\ (7.1,31.3) \end{gathered}$ | $\begin{gathered} 1832 \\ (875,3523) \end{gathered}$ | $\begin{gathered} 17.2 \\ (8.0,33.5) \end{gathered}$ | $\begin{gathered} 0.5 \\ (-51.9,28.9) \end{gathered}$ |
| Portugal | $\begin{gathered} 3956 \\ (1782,7058) \end{gathered}$ | $\begin{gathered} 30.1 \\ (13.5,52.9) \end{gathered}$ | $\begin{gathered} 8809 \\ (4182,17135) \end{gathered}$ | $\begin{gathered} 31.6 \\ (14.9,62.0) \end{gathered}$ | $\begin{gathered} 5.1 \\ (-30.4,39.8) \end{gathered}$ |
| Spain | $\begin{gathered} 9906 \\ (4513,18410) \end{gathered}$ | $\begin{gathered} 18.2 \\ (8.2,33.9) \end{gathered}$ | $\begin{gathered} 21008 \\ (9729,40461) \end{gathered}$ | $\begin{gathered} 18.7 \\ (8.6,37.0) \end{gathered}$ | $\begin{gathered} 2.7 \\ (-20.5,30.1) \end{gathered}$ |
| Sweden | $\begin{gathered} 2080 \\ (834,4216) \end{gathered}$ | $\begin{gathered} 12.4 \\ (5.0,24.5) \end{gathered}$ | $\begin{gathered} 3122 \\ (1475,5836) \end{gathered}$ | $\begin{gathered} 12.5 \\ (6.0,23.6) \end{gathered}$ | $\begin{gathered} 0.9 \\ (-49.7,34.7) \end{gathered}$ |
| Switzerland | $\begin{gathered} 1928 \\ (829,3517) \end{gathered}$ | $\begin{gathered} 17.3 \\ (7.4,31.8) \end{gathered}$ | $\begin{gathered} 3413 \\ (1657,6428) \end{gathered}$ | $\begin{gathered} 17.0 \\ (8.1,32.7) \end{gathered}$ | $\begin{gathered} -1.9 \\ (-40.4,25.7) \end{gathered}$ |
| United Kingdom | $\begin{gathered} 12849 \\ (4767,25950) \end{gathered}$ | $\begin{gathered} 13.6 \\ (5.1,27.5) \end{gathered}$ | $\begin{gathered} 25517 \\ (10774,44848) \end{gathered}$ | $\begin{gathered} 18.0 \\ (7.7,32.2) \end{gathered}$ | $\begin{gathered} 32.5 \\ (-18.7,423.8) \end{gathered}$ |


| Southern Latin America | $\begin{gathered} 2545 \\ (1149,4852) \end{gathered}$ | $\begin{gathered} 5.9 \\ (2.7,11.0) \end{gathered}$ | $\begin{gathered} 7536 \\ (3622,14329) \end{gathered}$ | $\begin{gathered} 8.8 \\ (4.2,16.7) \end{gathered}$ | $\begin{gathered} 50.4 \\ (10.1,82.9) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Argentina | $\begin{gathered} 1556 \\ (702,2986) \end{gathered}$ | $\begin{gathered} 5.1 \\ (2.3,9.8) \end{gathered}$ | $\begin{gathered} 3532 \\ (1687,6811) \end{gathered}$ | $\begin{gathered} 6.4 \\ (3.0,12.3) \end{gathered}$ | $\begin{gathered} 25.2 \\ (-8.1,45.5) \end{gathered}$ |
| Chile | $\begin{gathered} 938 \\ (409,1788) \end{gathered}$ | $\begin{gathered} 10.6 \\ (4.7,20.1) \end{gathered}$ | $\begin{gathered} 3912 \\ (1853,7517) \end{gathered}$ | $\begin{gathered} 16.2 \\ (7.7,31.0) \end{gathered}$ | $\begin{gathered} 53.1 \\ (5.1,107.4) \end{gathered}$ |
| Uruguay | $\begin{gathered} 51 \\ (24,95) \end{gathered}$ | $\begin{gathered} 1.3 \\ (0.6,2.4) \end{gathered}$ | $\begin{gathered} 92 \\ (46,173) \end{gathered}$ | $\begin{gathered} 1.5 \\ (0.8,2.9) \end{gathered}$ | $\begin{gathered} 17.8 \\ (-46.7,44.9) \end{gathered}$ |
| High-income North America | $\begin{gathered} 90737 \\ (45266,167062) \end{gathered}$ | $\begin{gathered} 25.2 \\ (12.5,46.5) \end{gathered}$ | $\begin{gathered} 209196 \\ (101860,395722) \end{gathered}$ | $\begin{gathered} 31.6 \\ (15.3,59.8) \end{gathered}$ | $\begin{gathered} 25.3 \\ (2.2,43.5) \end{gathered}$ |
| Canada | $\begin{gathered} 7539 \\ (3558,13284) \end{gathered}$ | $\begin{gathered} 23.5 \\ (11.1,41.2) \end{gathered}$ | $\begin{gathered} 18563 \\ (9133,34811) \end{gathered}$ | $\begin{gathered} 25.5 \\ (12.7,48.3) \end{gathered}$ | $\begin{gathered} 8.6 \\ (-32.7,35.5) \end{gathered}$ |
| United States of America | $\begin{gathered} 83184 \\ (41621,153996) \end{gathered}$ | $\begin{gathered} 25.4 \\ (12.7,47.1) \end{gathered}$ | $\begin{gathered} 190609 \\ (92046,360089) \end{gathered}$ | $\begin{gathered} 32.3 \\ (15.6,60.9) \end{gathered}$ | $\begin{gathered} 27.3 \\ (3.6,46.3) \end{gathered}$ |
| Greenland | $\begin{gathered} 12 \\ (10,15) \end{gathered}$ | $\begin{gathered} 45.8 \\ (36.6,57.6) \end{gathered}$ | $\begin{gathered} 21 \\ (16,28) \end{gathered}$ | $\begin{gathered} 34.8 \\ (26.9,46.0) \end{gathered}$ | $\begin{gathered} -24.0 \\ (-43.3,0.6) \end{gathered}$ |
| Caribbean | $\begin{gathered} 5763 \\ (3041,10575) \end{gathered}$ | $\begin{gathered} 23.6 \\ (12.5,43.2) \end{gathered}$ | $\begin{gathered} 14588 \\ (7719,25844) \end{gathered}$ | $\begin{gathered} 28.1 \\ (14.9,49.7) \end{gathered}$ | $\begin{gathered} 19.1 \\ (-17.7,47.1) \end{gathered}$ |
| Antigua and Barbuda | $\begin{gathered} 13 \\ (6,26) \end{gathered}$ | $\begin{gathered} 24.2 \\ (11.4,46.4) \end{gathered}$ | $\begin{gathered} 31 \\ (15,58) \end{gathered}$ | $\begin{gathered} 33.2 \\ (15.7,62.5) \end{gathered}$ | $\begin{gathered} 37.3 \\ (0.1,86.6) \end{gathered}$ |
| Bahamas | $\begin{gathered} 46 \\ (22,85) \end{gathered}$ | $\begin{gathered} 33.6 \\ (16.1,62.2) \end{gathered}$ | $\begin{gathered} 142 \\ (68,265) \end{gathered}$ | $\begin{gathered} 39.8 \\ (19.1,75.1) \end{gathered}$ | $\begin{gathered} 18.3 \\ (-14.7,51.5) \end{gathered}$ |
| Barbados | $\begin{gathered} 240 \\ (118,448) \end{gathered}$ | $\begin{gathered} 79.9 \\ (38.9,148.7) \end{gathered}$ | $\begin{gathered} 484 \\ (231,874) \end{gathered}$ | $\begin{gathered} 97.4 \\ (46.6,176.1) \end{gathered}$ | $\begin{gathered} 22.0 \\ (-13.1,55.8) \end{gathered}$ |
| Belize | $\begin{gathered} 5 \\ (2,10) \end{gathered}$ | $\begin{gathered} 5.7 \\ (2.6,11.0) \end{gathered}$ | $\begin{gathered} 21 \\ (10,42) \end{gathered}$ | $\begin{gathered} 8.5 \\ (4.1,16.8) \end{gathered}$ | $\begin{gathered} 49.4 \\ (-4.9,108.3) \end{gathered}$ |
| Bermuda | $\begin{gathered} 29 \\ (13,55) \end{gathered}$ | $\begin{gathered} 50.1 \\ (22.7,94.8) \end{gathered}$ | $\begin{gathered} 66 \\ (33,123) \end{gathered}$ | $\begin{gathered} 47.7 \\ (23.4,89.5) \end{gathered}$ | $\begin{gathered} -4.8 \\ (-40.8,41.0) \end{gathered}$ |
| Cuba | $\begin{gathered} 3297 \\ (1556,6574) \end{gathered}$ | $\begin{gathered} 32.7 \\ (15.4,65.1) \end{gathered}$ | $\begin{gathered} 8223 \\ (3764,15448) \end{gathered}$ | $\begin{gathered} 41.8 \\ (19.0,78.7) \end{gathered}$ | $\begin{gathered} 27.6 \\ (-18.6,76.7) \end{gathered}$ |
| Dominica | $\begin{gathered} 14 \\ (11,18) \end{gathered}$ | $\begin{gathered} 19.1 \\ (15.1,23.7) \end{gathered}$ | $\begin{gathered} 24 \\ (19,30) \end{gathered}$ | $\begin{gathered} 26.0 \\ (20.4,32.8) \end{gathered}$ | $\begin{gathered} 36.2 \\ (3.6,79.2) \end{gathered}$ |
| Dominican Republic | $\begin{gathered} 86 \\ (58,105) \end{gathered}$ | $\begin{gathered} 2.7 \\ (1.8,3.4) \end{gathered}$ | $\begin{gathered} 403 \\ (287,541) \end{gathered}$ | $\begin{gathered} 4.7 \\ (3.3,6.3) \end{gathered}$ | $\begin{gathered} 70.8 \\ (24.0,129.7) \end{gathered}$ |
| Grenada | $\begin{gathered} 23 \\ (11,45) \end{gathered}$ | $\begin{gathered} 29.4 \\ (14.0,58.1) \end{gathered}$ | $\begin{gathered} 44 \\ (21,82) \end{gathered}$ | $\begin{gathered} 43.4 \\ (20.3,80.1) \end{gathered}$ | $\begin{gathered} 47.6 \\ (-8.3,94.2) \end{gathered}$ |
| Guyana | $\begin{gathered} 36 \\ (15,72) \end{gathered}$ | $\begin{gathered} 10.9 \\ (4.6,21.8) \end{gathered}$ | $\begin{gathered} 89 \\ (40,175) \end{gathered}$ | $\begin{gathered} 16.1 \\ (7.4,31.7) \end{gathered}$ | $\begin{gathered} 47.7 \\ (-6.7,145.3) \end{gathered}$ |
| Haiti | $\begin{gathered} 482 \\ (310,809) \end{gathered}$ | $\begin{gathered} 18.0 \\ (11.6,29.4) \end{gathered}$ | $\begin{gathered} 1089 \\ (688,1766) \end{gathered}$ | $\begin{gathered} 18.5 \\ (11.8,29.8) \end{gathered}$ | $\begin{gathered} 2.6 \\ (-30.7,46.5) \end{gathered}$ |
| Jamaica | $\begin{gathered} 410 \\ (163,884) \end{gathered}$ | $\begin{gathered} 22.7 \\ (9.0,48.8) \end{gathered}$ | $\begin{gathered} 1018 \\ (438,2040) \end{gathered}$ | $\begin{gathered} 32.9 \\ (14.2,66.9) \end{gathered}$ | $\begin{gathered} 45.0 \\ (-19.9,116.1) \end{gathered}$ |


| Puerto Rico | $\begin{gathered} 723 \\ (338,1327) \end{gathered}$ | $\begin{gathered} 20.5 \\ (9.6,37.4) \end{gathered}$ | $\begin{gathered} 1985 \\ (913,3976) \end{gathered}$ | $\begin{gathered} 25.5 \\ (11.6,51.1) \end{gathered}$ | $\begin{gathered} 24.2 \\ (-19.8,72.6) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Saint Kitts and Nevis | $\begin{gathered} 20 \\ (9,39) \end{gathered}$ | $\begin{gathered} 55.9 \\ (25.3,108.7) \end{gathered}$ | $\begin{gathered} 39 \\ (18,74) \end{gathered}$ | $\begin{gathered} 70.1 \\ (32.9,135.0) \end{gathered}$ | $\begin{gathered} 25.3 \\ (-27.3,71.3) \end{gathered}$ |
| Saint Lucia | $\begin{gathered} 36 \\ (17,67) \end{gathered}$ | $\begin{gathered} 44.6 \\ (21.5,85.4) \end{gathered}$ | $\begin{gathered} 109 \\ (53,208) \end{gathered}$ | $\begin{gathered} 53.0 \\ (25.5,101.5) \end{gathered}$ | $\begin{gathered} 18.7 \\ (-27.5,52.3) \end{gathered}$ |
| Saint Vincent and the Grenadines | $\begin{gathered} 12 \\ (6,23) \end{gathered}$ | $\begin{gathered} 18.2 \\ (8.3,33.4) \end{gathered}$ | $\begin{gathered} 32 \\ (15,60) \end{gathered}$ | $\begin{gathered} 25.0 \\ (11.8,47.2) \end{gathered}$ | $\begin{gathered} 37.4 \\ (-12.0,97.3) \end{gathered}$ |
| Suriname | $\begin{gathered} 7 \\ (5,8) \end{gathered}$ | $\begin{gathered} 2.6 \\ (2.2,3.2) \end{gathered}$ | $\begin{gathered} 20 \\ (16,26) \end{gathered}$ | $\begin{gathered} 3.5 \\ (2.8,4.4) \end{gathered}$ | $\begin{gathered} 31.6 \\ (-0.2,73.0) \end{gathered}$ |
| Trinidad and Tobago | $\begin{gathered} 66 \\ (26,131) \end{gathered}$ | $\begin{gathered} 8.8 \\ (3.4,18.2) \end{gathered}$ | $\begin{gathered} 184 \\ (77,371) \end{gathered}$ | $\begin{gathered} 10.2 \\ (4.3,20.4) \end{gathered}$ | $\begin{gathered} 15.5 \\ (-33.0,74.0) \end{gathered}$ |
| United States Virgin Islands | $\begin{gathered} 26 \\ (20,36) \end{gathered}$ | $\begin{gathered} 35.6 \\ (27.2,50.2) \end{gathered}$ | $\begin{gathered} 91 \\ (72,122) \end{gathered}$ | $\begin{gathered} 51.5 \\ (40.9,68.9) \end{gathered}$ | $\begin{gathered} 44.6 \\ (9.9,89.0) \end{gathered}$ |
| Andean Latin America | $\begin{gathered} 265 \\ (207,319) \end{gathered}$ | $\begin{gathered} 1.5 \\ (1.1,1.8) \end{gathered}$ | $\begin{gathered} 953 \\ (716,1194) \end{gathered}$ | $\begin{gathered} 1.8 \\ (1.3,2.2) \end{gathered}$ | $\begin{gathered} 18.8 \\ (-8.9,54.6) \end{gathered}$ |
| Bolivia (Plurinational State of) | $\begin{gathered} 47 \\ (30,68) \end{gathered}$ | $\begin{gathered} 1.8 \\ (1.2,2.5) \end{gathered}$ | $\begin{gathered} 194 \\ (124,278) \end{gathered}$ | $\begin{gathered} 2.6 \\ (1.7,3.6) \end{gathered}$ | $\begin{gathered} 46.4 \\ (2.8,104.9) \end{gathered}$ |
| Ecuador | $\begin{gathered} 52 \\ (43,68) \end{gathered}$ | $\begin{gathered} 1.1 \\ (0.9,1.4) \end{gathered}$ | $\begin{gathered} 274 \\ (207,356) \end{gathered}$ | $\begin{gathered} 2.0 \\ (1.5,2.6) \end{gathered}$ | $\begin{gathered} 83.0 \\ (34.1,148.8) \end{gathered}$ |
| Peru | $\begin{gathered} 167 \\ (121,207) \end{gathered}$ | $\begin{gathered} 1.6 \\ (1.1,2.0) \end{gathered}$ | $\begin{gathered} 485 \\ (338,673) \end{gathered}$ | $\begin{gathered} 1.5 \\ (1.0,2.1) \end{gathered}$ | $\begin{gathered} -5.0 \\ (-35.4,42.4) \end{gathered}$ |
| Central Latin America | $\begin{gathered} 5307 \\ (2527,9506) \end{gathered}$ | $\begin{gathered} 7.5 \\ (3.6,13.4) \end{gathered}$ | $\begin{gathered} 17737 \\ (8566,35692) \end{gathered}$ | $\begin{gathered} 7.9 \\ (3.8,15.8) \end{gathered}$ | $\begin{gathered} 5.5 \\ (-37.9,45.9) \end{gathered}$ |
| Colombia | $\begin{gathered} 1006 \\ (450,1828) \end{gathered}$ | $\begin{gathered} 6.7 \\ (3.0,12.2) \end{gathered}$ | $\begin{gathered} 3916 \\ (1743,8228) \end{gathered}$ | $\begin{gathered} 7.2 \\ (3.2,15.2) \end{gathered}$ | $\begin{gathered} 7.4 \\ (-44.0,69.5) \end{gathered}$ |
| Costa Rica | $\begin{gathered} 62 \\ (26,117) \end{gathered}$ | $\begin{gathered} 3.8 \\ (1.6,7.2) \end{gathered}$ | $\begin{gathered} 258 \\ (116,516) \end{gathered}$ | $\begin{gathered} 5.1 \\ (2.3,10.1) \end{gathered}$ | $\begin{gathered} 31.7 \\ (-14.4,79.4) \end{gathered}$ |
| El Salvador | $\begin{gathered} 28 \\ (21,33) \end{gathered}$ | $\begin{gathered} 1.0 \\ (0.7,1.2) \end{gathered}$ | $\begin{gathered} 80 \\ (53,107) \end{gathered}$ | $\begin{gathered} 1.3 \\ (0.8,1.7) \end{gathered}$ | $\begin{gathered} 26.4 \\ (-8.4,70.0) \end{gathered}$ |
| Guatemala | $\begin{gathered} 30 \\ (15,57) \end{gathered}$ | $\begin{gathered} 1.1 \\ (0.5,2.1) \end{gathered}$ | $\begin{gathered} 131 \\ (61,256) \end{gathered}$ | $\begin{gathered} 1.3 \\ (0.6,2.6) \end{gathered}$ | $\begin{gathered} 20.7 \\ (-26.5,87.8) \end{gathered}$ |
| Honduras | $\begin{gathered} 84 \\ (41,142) \end{gathered}$ | $\begin{gathered} 4.9 \\ (2.3,8.5) \end{gathered}$ | $\begin{gathered} 298 \\ (184,413) \end{gathered}$ | $\begin{gathered} 6.0 \\ (3.6,8.4) \end{gathered}$ | $\begin{gathered} 22.3 \\ (-13.8,80.3) \end{gathered}$ |
| Mexico | $\begin{gathered} 3469 \\ (1626,6442) \end{gathered}$ | $\begin{gathered} 9.6 \\ (4.5,17.6) \end{gathered}$ | $\begin{gathered} 10671 \\ (4868,21813) \end{gathered}$ | $\begin{gathered} 9.8 \\ (4.5,20.2) \end{gathered}$ | $\begin{gathered} 2.1 \\ (-41.6,47.2) \end{gathered}$ |
| Nicaragua | $\begin{gathered} 17 \\ (14,21) \end{gathered}$ | $\begin{gathered} 1.3 \\ (1.0,1.5) \end{gathered}$ | $\begin{gathered} 83 \\ (64,101) \end{gathered}$ | $\begin{gathered} 2.3 \\ (1.8,2.8) \end{gathered}$ | $\begin{gathered} 77.2 \\ (38.6,126.0) \end{gathered}$ |
| Panama | $\begin{gathered} 150 \\ (63,287) \end{gathered}$ | $\begin{gathered} 10.8 \\ (4.5,20.6) \end{gathered}$ | $\begin{gathered} 594 \\ (266,1209) \end{gathered}$ | $\begin{gathered} 14.1 \\ (6.3,28.6) \end{gathered}$ | $\begin{gathered} 29.7 \\ (-33.6,87.8) \end{gathered}$ |
| Venezuela (Bolivarian Republic of) | $\begin{gathered} 461 \\ (218,845) \end{gathered}$ | $\begin{gathered} 5.5 \\ (2.6,10.2) \end{gathered}$ | $\begin{gathered} 1707 \\ (779,3431) \end{gathered}$ | $\begin{gathered} 6.2 \\ (2.9,12.5) \end{gathered}$ | $\begin{gathered} 13.5 \\ (-25.0,57.8) \end{gathered}$ |


| Tropical Latin America | $\begin{gathered} 13723 \\ (6110,25529) \end{gathered}$ | $\begin{gathered} 16.9 \\ (7.5,31.1) \end{gathered}$ | $\begin{gathered} 44094 \\ (20308,83166) \end{gathered}$ | $\begin{gathered} 18.7 \\ (8.6,35.3) \end{gathered}$ | $\begin{gathered} 11.2 \\ (-18.9,46.7) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Brazil | $\begin{gathered} 13671 \\ (6064,25480) \end{gathered}$ | $\begin{gathered} 17.3 \\ (7.7,31.9) \end{gathered}$ | $\begin{gathered} 43732 \\ (19959,82757) \end{gathered}$ | $\begin{gathered} 19.0 \\ (8.7,35.9) \end{gathered}$ | $\begin{gathered} 10.2 \\ (-20.3,45.1) \end{gathered}$ |
| Paraguay | $\begin{gathered} 52 \\ (38,64) \end{gathered}$ | $\begin{gathered} 2.5 \\ (1.9,3.1) \end{gathered}$ | $\begin{gathered} 361 \\ (254,484) \end{gathered}$ | $\begin{gathered} 6.8 \\ (4.8,9.1) \end{gathered}$ | $\begin{gathered} 170.5 \\ (85.2,277.5) \end{gathered}$ |
| North Africa and Middle East | $\begin{gathered} 7515 \\ (5859,9895) \end{gathered}$ | $\begin{gathered} 5.1 \\ (3.9,6.8) \end{gathered}$ | $\begin{gathered} 22229 \\ (18309,28035) \end{gathered}$ | $\begin{gathered} 6.0 \\ (4.9,7.8) \end{gathered}$ | $\begin{gathered} 18.2 \\ (-12.7,51.6) \end{gathered}$ |
| Afghanistan | $\begin{gathered} 69 \\ (37,110) \end{gathered}$ | $\begin{gathered} 1.2 \\ (0.6,1.8) \end{gathered}$ | $\begin{gathered} 183 \\ (115,272) \end{gathered}$ | $\begin{gathered} 1.9 \\ (1.2,2.9) \end{gathered}$ | $\begin{gathered} 64.2 \\ (9.4,139.9) \end{gathered}$ |
| Algeria | $\begin{gathered} 243 \\ (140,388) \end{gathered}$ | $\begin{gathered} 2.8 \\ (1.6,4.4) \end{gathered}$ | $\begin{gathered} 1186 \\ (739,1861) \end{gathered}$ | $\begin{gathered} 4.4 \\ (2.7,6.7) \end{gathered}$ | $\begin{gathered} 55.8 \\ (9.1,126.7) \end{gathered}$ |
| Bahrain | $\begin{gathered} 25 \\ (19,33) \end{gathered}$ | $\begin{gathered} 18.7 \\ (14.6,23.9) \end{gathered}$ | $\begin{gathered} 144 \\ (105,192) \end{gathered}$ | $\begin{gathered} 21.0 \\ (15.8,27.0) \end{gathered}$ | $\begin{gathered} 12.2 \\ (-24.0,58.8) \end{gathered}$ |
| Egypt | $\begin{gathered} 296 \\ (218,440) \end{gathered}$ | $\begin{gathered} 1.3 \\ (1.0,2.0) \end{gathered}$ | $\begin{gathered} 1320 \\ (860,1969) \end{gathered}$ | $\begin{gathered} 2.7 \\ (1.8,3.9) \end{gathered}$ | $\begin{gathered} 104.7 \\ (43.1,188.5) \end{gathered}$ |
| Iran (Islamic Republic of) | $\begin{gathered} 298 \\ (230,398) \end{gathered}$ | $\begin{gathered} 1.6 \\ (1.2,2.3) \end{gathered}$ | $\begin{gathered} 2664 \\ (1961,3043) \end{gathered}$ | $\begin{gathered} 4.1 \\ (3.0,4.7) \end{gathered}$ | $\begin{gathered} 162.8 \\ (58.5,280.5) \end{gathered}$ |
| Iraq | $\begin{gathered} 129 \\ (87,197) \end{gathered}$ | $\begin{gathered} 1.7 \\ (1.1,2.8) \end{gathered}$ | $\begin{gathered} 421 \\ (310,573) \end{gathered}$ | $\begin{gathered} 1.9 \\ (1.5,2.9) \end{gathered}$ | $\begin{gathered} 12.9 \\ (-25.9,77.0) \end{gathered}$ |
| Jordan | $\begin{gathered} 12 \\ (10,16) \end{gathered}$ | $\begin{gathered} 1.2 \\ (1.0,1.6) \end{gathered}$ | $\begin{gathered} 71 \\ (56,92) \end{gathered}$ | $\begin{gathered} 1.4 \\ (1.1,1.8) \end{gathered}$ | $\begin{gathered} 15.4 \\ (-15.7,52.6) \end{gathered}$ |
| Kuwait | $\begin{gathered} 5 \\ (3,8) \end{gathered}$ | $\begin{gathered} 1.0 \\ (0.5,1.9) \end{gathered}$ | $\begin{gathered} 31 \\ (15,60) \end{gathered}$ | $\begin{gathered} 1.5 \\ (0.7,3.1) \end{gathered}$ | $\begin{gathered} 48.4 \\ (-9.8,112.7) \end{gathered}$ |
| Lebanon | $\begin{gathered} 37 \\ (24,52) \end{gathered}$ | $\begin{gathered} 2.0 \\ (1.3,2.8) \end{gathered}$ | $\begin{gathered} 176 \\ (118,231) \end{gathered}$ | $\begin{gathered} 3.4 \\ (2.3,4.5) \end{gathered}$ | $\begin{gathered} 74.3 \\ (7.0,172.8) \end{gathered}$ |
| Libya | $\begin{gathered} 18 \\ (13,24) \end{gathered}$ | $\begin{gathered} 1.1 \\ (0.8,1.5) \end{gathered}$ | $\begin{gathered} 101 \\ (64,140) \end{gathered}$ | $\begin{gathered} 2.3 \\ (1.4,3.2) \end{gathered}$ | $\begin{gathered} 102.1 \\ (27.3,218.7) \end{gathered}$ |
| Morocco | $\begin{gathered} 152 \\ (102,214) \end{gathered}$ | $\begin{gathered} 1.4 \\ (0.9,2.0) \end{gathered}$ | $\begin{gathered} 799 \\ (529,1064) \end{gathered}$ | $\begin{gathered} 3.1 \\ (2.1,4.2) \end{gathered}$ | $\begin{gathered} 124.6 \\ (56.6,207.7) \end{gathered}$ |
| Palestine | $\begin{gathered} 7 \\ (5,10) \end{gathered}$ | $\begin{gathered} 1.0 \\ (0.6,1.3) \end{gathered}$ | $\begin{gathered} 23 \\ (18,28) \end{gathered}$ | $\begin{gathered} 1.3 \\ (1.0,1.6) \end{gathered}$ | $\begin{gathered} 29.8 \\ (-9.2,100.9) \end{gathered}$ |
| Oman | $\begin{gathered} 13 \\ (7,21) \end{gathered}$ | $\begin{gathered} 2.8 \\ (1.4,4.3) \end{gathered}$ | $\begin{gathered} 66 \\ (36,94) \end{gathered}$ | $\begin{gathered} 5.8 \\ (3.2,8.4) \end{gathered}$ | $\begin{gathered} 110.1 \\ (40.7,229.7) \end{gathered}$ |
| Qatar | $\begin{gathered} 4 \\ (2,5) \end{gathered}$ | $\begin{gathered} 7.0 \\ (3.4,10.1) \end{gathered}$ | $\begin{gathered} 23 \\ (14,32) \end{gathered}$ | $\begin{gathered} 13.1 \\ (8.3,18.3) \end{gathered}$ | $\begin{gathered} 86.2 \\ (20.3,236.5) \end{gathered}$ |
| Saudi Arabia | $\begin{gathered} 47 \\ (31,63) \end{gathered}$ | $\begin{gathered} 1.0 \\ (0.6,1.3) \end{gathered}$ | $\begin{gathered} 152 \\ (118,198) \end{gathered}$ | $\begin{gathered} 1.3 \\ (1.0,1.6) \end{gathered}$ | $\begin{gathered} 32.7 \\ (-13.5,139.2) \end{gathered}$ |
| Sudan | $\begin{gathered} 104 \\ (53,159) \end{gathered}$ | $\begin{gathered} 1.3 \\ (0.7,2.0) \end{gathered}$ | $\begin{gathered} 407 \\ (238,612) \end{gathered}$ | $\begin{gathered} 2.6 \\ (1.6,3.9) \end{gathered}$ | $\begin{gathered} 98.7 \\ (35.0,192.0) \end{gathered}$ |
| Syrian Arab Republic | $\begin{gathered} 40 \\ (30,51) \end{gathered}$ | $\begin{gathered} 0.9 \\ (0.7,1.2) \end{gathered}$ | $\begin{gathered} 100 \\ (74,133) \end{gathered}$ | $\begin{gathered} 1.1 \\ (0.8,1.4) \end{gathered}$ | $\begin{gathered} 17.9 \\ (-16.8,69.5) \end{gathered}$ |


| Tunisia | $\begin{gathered} 63 \\ (47,87) \end{gathered}$ | $\begin{gathered} 1.6 \\ (1.2,2.1) \end{gathered}$ | $\begin{gathered} 342 \\ (233,479) \end{gathered}$ | $\begin{gathered} 3.0 \\ (2.0,4.1) \end{gathered}$ | $\begin{gathered} 90.5 \\ (29.9,172.2) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Türkiye | $\begin{gathered} 5890 \\ (4480,7884) \end{gathered}$ | $\begin{gathered} 17.5 \\ (13.4,24.1) \end{gathered}$ | $\begin{gathered} 13612 \\ (10356,19399) \end{gathered}$ | $\begin{gathered} 15.9 \\ (12.1,23.1) \end{gathered}$ | $\begin{gathered} -9.3 \\ (-38.6,27.2) \end{gathered}$ |
| United Arab Emirates | $\begin{gathered} 9 \\ (5,17) \end{gathered}$ | $\begin{gathered} 3.2 \\ (1.5,6.2) \end{gathered}$ | $\begin{gathered} 151 \\ (70,289) \end{gathered}$ | $\begin{gathered} 5.2 \\ (2.4,9.9) \end{gathered}$ | $\begin{gathered} 65.1 \\ (-6.2,195.9) \end{gathered}$ |
| Yemen | $\begin{gathered} 49 \\ (28,79) \end{gathered}$ | $\begin{gathered} 1.2 \\ (0.7,2.0) \end{gathered}$ | $\begin{gathered} 234 \\ (148,364) \end{gathered}$ | $\begin{gathered} 2.2 \\ (1.4,3.4) \end{gathered}$ | $\begin{gathered} 76.1 \\ (13.8,166.5) \end{gathered}$ |
| South Asia | $\begin{gathered} 10491 \\ (8051,16863) \end{gathered}$ | $\begin{gathered} 2.5 \\ (1.9,4.0) \end{gathered}$ | $\begin{gathered} 49750 \\ (37108,63767) \end{gathered}$ | $\begin{gathered} 4.2 \\ (3.1,5.3) \end{gathered}$ | $\begin{gathered} 67.9 \\ (8.9,113.3) \end{gathered}$ |
| Bangladesh | $\begin{gathered} 835 \\ (583,1517) \end{gathered}$ | $\begin{gathered} 2.2 \\ (1.5,3.9) \end{gathered}$ | $\begin{gathered} 5256 \\ (2795,7747) \end{gathered}$ | $\begin{gathered} 4.6 \\ (2.4,6.8) \end{gathered}$ | $\begin{gathered} 113.2 \\ (21.6,233.4) \end{gathered}$ |
| Bhutan | $\begin{gathered} 5 \\ (3,8) \end{gathered}$ | $\begin{gathered} 2.5 \\ (1.4,4.2) \end{gathered}$ | $\begin{gathered} 29 \\ (17,45) \end{gathered}$ | $\begin{gathered} 5.9 \\ (3.5,9.0) \end{gathered}$ | $\begin{gathered} 138.1 \\ (30.6,262.9) \end{gathered}$ |
| India | $\begin{gathered} 7915 \\ (6138,12898) \end{gathered}$ | $\begin{gathered} 2.4 \\ (1.8,3.9) \end{gathered}$ | $\begin{gathered} 38951 \\ (29507,50357) \end{gathered}$ | $\begin{gathered} 4.0 \\ (3.0,5.1) \end{gathered}$ | $\begin{gathered} 66.1 \\ (3.3,117.0) \end{gathered}$ |
| Nepal | $\begin{gathered} 140 \\ (84,261) \end{gathered}$ | $\begin{gathered} 1.9 \\ (1.1,3.5) \end{gathered}$ | $\begin{gathered} 809 \\ (505,1138) \end{gathered}$ | $\begin{gathered} 4.3 \\ (2.7,6.0) \end{gathered}$ | $\begin{gathered} 128.2 \\ (37.1,234.2) \end{gathered}$ |
| Pakistan | $\begin{gathered} 1597 \\ (990,2606) \end{gathered}$ | $\begin{gathered} 3.2 \\ (2.0,5.2) \end{gathered}$ | $\begin{gathered} 4706 \\ (3118,6843) \end{gathered}$ | $\begin{gathered} 5.4 \\ (3.6,7.7) \end{gathered}$ | $\begin{gathered} 69.5 \\ (16.0,132.0) \end{gathered}$ |
| Central Sub- <br> Saharan Africa | $\begin{gathered} 7475 \\ (2572,13804) \end{gathered}$ | $\begin{gathered} 39.4 \\ (13.9,73.7) \end{gathered}$ | $\begin{gathered} 16614 \\ (8574,26885) \end{gathered}$ | $\begin{gathered} 36.8 \\ (18.9,58.6) \end{gathered}$ | $\begin{gathered} -6.6 \\ (-34.8,57.1) \end{gathered}$ |
| Angola | $\begin{gathered} 604 \\ (348,930) \end{gathered}$ | $\begin{gathered} 18.5 \\ (10.1,27.7) \end{gathered}$ | $\begin{gathered} 2436 \\ (1377,3407) \end{gathered}$ | $\begin{gathered} 26.6 \\ (14.6,36.6) \end{gathered}$ | $\begin{gathered} 44.0 \\ (-2.6,120.2) \end{gathered}$ |
| Central African Republic | $\begin{gathered} 218 \\ (112,358) \end{gathered}$ | $\begin{gathered} 21.8 \\ (10.6,34.9) \end{gathered}$ | $\begin{gathered} 397 \\ (223,640) \end{gathered}$ | $\begin{gathered} 22.2 \\ (11.8,34.6) \end{gathered}$ | $\begin{gathered} 1.6 \\ (-27.6,42.5) \end{gathered}$ |
| Congo | $\begin{gathered} 316 \\ (179,450) \end{gathered}$ | $\begin{gathered} 34.2 \\ (19.6,48.2) \end{gathered}$ | $\begin{gathered} 900 \\ (573,1263) \end{gathered}$ | $\begin{gathered} 41.5 \\ (25.5,58.2) \end{gathered}$ | $\begin{gathered} 21.3 \\ (-17.6,79.9) \end{gathered}$ |
| Democratic Republic of the Congo | $\begin{gathered} 6119 \\ (1727,11789) \end{gathered}$ | $\begin{gathered} 46.9 \\ (13.6,91.4) \end{gathered}$ | $\begin{gathered} 12240 \\ (5182,21531) \end{gathered}$ | $\begin{gathered} 39.8 \\ (17.8,69.1) \end{gathered}$ | $\begin{gathered} -15.1 \\ (-43.3,50.0) \end{gathered}$ |
| Equatorial Guinea | $\begin{gathered} 36 \\ (16,55) \end{gathered}$ | $\begin{gathered} 20.7 \\ (9.2,31.1) \end{gathered}$ | $\begin{gathered} 171 \\ (74,297) \end{gathered}$ | $\begin{gathered} 43.6 \\ (18.7,73.8) \end{gathered}$ | $\begin{gathered} 110.3 \\ (16.2,302.1) \end{gathered}$ |
| Gabon | $\begin{gathered} 181 \\ (82,307) \end{gathered}$ | $\begin{gathered} 34.8 \\ (15.2,58.2) \end{gathered}$ | $\begin{gathered} 469 \\ (282,677) \end{gathered}$ | $\begin{gathered} 50.8 \\ (29.9,72.5) \end{gathered}$ | $\begin{gathered} 45.9 \\ (-2.2,131.6) \end{gathered}$ |
| Eastern SubSaharan Africa | $\begin{gathered} 10344 \\ (5776,15613) \end{gathered}$ | $\begin{gathered} 16.3 \\ (8.7,24.9) \end{gathered}$ | $\begin{gathered} 30214 \\ (17081,39880) \end{gathered}$ | $\begin{gathered} 22.2 \\ (12.0,29.5) \end{gathered}$ | $\begin{gathered} 35.9 \\ (2.1,73.0) \end{gathered}$ |
| Burundi | $\begin{gathered} 379 \\ (202,598) \end{gathered}$ | $\begin{gathered} 18.2 \\ (9.5,28.7) \end{gathered}$ | $\begin{gathered} 637 \\ (337,962) \end{gathered}$ | $\begin{gathered} 17.1 \\ (8.6,25.6) \end{gathered}$ | $\begin{gathered} -6.4 \\ (-40.9,40.4) \end{gathered}$ |
| Comoros | $\begin{gathered} 35 \\ (16,55) \end{gathered}$ | $\begin{gathered} 17.4 \\ (8.2,27.7) \end{gathered}$ | $\begin{gathered} 87 \\ (41,130) \end{gathered}$ | $\begin{gathered} 19.7 \\ (9.2,29.9) \end{gathered}$ | $\begin{gathered} 13.3 \\ (-27.7,76.9) \end{gathered}$ |
| Djibouti | $\begin{gathered} 22 \\ (11,36) \end{gathered}$ | $\begin{gathered} 20.0 \\ (9.2,32.6) \end{gathered}$ | $\begin{gathered} 129 \\ (61,202) \end{gathered}$ | $\begin{gathered} 27.1 \\ (12.7,41.1) \end{gathered}$ | $\begin{gathered} 35.5 \\ (-8.7,102.5) \end{gathered}$ |


| Eritrea | 108 <br> $(57,197)$ | 13.2 <br> $(6.2,23.7)$ | 398 <br> $(202,601)$ | $(8.4,29.0)$ | $(-7.3,126.6)$ |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Ethiopia | 2507 | 18.8 | $(1338,4066)$ | $(8.2,24.2)$ | $(3996,10275)$ |


| Burkina Faso | $\begin{gathered} 159 \\ (90,279) \end{gathered}$ | $\begin{gathered} 3.9 \\ (2.3,6.6) \end{gathered}$ | $\begin{gathered} 617 \\ (284,1079) \end{gathered}$ | $\begin{gathered} 7.7 \\ (3.6,13.0) \end{gathered}$ | $\begin{gathered} 97.6 \\ (24.1,215.0) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Cameroon | $\begin{gathered} 195 \\ (108,335) \end{gathered}$ | $\begin{gathered} 4.8 \\ (2.9,7.8) \end{gathered}$ | $\begin{gathered} 738 \\ (390,1222) \end{gathered}$ | $\begin{gathered} 7.5 \\ (4.0,11.9) \end{gathered}$ | $\begin{gathered} 55.2 \\ (-5.6,154.9) \end{gathered}$ |
| Cabo Verde | $\begin{gathered} 12 \\ (6,17) \end{gathered}$ | $\begin{gathered} 5.0 \\ (2.8,7.4) \end{gathered}$ | $\begin{gathered} 36 \\ (20,51) \end{gathered}$ | $\begin{gathered} 8.8 \\ (4.7,12.3) \end{gathered}$ | $\begin{gathered} 77.8 \\ (13.2,205.3) \end{gathered}$ |
| Chad | $\begin{gathered} 100 \\ (56,158) \end{gathered}$ | $\begin{gathered} 3.9 \\ (2.2,6.2) \end{gathered}$ | $\begin{gathered} 242 \\ (118,387) \end{gathered}$ | $\begin{gathered} 5.1 \\ (2.5,8.0) \end{gathered}$ | $\begin{gathered} 29.4 \\ (-15.0,95.0) \end{gathered}$ |
| Cote d'Ivoire | $\begin{gathered} 132 \\ (81,197) \end{gathered}$ | $\begin{gathered} 4.1 \\ (2.6,5.8) \end{gathered}$ | $\begin{gathered} 437 \\ (238,716) \end{gathered}$ | $\begin{gathered} 5.2 \\ (3.0,8.1) \end{gathered}$ | $\begin{gathered} 26.1 \\ (-18.3,106.7) \end{gathered}$ |
| Gambia | $\begin{gathered} 11 \\ (6,17) \end{gathered}$ | $\begin{gathered} 3.7 \\ (2.2,5.5) \end{gathered}$ | $\begin{gathered} 51 \\ (25,79) \end{gathered}$ | $\begin{gathered} 6.2 \\ (3.1,9.5) \end{gathered}$ | $\begin{gathered} 66.8 \\ (2.5,168.2) \end{gathered}$ |
| Ghana | $\begin{gathered} 124 \\ (75,184) \end{gathered}$ | $\begin{gathered} 2.2 \\ (1.4,3.1) \end{gathered}$ | $\begin{gathered} 263 \\ (187,427) \end{gathered}$ | $\begin{gathered} 1.9 \\ (1.4,3.0) \end{gathered}$ | $\begin{gathered} -11.6 \\ (-46.8,49.1) \end{gathered}$ |
| Guinea | $\begin{gathered} 126 \\ (63,223) \end{gathered}$ | $\begin{gathered} 4.0 \\ (2.1,7.0) \end{gathered}$ | $\begin{gathered} 266 \\ (128,458) \end{gathered}$ | $\begin{gathered} 5.4 \\ (2.6,9.1) \end{gathered}$ | $\begin{gathered} 33.4 \\ (-15.1,126.7) \end{gathered}$ |
| Guinea-Bissau | $\begin{gathered} 15 \\ (9,26) \end{gathered}$ | $\begin{gathered} 4.2 \\ (2.6,7.1) \end{gathered}$ | $\begin{gathered} 35 \\ (18,62) \end{gathered}$ | $\begin{gathered} 5.9 \\ (3.1,9.8) \end{gathered}$ | $\begin{gathered} 42.1 \\ (-16.5,137.5) \end{gathered}$ |
| Liberia | $\begin{gathered} 42 \\ (26,65) \end{gathered}$ | $\begin{gathered} 4.1 \\ (2.6,6.2) \end{gathered}$ | $\begin{gathered} 86 \\ (44,144) \end{gathered}$ | $\begin{gathered} 5.2 \\ (2.7,8.6) \end{gathered}$ | $\begin{gathered} 27.8 \\ (-16.3,98.8) \end{gathered}$ |
| Mali | $\begin{gathered} 139 \\ (81,256) \end{gathered}$ | $\begin{gathered} 3.7 \\ (2.3,6.5) \end{gathered}$ | $\begin{gathered} 389 \\ (195,662) \end{gathered}$ | $\begin{gathered} 5.2 \\ (2.7,8.6) \end{gathered}$ | $\begin{gathered} 41.9 \\ (-11.3,133.0) \end{gathered}$ |
| Mauritania | $\begin{gathered} 48 \\ (28,72) \end{gathered}$ | $\begin{gathered} 5.5 \\ (3.1,8.2) \end{gathered}$ | $\begin{gathered} 119 \\ (51,201) \end{gathered}$ | $\begin{gathered} 6.3 \\ (2.8,10.2) \end{gathered}$ | $\begin{gathered} 14.6 \\ (-30.9,85.1) \end{gathered}$ |
| Niger | $\begin{gathered} 88 \\ (48,146) \end{gathered}$ | $\begin{gathered} 3.6 \\ (2.0,5.8) \end{gathered}$ | $\begin{gathered} 313 \\ (141,589) \end{gathered}$ | $\begin{gathered} 4.6 \\ (2.2,8.3) \end{gathered}$ | $\begin{gathered} 27.1 \\ (-19.9,104.8) \end{gathered}$ |
| Nigeria | $\begin{gathered} 1656 \\ (1140,2449) \end{gathered}$ | $\begin{gathered} 4.3 \\ (3.0,6.4) \end{gathered}$ | $\begin{gathered} 4050 \\ (1941,6139) \end{gathered}$ | $\begin{gathered} 5.6 \\ (2.8,8.3) \end{gathered}$ | $\begin{gathered} 30.8 \\ (-32.1,120.0) \end{gathered}$ |
| Sao Tome and Principe | $\begin{gathered} 2 \\ (1,4) \end{gathered}$ | $\begin{gathered} 3.9 \\ (2.4,5.6) \end{gathered}$ | $\begin{gathered} 6 \\ (3,10) \end{gathered}$ | $\begin{gathered} 7.0 \\ (3.7,10.4) \end{gathered}$ | $\begin{gathered} 77.6 \\ (17.3,180.1) \end{gathered}$ |
| Senegal | $\begin{gathered} 130 \\ (74,196) \end{gathered}$ | $\begin{gathered} 4.5 \\ (2.6,6.6) \end{gathered}$ | $\begin{gathered} 405 \\ (193,650) \end{gathered}$ | $\begin{gathered} 6.1 \\ (3.0,9.3) \end{gathered}$ | $\begin{gathered} 35.0 \\ (-11.7,115.2) \end{gathered}$ |
| Sierra Leone | $\begin{gathered} 59 \\ (36,89) \end{gathered}$ | $\begin{gathered} 3.4 \\ (2.1,5.0) \end{gathered}$ | $\begin{gathered} 138 \\ (69,232) \end{gathered}$ | $\begin{gathered} 4.5 \\ (2.3,7.5) \end{gathered}$ | $\begin{gathered} 34.6 \\ (-15.0,115.4) \end{gathered}$ |
| Togo | $\begin{gathered} 50 \\ (30,79) \end{gathered}$ | $\begin{gathered} 4.7 \\ (2.9,7.2) \end{gathered}$ | $\begin{gathered} 193 \\ (90,317) \end{gathered}$ | $\begin{gathered} 6.5 \\ (3.1,10.4) \end{gathered}$ | $\begin{gathered} 37.6 \\ (-13.3,117.8) \end{gathered}$ |
| High SDI | $\begin{gathered} 201952 \\ (100677,373964) \end{gathered}$ | $\begin{gathered} 19.2 \\ (9.6,35.6) \end{gathered}$ | $\begin{gathered} 426939 \\ (208630,793277) \end{gathered}$ | $\begin{gathered} 20.6 \\ (10.2,38.4) \end{gathered}$ | $\begin{gathered} 7.5 \\ (-16.7,21.1) \end{gathered}$ |
| High-middle SDI | $\begin{gathered} 202197 \\ (97628,362548) \end{gathered}$ | $\begin{gathered} 20.8 \\ (10.2,36.8) \end{gathered}$ | $\begin{gathered} 384804 \\ (201007,702372) \end{gathered}$ | $\begin{gathered} 19.0 \\ (10.0,34.7) \end{gathered}$ | $\begin{gathered} -8.4 \\ (-30.2,8.4) \end{gathered}$ |
| Middle SDI | $\begin{gathered} 32552 \\ (24612,44742) \end{gathered}$ | $\begin{gathered} 3.9 \\ (2.9,5.4) \end{gathered}$ | $\begin{gathered} 109239 \\ (84336,147880) \end{gathered}$ | $\begin{gathered} 4.9 \\ (3.8,6.8) \end{gathered}$ | $\begin{gathered} 26.5 \\ (3.1,46.9) \end{gathered}$ |


| Low-middle SDI | 16333 <br> $(12141,23174)$ | 3.4 <br> $(2.5,4.8)$ | 62647 <br> $(48113,78309)$ | 5.2 <br> $(4.0,6.6)$ | 53.5 <br> $(19.3,81.5)$ |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Low SDI | 19334 | 9.5 |  |  |  |
|  | $(5.1,13.9)$ | $(29678,69282)$ | $(6.5,15.6)$ | $(-7.7,58.0)$ |  |

Table S7. DALYs rate (per 100000 persons) of male and female PAD patient at world bank income level in 2019 by age group. PAD= Peripheral artery disease. DALYs=disability-adjusted life-years. HICs=high-income countries. UMICs=Upper middle-income countries, LMICs=Lower middle-income countries, LICs=Low-income countries.

| DALYs rate of PAD | DALYs rate of male PAD patients in 2019 |  |  |  |  | DALYs rate of female PAD patients in 2019 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | HICs | $\underset{\mathrm{s}}{\mathrm{UMLC}}$ | LMICs | LICs | Global | HICs | $\underset{\mathbf{s}}{\text { UMLC }}$ | LMICs | LICs | Global |
| $\begin{aligned} & \text { 40-44 } \\ & \text { years } \end{aligned}$ | $\begin{gathered} 3.40 \\ (1.28, \\ 7.87) \end{gathered}$ | $\begin{array}{r} 3.31 \\ (2.17 \\ 5.42) \end{array}$ | $\begin{array}{r} 1.59 \\ (1.26 \\ 2.02) \end{array}$ | $\begin{gathered} 6.13 \\ (3.34, \\ 9.80) \end{gathered}$ | $\begin{gathered} 2.83 \\ (1.93, \\ 4.50) \end{gathered}$ | $\begin{array}{r} 3.15 \\ (1.22 \\ 6.62) \end{array}$ | $\begin{gathered} 1.66 \\ (1.02, \\ 2.57) \end{gathered}$ | $\begin{gathered} 0.69 \\ (0.48 \\ 0.87) \end{gathered}$ | $\begin{gathered} 2.31 \\ (0.54 \\ 4.14) \end{gathered}$ | $\begin{array}{r} 1.57 \\ (0.97 \\ 2.52) \end{array}$ |
| $\begin{aligned} & \text { 45-49 } \\ & \text { years } \end{aligned}$ | $\begin{gathered} 8.46 \\ (2.98, \\ 20.55) \end{gathered}$ | $\begin{gathered} 6.43 \\ (3.73, \\ 12.37) \end{gathered}$ | $\begin{gathered} 3.10 \\ (2.29 \\ 4.63) \end{gathered}$ | $\begin{aligned} & 10.59 \\ & (4.95, \\ & 17.10) \end{aligned}$ | $\begin{gathered} 5.85 \\ (3.49, \\ 10.97) \end{gathered}$ | $\begin{gathered} 5.41 \\ (2.10 \\ 11.90) \end{gathered}$ | $\begin{gathered} 2.43 \\ (1.35 \\ 4.37) \end{gathered}$ | $\begin{gathered} 0.88 \\ (0.58 \\ 1.18) \end{gathered}$ | $\begin{gathered} 2.56 \\ (0.63 \\ 5.11) \end{gathered}$ | $\begin{gathered} 2.42 \\ (1.35, \\ 4.37) \end{gathered}$ |
| 50-54 years | $\begin{aligned} & 21.98 \\ & (8.40, \\ & 49.19) \end{aligned}$ | $\begin{aligned} & 12.91 \\ & (7.54, \\ & 24.24) \end{aligned}$ | $\begin{gathered} 8.52 \\ (6.32, \\ 11.93) \end{gathered}$ | $\begin{gathered} 25.57 \\ (12.60, \\ 40.75) \end{gathered}$ | $\begin{gathered} 13.80 \\ (8.34, \\ 24.95) \end{gathered}$ | $\begin{aligned} & 14.06 \\ & (6.57, \\ & 28.12) \end{aligned}$ | $\begin{array}{r} 6.35 \\ (3.82, \\ 10.08) \end{array}$ | $\begin{gathered} 4.01 \\ (2.54, \\ 5.95) \end{gathered}$ | $\begin{gathered} 8.45 \\ (2.54, \\ 15.58) \end{gathered}$ | $\begin{array}{r} 7.13 \\ (4.33, \\ 11.64) \end{array}$ |
| $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | $\begin{gathered} 49.13 \\ (20.66 \\ 102.68) \end{gathered}$ | $\begin{gathered} 31.43 \\ (16.68, \\ 58.84) \end{gathered}$ | $\begin{gathered} 21.37 \\ (15.14 \\ 30.89) \end{gathered}$ | $\begin{gathered} 57.36 \\ (31.03, \\ 89.13) \end{gathered}$ | $\begin{gathered} 33.15 \\ (18.78, \\ 59.28) \end{gathered}$ | $\begin{gathered} 29.88 \\ (14.88 \\ 54.70) \end{gathered}$ | $\begin{aligned} & 17.11 \\ & (9.52, \\ & 28.21) \end{aligned}$ | $\begin{aligned} & 11.84 \\ & (6.70, \\ & 20.17) \end{aligned}$ | $\begin{aligned} & 18.64 \\ & (7.07, \\ & 31.33) \end{aligned}$ | $\begin{gathered} 18.25 \\ (10.31, \\ 29.15) \end{gathered}$ |
| 60-64 years | $\begin{gathered} 94.37 \\ (41.64, \\ 194.80) \end{gathered}$ | $\begin{array}{r} 56.67 \\ (30.09 \\ 109.49) \end{array}$ | $\begin{gathered} 37.69 \\ (25.60, \\ 55.75) \end{gathered}$ | $\begin{gathered} 89.80 \\ (52.09 \\ 137.49) \end{gathered}$ | $\begin{gathered} 60.88 \\ (34.46 \\ 111.12) \end{gathered}$ | $\begin{array}{r} 55.93 \\ (28.63 \\ 102.20) \end{array}$ | $\begin{gathered} 37.17 \\ (21.50, \\ 61.05) \end{gathered}$ | $\begin{gathered} 31.82 \\ (19.23, \\ 48.89) \end{gathered}$ | $\begin{gathered} 59.86 \\ (25.68, \\ 97.84) \end{gathered}$ | $\begin{gathered} 40.78 \\ (24.70, \\ 64.99) \end{gathered}$ |
| 65-69 <br> years | $\begin{aligned} & 151.60 \\ & (68.16, \\ & 314.20) \end{aligned}$ | $\begin{gathered} 84.99 \\ (47.42 \\ 161.27) \end{gathered}$ | $\begin{gathered} 62.41 \\ (42.74, \\ 94.20) \end{gathered}$ | $\begin{aligned} & 141.71 \\ & (84.76 \\ & 203.82 \end{aligned}$ | $\begin{gathered} 97.01 \\ (54.80, \\ 175.01) \end{gathered}$ | $\begin{gathered} 91.98 \\ (48.91, \\ 161.05) \end{gathered}$ | $\begin{gathered} 71.55 \\ (39.81, \\ 121.92) \end{gathered}$ | $\begin{array}{r} 52.35 \\ (30.86 \\ 86.96) \end{array}$ | $\begin{array}{r} 69.05 \\ (30.02 \\ 112.15) \end{array}$ | $\begin{gathered} 71.21 \\ (41.04, \\ 119.38) \end{gathered}$ |
| $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | $\begin{gathered} 226.03 \\ (104.02 \\ 463.67) \end{gathered}$ | $\begin{aligned} & 113.36 \\ & (65.44, \\ & 211.43) \end{aligned}$ | $\begin{gathered} 92.19 \\ (64.57, \\ 133.92) \end{gathered}$ | $\begin{gathered} 210.10 \\ (128.57, \\ 298.20) \end{gathered}$ | $\begin{gathered} 143.14 \\ (82.09 \\ 257.92) \end{gathered}$ | $\begin{gathered} 146.47 \\ (78.04 \\ 254.39) \end{gathered}$ | $\begin{aligned} & 108.84 \\ & (62.36, \\ & 184.38) \end{aligned}$ | $\begin{gathered} 80.57 \\ (47.71, \\ 133.21) \end{gathered}$ | $\begin{aligned} & 106.10 \\ & (48.28, \\ & 171.75) \end{aligned}$ | $\begin{aligned} & 112.41 \\ & \text { (65.72, } \\ & 181.28) \end{aligned}$ |
| $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | $\begin{array}{r} 328.23 \\ (143.45 \\ 673.22) \end{array}$ | $\begin{aligned} & 135.84 \\ & (80.17, \\ & 239.73) \end{aligned}$ | $\begin{aligned} & 115.40 \\ & (79.91, \\ & 171.70) \end{aligned}$ | $\begin{gathered} 264.08 \\ (157.54, \\ 381.26) \end{gathered}$ | $\begin{array}{r} 195.69 \\ (106.54 \\ 355.02) \end{array}$ | $\begin{gathered} 218.18 \\ (111.15, \\ 395.58) \end{gathered}$ | $\begin{gathered} 162.07 \\ (91.99 \\ 266.79) \end{gathered}$ | $\begin{aligned} & 120.16 \\ & (72.06 \\ & 200.87) \end{aligned}$ | $\begin{aligned} & 151.91 \\ & (65.13 \\ & 241.91) \end{aligned}$ | $\begin{aligned} & 169.45 \\ & (99.32, \\ & 275.11) \end{aligned}$ |
| 80-84 <br> years | $\begin{gathered} \hline 458.94 \\ (200.61, \\ 1,017.4 \\ 8) \\ \hline \end{gathered}$ | $\begin{gathered} 196.81 \\ (113.69 \\ 359.24) \end{gathered}$ | $\begin{gathered} 165.80 \\ (112.92, \\ 248.42) \end{gathered}$ | $\begin{gathered} 318.49 \\ (193.70 \\ 450.32) \end{gathered}$ | $\begin{gathered} 284.47 \\ (150.92, \\ 549.49) \end{gathered}$ | $\begin{gathered} 340.99 \\ (161.41, \\ 661.20) \end{gathered}$ | $\begin{gathered} 238.72 \\ (137.81, \\ 391.34) \end{gathered}$ | $\begin{gathered} 181.02 \\ (113.67 \\ 280.89) \end{gathered}$ | $\begin{aligned} & 218.43 \\ & (91.26 \\ & 347.01) \end{aligned}$ | $\begin{gathered} 261.96 \\ (147.31, \\ 443.92) \end{gathered}$ |
| $\begin{aligned} & \mathbf{8 5 - 8 9} \\ & \text { years } \end{aligned}$ | $\begin{gathered} 624.07 \\ (263.80, \\ 1,404.0 \\ 7) \\ \hline \end{gathered}$ | $\begin{gathered} 249.90 \\ (147.83, \\ 460.81) \end{gathered}$ | $\begin{gathered} 181.92 \\ (123.98 \\ 263.40) \end{gathered}$ | $\begin{gathered} 349.80 \\ (213.54, \\ 500.15) \end{gathered}$ | $\begin{gathered} 393.62 \\ (197.08, \\ 802.49) \end{gathered}$ | $\begin{gathered} 491.26 \\ (229.46 \\ 961.64) \end{gathered}$ | $\begin{gathered} 285.58 \\ (170.34, \\ 469.92) \end{gathered}$ | $\begin{gathered} 223.06 \\ (142.54, \\ 340.94) \end{gathered}$ | $\begin{gathered} 264.19 \\ (112.06 \\ 411.20) \end{gathered}$ | $\begin{array}{r} 363.22 \\ (199.65 \\ 646.11) \end{array}$ |
| $\begin{aligned} & \mathbf{9 0 - 9 4} \\ & \text { years } \end{aligned}$ | $\begin{gathered} \hline 774.74 \\ (318.20, \\ 1,689.0 \\ 1) \\ \hline \end{gathered}$ | $\begin{gathered} 379.07 \\ (205.56, \\ 727.53) \end{gathered}$ | $\begin{gathered} 239.06 \\ (165.68 \\ 344.75) \end{gathered}$ | $\begin{array}{r} 434.80 \\ (259.01, \\ 643.19) \end{array}$ | $\begin{gathered} 553.78 \\ (263.58, \\ 1,134.7 \\ 3) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 712.97 \\ (322.07, \\ 1,419.5 \\ 0) \\ \hline \end{gathered}$ | $\begin{gathered} 403.29 \\ (230.27 \\ 702.87) \end{gathered}$ | $\begin{gathered} 317.07 \\ (206.83, \\ 482.34) \end{gathered}$ | $\begin{array}{r} 329.96 \\ (133.27 \\ 515.25) \end{array}$ | $\begin{gathered} 552.28 \\ (286.95, \\ 1,021.0 \\ 6) \\ \hline \end{gathered}$ |
| $\begin{gathered} \text { total } \\ (>40 \\ \text { years) } \end{gathered}$ | $\begin{gathered} 29.38 \\ (13.11 \\ 61.40) \end{gathered}$ | $\begin{aligned} & 10.42 \\ & (6.11, \\ & 19.24) \end{aligned}$ | $\begin{array}{r} 5.82 \\ (4.14 \\ 8.40) \end{array}$ | $\begin{aligned} & 10.64 \\ & (6.58 \\ & 14.69) \end{aligned}$ | $\begin{gathered} 12.64 \\ (7.20, \\ 23.16) \end{gathered}$ | $\begin{gathered} 26.37 \\ (13.26, \\ 47.89) \end{gathered}$ | $\begin{aligned} & 10.98 \\ & (6.65, \\ & 17.54) \end{aligned}$ | $\begin{gathered} 5.70 \\ (3.60 \\ 8.59) \end{gathered}$ | $\begin{array}{r} 6.17 \\ (2.65 \\ 9.74) \end{array}$ | $\begin{aligned} & 12.09 \\ & (7.28, \\ & 19.13) \end{aligned}$ |

Table S8. Mortality rate (per 100000 persons) of male and female PAD patient at world bank income level in 2019 by age group. PAD= Peripheral artery disease. UMICs=Upper middleincome countries, LMICs=Lower middle-income countries, LICs=Low-income countries.

| Mortali ty rate of PAD | Mortality rate of male PAD patients in 2019 |  |  |  |  | Mortality rate of female PAD patients in 2019 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | HICs | UMLC S | LMICs | LICs | Global | HICs | UMLC s | LMICs | LICs | Global |
| $\begin{aligned} & \text { 40-44 } \\ & \text { years } \end{aligned}$ | $\begin{gathered} 0.07 \\ (0.03, \\ 0.17) \end{gathered}$ | $\begin{gathered} 0.07 \\ (0.05 \\ 0.12) \end{gathered}$ | $\begin{gathered} 0.03 \\ (0.03 \\ 0.04) \end{gathered}$ | $\begin{gathered} 0.13 \\ (0.07 \\ 0.21) \end{gathered}$ | $\begin{gathered} 0.06 \\ (0.04 \\ 0.10) \end{gathered}$ | $\begin{gathered} 0.07 \\ (0.03 \\ 0.14) \end{gathered}$ | $\begin{gathered} 0.04 \\ (0.02 \\ 0.05) \end{gathered}$ | $\begin{gathered} 0.01 \\ (0.01 \\ 0.02) \end{gathered}$ | $\begin{gathered} 0.05 \\ (0.01, \\ 0.09) \end{gathered}$ | $\begin{gathered} 0.03 \\ (0.02 \\ 0.05) \end{gathered}$ |
| $45-49$ <br> years | $\begin{gathered} 0.20 \\ (0.07 \\ 0.49) \end{gathered}$ | $\begin{gathered} 0.15 \\ (0.09 \\ 0.29) \end{gathered}$ | $\begin{gathered} 0.07 \\ (0.05 \\ 0.11) \end{gathered}$ | $\begin{gathered} 0.25 \\ (0.12, \\ 0.41) \end{gathered}$ | $\begin{gathered} 0.14 \\ (0.08 \\ 0.26) \end{gathered}$ | $\begin{gathered} 0.13 \\ (0.05 \\ 0.28) \end{gathered}$ | $\begin{gathered} 0.06 \\ (0.03 \\ 0.10) \end{gathered}$ | $\begin{gathered} 0.02 \\ (0.01, \\ 0.03) \end{gathered}$ | $\begin{gathered} 0.06 \\ (0.01 \\ 0.12) \end{gathered}$ | $\begin{gathered} 0.06 \\ (0.03 \\ 0.10) \end{gathered}$ |
| 50-54 <br> years | $\begin{gathered} 0.55 \\ (0.18 \\ 1.28) \end{gathered}$ | $\begin{gathered} 0.32 \\ (0.18 \\ 0.62) \end{gathered}$ | $\begin{gathered} 0.20 \\ (0.14 \\ 0.28) \end{gathered}$ | $\begin{gathered} 0.65 \\ (0.30, \\ 1.06) \end{gathered}$ | $\begin{gathered} 0.34 \\ (0.19 \\ 0.63) \end{gathered}$ | $\begin{gathered} 0.31 \\ (0.11 \\ 0.68) \end{gathered}$ | $\begin{gathered} 0.11 \\ (0.06 \\ 0.21) \end{gathered}$ | $\begin{gathered} 0.06 \\ (0.04 \\ 0.09) \end{gathered}$ | $\begin{gathered} 0.18 \\ (0.03 \\ 0.38) \end{gathered}$ | $\begin{gathered} 0.14 \\ (0.07 \\ 0.25) \end{gathered}$ |
| $\begin{aligned} & \mathbf{5 5 - 5 9} \\ & \text { years } \end{aligned}$ | $\begin{gathered} 1.26 \\ (0.41, \\ 2.95) \end{gathered}$ | $\begin{gathered} 0.83 \\ (0.41, \\ 1.67) \end{gathered}$ | $\begin{gathered} 0.49 \\ (0.35 \\ 0.73) \end{gathered}$ | $\begin{gathered} 1.58 \\ (0.77 \\ 2.56) \end{gathered}$ | $\begin{gathered} 0.84 \\ (0.45, \\ 1.62) \end{gathered}$ | $\begin{gathered} 0.62 \\ (0.22, \\ 1.37) \end{gathered}$ | $\begin{gathered} 0.24 \\ (0.12, \\ 0.44) \end{gathered}$ | $\begin{gathered} 0.12 \\ (0.07 \\ 0.18) \end{gathered}$ | $\begin{gathered} 0.34 \\ (0.06 \\ 0.68) \end{gathered}$ | $\begin{gathered} 0.29 \\ (0.14 \\ 0.55) \end{gathered}$ |
| 60-64 years | $\begin{array}{r} 2.70 \\ (0.92 \\ 6.49) \end{array}$ | $\begin{gathered} 1.65 \\ (0.75 \\ 3.54) \end{gathered}$ | $\begin{array}{r} 0.90 \\ (0.61 \\ 1.47) \end{array}$ | $\begin{gathered} 2.73 \\ (1.38 \\ 4.35) \end{gathered}$ | $\begin{gathered} 1.71 \\ (0.84 \\ 3.50) \end{gathered}$ | $\begin{gathered} 1.28 \\ (0.44 \\ 2.83) \end{gathered}$ | $\begin{gathered} 0.52 \\ (0.24 \\ 1.04) \end{gathered}$ | $\begin{gathered} 0.47 \\ (0.26 \\ 0.67) \end{gathered}$ | $\begin{gathered} 1.51 \\ (0.36 \\ 2.83) \end{gathered}$ | $\begin{gathered} 0.72 \\ (0.38 \\ 1.34) \end{gathered}$ |
| 65-69 <br> years | 5.02 (1.66, 11.76) | $\begin{gathered} 2.76 \\ (1.29 \\ 5.93) \end{gathered}$ | $\begin{gathered} 1.65 \\ (1.13 \\ 2.69) \end{gathered}$ | $\begin{gathered} 4.96 \\ (2.55 \\ 7.45) \end{gathered}$ | $\begin{gathered} 3.08 \\ (1.49 \\ 6.35) \end{gathered}$ | $\begin{gathered} 2.28 \\ (0.84 \\ 4.98) \end{gathered}$ | $\begin{gathered} 1.06 \\ (0.53 \\ 2.05) \end{gathered}$ | $\begin{gathered} 0.66 \\ (0.44 \\ 1.03) \end{gathered}$ | $\begin{gathered} 1.49 \\ (0.28 \\ 2.92) \end{gathered}$ | $\begin{gathered} 1.27 \\ (0.63 \\ 2.48) \end{gathered}$ |
| $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | $\begin{gathered} 9.18 \\ (3.08, \\ 21.20) \end{gathered}$ | $\begin{gathered} 4.32 \\ (2.11, \\ 9.04) \end{gathered}$ | $\begin{gathered} 2.91 \\ (2.05, \\ 4.36) \end{gathered}$ | $\begin{gathered} 8.91 \\ (5.01 \\ 13.00) \end{gathered}$ | $\begin{array}{r} 5.49 \\ (2.71 \\ 11.20 \end{array}$ | $\begin{gathered} 4.48 \\ (1.59 \\ 9.60) \end{gathered}$ | $\begin{gathered} 1.81 \\ (0.88 \\ 3.43) \end{gathered}$ | $\begin{gathered} 1.17 \\ (0.75, \\ 1.71) \end{gathered}$ | $\begin{gathered} 2.70 \\ (0.53, \\ 4.94) \end{gathered}$ | $\begin{gathered} 2.45 \\ (1.10 \\ 4.76) \end{gathered}$ |
| 75-79 <br> years | $\begin{aligned} & 17.73 \\ & (5.99 \\ & 40.74) \end{aligned}$ | $\begin{gathered} 6.45 \\ (3.31, \\ 12.85) \end{gathered}$ | $\begin{gathered} 4.55 \\ (3.19 \\ 6.87) \end{gathered}$ | $\begin{aligned} & 14.10 \\ & (7.72 \\ & 21.06) \end{aligned}$ | $\begin{gathered} 9.78 \\ (4.61 \\ 20.07) \end{gathered}$ | $\begin{gathered} 9.42 \\ (3.38 \\ 20.96) \end{gathered}$ | $\begin{gathered} 4.28 \\ (2.11, \\ 8.56) \end{gathered}$ | $\begin{gathered} 2.98 \\ (1.95 \\ 4.64) \end{gathered}$ | $\begin{gathered} 5.29 \\ (1.02 \\ 10.06) \end{gathered}$ | $\begin{array}{r} 5.66 \\ (2.63, \\ 11.51) \end{array}$ |
| 80-84 <br> years | $\begin{gathered} 33.43 \\ (11.38 \\ 82.07) \end{gathered}$ | $\begin{aligned} & 12.93 \\ & (6.44, \\ & 26.42) \end{aligned}$ | $\begin{gathered} 9.27 \\ (6.20 \\ 14.42) \end{gathered}$ | $\begin{gathered} 21.98 \\ (12.46, \\ 31.93) \end{gathered}$ | $\begin{aligned} & 19.49 \\ & (8.69 \\ & 42.89) \end{aligned}$ | $\begin{aligned} & 21.49 \\ & (7.36 \\ & 48.83) \end{aligned}$ | $\begin{aligned} & 10.47 \\ & (4.90, \\ & 22.21) \end{aligned}$ | $\begin{gathered} 7.56 \\ (4.51, \\ 11.82) \end{gathered}$ | $\begin{aligned} & 11.10 \\ & (2.25, \\ & 19.63) \end{aligned}$ | $\begin{aligned} & 13.77 \\ & (5.93, \\ & 28.94) \end{aligned}$ |
| 85-89 <br> years | $\begin{gathered} 61.03 \\ (21.44 \\ 148.58) \end{gathered}$ | $\begin{gathered} 21.77 \\ (11.50 \\ 44.73) \end{gathered}$ | $\begin{aligned} & 12.55 \\ & (8.62 \\ & 19.15) \end{aligned}$ | $\begin{gathered} 30.85 \\ (17.23 \\ 45.40) \end{gathered}$ | $\begin{gathered} 36.38 \\ (15.78, \\ 82.38) \end{gathered}$ | $\begin{gathered} 43.35 \\ (14.85 \\ 96.95) \end{gathered}$ | $\begin{aligned} & 17.74 \\ & (8.49, \\ & 36.49) \end{aligned}$ | $\begin{aligned} & 12.81 \\ & (7.76, \\ & 19.83) \end{aligned}$ | $\begin{aligned} & 18.07 \\ & (3.71 \\ & 32.49) \end{aligned}$ | $\begin{gathered} 27.96 \\ (11.53, \\ 58.74) \end{gathered}$ |
| $90-94$ <br> years | $\begin{gathered} 98.53 \\ (33.33 \\ 233.07) \end{gathered}$ | $\begin{gathered} 44.54 \\ (20.90 \\ 95.00) \end{gathered}$ | $\begin{gathered} 22.78 \\ (15.29 \\ 34.59) \end{gathered}$ | $\begin{array}{r} 50.52 \\ (27.34, \\ 77.65) \end{array}$ | $\begin{gathered} 67.82 \\ (27.91, \\ 152.39) \end{gathered}$ | $\begin{gathered} 86.06 \\ (29.87, \\ \text { 182.08) } \end{gathered}$ | $\begin{gathered} 39.02 \\ (17.68 \\ 80.30) \end{gathered}$ | $\begin{gathered} 28.36 \\ (17.27 \\ 47.22) \end{gathered}$ | $\begin{gathered} 31.45 \\ (6.63, \\ 55.64) \end{gathered}$ | $\begin{gathered} 62.03 \\ (24.38 \\ 126.13) \end{gathered}$ |
| total ( $>40$ years) | $\begin{array}{r} 4.59 \\ (1.61, \\ 10.74) \end{array}$ | $\begin{gathered} 1.09 \\ (0.55 \\ 2.22) \end{gathered}$ | $\begin{gathered} 0.46 \\ (0.32 \\ 0.70) \end{gathered}$ | $\begin{gathered} 0.92 \\ (0.52 \\ 1.27) \end{gathered}$ | $\begin{gathered} 1.48 \\ (0.69 \\ 3.11) \end{gathered}$ | $\begin{gathered} 4.82 \\ (1.70 \\ 10.52) \end{gathered}$ | $\begin{gathered} 0.93 \\ (0.44 \\ 1.87) \end{gathered}$ | $\begin{gathered} 0.35 \\ (0.23 \\ 0.54) \end{gathered}$ | $\begin{gathered} 0.45 \\ (0.09 \\ 0.83) \end{gathered}$ | $\begin{gathered} 1.39 \\ (0.60 \\ 2.87) \end{gathered}$ |

Table S9. Prevalence rate (per 100000 persons) of male and female PAD patient at world bank income level in 2019 by age group. $\mathrm{PAD}=$ Peripheral artery disease. HICs=high-income countries. UMICs=Upper middle-income countries, LMICs=Lower middle-income countries, LICs=Low-income countries.

| Prevale nce rate of PAD | Prevalence rate of male PAD patients in 2019 |  |  |  |  | Prevalence rate of female PAD patients in 2019 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | HICs | UMLC <br> S | LMICs | LICs | Global | HICs | UMLC <br> S | LMICs | LICs | Global |
| 40-44 <br> years | $\begin{gathered} 476.67 \\ (361.81, \\ 618.48) \end{gathered}$ | $\begin{gathered} 308.44 \\ (227, \\ 411.98) \end{gathered}$ | $\begin{aligned} & 300.48 \\ & (219.9, \\ & 401.32) \end{aligned}$ | $\begin{gathered} 279.74 \\ (203.25, \\ 373.17) \end{gathered}$ | $\begin{gathered} 332.32 \\ (245.59, \\ 439.62) \end{gathered}$ | $\begin{aligned} & 1225.99 \\ & (950.36, \\ & 1544.51) \end{aligned}$ | $\begin{gathered} 598.9 \\ (442.59, \\ 774.72) \end{gathered}$ | $\begin{aligned} & 432.89 \\ & (316.36, \\ & 571.03) \end{aligned}$ | $\begin{aligned} & 355.35 \\ & (258.92, \\ & 472.22) \end{aligned}$ | $\begin{aligned} & 621.11 \\ & (468.32, \\ & 805.97) \end{aligned}$ |
| $45-49$ <br> years | $\begin{gathered} 991.86 \\ (792.49, \\ 1213.95) \end{gathered}$ | $\begin{gathered} 670.17 \\ (521.03, \\ 841.9) \end{gathered}$ | $\begin{gathered} 656.22 \\ (509.78, \\ 827.73) \end{gathered}$ | $\begin{gathered} 619.63 \\ (477.27, \\ 780.75) \end{gathered}$ | $\begin{gathered} 720.01 \\ (563.58, \\ 900.6) \end{gathered}$ | $\begin{gathered} 2068.94 \\ (1684.43, \\ 2481.61) \end{gathered}$ | $\begin{gathered} 1450.82 \\ (1120.72, \\ 1824.83) \end{gathered}$ | $\begin{gathered} 987.46 \\ (761.3, \\ 1244) \end{gathered}$ | $\begin{gathered} 812.94 \\ (624.54, \\ 1023.86) \end{gathered}$ | $\begin{gathered} 1361.61 \\ (1074.07, \\ 1679.39) \end{gathered}$ |
| 50-54 years | $\begin{gathered} 1810.13 \\ (1429.98, \\ 2231.66) \end{gathered}$ | $\begin{aligned} & 1201.94 \\ & (921.31, \\ & 1526.98) \end{aligned}$ | $\begin{aligned} & 1185.15 \\ & (904.62, \\ & 1513.22) \end{aligned}$ | $\begin{aligned} & 1119.94 \\ & (852.85, \\ & 1435.31) \end{aligned}$ | $\begin{gathered} 1307.68 \\ (1008.97, \\ 1653.38) \end{gathered}$ | $\begin{gathered} 2974.64 \\ (2389.21, \\ 3626.58) \end{gathered}$ | $\begin{gathered} 2765.72 \\ (2105.13, \\ 3576.12) \end{gathered}$ | $\begin{gathered} 1835.83 \\ (1394.05, \\ 2368.8) \end{gathered}$ | $\begin{gathered} \text { 1511.71 } \\ (1147.16, \\ 1947.21) \end{gathered}$ | $\begin{gathered} 2448.68 \\ (1888.76, \\ 3102.94) \end{gathered}$ |
| 55-59 years | $\begin{gathered} 3089.05 \\ (2526.08, \\ 3646.83) \end{gathered}$ | $\begin{aligned} & 1875.03 \\ & (1480.55, \\ & 2267.96) \end{aligned}$ | $\begin{aligned} & 1871.35 \\ & (1474.47, \\ & 2272.73) \end{aligned}$ | $\begin{gathered} 1765.62 \\ (1382.79, \\ 2137.84) \end{gathered}$ | $\begin{gathered} 2132.01 \\ (1701.97, \\ 2566.04) \end{gathered}$ | $\begin{gathered} 4097.07 \\ (3348.88 \\ 4860.65) \end{gathered}$ | $\begin{gathered} 4287.99 \\ (3340.19, \\ 5225.06) \end{gathered}$ | $\begin{gathered} 2948.6 \\ (2309.33, \\ 3581.85) \end{gathered}$ | $\begin{gathered} 2410.91 \\ (1885.47, \\ 2945.61) \end{gathered}$ | $\begin{gathered} 3744.99 \\ (2967.44, \\ 4509.31) \end{gathered}$ |
| 60-64 years | $\begin{aligned} & 4804.04 \\ & (3905.01, \\ & 5802.85) \end{aligned}$ | $\begin{gathered} 2669.15 \\ (2117.11, \\ 3263.82) \end{gathered}$ | $\begin{gathered} 2673.41 \\ (2120.19, \\ 3296.87) \end{gathered}$ | $\begin{gathered} 2566.6 \\ (2021.8, \\ 3165.38) \end{gathered}$ | $\begin{gathered} 3161.94 \\ (2530.89, \\ 3859.06) \end{gathered}$ | 5737.17 <br> (4705.06, 6856.42) | $\begin{gathered} 6118 \\ (4780.12, \\ 7464.96) \end{gathered}$ | $\begin{gathered} 4288.2 \\ (3365.38, \\ 5267.36) \end{gathered}$ | $\begin{gathered} 3552.33 \\ (2791.65, \\ 4402.26) \end{gathered}$ | $\begin{gathered} 5375.07 \\ (4255.67, \\ 6510.99) \end{gathered}$ |
| 65-69 years | $\begin{gathered} 7288.43 \\ (6040.72, \\ 8646.65) \end{gathered}$ | $\begin{aligned} & 3726.13 \\ & (3046.52, \\ & 4543.76) \end{aligned}$ | $\begin{gathered} 3804.88 \\ (3095.29, \\ 4646.59) \end{gathered}$ | $\begin{gathered} 3748.07 \\ (3022.29, \\ 4603.04) \end{gathered}$ | 4634.49 (3800.36, 5610.01) | $\begin{gathered} 8984.76 \\ (7459.69 \\ 10615.08) \end{gathered}$ | $\begin{gathered} 8781.77 \\ (7134.84, \\ 10665.53) \end{gathered}$ | $\begin{gathered} 6267.08 \\ (5084.66, \\ 7658.75) \end{gathered}$ | $\begin{gathered} 5284.22 \\ (4260.36, \\ 6473.18) \end{gathered}$ | $\begin{gathered} 8011.52 \\ (6583.39, \\ 9646.16) \end{gathered}$ |
| 70-74 years | $\begin{aligned} & 10266.12 \\ & (8251.89, \\ & 12476.05) \end{aligned}$ | $\begin{gathered} 5011.73 \\ (3926.73, \\ 6180.02) \end{gathered}$ | $\begin{gathered} 5225.31 \\ (4075.14, \\ 6488.1) \end{gathered}$ | $\begin{gathered} 5265.9 \\ (4070.97, \\ 6570.2) \end{gathered}$ | $\begin{gathered} 6586.78 \\ (5226.11, \\ 8055.36) \end{gathered}$ | $\begin{gathered} 13367.62 \\ (10688.56 \\ , \\ 16290.41) \end{gathered}$ | $\begin{aligned} & 11762.61 \\ & (9252.93, \\ & 14545.61) \end{aligned}$ | $\begin{gathered} 8770.93 \\ (6820.89, \\ 10889.23) \end{gathered}$ | $\begin{aligned} & 7627.57 \\ & (5907.8, \\ & 9544.08) \end{aligned}$ | $\begin{gathered} 11316.4 \\ (8945.28, \\ 13891.09) \end{gathered}$ |
| $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | $\begin{gathered} 12957.18 \\ (10664.21 \\ , \\ 15404.94) \end{gathered}$ | $\begin{gathered} 6348.97 \\ (5114.47, \\ 7686.21) \end{gathered}$ | 6770.05 (5469.88, 8206.42) | $\begin{gathered} 6861.65 \\ (5555.78, \\ 8283.74) \end{gathered}$ | $\begin{gathered} 8577.22 \\ (6977.68, \\ 10285.78) \end{gathered}$ | $\begin{aligned} & 17629.94 \\ & (14572.6, \\ & 21092.22) \end{aligned}$ | $\begin{gathered} 14632.99 \\ (11828.59 \\ , \\ 17691.01) \end{gathered}$ | $\begin{gathered} 11378.2 \\ (9138.09, \\ 13789.41) \end{gathered}$ | $\begin{aligned} & 10061.04 \\ & (8053.13, \\ & 12258.68) \end{aligned}$ | $\begin{gathered} 14641.67 \\ (11879.77 \\ 17657.93) \end{gathered}$ |
| 80-84 years | $\begin{gathered} 15373.93 \\ (12953.72 \\ 18292.95) \end{gathered}$ | $\begin{gathered} 7702.91 \\ (6299.31, \\ 9411.96) \end{gathered}$ | 8366.09 (6835.55, 10267.04) | $\begin{gathered} 8455.66 \\ (6912.24, \\ 10378.84) \end{gathered}$ | $\begin{aligned} & 10555.47 \\ & (8777.92, \\ & 12755.76) \end{aligned}$ | 21543.51 (18078.95 , 25543) | $\begin{gathered} 17471.9 \\ (14320.48 \\ 21154.61) \end{gathered}$ | $\begin{gathered} 14012.11 \\ (11484.14 \\ , \\ 17015.63) \end{gathered}$ | 12338.18 (10111.26 15087) | $\begin{gathered} 18028.44 \\ (15012.72 \\ 21631.97) \end{gathered}$ |
| 85-89 <br> years | $\begin{gathered} 17315.04 \\ (14663.16 \\ 20358.57) \end{gathered}$ | $\begin{gathered} 9185.54 \\ (7567.15, \\ 10988.89) \end{gathered}$ | $\begin{gathered} 9837.12 \\ (8126.3, \\ 11772.05) \end{gathered}$ | $\begin{gathered} 9880.72 \\ (8124.7, \\ 11817.86) \end{gathered}$ | $\begin{gathered} 12722.2 \\ (10687.32 \\ , \\ 15045.47) \end{gathered}$ | $\begin{gathered} 24593.05 \\ (20810.37 \\ 29013.42) \end{gathered}$ | $\begin{gathered} 19162 \\ (15856.93 \\ , 23017.9) \end{gathered}$ | $\begin{gathered} 15817.14 \\ (13083.13 \\ , \\ 18840.01) \end{gathered}$ | $\begin{gathered} 13963.07 \\ (11458.31 \\ 16692.92) \end{gathered}$ | $\begin{gathered} 20824.09 \\ (17439.86 \\ 24726.07) \end{gathered}$ |
| $\begin{aligned} & \mathbf{9 0 - 9 4} \\ & \text { years } \end{aligned}$ | $\begin{gathered} 18903.8 \\ (16202.16 \\ 21950.13) \end{gathered}$ | 11328.99 (9362.27, 13548.97) | 11212.84 (9212.37, 13401.34) | 11180.99 (9257.63, 13368.93) | $\begin{gathered} 15159.52 \\ (12793.11 \\ 17760.85) \end{gathered}$ | $\begin{gathered} 26801.02 \\ (22938.83 \\ 31046.67) \end{gathered}$ | $\begin{gathered} 20350.53 \\ (17076.29 \\ , \\ 24083.94) \end{gathered}$ | $\begin{gathered} 17374.92 \\ (14579.18 \\ 20575.81) \end{gathered}$ | $\begin{gathered} 15108.66 \\ (12564.96 \\ 17990.35) \end{gathered}$ | 23236.74 (19774.84 27126.1) |
| $\begin{gathered} \hline \text { All } \\ \text { ages } \\ (>40 \\ \text { years }) \end{gathered}$ | $\begin{gathered} 2548.31 \\ (2228.35, \\ 2878.98) \end{gathered}$ | $\begin{gathered} 930.9 \\ (800.45, \\ 1069.99) \end{gathered}$ | $\begin{gathered} 542.88 \\ (466.83, \\ 621.32) \end{gathered}$ | $\begin{gathered} 303.43 \\ (261.16, \\ 349.29) \end{gathered}$ | $\begin{gathered} 962.38 \\ (837.8, \\ 1098.87) \end{gathered}$ | $\begin{gathered} 4330.25 \\ (3805.53, \\ 4852.23) \end{gathered}$ | $\begin{aligned} & 2481.06 \\ & (2149.72, \\ & 2833.22) \end{aligned}$ | $\begin{aligned} & 983.22 \\ & \text { (853.32, } \\ & 1123.37) \end{aligned}$ | $\begin{gathered} 486.04 \\ (418.25, \\ 556.15) \end{gathered}$ | $\begin{gathered} 1973.12 \\ (1726.63, \\ 2234.45) \end{gathered}$ |

Table S10. Incidence rate (per 100000 persons) of male and female PAD patient at world bank income level in 2019 by age group. $\mathrm{PAD}=$ Peripheral artery disease. HICs=high-income countries. UMICs=Upper middle-income countries, LMICs=Lower middle-income countries, LICs=Low-income countries.

| Inciden ce rate of PAD | Incidence rate of male PAD patients in 2019 |  |  |  |  | Incidence rate of female PAD patients in 2019 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | HICs | $\underset{\mathbf{s}}{\text { UMLC }}$ | LMICs | LICs | Global | HICs | $\underset{\mathbf{s}}{\mathbf{U M L C}}$ | LMICs | LICs | Global |
| 40-44 years | $\begin{gathered} 81.31 \\ (64.83, \\ 99 \end{gathered}$ | $\begin{gathered} 55.39 \\ (42.87, \\ 69.73) \end{gathered}$ | $\begin{gathered} 54.54 \\ (42.21, \\ 68.81) \end{gathered}$ | $\begin{gathered} 51.23 \\ (39.41, \\ 64.73) \end{gathered}$ | $\begin{gathered} 59.23 \\ (46.36 \\ 74.24) \end{gathered}$ | $\begin{gathered} 165.40 \\ (135.15, \\ 198.21) \end{gathered}$ | $\begin{aligned} & 116.67 \\ & (90.05, \\ & 147.57) \end{aligned}$ | $\begin{gathered} 81.78 \\ (62.94, \\ 103.58) \end{gathered}$ | $\begin{gathered} 66.01 \\ (50.60, \\ 83.26) \end{gathered}$ | $\begin{aligned} & 107.77 \\ & (84.52, \\ & 133.86) \end{aligned}$ |
| $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | $\begin{aligned} & 127.06 \\ & (85.04, \\ & 176.02) \end{aligned}$ | $\begin{gathered} 92.34 \\ (61.44, \\ 128.05) \end{gathered}$ | $\begin{gathered} 91.60 \\ (60.20 \\ 128.32) \end{gathered}$ | $\begin{gathered} 87.68 \\ (57.72, \\ 123.53) \end{gathered}$ | $\begin{gathered} 98.03 \\ (65.24, \\ 136.31) \end{gathered}$ | $\begin{gathered} 170.93 \\ (114.32, \\ 240.50) \end{gathered}$ | $\begin{gathered} 219.15 \\ (142.86, \\ 308.17) \end{gathered}$ | $\begin{aligned} & 143.93 \\ & (94.89, \\ & 202.31) \end{aligned}$ | $\begin{aligned} & 116.79 \\ & (75.97, \\ & 165.21) \end{aligned}$ | $\begin{gathered} 178.75 \\ (117.65, \\ 250.84) \end{gathered}$ |
| 50-54 years | $\begin{gathered} 225.69 \\ (172.29, \\ 277.56) \end{gathered}$ | $\begin{gathered} 141.86 \\ (105.94, \\ 177.91) \end{gathered}$ | $\begin{gathered} 144.42 \\ (107.30 \\ 181.10) \end{gathered}$ | $\begin{gathered} 140.84 \\ (104.82, \\ 177.01) \end{gathered}$ | $\begin{gathered} 158.47 \\ (119.25, \\ 197.33) \end{gathered}$ | $\begin{gathered} 223.98 \\ (158.69, \\ 293.79) \end{gathered}$ | $\begin{gathered} 329.67 \\ (244.65, \\ 416.24) \end{gathered}$ | $\begin{gathered} 226.32 \\ (167.47, \\ 285.85) \end{gathered}$ | $\begin{gathered} 190.95 \\ (142.37, \\ 240.40) \end{gathered}$ | $\begin{gathered} 270.51 \\ (198.70, \\ 342.69) \end{gathered}$ |
| $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | $\begin{gathered} 374.66 \\ (250.13, \\ 499.94) \end{gathered}$ | $\begin{gathered} 203.47 \\ (133.46, \\ 278.92) \end{gathered}$ | $\begin{gathered} 211.92 \\ (136.51, \\ 292.96) \end{gathered}$ | $\begin{gathered} 208.58 \\ (135.50 \\ 288.20) \end{gathered}$ | $\begin{aligned} & 243.39 \\ & (159.92, \\ & 332.68) \end{aligned}$ | $\begin{gathered} 323.48 \\ (199.27, \\ 462.54) \end{gathered}$ | $\begin{gathered} 435.89 \\ (263.11, \\ 613.02) \end{gathered}$ | $\begin{gathered} 327.87 \\ (201.01, \\ 458.51) \end{gathered}$ | $\begin{gathered} 283.18 \\ (177.08, \\ 399.66) \end{gathered}$ | $\begin{gathered} 371.30 \\ (225.60, \\ 522.31) \end{gathered}$ |
| 60-64 years | $\begin{gathered} 594.70 \\ (471.41, \\ 729.22) \end{gathered}$ | $\begin{gathered} 291.05 \\ (220.34, \\ 369.35) \end{gathered}$ | $\begin{gathered} 311.36 \\ (233.77, \\ 394.46) \end{gathered}$ | $\begin{gathered} 313.25 \\ (235.39, \\ 398.04) \end{gathered}$ | $\begin{gathered} 368.53 \\ (285.34, \\ 460.65) \end{gathered}$ | $\begin{gathered} 624.59 \\ (480.69, \\ 785.35) \end{gathered}$ | $\begin{gathered} 624.97 \\ (461.03, \\ 806.57) \end{gathered}$ | $\begin{gathered} 496.29 \\ (371.04, \\ 634.33) \end{gathered}$ | $\begin{gathered} 438.69 \\ (328.72, \\ 558.39) \end{gathered}$ | $\begin{gathered} 578.64 \\ (433.04, \\ 738.67) \end{gathered}$ |
| $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | $\begin{gathered} 860.96 \\ (598.62, \\ 1,144.2 \\ 8) \end{gathered}$ | $\begin{gathered} 397.46 \\ (268.23, \\ 555.10) \end{gathered}$ | $\begin{gathered} 438.81 \\ (295.10, \\ 614.66) \end{gathered}$ | $\begin{gathered} 451.60 \\ (298.97, \\ 625.81) \end{gathered}$ | $\begin{gathered} 526.21 \\ (360.71, \\ 720.55) \end{gathered}$ | $\begin{gathered} \hline 1,091.7 \\ 7 \\ (751.95, \\ 1,468.2 \\ 0) \\ \hline \end{gathered}$ | $\begin{gathered} 885.46 \\ (582.24, \\ 1,260.1 \end{gathered}$ <br> 1) | $\begin{gathered} 721.25 \\ (482.06, \\ 1,011.7 \\ 5) \end{gathered}$ | $\begin{gathered} 647.87 \\ (428.44, \\ 910.82) \end{gathered}$ | $\begin{gathered} 882.99 \\ (593.71, \\ 1,228.6 \\ 1) \end{gathered}$ |
| 70-74 years | $\begin{gathered} 959.53 \\ (738.96, \\ 1,220.2 \\ 6) \end{gathered}$ | $\begin{gathered} 473.64 \\ (343.61, \\ 617.27) \end{gathered}$ | $\begin{gathered} 531.27 \\ (386.56, \\ 686.02) \end{gathered}$ | $\begin{gathered} 555.39 \\ (405.69, \\ 718.00) \end{gathered}$ | $\begin{gathered} 631.27 \\ (471.66, \\ 813.32) \end{gathered}$ | $\begin{gathered} \hline 1,293.9 \\ 5 \\ (1,006.5 \\ 3, \\ 1,617.9 \\ 1) \end{gathered}$ | $\begin{gathered} 1,012.0 \\ 3 \\ (737.76, \\ 1,346.3 \\ 7) \end{gathered}$ | $\begin{gathered} 853.20 \\ (629.49, \\ 1,123.2 \\ 2) \end{gathered}$ | $\begin{gathered} 795.11 \\ \text { (583.67, } \\ 1,035.8 \end{gathered}$ <br> 4) | $\begin{gathered} 1,045.8 \\ 5 \\ (784.40, \\ 1,350.1 \\ 8) \end{gathered}$ |
| $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | $\begin{gathered} 925.36 \\ (653.34, \\ 1,230.7 \\ 4) \end{gathered}$ | $\begin{gathered} 521.07 \\ (357.63, \\ 714.16) \end{gathered}$ | $\begin{gathered} 596.58 \\ (406.40, \\ 815.11) \end{gathered}$ | $\begin{gathered} 626.80 \\ (427.40 \\ 854.58) \end{gathered}$ | $\begin{gathered} 672.50 \\ (466.98, \\ 909.00) \end{gathered}$ | $\begin{gathered} \hline 1,273.3 \\ 6 \\ (887.26, \\ 1,714.6 \\ 4) \\ \hline \end{gathered}$ |  <br> $1,039.6$ <br> 5 <br> $(704.87$, <br> $1,408.1$ <br> $7)$ | $\begin{gathered} 911.71 \\ (623.65, \\ 1,240.9 \\ 9) \end{gathered}$ | $\begin{gathered} 879.11 \\ (601.66, \\ 1,198.4 \\ 0) \end{gathered}$ | $\begin{gathered} \hline 1,078.2 \\ 3 \\ (740.38, \\ 1,457.7 \\ 1) \\ \hline \end{gathered}$ |
| 80-84 years | $\begin{gathered} 874.65 \\ (621.00, \\ 1,192.6 \\ 1) \end{gathered}$ | $\begin{gathered} 554.46 \\ (396.48, \\ 759.25) \end{gathered}$ | $\begin{aligned} & 639.27 \\ & (454.84, \\ & 870.82) \end{aligned}$ | $\begin{gathered} 665.59 \\ (478.37, \\ 903.88) \end{gathered}$ | $\begin{gathered} 688.63 \\ (491.59, \\ 939.72) \end{gathered}$ | $1,190.6$ 0 $(841.24$, $1,618.6$ $9)$ $1,99$. | $\begin{gathered} 988.89 \\ (678.24, \\ 1,370.0 \\ 2) \end{gathered}$ | $\begin{gathered} 905.91 \\ (630.31, \\ 1,243.7 \\ 0) \end{gathered}$ | $\begin{gathered} 885.32 \\ (632.27, \\ 1,221.9 \\ 8) \end{gathered}$ | $\begin{gathered} \hline 1,039.7 \\ 7 \\ (721.48, \\ 1,431.1 \\ 8) \\ \hline \end{gathered}$ |
| 85-89 years | $\begin{gathered} 807.06 \\ (584.84, \\ 1,068.2 \\ 0) \end{gathered}$ | $\begin{gathered} 582.94 \\ (413.71, \\ 784.07) \end{gathered}$ | $\begin{aligned} & 658.20 \\ & (467.21, \\ & 891.19) \end{aligned}$ | $\begin{gathered} 678.03 \\ (483.87, \\ 916.44) \end{gathered}$ | $\begin{gathered} 694.08 \\ (497.53, \\ 926.01) \end{gathered}$ | $\begin{gathered} 1,069.5 \\ 2 \\ (774.93 \\ 1,420.1 \\ 9) \end{gathered}$ | $\begin{gathered} 854.99 \\ (605.35, \\ 1,159.0 \\ 6) \end{gathered}$ | $\begin{gathered} 827.39 \\ (588.75, \\ 1,124.1 \\ 7) \end{gathered}$ | $\begin{gathered} 822.44 \\ (585.91, \\ 1,115.5 \\ 7) \end{gathered}$ | $\begin{gathered} 942.18 \\ \text { (677.37, } \\ 1,260.5 \end{gathered}$ <br> 1) |
| 90-94 years | $\begin{gathered} \hline 734.73 \\ (504.00, \\ 1,019.5 \\ 9) \end{gathered}$ | $\begin{gathered} 666.09 \\ (466.87, \\ 917.99) \end{gathered}$ | $\begin{gathered} 699.90 \\ (494.33, \\ 969.03) \end{gathered}$ | $\begin{aligned} & 703.87 \\ & (494.66, \\ & 970.95) \end{aligned}$ | $\begin{gathered} 708.46 \\ (497.23, \\ 976.55) \end{gathered}$ | $\begin{gathered} \hline 937.06 \\ (639.55, \\ 1,290.1 \\ 2) \\ \hline \end{gathered}$ | $\begin{gathered} 785.17 \\ (524.07, \\ 1,114.8 \end{gathered}$ <br> 4) | $\begin{gathered} \hline 787.34 \\ \text { (536.08, } \\ 1,106.6 \end{gathered}$ 3) | $\begin{gathered} \hline 784.97 \\ (535.39, \\ 1,079.3 \\ 9) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 864.65 \\ (586.89, \\ 1,204.6 \\ 0) \\ \hline \end{gathered}$ |


| total | 303.45 | 128.29 | 99.51 | 76.02 | 145.99 | 426.66 | 296.85 | 165.66 | 111.34 | 260.09 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (>40 | $(265.53$, | $(110.19$, | $(85.53$, | $(65.61$, | $(126.89$, | $(376.72$, | $(257.50$, | $(143.15$, | $(96.39$, | $(226.90$, |
| years) | $345.55)$ | $147.34)$ | $114.16)$ | $86.88)$ | $166.79)$ | $484.85)$ | $340.60)$ | $190.16)$ | $127.04)$ | $297.29)$ |

Table S11. Age-standardised incidence rate due to PAD in 2019 for both sexes by SDI group. PAD= Peripheral artery disease. SDI= sociodemographic index. UI = Uncertainty interval.

| Region | Sex | Age-standardised <br> incidence rate | Lower UI | Upper UI |
| :--- | :---: | :---: | :---: | :---: |
| Global | Males | 96.18 | 83.93 | 109.99 |
| Global | Females | 154.91 | 135.53 | 177.03 |
| Global | Both sexes | 127.11 | 111.28 | 145.44 |
| High SDI | Males | 140.87 | 124.03 | 158.76 |
| High SDI | Females | 172.11 | 152.18 | 195.05 |
| High SDI | Both sexes | 157.66 | 139.45 | 178.54 |
| High-middle SDI | Males | 90.27 | 78.08 | 103.4 |
| High-middle SDI | Females | 171.36 | 149.5 | 196 |
| High-middle SDI | Both sexes | 133.72 | 116.35 | 153.3 |
| Middle SDI | Males | 81.28 | 70.32 | 93.15 |
| Middle SDI | Females | 151.62 | 131.61 | 173.73 |
| Middle SDI | Both sexes | 117.85 | 102.37 | 135.08 |
| Low-middle SDI | Males | 80.75 | 69.82 | 92.63 |
| Low-middle SDI | Females | 125.13 | 108.85 | 143.29 |
| Low-middle SDI | Both sexes | 103.84 | 90.03 | 118.93 |
| Low SDI | Males | 82.02 | 70.87 | 93.97 |
| Low SDI | Females | 113.4 | 98.28 | 129.65 |
| Low SDI | Both sexes | 98.03 | 84.89 | 111.96 |

Table S12. Age-standardised DALYs rate (per 100000 persons) of PAD attributed to risk factors for males, females, and sex combined in 2019. PAD= Peripheral artery disease. DALY= disability-adjusted life-years. UI = Uncertainty interval.

| Risk factors | Sex | Age-standardised DALY <br> rate attributed to risk <br> factors | Lower UI | Upper UI |
| :--- | :---: | :---: | :---: | :---: |
| Lead exposure | Males | 0.32 | 0.15 | 0.63 |
| Tobacco | Males | 9.47 | 5.11 | 17.15 |
| High fasting plasma <br> glucose | Males | 6.40 | 3.50 | 11.95 |
| High systolic blood <br> pressure | Males | 5.88 | 3.15 | 10.80 |
| Diet high in sodium | Males | 0.88 | 0.18 | 2.35 |
| Kidney dysfunction | Males | 3.56 | 0.07 | 6.84 |
| Lead exposure | Females | 0.20 | 1.70 | 0.42 |
| Tobacco | Females | 3.12 | 2.74 | 7.64 |
| High fasting plasma <br> glucose | Females | 4.83 | 2.70 | 8.29 |
| High systolic blood <br> pressure | Females | 0.53 | 0.09 | 1.54 |
| Diet high in sodium | Females | 2.69 | 0.14 | 4.49 |
| Kidney dysfunction | Females | 0.69 | 1.92 | 1.82 |
| Diet high in sodium | Both sexes | 3.11 | 0.11 | 4.90 |
| Kidney dysfunction | Both sexes | 0.25 | 3.63 | 0.48 |
| Lead exposure | Both sexes | 6.06 | 3.48 | 9.90 |
| Tobacco | Both sexes | 5.43 | 3.34 | 8.52 |
| High fasting plasma <br> glucose | Both sexes | 5.34 |  |  |
| High systolic blood <br> pressure | Both sexes |  |  |  |

Table S13. Estimated age-specific prevalence (\%) of women and men living with peripheral artery disease in 204 countries and territories in 2019.
UI = Uncertainty interval.

| Location | Sex | Age | Prevalen ce (\%) | $\begin{aligned} & \text { Lower } \\ & \text { UI } \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Upper } \\ & \text { UI } \end{aligned}$ | Location | Sex | Age | Prevalen ce (\%) | $\begin{aligned} & \text { Lower } \\ & \text { UI } \end{aligned}$ | $\begin{aligned} & \text { Upper } \\ & \text { UI } \end{aligned}$ | Location | Sex | Age | Prevalen $\text { ce }(\%)$ | $\begin{aligned} & \text { Lower } \\ & \text { UI } \end{aligned}$ | $\begin{aligned} & \text { Upper } \\ & \text { UI } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Afghanis $\tan$ | Both | 40-44 years | 0.39 | 0.28 | 0.52 | $\begin{aligned} & \text { Afghanis } \\ & \tan \end{aligned}$ | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.26 | 0.94 | 1.61 | $\begin{aligned} & \text { Afghanis } \\ & \text { tan } \end{aligned}$ | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.62 | 1.22 | 2.09 |
| Afghanis tan | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.82 | 0.63 | 1.03 | $\begin{aligned} & \text { Afghanis } \\ & \tan \end{aligned}$ | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.96 | 1.53 | 2.39 | $\begin{aligned} & \text { Afghanis } \\ & \text { tan } \end{aligned}$ | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.53 | 1.97 | 3.14 |
| Afghanis $\tan$ | Both | $50-54$ years | 1.43 | 1.09 | 1.85 | $\begin{aligned} & \text { Afghanis } \\ & \tan \end{aligned}$ | Male | 60-64 years | 2.83 | 2.20 | 3.54 | $\begin{aligned} & \text { Afghanis } \\ & \text { tan } \end{aligned}$ | Female | 60-64 years | 3.67 | 2.90 | 4.58 |
| $\begin{aligned} & \text { Afghanis } \\ & \text { tan } \end{aligned}$ | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.26 | 1.77 | 2.78 | $\begin{aligned} & \text { Afghanis } \\ & \tan \end{aligned}$ | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.19 | 3.32 | 5.17 | $\begin{aligned} & \text { Afghanis } \\ & \tan \end{aligned}$ | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.51 | 4.36 | 6.78 |
| Afghanis tan | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.29 | 2.58 | 4.12 | $\begin{aligned} & \text { Afghanis } \\ & \tan \end{aligned}$ | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 5.96 | 4.62 | 7.47 | $\begin{aligned} & \text { Afghanis } \\ & \text { tan } \end{aligned}$ | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.89 | 6.00 | 9.99 |
| $\begin{aligned} & \text { Afghanis } \\ & \text { tan } \end{aligned}$ | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.93 | 3.92 | 6.04 | $\begin{aligned} & \text { Afghanis } \\ & \text { tan } \end{aligned}$ | Male | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.80 | 6.25 | 9.46 | $\begin{aligned} & \text { Afghanis } \\ & \text { tan } \end{aligned}$ | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.28 | 8.23 | 12.57 |
| Afghanis tan | Both | $70-74$ years | 7.02 | 5.39 | 8.79 | $\begin{aligned} & \text { Afghanis } \\ & \tan \end{aligned}$ | Male | All ages | 0.27 | 0.23 | 0.31 | Afghanis tan | Female | All ages | 0.38 | 0.32 | 0.44 |
| Afghanis $\tan$ | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.10 | 7.29 | 11.02 | $\begin{aligned} & \text { Afghanis } \\ & \text { tan } \\ & \hline \end{aligned}$ | Male | 80-84 | 9.56 | 7.69 | 11.71 | $\begin{aligned} & \text { Afghanis } \\ & \tan \end{aligned}$ | Female | 80-84 | 12.47 | 10.17 | 15.24 |
| Afghanis tan | Both | All ages | 0.32 | 0.28 | 0.37 | $\begin{aligned} & \text { Afghanis } \\ & \tan \end{aligned}$ | Male | 85-89 | 11.07 | 9.01 | 13.36 | Afghanis tan | Female | 85-89 | 14.09 | 11.45 | 16.98 |
| Afghanis tan | Both | 80-84 | 11.00 | 8.97 | 13.34 | $\begin{array}{\|l} \hline \text { Afghanis } \\ \text { tan } \\ \hline \end{array}$ | Male | 90-94 | 12.35 | 10.14 | 14.86 | Afghanis tan | Female | 90-94 | 15.21 | 12.54 | 18.39 |
| Afghanis tan | Both | 85-89 | 12.50 | 10.24 | 14.96 | $\begin{array}{\|l} \hline \text { Afghanis } \\ \text { tan } \\ \hline \end{array}$ | Male | $40-44$ years | 0.34 | 0.25 | 0.46 | Afghanis tan | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.43 | 0.32 | 0.59 |
| Afghanis tan | Both | 90-94 | 13.65 | 11.28 | 16.35 | $\begin{aligned} & \text { Afghanis } \\ & \tan \end{aligned}$ | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.72 | 0.55 | 0.91 | Afghanis tan | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.92 | 0.71 | 1.17 |
| Albania | Both | 80-84 | 12.73 | 10.26 | 15.39 | Albania | Male | 80-84 | 11.13 | 9.02 | 13.71 | Albania | Female | $40-44$ years | 0.47 | 0.34 | 0.64 |
| Albania | Both | 85-89 | 14.62 | 11.96 | 17.45 | Albania | Male | 85-89 | 12.85 | 10.50 | 15.61 | Albania | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.00 | 0.77 | 1.28 |
| Albania | Both | 90-94 | 16.20 | 13.45 | 19.33 | Albania | Male | 90-94 | 14.35 | 11.83 | 17.16 | Albania | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.79 | 1.35 | 2.35 |
| Albania | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.44 | 0.32 | 0.59 | Albania | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.41 | 0.30 | 0.55 | Albania | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.89 | 2.27 | 3.59 |
| Albania | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.92 | 0.72 | 1.17 | Albania | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.84 | 0.66 | 1.05 | Albania | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.33 | 3.41 | 5.34 |
| Albania | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.63 | 1.24 | 2.10 | Albania | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.46 | 1.11 | 1.85 | Albania | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 6.48 | 5.25 | 7.90 |
| Albania | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.61 | 2.05 | 3.19 | Albania | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.32 | 1.82 | 2.82 | Albania | Female | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.12 | 6.95 | 11.41 |
| Albania | Both | $60-64$ years | 3.88 | 3.07 | 4.75 | Albania | Male | 60-64 years | 3.43 | 2.71 | 4.24 | Albania | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 11.70 | 9.25 | 14.27 |
| Albania | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.77 | 4.66 | 7.01 | Albania | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.05 | 4.04 | 6.18 | Albania | Female | All ages | 2.37 | 2.03 | 2.71 |


| Albania | Both | $70-74$ years | 8.11 | 6.26 | 10.07 | Albania | Male | $\begin{array}{\|l\|} \hline 70-74 \\ \text { years } \\ \hline \end{array}$ | 7.05 | 5.45 | 8.85 | Albania | Female | 80-84 | 14.03 | 11.26 | 16.92 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Albania | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.48 | 8.36 | 12.76 | Albania | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.12 | 7.31 | 11.06 | Albania | Female | 85-89 | 15.78 | 12.90 | 19.01 |
| Albania | Both | All ages | 2.04 | 1.75 | 2.34 | Albania | Male | All ages | 1.70 | 1.45 | 1.96 | Albania | Female | 90-94 | 17.01 | 14.03 | 20.51 |
| Algeria | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.21 | 4.19 | 6.37 | Algeria | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.35 | 0.26 | 0.48 | Algeria | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.96 | 4.77 | 7.30 |
| Algeria | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.42 | 5.69 | 9.37 | Algeria | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.75 | 0.58 | 0.94 | Algeria | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.48 | 6.44 | 10.81 |
| Algeria | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 9.64 | 7.65 | 11.88 | Algeria | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.32 | 0.99 | 1.68 | Algeria | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 10.99 | 8.63 | 13.58 |
| Algeria | Both | All ages | 0.90 | 0.77 | 1.03 | Algeria | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.08 | 1.63 | 2.57 | Algeria | Female | All ages | 1.00 | 0.85 | 1.15 |
| Algeria | Both | 80-84 | 11.77 | 9.52 | 14.31 | Algeria | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.03 | 2.37 | 3.77 | Algeria | Female | 80-84 | 13.33 | 10.71 | 16.25 |
| Algeria | Both | 85-89 | 13.38 | 10.97 | 16.10 | Algeria | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.50 | 3.61 | 5.56 | Algeria | Female | 85-89 | 15.20 | 12.45 | 18.46 |
| Algeria | Both | 90-94 | 14.23 | 11.68 | 17.02 | Algeria | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.38 | 4.93 | 8.03 | Algeria | Female | 90-94 | 16.64 | 13.68 | 19.89 |
| Algeria | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.40 | 0.29 | 0.55 | Algeria | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.31 | 6.68 | 10.16 | Algeria | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.45 | 0.32 | 0.61 |
| Algeria | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.85 | 0.66 | 1.06 | Algeria | Male | All ages | 0.79 | 0.68 | 0.92 | Algeria | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.95 | 0.73 | 1.18 |
| Algeria | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.50 | 1.13 | 1.89 | Algeria | Male | 80-84 | 10.19 | 8.22 | 12.50 | Algeria | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.69 | 1.26 | 2.14 |
| Algeria | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.38 | 1.87 | 2.92 | Algeria | Male | 85-89 | 11.86 | 9.73 | 14.35 | Algeria | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.69 | 2.10 | 3.32 |
| Algeria | Both | 60-64 years | 3.49 | 2.73 | 4.32 | Algeria | Male | 90-94 | 13.38 | 10.96 | 16.00 | Algeria | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.98 | 3.12 | 4.95 |
| America n Samoa | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.64 | 0.48 | 0.84 | America n Samoa | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.57 | 0.43 | 0.77 | America n Samoa | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.71 | 0.52 | 0.94 |
| America n Samoa | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.41 | 1.09 | 1.78 | America n Samoa | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.24 | 0.98 | 1.56 | America n Samoa | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.58 | 1.19 | 2.00 |
| America n Samoa | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.54 | 1.92 | 3.26 | America n Samoa | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.21 | 1.68 | 2.84 | America n Samoa | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.86 | 2.14 | 3.72 |
| America n Samoa | Both | $\begin{aligned} & \text { 55-59 } \\ & \text { years } \\ & \hline \end{aligned}$ | 3.96 | 3.09 | 4.84 | America n Samoa | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.42 | 2.68 | 4.21 | America n Samoa | Female | $\begin{aligned} & \text { 55-59 } \\ & \text { years } \\ & \hline \end{aligned}$ | 4.48 | 3.49 | 5.51 |
| America n Samoa | Both | $\begin{aligned} & \text { 60-64 } \\ & \text { years } \end{aligned}$ | 5.64 | 4.43 | 6.99 | America n Samoa | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 4.82 | 3.80 | 6.06 | America n Samoa | Female | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 6.40 | 5.00 | 7.96 |
| America n Samoa | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 8.00 | 6.48 | 9.82 | America n Samoa | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 6.72 | 5.40 | 8.34 | America n Samoa | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 9.23 | 7.41 | 11.34 |
| America n Samoa | Both | $\begin{array}{\|l\|} \hline 70-74 \\ \text { years } \end{array}$ | 10.91 | 8.49 | 13.67 | America n Samoa | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 9.01 | 7.02 | 11.14 | America n Samoa | Female | $\begin{array}{\|l\|} \hline 70-74 \\ \text { years } \end{array}$ | 12.72 | 9.89 | 16.00 |
| America n Samoa | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 13.77 | 11.10 | 16.84 | America n Samoa | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 11.24 | 9.00 | 13.74 | America n Samoa | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 16.09 | 12.72 | 20.03 |
| America n Samoa | Both | All ages | 1.48 | 1.27 | 1.70 | America n Samoa | Male | All ages | 1.21 | 1.03 | 1.39 | America n Samoa | Female | All ages | 1.75 | 1.50 | 2.01 |


| America n Samoa | Both | 80-84 | 16.48 | 13.41 | 20.05 | America n Samoa | Male | 80-84 | 13.27 | 10.76 | 16.13 | America n Samoa | Female | 80-84 | 19.09 | 15.58 | 23.20 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| America <br> n Samoa | Both | 85-89 | 18.61 | 15.38 | 22.41 | America <br> n Samoa | Male | 85-89 | 14.83 | 12.24 | 17.79 | America <br> n Samoa | Female | 85-89 | 21.16 | 17.47 | 25.49 |
| America n Samoa | Both | 90-94 | 20.16 | 16.79 | 24.02 | America n Samoa | Male | 90-94 | 16.01 | 13.31 | 19.13 | America n Samoa | Female | 90-94 | 22.42 | 18.67 | 26.83 |
| Andorra | Both | 40-44 years | 0.95 | 0.71 | 1.26 | Andorra | Male | $\begin{array}{\|l\|} \hline 40-44 \\ \text { years } \end{array}$ | 0.53 | 0.38 | 0.72 | Andorra | Female | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 1.39 | 1.05 | 1.84 |
| Andorra | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.66 | 1.31 | 2.07 | Andorra | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.09 | 0.84 | 1.39 | Andorra | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.26 | 1.76 | 2.86 |
| Andorra | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.53 | 1.96 | 3.17 | Andorra | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.95 | 1.48 | 2.47 | Andorra | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 3.14 | 2.43 | 3.93 |
| Andorra | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.77 | 3.00 | 4.52 | Andorra | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.29 | 2.60 | 3.99 | Andorra | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.28 | 3.42 | 5.18 |
| Andorra | Both | 60-64 years | 5.54 | 4.48 | 6.74 | Andorra | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.12 | 4.01 | 6.33 | Andorra | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 6.02 | 4.78 | 7.31 |
| Andorra | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.56 | 6.89 | 10.32 | Andorra | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.77 | 6.20 | 9.54 | Andorra | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.44 | 7.69 | 11.42 |
| Andorra | Both | $70-74$ years | 12.40 | 9.80 | 15.30 | Andorra | Male | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 10.94 | 8.54 | 13.72 | Andorra | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 14.06 | 11.11 | 17.57 |
| Andorra | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 16.24 | 13.15 | 19.70 | Andorra | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 13.91 | 11.22 | 17.11 | Andorra | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 18.44 | 14.93 | 22.32 |
| Andorra | Both | All ages | 3.38 | 2.92 | 3.83 | Andorra | Male | All ages | 2.79 | 2.38 | 3.21 | Andorra | Female | All ages | 3.98 | 3.44 | 4.51 |
| Andorra | Both | 80-84 | 19.64 | 16.28 | 23.58 | Andorra | Male | 80-84 | 16.51 | 13.52 | 20.07 | Andorra | Female | 80-84 | 22.28 | 18.51 | 26.77 |
| Andorra | Both | 85-89 | 22.38 | 18.68 | 26.46 | Andorra | Male | 85-89 | 18.51 | 15.30 | 22.27 | Andorra | Female | 85-89 | 25.22 | 21.05 | 29.87 |
| Andorra | Both | 90-94 | 24.52 | 20.79 | 28.68 | Andorra | Male | 90-94 | 19.88 | 16.56 | 23.45 | Andorra | Female | 90-94 | 27.20 | 23.00 | 31.76 |
| Angola | Both | 40-44 years | 0.36 | 0.26 | 0.49 | Angola | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.30 | 0.22 | 0.41 | Angola | Female | $\begin{array}{\|l} \hline \begin{array}{l} 40-44 \\ \text { years } \end{array} \\ \hline \end{array}$ | 0.42 | 0.30 | 0.57 |
| Angola | Both | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.81 | 0.63 | 1.02 | Angola | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.67 | 0.51 | 0.85 | Angola | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.94 | 0.72 | 1.18 |
| Angola | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.49 | 1.12 | 1.91 | Angola | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.22 | 0.92 | 1.54 | Angola | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.74 | 1.30 | 2.24 |
| Angola | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.44 | 1.90 | 2.98 | Angola | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.97 | 1.55 | 2.40 | Angola | Female | $\begin{aligned} & \text { 55-59 } \\ & \text { years } \\ & \hline \end{aligned}$ | 2.84 | 2.21 | 3.51 |
| Angola | Both | $60-64$ years | 3.64 | 2.86 | 4.51 | Angola | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 2.91 | 2.30 | 3.63 | Angola | Female | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 4.28 | 3.34 | 5.34 |
| Angola | Both | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.58 | 4.49 | 6.81 | Angola | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.34 | 3.48 | 5.37 | Angola | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 6.60 | 5.27 | 8.04 |
| Angola | Both | $70-74$ years | 8.13 | 6.19 | 10.24 | Angola | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.16 | 4.73 | 7.77 | Angola | Female | $\begin{array}{\|l\|} \hline 70-74 \\ \text { years } \end{array}$ | 9.62 | 7.19 | 12.14 |
| Angola | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 10.78 | 8.63 | 13.15 | Angola | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.13 | 6.44 | 9.97 | Angola | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 12.68 | 10.11 | 15.40 |
| Angola | Both | All ages | 0.39 | 0.34 | 0.45 | Angola | Male | All ages | 0.29 | 0.24 | 0.33 | Angola | Female | All ages | 0.49 | 0.42 | 0.56 |


| Angola | Both | 80-84 | 13.35 | 10.82 | 16.18 | Angola | Male | 80-84 | 10.11 | 8.13 | 12.33 | Angola | Female | 80-84 | 15.54 | 12.64 | 18.87 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Angola | Both | 85-89 | 15.59 | 12.87 | 18.70 | Angola | Male | 85-89 | 11.85 | 9.73 | 14.23 | Angola | Female | 85-89 | 17.70 | 14.47 | 21.33 |
| Angola | Both | 90-94 | 17.46 | 14.48 | 20.87 | Angola | Male | 90-94 | 13.38 | 11.01 | 16.07 | Angola | Female | 90-94 | 19.20 | 15.88 | 22.96 |
| $\begin{aligned} & \hline \text { Antigua } \\ & \text { and } \\ & \text { Barbuda } \\ & \hline \end{aligned}$ | Both | 40-44 years | 0.32 | 0.23 | 0.42 | $\begin{aligned} & \text { Antigua } \\ & \text { and } \\ & \text { Barbuda } \end{aligned}$ | Male | 40-44 years | 0.27 | 0.19 | 0.36 | $\begin{aligned} & \text { Antigua } \\ & \text { and } \\ & \text { Barbuda } \end{aligned}$ | Female | $40-44$ years | 0.36 | 0.26 | 0.49 |
| Antigua and Barbud | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.66 | 0.51 | 0.83 | Antigua and Barbud | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.55 | 0.42 | 0.70 | Antigua and Barbuda | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.75 | 0.58 | 0.96 |
| Antigua and Barbuda | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.17 | 0.88 | 1.48 | Antigua and Barbuda | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 0.97 | 0.73 | 1.23 | $\begin{array}{l}\text { Antigua } \\ \text { and } \\ \text { Barbuda }\end{array}$ | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.34 | 1.02 | 1.72 |
| Antigua and Barbuda | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.89 | 1.45 | 2.30 | Antigua and Barbuda | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.57 | 1.21 | 1.92 | $\begin{aligned} & \text { Antigua } \\ & \text { and } \\ & \text { Barbuda } \end{aligned}$ | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.18 | 1.69 | 2.68 |
| Antigua <br> and <br> Barbuda <br> And | Both | 60-64 years | 2.85 | 2.21 | 3.51 | Antigua and Barbuda | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 2.36 | 1.83 | 2.96 | Antigua and Barbuda | Female | 60-64 years | 3.32 | 2.59 | 4.14 |
| Antigua and Barbuda | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.43 | 3.55 | 5.40 | Antigua <br> and <br> Barbuda | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.65 | 2.91 | 4.51 | Antigua and Barbuda | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.18 | 4.15 | 6.34 |
| Antigua and Barbuda | Both | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 6.50 | 4.99 | 8.11 | Antigua and Barbuda | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 5.35 | 4.11 | 6.72 | Antigua and Barbuda | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.58 | 5.81 | 9.54 |
| Antigua and Barbuda | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.67 | 6.86 | 10.56 | Antigua and Barbuda | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 7.15 | 5.70 | 8.70 | Antigua and Barbuda | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 10.05 | 7.94 | 12.31 |
| $\begin{aligned} & \text { Antigua } \\ & \text { and } \\ & \text { Barbuda } \end{aligned}$ | Both | All ages | 1.11 | 0.95 | 1.27 | $\begin{aligned} & \text { Antigua } \\ & \text { and } \\ & \text { Barbuda } \end{aligned}$ | Male | All ages | 0.88 | 0.75 | 1.01 | $\begin{aligned} & \text { Antigua } \\ & \text { and } \\ & \text { Barbuda } \end{aligned}$ | Female | All ages | 1.32 | 1.13 | 1.51 |
| $\begin{aligned} & \hline \text { Antigua } \\ & \text { and } \\ & \text { Barbuda } \\ & \hline \end{aligned}$ | Both | 80-84 | 10.88 | 8.87 | 13.25 | Antigua and Barbuda | Male | 80-84 | 8.93 | 7.20 | 10.98 | Antigua and Barbuda | Female | 80-84 | 12.38 | 10.06 | 15.13 |
| Antigua and Barbuda | Both | 85-89 | 12.85 | 10.56 | 15.46 | Antigua and Barbuda | Male | 85-89 | 10.53 | 8.59 | 12.85 | $\begin{aligned} & \hline \text { Antigua } \\ & \text { and } \\ & \text { Barbuda } \end{aligned}$ | Female | 85-89 | 14.26 | 11.66 | 17.24 |
| Antigua <br> and <br> Barbuda | Both | 90-94 | 14.45 | 11.92 | 17.37 | Antigua <br> and <br> Barbuda | Male | 90-94 | 12.00 | 9.81 | 14.47 | $\begin{aligned} & \text { Antigua } \\ & \text { and } \\ & \text { Barbuda } \end{aligned}$ | Female | 90-94 | 15.73 | 12.97 | 18.89 |
| Argentin <br> a | Both | $40-44$ years | 0.75 | 0.56 | 1.00 | Argentin <br> a | Male | 40-44 years | 0.40 | 0.29 | 0.54 | Argentin <br> a | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.82 | 1.42 | 2.26 |
| Argentin <br> a | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.35 | 1.06 | 1.68 | $\begin{aligned} & \text { Argentin } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.85 | 0.65 | 1.09 | $\begin{aligned} & \text { Argentin } \\ & \mathrm{a} \\ & \hline \end{aligned}$ | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.60 | 2.01 | 3.27 |
| Argentin <br> a | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.09 | 1.63 | 2.61 | Argentin <br> a | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.53 | 1.16 | 1.99 | Argentin <br> a | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.59 | 2.85 | 4.38 |
| Argentin <br> a | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.10 | 2.48 | 3.73 | Argentin <br> a | Male | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.57 | 2.04 | 3.15 | Argentin <br> a | Female | 60-64 years | 5.03 | 4.03 | 6.14 |


| Argentin <br> a | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 4.52 | 3.64 | 5.53 | $\begin{aligned} & \text { Argentin } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 3.94 | 3.09 | 4.97 | $\begin{aligned} & \text { Argentin } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 7.90 | 6.39 | 9.56 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Argentin $\mathrm{a}$ | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.02 | 5.69 | 8.51 | $\begin{aligned} & \text { Argentin } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.98 | 4.81 | 7.36 | $\begin{aligned} & \text { Argentin } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.80 | 9.25 | 14.84 |
| Argentin <br> a | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 10.34 | 8.09 | 12.98 | $\begin{aligned} & \text { Argentin } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 8.49 | 6.52 | 10.71 | $\begin{aligned} & \text { Argentin } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 15.64 | 12.58 | 19.30 |
| Argentin <br> a | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 13.65 | 10.97 | 16.78 | $\begin{aligned} & \text { Argentin } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.83 | 8.53 | 13.40 | $\begin{aligned} & \text { Argentin } \\ & \text { a } \end{aligned}$ | Female | All ages | 2.54 | 2.16 | 2.91 |
| Argentin <br> a | Both | All ages | 2.00 | 1.71 | 2.28 | $\begin{aligned} & \text { Argentin } \\ & \text { a } \end{aligned}$ | Male | All ages | 1.41 | 1.21 | 1.64 | $\begin{aligned} & \text { Argentin } \\ & \text { a } \end{aligned}$ | Female | 80-84 | 19.14 | 15.55 | 23.39 |
| Argentin <br> a | Both | 80-84 | 16.78 | 13.67 | 20.41 | $\begin{aligned} & \text { Argentin } \\ & \mathrm{a} \end{aligned}$ | Male | 80-84 | 12.88 | 10.33 | 15.82 | $\begin{aligned} & \text { Argentin } \\ & \text { a } \end{aligned}$ | Female | 85-89 | 21.68 | 17.94 | 26.25 |
| $\begin{aligned} & \text { Argentin } \\ & \text { a } \end{aligned}$ | Both | 85-89 | 19.30 | 15.93 | 23.27 | $\begin{aligned} & \text { Argentin } \\ & \text { a } \end{aligned}$ | Male | 85-89 | 14.43 | 11.79 | 17.51 | $\begin{aligned} & \text { Argentin } \\ & \mathrm{a} \end{aligned}$ | Female | 90-94 | 23.22 | 19.32 | 27.78 |
| Argentin <br> a | Both | 90-94 | 20.99 | 17.55 | 24.96 | $\begin{aligned} & \text { Argentin } \\ & \text { a } \end{aligned}$ | Male | 90-94 | 15.49 | 12.76 | 18.57 | $\begin{aligned} & \text { Argentin } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.09 | 0.81 | 1.44 |
| Armenia | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.49 | 0.35 | 0.64 | Armenia | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.43 | 0.31 | 0.56 | Armenia | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.54 | 0.39 | 0.72 |
| Armenia | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.04 | 0.80 | 1.33 | Armenia | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.88 | 0.68 | 1.10 | Armenia | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.18 | 0.90 | 1.53 |
| Armenia | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.86 | 1.39 | 2.42 | Armenia | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.54 | 1.17 | 1.96 | Armenia | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.13 | 1.59 | 2.82 |
| Armenia | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.95 | 2.30 | 3.63 | Armenia | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.42 | 1.89 | 2.95 | Armenia | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.39 | 2.61 | 4.20 |
| Armenia | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.35 | 3.39 | 5.40 | Armenia | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 3.55 | 2.77 | 4.40 | Armenia | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 5.00 | 3.85 | 6.27 |
| Armenia | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.54 | 5.26 | 8.01 | Armenia | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.28 | 4.28 | 6.45 | Armenia | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.52 | 5.98 | 9.21 |
| Armenia | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.36 | 7.19 | 11.78 | Armenia | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.48 | 5.78 | 9.45 | Armenia | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.68 | 8.14 | 13.62 |
| Armenia | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 12.18 | 9.71 | 15.07 | Armenia | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 9.71 | 7.78 | 11.86 | Armenia | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 13.72 | 10.88 | 17.14 |
| Armenia | Both | All ages | 2.00 | 1.73 | 2.28 | Armenia | Male | All ages | 1.43 | 1.24 | 1.64 | Armenia | Female | All ages | 2.52 | 2.15 | 2.89 |
| Armenia | Both | 80-84 | 14.74 | 11.92 | 18.04 | Armenia | Male | 80-84 | 11.83 | 9.64 | 14.48 | Armenia | Female | 80-84 | 16.41 | 13.24 | 20.24 |
| Armenia | Both | 85-89 | 16.59 | 13.61 | 19.95 | Armenia | Male | 85-89 | 13.62 | 11.19 | 16.53 | Armenia | Female | 85-89 | 18.34 | 14.98 | 22.21 |
| Armenia | Both | 90-94 | 18.00 | 15.00 | 21.50 | Armenia | Male | 90-94 | 15.15 | 12.47 | 18.30 | Armenia | Female | 90-94 | 19.58 | 16.30 | 23.34 |
| Australia | Both | 80-84 | 13.41 | 11.01 | 16.22 | Australia | Male | 80-84 | 9.58 | 7.77 | 11.69 | Australia | Female | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.89 | 0.66 | 1.18 |
| Australia | Both | 85-89 | 15.82 | 13.10 | 18.92 | Australia | Male | 85-89 | 11.03 | 8.98 | 13.33 | Australia | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.51 | 1.18 | 1.88 |
| Australia | Both | 90-94 | 17.95 | 14.97 | 21.31 | Australia | Male | 90-94 | 12.28 | 10.08 | 14.89 | Australia | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.19 | 1.69 | 2.78 |
| Australia | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.60 | 0.45 | 0.79 | Australia | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.30 | 0.22 | 0.41 | Australia | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.09 | 2.47 | 3.80 |


| Australia | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.08 | 0.85 | 1.35 | Australia | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.64 | 0.49 | 0.81 | Australia | Female | 60-64 years | 4.40 | 3.52 | 5.45 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Australia | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.68 | 1.31 | 2.12 | Australia | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.14 | 0.87 | 1.46 | Australia | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.82 | 5.54 | 8.31 |
| Australia | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.52 | 2.01 | 3.07 | Australia | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.91 | 1.50 | 2.35 | Australia | Female | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 10.07 | 7.89 | 12.61 |
| Australia | Both | $60-64$ years | 3.70 | 2.98 | 4.55 | Australia | Male | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 2.94 | 2.31 | 3.70 | Australia | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 13.38 | 10.80 | 16.01 |
| Australia | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.66 | 4.58 | 6.87 | Australia | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.42 | 3.52 | 5.43 | Australia | Female | All ages | 2.96 | 2.56 | 3.36 |
| Australia | Both | $70-74$ years | 8.19 | 6.37 | 10.19 | Australia | Male | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 6.20 | 4.68 | 7.81 | Australia | Female | 80-84 | 16.54 | 13.60 | 19.83 |
| Australia | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 10.80 | 8.65 | 13.01 | Australia | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 7.94 | 6.24 | 9.79 | Australia | Female | 85-89 | 19.13 | 15.86 | 22.91 |
| Australia | Both | All ages | 2.30 | 1.98 | 2.61 | Australia | Male | All ages | 1.60 | 1.36 | 1.85 | Australia | Female | 90-94 | 21.04 | 17.48 | 24.79 |
| Austria | Both | 80-84 | 20.39 | 16.73 | 24.60 | Austria | Male | $40-44$ <br> years | 0.54 | 0.39 | 0.73 | Austria | Female | 80-84 | 22.77 | 18.76 | 27.66 |
| Austria | Both | 85-89 | 23.36 | 19.46 | 27.81 | Austria | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.13 | 0.88 | 1.43 | Austria | Female | 85-89 | 25.78 | 21.56 | 30.79 |
| Austria | Both | 90-94 | 25.50 | 21.51 | 29.98 | Austria | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.02 | 1.54 | 2.59 | Austria | Female | 90-94 | 27.72 | 23.36 | 32.66 |
| Austria | Both | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 1.01 | 0.76 | 1.33 | Austria | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.38 | 2.63 | 4.19 | Austria | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 1.47 | 1.10 | 1.91 |
| Austria | Both | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.76 | 1.40 | 2.16 | Austria | Male | $\begin{array}{\|l\|} \hline 60-64 \\ \text { years } \\ \hline \end{array}$ | 5.19 | 4.05 | 6.55 | Austria | Female | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.37 | 1.87 | 2.94 |
| Austria | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.64 | 2.07 | 3.28 | Austria | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 7.88 | 6.32 | 9.67 | Austria | Female | $50-54$ years | 3.26 | 2.56 | 4.06 |
| Austria | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.88 | 3.08 | 4.69 | Austria | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 11.16 | 8.57 | 13.94 | Austria | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.38 | 3.49 | 5.30 |
| Austria | Both | 60-64 years | 5.64 | 4.49 | 6.92 | Austria | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 14.24 | 11.36 | 17.39 | Austria | Female | 60-64 years | 6.07 | 4.86 | 7.42 |
| Austria | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 8.75 | 7.07 | 10.56 | Austria | Male | All ages | 3.12 | 2.67 | 3.60 | Austria | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 9.53 | 7.71 | 11.45 |
| Austria | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 12.82 | 10.03 | 15.93 | Austria | Male | 80-84 | 16.96 | 13.63 | 20.47 | Austria | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 14.23 | 11.07 | 17.91 |
| Austria | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 16.76 | 13.41 | 20.50 | Austria | Male | 85-89 | 18.95 | 15.56 | 22.66 | Austria | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 18.74 | 14.89 | 23.02 |
| Austria | Both | All ages | 4.11 | 3.55 | 4.70 | Austria | Male | 90-94 | 20.21 | 16.90 | 23.80 | Austria | Female | All ages | 5.03 | 4.32 | 5.78 |
| Azerbaija <br> n | Both | 40-44 <br> years | 0.44 | 0.32 | 0.59 | Azerbaija <br> n | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.39 | 0.28 | 0.52 | Azerbaija <br> n | Female | 40-44 years | 0.49 | 0.36 | 0.67 |
| Azerbaija <br> n | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.94 | 0.72 | 1.18 | Azerbaija <br> n | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.80 | 0.62 | 1.02 | Azerbaija | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.06 | 0.81 | 1.35 |
| Azerbaija <br> n | Both | $50-54$ years | 1.66 | 1.27 | 2.13 | Azerbaija <br> n | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.39 | 1.07 | 1.79 | Azerbaija <br> n | Female | 50-54 <br> years | 1.91 | 1.42 | 2.47 |
| Azerbaija | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.63 | 2.07 | 3.23 | Azerbaija | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.19 | 1.73 | 2.67 | Azerbaija <br> n | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.02 | 2.34 | 3.74 |


| Azerbaija <br> n | Both | 60-64 years | 3.87 | 3.06 | 4.80 | Azerbaija <br> n | Male | 60-64 years | 3.21 | 2.54 | 3.99 | Azerbaija <br> n | Female | 60-64 years | 4.44 | 3.46 | 5.59 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { Azerbaija } \\ & \mathrm{n} \\ & \hline \end{aligned}$ | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.82 | 4.73 | 7.16 | Azerbaija <br> n | Male | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 4.75 | 3.81 | 5.80 | $\begin{aligned} & \text { Azerbaija } \\ & \mathrm{n} \\ & \hline \end{aligned}$ | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 6.68 | 5.44 | 8.29 |
| Azerbaija <br> n | Both | 70-74 years | 8.36 | 6.52 | 10.51 | Azerbaija <br> n | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.73 | 5.18 | 8.38 | Azerbaija <br> n | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 9.53 | 7.44 | 12.12 |
| Azerbaija <br> n | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 10.93 | 8.73 | 13.55 | Azerbaija n | Male | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.77 | 6.99 | 10.67 | Azerbaija <br> n | Female | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 12.36 | 9.99 | 15.43 |
| Azerbaija <br> n | Both | All ages | 1.09 | 0.94 | 1.26 | Azerbaija <br> n | Male | All ages | 0.81 | 0.69 | 0.93 | Azerbaija <br> n | Female | All ages | 1.36 | 1.17 | 1.58 |
| Azerbaija <br> n | Both | 80-84 | 13.38 | 10.83 | 16.44 | Azerbaija <br> n | Male | 80-84 | 10.76 | 8.70 | 13.23 | Azerbaija <br> n | Female | 80-84 | 14.97 | 12.13 | 18.42 |
| Azerbaija <br> n | Both | 85-89 | 15.31 | 12.64 | 18.44 | Azerbaija <br> n | Male | 85-89 | 12.53 | 10.29 | 15.09 | Azerbaija <br> n | Female | 85-89 | 16.99 | 14.01 | 20.53 |
| Azerbaija <br> n | Both | 90-94 | 16.70 | 13.79 | 20.04 | Azerbaija n | Male | 90-94 | 14.15 | 11.62 | 17.11 | Azerbaija n | Female | 90-94 | 18.46 | 15.26 | 22.13 |
| Bahamas | Both | $40-44$ years | 0.31 | 0.22 | 0.41 | Bahamas | Male | $40-44$ years | 0.26 | 0.19 | 0.35 | Bahamas | Female | $40-44$ years | 0.35 | 0.25 | 0.48 |
| Bahamas | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.64 | 0.49 | 0.81 | Bahamas | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.54 | 0.41 | 0.68 | Bahamas | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.73 | 0.57 | 0.93 |
| Bahamas | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.13 | 0.86 | 1.45 | Bahamas | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 0.94 | 0.72 | 1.19 | Bahamas | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.30 | 0.98 | 1.67 |
| Bahamas | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.83 | 1.44 | 2.23 | Bahamas | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.51 | 1.19 | 1.85 | Bahamas | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.11 | 1.64 | 2.59 |
| Bahamas | Both | 60-64 years | 2.76 | 2.19 | 3.41 | Bahamas | Male | 60-64 years | 2.26 | 1.80 | 2.79 | Bahamas | Female | 60-64 years | 3.19 | 2.51 | 3.97 |
| Bahamas | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.30 | 3.49 | 5.25 | Bahamas | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.50 | 2.82 | 4.33 | Bahamas | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.99 | 3.99 | 6.09 |
| Bahamas | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.38 | 4.90 | 7.95 | Bahamas | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.16 | 3.96 | 6.52 | Bahamas | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.34 | 5.62 | 9.25 |
| Bahamas | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.55 | 6.80 | 10.47 | Bahamas | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 6.93 | 5.45 | 8.60 | Bahamas | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 9.75 | 7.71 | 11.88 |
| Bahamas | Both | All ages | 0.96 | 0.83 | 1.10 | Bahamas | Male | All ages | 0.73 | 0.63 | 0.84 | Bahamas | Female | All ages | 1.17 | 1.01 | 1.33 |
| Bahamas | Both | 80-84 | 10.65 | 8.57 | 13.06 | Bahamas | Male | 80-84 | 8.71 | 6.86 | 10.85 | Bahamas | Female | 80-84 | 12.05 | 9.65 | 14.71 |
| Bahamas | Both | 85-89 | 12.51 | 10.24 | 15.11 | Bahamas | Male | 85-89 | 10.32 | 8.38 | 12.62 | Bahamas | Female | 85-89 | 13.94 | 11.44 | 16.90 |
| Bahamas | Both | 90-94 | 14.25 | 11.85 | 17.03 | Bahamas | Male | 90-94 | 11.81 | 9.65 | 14.19 | Bahamas | Female | 90-94 | 15.46 | 12.82 | 18.51 |
| Bahrain | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.40 | 0.29 | 0.54 | Bahrain | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.37 | 0.27 | 0.51 | Bahrain | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.47 | 0.34 | 0.64 |
| Bahrain | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.86 | 0.67 | 1.07 | Bahrain | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.78 | 0.61 | 0.98 | Bahrain | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.01 | 0.77 | 1.26 |
| Bahrain | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.53 | 1.17 | 1.95 | Bahrain | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.39 | 1.05 | 1.76 | Bahrain | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.80 | 1.37 | 2.29 |
| Bahrain | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.44 | 1.90 | 2.97 | Bahrain | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.21 | 1.72 | 2.71 | Bahrain | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.87 | 2.23 | 3.48 |


| Bahrain | Both | 60-64 years | 3.59 | 2.81 | 4.42 | Bahrain | Male | 60-64 years | 3.24 | 2.53 | 4.04 | Bahrain | Female | 60-64 years | 4.24 | 3.28 | 5.18 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Bahrain | Both | 65-69 years | 5.35 | 4.34 | 6.52 | Bahrain | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.81 | 3.86 | 5.88 | Bahrain | Female | $65-69$ years | 6.35 | 5.09 | 7.73 |
| Bahrain | Both | 70-74 years | 7.80 | 6.09 | 9.84 | Bahrain | Male | 70-74 years | 6.81 | 5.30 | 8.55 | Bahrain | Female | 70-74 years | 9.05 | 7.04 | 11.41 |
| Bahrain | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.44 | 8.31 | 12.70 | Bahrain | Male | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.96 | 7.13 | 10.92 | Bahrain | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 11.85 | 9.40 | 14.51 |
| Bahrain | Both | All ages | 0.78 | 0.66 | 0.90 | Bahrain | Male | All ages | 0.71 | 0.60 | 0.83 | Bahrain | Female | All ages | 0.89 | 0.76 | 1.02 |
| Bahrain | Both | 80-84 | 13.01 | 10.49 | 15.73 | Bahrain | Male | 80-84 | 11.16 | 8.98 | 13.59 | Bahrain | Female | 80-84 | 14.58 | 11.69 | 17.70 |
| Bahrain | Both | 85-89 | 15.12 | 12.34 | 18.02 | Bahrain | Male | 85-89 | 13.19 | 10.80 | 15.87 | Bahrain | Female | 85-89 | 16.84 | 13.77 | 20.23 |
| Bahrain | Both | 90-94 | 17.03 | 14.20 | 20.21 | Bahrain | Male | 90-94 | 15.05 | 12.48 | 18.14 | Bahrain | Female | 90-94 | 18.65 | 15.54 | 22.04 |
| $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Both | 40-44 years | 0.31 | 0.22 | 0.41 | $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Male | $40-44$ years | 0.27 | 0.19 | 0.37 | $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Female | $40-44$ years | 0.34 | 0.24 | 0.45 |
| $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.64 | 0.49 | 0.83 | $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.56 | 0.43 | 0.72 | $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.72 | 0.54 | 0.92 |
| $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.13 | 0.86 | 1.45 | $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 0.98 | 0.74 | 1.26 | $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.27 | 0.96 | 1.67 |
| $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.76 | 1.38 | 2.15 | $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.53 | 1.20 | 1.89 | $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.00 | 1.55 | 2.44 |
| $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Both | 60-64 years | 2.55 | 2.00 | 3.15 | $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Male | 60-64 years | 2.22 | 1.74 | 2.80 | $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 2.91 | 2.28 | 3.58 |
| $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.76 | 3.02 | 4.64 | $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.25 | 2.60 | 4.03 | $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.32 | 3.46 | 5.29 |
| $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Both | $70-74$ years | 5.30 | 4.12 | 6.62 | $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 4.58 | 3.51 | 5.76 | $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.14 | 4.77 | 7.84 |
| $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.94 | 5.55 | 8.42 | $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.01 | 4.75 | 7.34 | $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.03 | 6.47 | 9.81 |
| Banglade <br> sh | Both | All ages | 0.66 | 0.57 | 0.76 | $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Male | All ages | 0.61 | 0.52 | 0.71 | $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Female | All ages | 0.71 | 0.60 | 0.81 |
| $\begin{aligned} & \hline \begin{array}{l} \text { Banglade } \\ \text { sh } \end{array} \\ & \hline \end{aligned}$ | Both | 80-84 | 8.58 | 6.89 | 10.58 | $\begin{aligned} & \text { Banglade } \\ & \text { sh } \\ & \hline \end{aligned}$ | Male | 80-84 | 7.46 | 5.96 | 9.18 | $\begin{aligned} & \text { Banglade } \\ & \text { sh } \\ & \hline \end{aligned}$ | Female | 80-84 | 9.83 | 7.90 | 12.14 |
| $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Both | 85-89 | 9.98 | 8.12 | 12.13 | $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Male | 85-89 | 8.80 | 7.18 | 10.74 | $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Female | 85-89 | 11.35 | 9.17 | 13.90 |
| $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Both | 90-94 | 11.24 | 9.20 | 13.57 | $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Male | 90-94 | 10.07 | 8.21 | 12.26 | $\begin{aligned} & \text { Banglade } \\ & \text { sh } \end{aligned}$ | Female | 90-94 | 12.61 | 10.32 | 15.17 |
| Barbados | Both | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.32 | 0.23 | 0.43 | Barbados | Male | 80-84 | 8.91 | 7.10 | 11.11 | Barbados | Female | $40-44$ <br> years | 0.36 | 0.26 | 0.49 |
| Barbados | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.66 | 0.51 | 0.84 | Barbados | Male | 85-89 | 10.45 | 8.48 | 12.73 | Barbados | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.76 | 0.58 | 0.96 |
| Barbados | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.18 | 0.89 | 1.51 | Barbados | Male | 90-94 | 11.83 | 9.70 | 14.35 | Barbados | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.35 | 1.01 | 1.76 |
| Barbados | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.91 | 1.49 | 2.34 | Barbados | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.27 | 0.19 | 0.36 | Barbados | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.20 | 1.72 | 2.71 |


| Barbados | Both | 60-64 years | 2.89 | 2.27 | 3.59 | Barbados | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.56 | 0.43 | 0.71 | Barbados | Female | 60-64 years | 3.35 | 2.62 | 4.18 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Barbados | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.50 | 3.63 | 5.50 | Barbados | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 0.98 | 0.75 | 1.26 | Barbados | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.22 | 4.17 | 6.36 |
| Barbados | Both | $70-74$ years | 6.63 | 5.10 | 8.30 | Barbados | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.57 | 1.22 | 1.94 | Barbados | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.65 | 5.86 | 9.65 |
| Barbados | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.83 | 7.04 | 10.91 | Barbados | Male | 60-64 years | 2.37 | 1.85 | 2.95 | Barbados | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 10.10 | 8.05 | 12.47 |
| Barbados | Both | All ages | 1.68 | 1.45 | 1.94 | Barbados | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 3.68 | 2.95 | 4.57 | Barbados | Female | All ages | 2.05 | 1.76 | 2.35 |
| Barbados | Both | 80-84 | 10.90 | 8.85 | 13.33 | Barbados | Male | $70-74$ years | 5.39 | 4.12 | 6.82 | Barbados | Female | 80-84 | 12.38 | 10.03 | 15.09 |
| Barbados | Both | 85-89 | 12.67 | 10.39 | 15.24 | Barbados | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 7.18 | 5.71 | 8.83 | Barbados | Female | 85-89 | 14.17 | 11.61 | 17.11 |
| Barbados | Both | 90-94 | 14.10 | 11.59 | 16.93 | Barbados | Male | All ages | 1.29 | 1.10 | 1.49 | Barbados | Female | 90-94 | 15.53 | 12.73 | 18.70 |
| Belarus | Both | 40-44 years | 0.49 | 0.36 | 0.65 | Belarus | Male | $40-44$ years | 0.39 | 0.29 | 0.52 | Belarus | Female | 40-44 years | 0.59 | 0.43 | 0.80 |
| Belarus | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.05 | 0.82 | 1.32 | Belarus | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.80 | 0.63 | 1.00 | Belarus | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.28 | 0.98 | 1.61 |
| Belarus | Both | 50-54 years | 1.87 | 1.43 | 2.37 | Belarus | Male | 50-54 years | 1.39 | 1.07 | 1.76 | Belarus | Female | 50-54 years | 2.29 | 1.73 | 2.93 |
| Belarus | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.98 | 2.33 | 3.64 | Belarus | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.18 | 1.73 | 2.65 | Belarus | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.63 | 2.80 | 4.47 |
| Belarus | Both | 60-64 years | 4.42 | 3.47 | 5.45 | Belarus | Male | 60-64 years | 3.18 | 2.52 | 3.91 | Belarus | Female | 60-64 years | 5.35 | 4.14 | 6.67 |
| Belarus | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.77 | 5.49 | 8.25 | Belarus | Male | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 4.69 | 3.79 | 5.71 | Belarus | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 8.13 | 6.53 | 9.97 |
| Belarus | Both | 70-74 years | 9.84 | 7.64 | 12.33 | Belarus | Male | 70-74 years | 6.62 | 5.19 | 8.23 | Belarus | Female | $70-74$ years | 11.65 | 8.96 | 14.68 |
| Belarus | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 13.09 | 10.48 | 16.22 | Belarus | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.64 | 6.85 | 10.48 | Belarus | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 15.01 | 11.91 | 18.68 |
| Belarus | Both | All ages | 2.60 | 2.24 | 2.97 | Belarus | Male | All ages | 1.40 | 1.21 | 1.61 | Belarus | Female | All ages | 3.61 | 3.09 | 4.16 |
| Belarus | Both | 80-84 | 16.02 | 13.00 | 19.48 | Belarus | Male | 80-84 | 10.63 | 8.63 | 13.09 | Belarus | Female | 80-84 | 17.91 | 14.45 | 21.76 |
| Belarus | Both | 85-89 | 18.08 | 14.83 | 21.75 | Belarus | Male | 85-89 | 12.36 | 10.12 | 14.95 | Belarus | Female | 85-89 | 19.84 | 16.14 | 23.96 |
| Belarus | Both | 90-94 | 19.50 | 16.19 | 23.14 | Belarus | Male | 90-94 | 13.89 | 11.39 | 16.76 | Belarus | Female | 90-94 | 20.93 | 17.35 | 24.85 |
| Belgium | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.95 | 1.55 | 2.41 | Belgium | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.25 | 0.97 | 1.56 | Belgium | Female | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 1.66 | 1.25 | 2.19 |
| Belgium | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.92 | 2.28 | 3.65 | Belgium | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.23 | 1.72 | 2.84 | Belgium | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 2.66 | 2.08 | 3.32 |
| Belgium | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.26 | 3.40 | 5.17 | Belgium | Male | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.73 | 2.93 | 4.55 | Belgium | Female | 50-54 years | 3.61 | 2.82 | 4.56 |
| Belgium | Both | $60-64$ years | 6.19 | 4.91 | 7.56 | Belgium | Male | 60-64 years | 5.74 | 4.51 | 7.18 | Belgium | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.80 | 3.82 | 5.88 |


| Belgium | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.67 | 7.84 | 11.73 | Belgium | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 8.80 | 7.04 | 10.83 | Belgium | Female | 60-64 years | 6.63 | 5.28 | 8.13 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Belgium | Both | 70-74 years | 14.25 | 10.99 | 18.02 | Belgium | Male | 70-74 years | 12.53 | 9.80 | 15.87 | Belgium | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 10.50 | 8.51 | 12.66 |
| Belgium | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 18.56 | 14.88 | 22.84 | Belgium | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 15.90 | 12.69 | 19.73 | Belgium | Female | 70-74 years | 15.77 | 12.24 | 19.97 |
| Belgium | Both | All ages | 4.53 | 3.90 | 5.17 | Belgium | Male | All ages | 3.52 | 3.01 | 4.07 | Belgium | Female | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 20.69 | 16.56 | 25.35 |
| Belgium | Both | 80-84 | 22.38 | 18.37 | 27.08 | Belgium | Male | 80-84 | 18.74 | 15.27 | 22.69 | Belgium | Female | All ages | 5.46 | 4.70 | 6.24 |
| Belgium | Both | 85-89 | 25.36 | 21.15 | 30.61 | Belgium | Male | 85-89 | 20.74 | 17.18 | 24.89 | Belgium | Female | 80-84 | 24.92 | 20.37 | 30.00 |
| Belgium | Both | 90-94 | 27.41 | 22.98 | 32.26 | Belgium | Male | 90-94 | 21.92 | 18.28 | 25.91 | Belgium | Female | 85-89 | 27.92 | 23.23 | 33.82 |
| Belgium | Both | $40-44$ years | 1.13 | 0.85 | 1.49 | Belgium | Male | $40-44$ years | 0.60 | 0.44 | 0.80 | Belgium | Female | 90-94 | 29.69 | 24.92 | 35.21 |
| Belize | Both | $40-44$ years | 0.32 | 0.23 | 0.44 | Belize | Male | $40-44$ years | 0.27 | 0.19 | 0.37 | Belize | Female | $40-44$ years | 0.37 | 0.26 | 0.51 |
| Belize | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.67 | 0.52 | 0.85 | Belize | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.56 | 0.43 | 0.72 | Belize | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.77 | 0.60 | 0.98 |
| Belize | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.18 | 0.90 | 1.50 | Belize | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 0.99 | 0.75 | 1.27 | Belize | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.37 | 1.03 | 1.76 |
| Belize | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.90 | 1.48 | 2.33 | Belize | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.59 | 1.24 | 1.95 | Belize | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.22 | 1.72 | 2.76 |
| Belize | Both | 60-64 years | 2.85 | 2.24 | 3.59 | Belize | Male | 60-64 years | 2.38 | 1.86 | 2.98 | Belize | Female | 60-64 years | 3.34 | 2.61 | 4.21 |
| Belize | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.43 | 3.55 | 5.43 | Belize | Male | $65-69$ years | 3.70 | 2.93 | 4.54 | Belize | Female | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 5.22 | 4.16 | 6.44 |
| Belize | Both | $70-74$ years | 6.51 | 5.04 | 8.21 | Belize | Male | $70-74$ years | 5.45 | 4.20 | 6.92 | Belize | Female | 70-74 years | 7.68 | 5.90 | 9.85 |
| Belize | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.60 | 6.90 | 10.72 | Belize | Male | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.25 | 5.85 | 8.88 | Belize | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.14 | 8.10 | 12.55 |
| Belize | Both | All ages | 0.63 | 0.55 | 0.72 | Belize | Male | All ages | 0.54 | 0.46 | 0.63 | Belize | Female | All ages | 0.72 | 0.62 | 0.83 |
| Belize | Both | 80-84 | 10.63 | 8.71 | 13.06 | Belize | Male | 80-84 | 8.97 | 7.33 | 11.09 | Belize | Female | 80-84 | 12.38 | 10.08 | 15.09 |
| Belize | Both | 85-89 | 12.38 | 10.16 | 14.95 | Belize | Male | 85-89 | 10.42 | 8.54 | 12.69 | Belize | Female | 85-89 | 14.06 | 11.53 | 17.08 |
| Belize | Both | 90-94 | 13.68 | 11.30 | 16.32 | Belize | Male | 90-94 | 11.66 | 9.52 | 13.98 | Belize | Female | 90-94 | 15.24 | 12.53 | 18.23 |
| Benin | Both | $\begin{aligned} & 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.31 | 0.22 | 0.41 | Benin | Male | $\begin{aligned} & 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.28 | 0.20 | 0.39 | Benin | Female | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.33 | 0.23 | 0.44 |
| Benin | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.67 | 0.52 | 0.86 | Benin | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.62 | 0.47 | 0.80 | Benin | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.72 | 0.55 | 0.93 |
| Benin | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.23 | 0.93 | 1.59 | Benin | Male | $50-54$ years | 1.13 | 0.85 | 1.46 | Benin | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.33 | 0.98 | 1.70 |
| Benin | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.98 | 1.53 | 2.44 | Benin | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.80 | 1.40 | 2.23 | Benin | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.16 | 1.66 | 2.66 |


| Benin | Both | $\overline{60-64}$ years | 2.94 | 2.28 | 3.71 | Benin | Male | $\overline{60-64}$ years | 2.65 | 2.05 | 3.36 | Benin | Female | $\overline{60-64}$ years | 3.22 | 2.50 | 4.07 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Benin | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.44 | 3.53 | 5.48 | Benin | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.93 | 3.12 | 4.88 | Benin | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.90 | 3.91 | 6.08 |
| Benin | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.38 | 4.94 | 8.09 | Benin | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.59 | 4.30 | 7.09 | Benin | Female | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 7.07 | 5.44 | 8.97 |
| Benin | Both | $\begin{aligned} & \hline 75-79 \\ & \text { vears } \end{aligned}$ | 8.45 | 6.80 | 10.37 | Benin | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.35 | 5.84 | 9.08 | Benin | Female | $\begin{aligned} & \hline 75-79 \\ & \text { vears } \end{aligned}$ | 9.30 | 7.49 | 11.43 |
| Benin | Both | All ages | 0.34 | 0.29 | 0.39 | Benin | Male | All ages | 0.29 | 0.25 | 0.33 | Benin | Female | All ages | 0.39 | 0.34 | 0.45 |
| Benin | Both | 80-84 | 10.47 | 8.41 | 12.84 | Benin | Male | 80-84 | 9.10 | 7.31 | 11.24 | Benin | Female | 80-84 | 11.43 | 9.24 | 14.02 |
| Benin | Both | 85-89 | 12.24 | 9.96 | 14.71 | Benin | Male | 85-89 | 10.66 | 8.62 | 12.87 | Benin | Female | 85-89 | 13.16 | 10.74 | 15.89 |
| Benin | Both | 90-94 | 13.73 | 11.30 | 16.40 | Benin | Male | 90-94 | 12.04 | 9.92 | 14.36 | Benin | Female | 90-94 | 14.53 | 11.93 | 17.41 |
| Bermuda | Both | 40-44 <br> years | 0.30 | 0.21 | 0.41 | Bermuda | Male | 40-44 <br> years | 0.26 | 0.18 | 0.36 | Bermuda | Female | 40-44 <br> years | 0.34 | 0.24 | 0.47 |
| Bermuda | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.62 | 0.48 | 0.79 | Bermuda | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.53 | 0.40 | 0.67 | Bermuda | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.72 | 0.55 | 0.92 |
| Bermuda | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.10 | 0.84 | 1.39 | Bermuda | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 0.92 | 0.70 | 1.16 | Bermuda | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.28 | 0.97 | 1.64 |
| Bermuda | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.80 | 1.40 | 2.18 | Bermuda | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.48 | 1.16 | 1.79 | Bermuda | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.09 | 1.62 | 2.55 |
| Bermuda | Both | 60-64 years | 2.76 | 2.18 | 3.43 | Bermuda | Male | 60-64 years | 2.25 | 1.76 | 2.81 | Bermuda | Female | 60-64 years | 3.22 | 2.52 | 3.99 |
| Bermuda | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.30 | 3.49 | 5.22 | Bermuda | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.47 | 2.79 | 4.20 | Bermuda | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.01 | 4.06 | 6.08 |
| Bermuda | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.32 | 4.89 | 7.91 | Bermuda | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 5.08 | 3.95 | 6.32 | Bermuda | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.33 | 5.67 | 9.17 |
| Bermuda | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.50 | 6.86 | 10.38 | Bermuda | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.82 | 5.48 | 8.39 | Bermuda | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.74 | 7.87 | 11.91 |
| Bermuda | Both | All ages | 2.02 | 1.74 | 2.31 | Bermuda | Male | All ages | 1.48 | 1.26 | 1.70 | Bermuda | Female | All ages | 2.51 | 2.16 | 2.89 |
| Bermuda | Both | 80-84 | 10.64 | 8.65 | 12.97 | Bermuda | Male | 80-84 | 8.61 | 6.96 | 10.53 | Bermuda | Female | 80-84 | 12.08 | 9.79 | 14.71 |
| Bermuda | Both | 85-89 | 12.69 | 10.48 | 15.26 | Bermuda | Male | 85-89 | 10.33 | 8.49 | 12.51 | Bermuda | Female | 85-89 | 14.07 | 11.52 | 16.96 |
| Bermuda | Both | 90-94 | 14.70 | 12.25 | 17.41 | Bermuda | Male | 90-94 | 12.01 | 9.87 | 14.42 | Bermuda | Female | 90-94 | 15.75 | 13.14 | 18.71 |
| Bhutan | Both | $40-44$ years | 0.31 | 0.22 | 0.42 | Bhutan | Male | $40-44$ years | 0.28 | 0.20 | 0.39 | Bhutan | Female | 90-94 | 13.27 | 10.89 | 16.08 |
| Bhutan | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.65 | 0.50 | 0.82 | Bhutan | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.58 | 0.44 | 0.74 | Bhutan | Female | 40-44 <br> years | 0.35 | 0.25 | 0.47 |
| Bhutan | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.15 | 0.86 | 1.49 | Bhutan | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.00 | 0.76 | 1.29 | Bhutan | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.74 | 0.56 | 0.93 |
| Bhutan | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.81 | 1.42 | 2.21 | Bhutan | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.58 | 1.24 | 1.92 | Bhutan | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.31 | 0.98 | 1.69 |


| Bhutan | Both | 60-64 years | 2.65 | 2.09 | 3.26 | Bhutan | Male | 60-64 years | 2.30 | 1.81 | 2.83 | Bhutan | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.07 | 1.61 | 2.54 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Bhutan | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.92 | 3.18 | 4.80 | Bhutan | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.39 | 2.73 | 4.15 | Bhutan | Female | $60-64$ years | 3.02 | 2.37 | 3.73 |
| Bhutan | Both | $70-74$ years | 5.55 | 4.28 | 6.95 | Bhutan | Male | $70-74$ years | 4.78 | 3.69 | 6.01 | Bhutan | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.47 | 3.59 | 5.48 |
| Bhutan | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.27 | 5.78 | 8.90 | Bhutan | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.27 | 5.07 | 7.69 | Bhutan | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.34 | 4.90 | 7.98 |
| Bhutan | Both | All ages | 0.62 | 0.53 | 0.71 | Bhutan | Male | All ages | 0.53 | 0.46 | 0.61 | Bhutan | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.30 | 6.56 | 10.10 |
| Bhutan | Both | 80-84 | 8.98 | 7.24 | 10.97 | Bhutan | Male | 80-84 | 7.79 | 6.27 | 9.58 | Bhutan | Female | All ages | 0.71 | 0.60 | 0.81 |
| Bhutan | Both | 85-89 | 10.53 | 8.65 | 12.62 | Bhutan | Male | 85-89 | 9.23 | 7.53 | 11.24 | Bhutan | Female | 80-84 | 10.21 | 8.18 | 12.53 |
| Bhutan | Both | 90-94 | 11.98 | 9.85 | 14.47 | Bhutan | Male | 90-94 | 10.62 | 8.73 | 12.85 | Bhutan | Female | 85-89 | 11.86 | 9.69 | 14.26 |
| Bolivia <br> (Plurinati onal <br> State of) | Both | 70-74 years | 5.81 | 4.42 | 7.33 | Bolivia (Plurinati onal State of) | Male | 70-74 years | 4.90 | 3.74 | 6.11 | Bolivia (Plurinati onal State of) | Female | 70-74 years | 6.61 | 4.99 | 8.60 |
| Bolivia <br> (Plurinati onal <br> State of) | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 7.72 | 6.17 | 9.48 | Bolivia (Plurinati onal State of) | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 6.52 | 5.21 | 7.98 | Bolivia <br> (Plurinati onal State of) | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 8.76 | 6.98 | 10.93 |
| Bolivia <br> (Plurinati onal <br> State of) | Both | All ages | 0.63 | 0.54 | 0.71 | Bolivia (Plurinati onal State of) | Male | All ages | 0.51 | 0.44 | 0.59 | Bolivia <br> (Plurinati onal <br> State of) | Female | All ages | 0.74 | 0.63 | 0.85 |
| Bolivia <br> (Plurinati onal <br> State of) | Both | 80-84 | 9.55 | 7.76 | 11.76 | Bolivia (Plurinati onal State of) | Male | 80-84 | 8.10 | 6.53 | 10.01 | Bolivia (Plurinati onal State of) | Female | 80-84 | 10.78 | 8.70 | 13.35 |
| Bolivia <br> (Plurinati onal <br> State of) | Both | 85-89 | 11.10 | 9.09 | 13.37 | Bolivia (Plurinati onal State of) | Male | 85-89 | 9.49 | 7.73 | 11.43 | Bolivia <br> (Plurinati onal State of) | Female | 85-89 | 12.38 | 10.09 | 14.97 |
| Bolivia (Plurinati onal State of) | Both | 90-94 | 12.40 | 10.23 | 14.92 | Bolivia (Plurinati onal State of) | Male | 90-94 | 10.76 | 8.83 | 12.97 | Bolivia (Plurinati onal State of) | Female | 90-94 | 13.62 | 11.19 | 16.46 |
| Bolivia (Plurinati onal State of) | Both | 40-44 years | 0.29 | 0.21 | 0.39 | Bolivia (Plurinati onal State of) | Male | 40-44 years | 0.25 | 0.18 | 0.34 | Bolivia (Plurinati onal State of) | Female | 40-44 years | 0.32 | 0.23 | 0.44 |
| Bolivia <br> (Plurinati onal State of) | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.60 | 0.46 | 0.77 | Bolivia (Plurinati onal State of) | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.52 | 0.40 | 0.67 | Bolivia <br> (Plurinati onal State of) | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.68 | 0.52 | 0.87 |
| Bolivia <br> (Plurinati onal <br> State of) | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.06 | 0.80 | 1.38 | Bolivia (Plurinati onal State of) | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 0.91 | 0.68 | 1.17 | Bolivia <br> (Plurinati onal State of) | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.20 | 0.90 | 1.57 |


|  | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.69 | 1.31 | 2.08 |  | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.45 | 1.11 | 1.77 | Bolivia (Plurinati onal State of) | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.93 | 1.49 | 2.40 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Both | 60-64 years | 2.54 | 1.99 | 3.15 |  | Male | 60-64 years | 2.15 | 1.69 | 2.67 | Bolivia (Plurinati onal State of) | Female | 60-64 years | 2.90 | 2.26 | 3.63 |
| Bolivia <br> (Plurinati <br> onal <br> State of) | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.95 | 3.14 | 4.85 | Bolivia <br> (Plurinati <br> onal <br> State of) | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.33 | 2.65 | 4.12 | Bolivia (Plurinati onal State of) | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.50 | 3.58 | 5.54 |
| Bosnia <br> and <br> $\begin{array}{l}\text { Herzegov } \\ \text { ina }\end{array}$ | Both | 40-44 years | 0.53 | 0.38 | 0.71 | Bosnia <br> and <br> Herzegov <br> ina | Male | $40-44$ <br> years | 0.48 | 0.35 | 0.66 | Bosnia <br> and <br> Herzegov <br> ina | Female | $40-44$ years | 0.57 | 0.42 | 0.77 |
|  | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.12 | 0.87 | 1.42 |  | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.01 | 0.78 | 1.28 |  | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.23 | 0.95 | 1.57 |
|  | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.00 | 1.52 | 2.61 |  | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.78 | 1.37 | 2.30 |  | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.22 | 1.64 | 2.89 |
| Bosnia and Herzegov ina | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.17 | 2.49 | 3.84 | Bosnia and Herzegov ina | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.81 | 2.21 | 3.44 | Bosnia and Herzegov ina | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.52 | 2.73 | 4.31 |
|  | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 4.68 | 3.70 | 5.73 |  | Male | $\begin{array}{\|l\|} \hline 60-64 \\ \text { years } \end{array}$ | 4.11 | 3.24 | 5.13 |  | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 5.19 | 4.10 | 6.40 |
| Bosnia <br> and <br> Herzegov <br> ina | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 7.06 | 5.67 | 8.57 | Bosnia <br> and <br> Herzegov <br> ina | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 6.12 | 4.88 | 7.53 | Bosnia and Herzegov ina | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 7.85 | 6.27 | 9.50 |
| Bosnia and Herzegov ina | Both | 70-74 years | 10.09 | 7.68 | 12.66 | Bosnia and Herzegov ina | Male | 70-74 years | 8.67 | 6.63 | 10.98 | Bosnia and Herzegov ina | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 11.18 | 8.57 | 14.10 |
|  | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 13.10 | 10.51 | 16.08 |  | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 11.25 | 8.90 | 13.76 |  | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 14.36 | 11.40 | 17.56 |
| Bosnia and Herzegov ina | Both | All ages | 2.81 | 2.42 | 3.23 | Bosnia and <br> Herzegov ina | Male | All ages | 2.22 | 1.88 | 2.55 | Bosnia and Herzegov ina | Female | All ages | 3.37 | 2.89 | 3.89 |
|  | Both | 80-84 | 15.82 | 12.97 | 19.20 |  | Male | 80-84 | 13.67 | 11.04 | 16.88 | Bosnia and Herzegov ina | Female | 80-84 | 17.14 | 13.95 | 20.91 |


| Bosnia and Herzegov ina | Both | 85-89 | 17.79 | 14.68 | 21.27 | Bosnia and Herzegov ina | Male | 85-89 | 15.58 | 12.68 | 18.99 | Bosnia <br> and <br> Herzegov ina | Female | 85-89 | 19.06 | 15.66 | 22.90 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Bosnia and Herzegov ina | Both | 90-94 | 19.14 | 15.98 | 22.64 | Bosnia and Herzegov ina | Male | 90-94 | 17.06 | 13.98 | 20.33 | Bosnia <br> and <br> Herzegov ina | Female | 90-94 | 20.20 | 16.85 | 24.08 |
| $\begin{aligned} & \hline \text { Botswan } \\ & \mathrm{a} \\ & \hline \end{aligned}$ | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.38 | 0.28 | 0.52 | $\begin{aligned} & \hline \text { Botswan } \\ & \mathrm{a} \\ & \hline \end{aligned}$ | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.32 | 0.23 | 0.44 | $\begin{aligned} & \text { Botswan } \\ & \text { a } \\ & \hline \end{aligned}$ | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.44 | 0.33 | 0.60 |
| $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.86 | 0.66 | 1.09 | $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.72 | 0.55 | 0.91 | $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.99 | 0.76 | 1.27 |
| $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.59 | 1.19 | 2.05 | $\begin{aligned} & \hline \text { Botswan } \\ & \mathrm{a} \\ & \hline \end{aligned}$ | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.31 | 1.00 | 1.69 | $\begin{aligned} & \text { Botswan } \\ & \text { a } \\ & \hline \end{aligned}$ | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.84 | 1.37 | 2.37 |
| $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.61 | 2.02 | 3.18 | $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.12 | 1.66 | 2.61 | $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.00 | 2.32 | 3.67 |
| $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Both | 60-64 years | 3.91 | 3.08 | 4.86 | $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 3.14 | 2.46 | 3.95 | $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Female | 60-64 years | 4.51 | 3.54 | 5.62 |
| $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.93 | 4.83 | 7.29 | $\begin{aligned} & \hline \text { Botswan } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.68 | 3.75 | 5.77 | $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.91 | 5.59 | 8.46 |
| $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.61 | 6.64 | 10.86 | $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.66 | 5.14 | 8.37 | $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Female | $70-74$ years | 10.02 | 7.73 | 12.77 |
| Botswan <br> a | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 11.61 | 9.31 | 14.25 | $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 8.83 | 6.99 | 10.81 | $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 13.26 | 10.65 | 16.20 |
| $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Both | All ages | 0.69 | 0.60 | 0.80 | $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Male | All ages | 0.48 | 0.41 | 0.55 | $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Female | All ages | 0.90 | 0.77 | 1.04 |
| $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Both | 80-84 | 14.68 | 11.90 | 17.90 | $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Male | 80-84 | 11.05 | 8.91 | 13.60 | $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Female | 80-84 | 16.38 | 13.32 | 19.91 |
| $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Both | 85-89 | 17.30 | 14.28 | 20.82 | $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Male | 85-89 | 13.01 | 10.61 | 15.79 | $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Female | 85-89 | 18.80 | 15.50 | 22.69 |
| $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Both | 90-94 | 19.40 | 16.07 | 22.96 | $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Male | 90-94 | 14.72 | 12.06 | 17.66 | $\begin{aligned} & \text { Botswan } \\ & \text { a } \end{aligned}$ | Female | 90-94 | 20.54 | 17.03 | 24.38 |
| Brazil | Both | $40-44$ years | 0.28 | 0.20 | 0.37 | Brazil | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.48 | 2.80 | 4.28 | Brazil | Female | $40-44$ years | 0.32 | 0.23 | 0.43 |
| Brazil | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.62 | 0.48 | 0.78 | Brazil | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 5.08 | 3.90 | 6.38 | Brazil | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.71 | 0.55 | 0.91 |
| Brazil | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.13 | 0.86 | 1.45 | Brazil | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 6.77 | 5.40 | 8.32 | Brazil | Female | $50-54$ years | 1.32 | 1.00 | 1.70 |
| Brazil | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.86 | 1.45 | 2.26 | Brazil | Male | All ages | 0.77 | 0.67 | 0.90 | Brazil | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.16 | 1.69 | 2.63 |
| Brazil | Both | 60-64 years | 2.81 | 2.22 | 3.48 | Brazil | Male | 80-84 | 8.46 | 6.88 | 10.42 | Brazil | Female | 60-64 years | 3.28 | 2.59 | 4.08 |
| Brazil | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.32 | 3.50 | 5.29 | Brazil | Male | 85-89 | 10.01 | 8.22 | 12.01 | Brazil | Female | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 5.03 | 4.08 | 6.16 |
| Brazil | Both | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 6.30 | 4.86 | 7.88 | Brazil | Male | 90-94 | 11.49 | 9.47 | 13.72 | Brazil | Female | 70-74 years | 7.29 | 5.63 | 9.09 |
| Brazil | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.40 | 6.70 | 10.23 | Brazil | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.24 | 0.17 | 0.32 | Brazil | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.63 | 7.68 | 11.71 |
| Brazil | Both | All ages | 1.04 | 0.91 | 1.20 | Brazil | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.52 | 0.40 | 0.65 | Brazil | Female | All ages | 1.29 | 1.12 | 1.48 |


| Brazil | Both | 80-84 | 10.49 | 8.59 | 12.84 | Brazil | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 0.93 | 0.71 | 1.19 | Brazil | Female | 80-84 | 11.86 | 9.72 | 14.53 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Brazil | Both | 85-89 | 12.33 | 10.16 | 14.78 | Brazil | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.51 | 1.18 | 1.84 | Brazil | Female | 85-89 | 13.69 | 11.26 | 16.45 |
| Brazil | Both | 90-94 | 13.89 | 11.51 | 16.48 | Brazil | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.27 | 1.78 | 2.81 | Brazil | Female | 90-94 | 15.18 | 12.58 | 18.01 |
| Brunei Darussal am | Both | $40-44$ years | 0.70 | 0.52 | 0.91 | Brunei Darussal am | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.34 | 0.24 | 0.45 | Brunei Darussal am | Female | $40-44$ years | 1.11 | 0.83 | 1.43 |
| Brunei Darussal am | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.26 | 0.99 | 1.59 | Brunei Darussal am | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.71 | 0.54 | 0.91 | Brunei Darussal am | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.84 | 1.44 | 2.30 |
| Brunei Darussal am | Both | 50-54 years | 1.93 | 1.49 | 2.43 | Brunei Darussal am | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.27 | 0.96 | 1.63 | Brunei Darussal am | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 2.61 | 2.02 | 3.32 |
| Brunei Darussal am | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.84 | 2.23 | 3.46 | Brunei Darussal am | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.11 | 1.67 | 2.57 | Brunei Darussal am | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.59 | 2.80 | 4.42 |
| Brunei Darussal am | Both | 60-64 years | 4.13 | 3.27 | 5.11 | Brunei Darussal am | Male | $60-64$ years | 3.23 | 2.53 | 3.99 | Brunei Darussal am | Female | 60-64 years | 5.01 | 3.94 | 6.16 |
| Brunei Darussal am | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 6.40 | 5.19 | 7.75 | Brunei Darussal am | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.84 | 3.91 | 5.86 | Brunei Darussal am | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 7.88 | 6.35 | 9.59 |
| Brunei Darussal am | Both | 70-74 years | 9.47 | 7.35 | 11.94 | Brunei Darussal am | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.84 | 5.31 | 8.55 | Brunei Darussal am | Female | 70-74 years | 11.84 | 9.20 | 15.05 |
| Brunei Darussal am | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 12.82 | 10.26 | 15.82 | Brunei Darussal am | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.85 | 7.04 | 10.93 | Brunei Darussal am | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 15.89 | 12.70 | 19.55 |
| Brunei <br> Darussal <br> am | Both | All ages | 0.97 | 0.84 | 1.11 | Brunei <br> Darussal <br> am | Male | All ages | 0.62 | 0.52 | 0.72 | Brunei <br> Darussal <br> am | Female | All ages | 1.35 | 1.16 | 1.55 |
| Brunei Darussal am | Both | 80-84 | 16.73 | 13.59 | 20.29 | Brunei Darussal am | Male | 80-84 | 10.82 | 8.62 | 13.26 | Brunei Darussal am | Female | 80-84 | 19.80 | 16.11 | 24.06 |
| Brunei Darussal am | Both | 85-89 | 21.29 | 17.62 | 25.51 | Brunei Darussal am | Male | 85-89 | 12.59 | 10.33 | 15.30 | Brunei Darussal am | Female | 85-89 | 22.88 | 18.95 | 27.47 |
| Brunei Darussal am | Both | 90-94 | 23.70 | 19.78 | 28.00 | Brunei Darussal am | Male | 90-94 | 14.09 | 11.65 | 16.86 | Brunei Darussal am | Female | 90-94 | 24.99 | 20.86 | 29.46 |
| Bulgaria | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.46 | 0.34 | 0.62 | Bulgaria | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.43 | 0.31 | 0.59 | Bulgaria | Female | $40-44$ years | 0.49 | 0.36 | 0.67 |
| Bulgaria | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.97 | 0.75 | 1.21 | Bulgaria | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.88 | 0.68 | 1.12 | Bulgaria | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.06 | 0.81 | 1.34 |
| Bulgaria | Both | $50-54$ years | 1.71 | 1.31 | 2.18 | Bulgaria | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.54 | 1.18 | 1.96 | Bulgaria | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.89 | 1.43 | 2.42 |
| Bulgaria | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.72 | 2.13 | 3.28 | Bulgaria | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.42 | 1.89 | 2.93 | Bulgaria | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.01 | 2.35 | 3.70 |


| Bulgaria | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.02 | 3.16 | 4.97 | Bulgaria | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.53 | 2.78 | 4.39 | Bulgaria | Female | 60-64 years | 4.46 | 3.48 | 5.57 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Bulgaria | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.06 | 4.88 | 7.42 | Bulgaria | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.26 | 4.23 | 6.45 | Bulgaria | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 6.70 | 5.35 | 8.23 |
| Bulgaria | Both | 70-74 years | 8.69 | 6.68 | 10.85 | Bulgaria | Male | 70-74 years | 7.47 | 5.76 | 9.40 | Bulgaria | Female | 70-74 years | 9.55 | 7.33 | 11.99 |
| Bulgaria | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 11.35 | 9.02 | 13.92 | Bulgaria | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 9.75 | 7.76 | 11.95 | Bulgaria | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 12.36 | 9.81 | 15.11 |
| Bulgaria | Both | All ages | 2.88 | 2.46 | 3.32 | Bulgaria | Male | All ages | 2.17 | 1.85 | 2.51 | Bulgaria | Female | All ages | 3.54 | 3.00 | 4.08 |
| Bulgaria | Both | 80-84 | 13.88 | 11.19 | 16.92 | Bulgaria | Male | 80-84 | 11.96 | 9.50 | 14.70 | Bulgaria | Female | 80-84 | 14.95 | 12.05 | 18.16 |
| Bulgaria | Both | 85-89 | 15.89 | 13.03 | 19.14 | Bulgaria | Male | 85-89 | 13.86 | 11.31 | 16.80 | Bulgaria | Female | 85-89 | 16.93 | 13.89 | 20.51 |
| Bulgaria | Both | 90-94 | 17.46 | 14.52 | 21.05 | Bulgaria | Male | 90-94 | 15.51 | 12.81 | 18.70 | Bulgaria | Female | 90-94 | 18.37 | 15.21 | 22.03 |
| Burkina Faso | Both | $40-44$ years | 0.29 | 0.20 | 0.38 | Burkina Faso | Male | $40-44$ years | 0.26 | 0.19 | 0.35 | Burkina <br> Faso | Female | $40-44$ years | 0.30 | 0.22 | 0.41 |
| Burkina Faso | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.62 | 0.48 | 0.79 | Burkina Faso | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.57 | 0.44 | 0.73 | Burkina <br> Faso | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.67 | 0.51 | 0.84 |
| Burkina Faso | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.13 | 0.86 | 1.45 | Burkina <br> Faso | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.04 | 0.79 | 1.34 | Burkina <br> Faso | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.21 | 0.91 | 1.55 |
| Burkina Faso | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.83 | 1.43 | 2.27 | Burkina <br> Faso | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.66 | 1.29 | 2.06 | Burkina <br> Faso | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.97 | 1.54 | 2.44 |
| Burkina Faso | Both | 60-64 years | 2.70 | 2.14 | 3.39 | Burkina Faso | Male | 60-64 years | 2.43 | 1.90 | 3.08 | Burkina Faso | Female | 60-64 years | 2.94 | 2.35 | 3.68 |
| Burkina Faso | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.04 | 3.22 | 4.99 | Burkina Faso | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.58 | 2.83 | 4.45 | Burkina Faso | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.44 | 3.56 | 5.46 |
| Burkina Faso | Both | $70-74$ years | 5.78 | 4.52 | 7.32 | Burkina Faso | Male | $70-74$ years | 5.05 | 3.90 | 6.37 | Burkina Faso | Female | $70-74$ years | 6.37 | 4.97 | 8.12 |
| Burkina Faso | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.63 | 6.15 | 9.29 | Burkina Faso | Male | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.65 | 5.31 | 8.14 | Burkina Faso | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.41 | 6.79 | 10.21 |
| Burkina Faso | Both | All ages | 0.32 | 0.28 | 0.37 | Burkina Faso | Male | All ages | 0.26 | 0.23 | 0.31 | Burkina Faso | Female | All ages | 0.37 | 0.32 | 0.43 |
| Burkina Faso | Both | 80-84 | 9.49 | 7.68 | 11.65 | Burkina Faso | Male | 80-84 | 8.28 | 6.62 | 10.14 | Burkina Faso | Female | 80-84 | 10.39 | 8.34 | 12.82 |
| Burkina Faso | Both | 85-89 | 11.12 | 9.00 | 13.46 | Burkina Faso | Male | 85-89 | 9.75 | 7.95 | 11.79 | Burkina Faso | Female | 85-89 | 12.03 | 9.77 | 14.68 |
| Burkina Faso | Both | 90-94 | 12.57 | 10.23 | 15.23 | Burkina Faso | Male | 90-94 | 11.08 | 9.12 | 13.46 | Burkina Faso | Female | 90-94 | 13.37 | 10.88 | 16.34 |
| Burundi | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.30 | 0.21 | 0.40 | Burundi | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.27 | 0.19 | 0.36 | Burundi | Female | $40-44$ years | 0.33 | 0.24 | 0.45 |
| Burundi | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.65 | 0.50 | 0.83 | Burundi | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.58 | 0.44 | 0.74 | Burundi | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.73 | 0.56 | 0.93 |
| Burundi | Both | $50-54$ years | 1.18 | 0.90 | 1.49 | Burundi | Male | $50-54$ years | 1.04 | 0.79 | 1.32 | Burundi | Female | $50-54$ years | 1.33 | 1.01 | 1.71 |
| Burundi | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.90 | 1.48 | 2.33 | Burundi | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.67 | 1.31 | 2.05 | Burundi | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.16 | 1.68 | 2.69 |


| Burundi | Both | 60-64 years | 2.81 | 2.21 | 3.53 | Burundi | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 2.45 | 1.92 | 3.08 | Burundi | Female | 60-64 years | 3.22 | 2.52 | 4.07 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Burundi | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.21 | 3.35 | 5.16 | Burundi | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.63 | 2.88 | 4.48 | Burundi | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.87 | 3.85 | 6.06 |
| Burundi | Both | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 6.04 | 4.62 | 7.54 | Burundi | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.15 | 3.98 | 6.45 | Burundi | Female | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 7.00 | 5.38 | 8.77 |
| Burundi | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.01 | 6.47 | 9.74 | Burundi | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 6.78 | 5.46 | 8.25 | Burundi | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 9.25 | 7.40 | 11.28 |
| Burundi | Both | All ages | 0.31 | 0.27 | 0.36 | Burundi | Male | All ages | 0.28 | 0.24 | 0.33 | Burundi | Female | All ages | 0.34 | 0.29 | 0.39 |
| Burundi | Both | 80-84 | 10.01 | 8.06 | 12.20 | Burundi | Male | 80-84 | 8.41 | 6.70 | 10.34 | Burundi | Female | 80-84 | 11.41 | 9.27 | 13.91 |
| Burundi | Both | 85-89 | 11.72 | 9.61 | 14.06 | Burundi | Male | 85-89 | 9.84 | 7.93 | 11.86 | Burundi | Female | 85-89 | 13.07 | 10.75 | 15.75 |
| Burundi | Both | 90-94 | 13.17 | 10.88 | 15.78 | Burundi | Male | 90-94 | 11.11 | 9.05 | 13.36 | Burundi | Female | 90-94 | 14.30 | 11.78 | 17.24 |
| Cabo Verde | Both | 60-64 years | 3.10 | 2.44 | 3.85 | Cabo Verde | Male | 60-64 years | 2.73 | 2.14 | 3.40 | Cabo Verde | Female | $40-44$ years | 0.33 | 0.23 | 0.46 |
| Cabo Verde | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.68 | 3.77 | 5.75 | Cabo <br> Verde | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.06 | 3.25 | 4.99 | Cabo Verde | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.73 | 0.56 | 0.93 |
| Cabo Verde | Both | $70-74$ years | 6.69 | 5.14 | 8.45 | Cabo Verde | Male | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 5.76 | 4.52 | 7.29 | Cabo Verde | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.34 | 1.00 | 1.74 |
| Cabo Verde | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.84 | 7.07 | 10.77 | Cabo Verde | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 7.57 | 6.11 | 9.33 | Cabo Verde | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.23 | 1.75 | 2.72 |
| $\begin{aligned} & \text { Cabo } \\ & \text { Verde } \end{aligned}$ | Both | All ages | 0.77 | 0.66 | 0.87 | $\begin{aligned} & \text { Cabo } \\ & \text { Verde } \end{aligned}$ | Male | All ages | 0.57 | 0.49 | 0.65 | $\begin{aligned} & \text { Cabo } \\ & \text { Verde } \end{aligned}$ | Female | 60-64 years | 3.39 | 2.66 | 4.22 |
| Cabo Verde | Both | 80-84 | 10.96 | 8.90 | 13.46 | Cabo Verde | Male | 80-84 | 9.38 | 7.51 | 11.55 | Cabo Verde | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.13 | 4.12 | 6.36 |
| $\begin{aligned} & \hline \text { Cabo } \\ & \text { Verde } \end{aligned}$ | Both | 85-89 | 12.74 | 10.45 | 15.40 | $\begin{aligned} & \text { Cabo } \\ & \text { Verde } \end{aligned}$ | Male | 85-89 | 11.02 | 9.01 | 13.37 | $\begin{aligned} & \hline \text { Cabo } \\ & \text { Verde } \end{aligned}$ | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.32 | 5.58 | 9.27 |
| Cabo Verde | Both | 90-94 | 14.23 | 11.69 | 17.04 | Cabo Verde | Male | 90-94 | 12.51 | 10.19 | 15.10 | Cabo Verde | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 9.62 | 7.67 | 11.81 |
| $\begin{aligned} & \text { Cabo } \\ & \text { Verde } \end{aligned}$ | Both | 40-44 <br> years | 0.31 | 0.22 | 0.42 | $\begin{aligned} & \text { Cabo } \\ & \text { Verde } \end{aligned}$ | Male | $\begin{array}{\|l\|} \hline 40-44 \\ \text { years } \end{array}$ | 0.29 | 0.20 | 0.39 | $\begin{aligned} & \text { Cabo } \\ & \text { Verde } \end{aligned}$ | Female | All ages | 0.96 | 0.84 | 1.10 |
| $\begin{aligned} & \hline \text { Cabo } \\ & \text { Verde } \end{aligned}$ | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.68 | 0.52 | 0.86 | $\begin{aligned} & \hline \text { Cabo } \\ & \text { Verde } \end{aligned}$ | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.63 | 0.49 | 0.81 | $\begin{aligned} & \hline \text { Cabo } \\ & \text { Verde } \end{aligned}$ | Female | 80-84 | 11.84 | 9.59 | 14.53 |
| $\begin{aligned} & \hline \text { Cabo } \\ & \text { Verde } \end{aligned}$ | Both | 50-54 years | 1.24 | 0.93 | 1.61 | $\begin{aligned} & \hline \text { Cabo } \\ & \text { Verde } \end{aligned}$ | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.14 | 0.86 | 1.50 | $\begin{aligned} & \hline \text { Cabo } \\ & \text { Verde } \end{aligned}$ | Female | 85-89 | 13.70 | 11.23 | 16.62 |
| Cabo Verde | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.04 | 1.60 | 2.50 | Cabo Verde | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.84 | 1.43 | 2.26 | Cabo Verde | Female | 90-94 | 15.22 | 12.47 | 18.22 |
| $\begin{aligned} & \text { Cambodi } \\ & \text { a } \end{aligned}$ | Both | 40-44 <br> years | 0.55 | 0.41 | 0.72 | $\begin{aligned} & \text { Cambodi } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.48 | 0.36 | 0.65 | $\begin{aligned} & \text { Cambodi } \\ & \text { a } \end{aligned}$ | Female | 40-44 years | 0.61 | 0.45 | 0.80 |
| Cambodi <br> a | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.20 | 0.93 | 1.52 | Cambodi <br> a | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.02 | 0.80 | 1.28 | Cambodi <br> a | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.36 | 1.04 | 1.73 |
| Cambodi <br> a | Both | $50-54$ years | 2.15 | 1.64 | 2.78 | Cambodi <br> a | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.79 | 1.38 | 2.30 | Cambodi $\mathrm{a}$ | Female | 50-54 <br> years | 2.46 | 1.86 | 3.20 |
| $\begin{aligned} & \text { Cambodi } \\ & \text { a } \end{aligned}$ | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.33 | 2.61 | 4.07 | $\begin{aligned} & \text { Cambodi } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.74 | 2.12 | 3.35 | $\begin{aligned} & \text { Cambodi } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.81 | 2.99 | 4.71 |


| Cambodi <br> a | Both | 60-64 years | 4.74 | 3.68 | 5.84 | Cambodi <br> a | Male | $\overline{60-64}$ years | 3.82 | 2.99 | 4.66 | Cambodi <br> a | Female | $60-64$ years | 5.39 | 4.15 | 6.67 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cambodi <br> a | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.79 | 5.44 | 8.33 | Cambodi <br> a | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.29 | 4.24 | 6.45 | Cambodi <br> a | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.75 | 6.15 | 9.47 |
| $\begin{aligned} & \text { Cambodi } \\ & \text { a } \end{aligned}$ | Both | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.28 | 7.22 | 11.70 | $\begin{aligned} & \text { Cambodi } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.09 | 5.56 | 8.84 | $\begin{aligned} & \text { Cambodi } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.69 | 8.29 | 13.56 |
| $\begin{aligned} & \text { Cambodi } \\ & \text { a } \end{aligned}$ | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.72 | 9.37 | 14.34 | $\begin{aligned} & \text { Cambodi } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 8.84 | 7.08 | 10.75 | $\begin{aligned} & \text { Cambodi } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 13.51 | 10.73 | 16.64 |
| $\begin{aligned} & \text { Cambodi } \\ & \text { a } \end{aligned}$ | Both | All ages | 0.99 | 0.85 | 1.14 | $\begin{aligned} & \text { Cambodi } \\ & \text { a } \end{aligned}$ | Male | All ages | 0.67 | 0.57 | 0.77 | $\begin{aligned} & \text { Cambodi } \\ & \text { a } \end{aligned}$ | Female | All ages | 1.30 | 1.11 | 1.49 |
| $\begin{aligned} & \text { Cambodi } \\ & \text { a } \end{aligned}$ | Both | 80-84 | 13.93 | 11.55 | 16.99 | $\begin{aligned} & \text { Cambodi } \\ & \text { a } \end{aligned}$ | Male | 80-84 | 10.43 | 8.48 | 12.72 | $\begin{aligned} & \text { Cambodi } \\ & \text { a } \end{aligned}$ | Female | 80-84 | 15.95 | 13.07 | 19.52 |
| $\begin{aligned} & \text { Cambodi } \\ & \text { a } \end{aligned}$ | Both | 85-89 | 15.50 | 12.82 | 18.67 | $\begin{aligned} & \text { Cambodi } \\ & \text { a } \end{aligned}$ | Male | 85-89 | 11.67 | 9.59 | 14.08 | $\begin{aligned} & \text { Cambodi } \\ & \text { a } \end{aligned}$ | Female | 85-89 | 17.56 | 14.48 | 21.18 |
| $\begin{aligned} & \text { Cambodi } \\ & \text { a } \end{aligned}$ | Both | 90-94 | 16.62 | 13.91 | 19.67 | $\begin{aligned} & \text { Cambodi } \\ & \text { a } \end{aligned}$ | Male | 90-94 | 12.62 | 10.45 | 15.00 | $\begin{aligned} & \text { Cambodi } \\ & \text { a } \end{aligned}$ | Female | 90-94 | 18.47 | 15.41 | 21.94 |
| $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Both | $40-44$ years | 0.29 | 0.21 | 0.39 | $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.27 | 0.19 | 0.36 | $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Female | 80-84 | 10.81 | 8.67 | 13.39 |
| $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.64 | 0.49 | 0.82 | $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.59 | 0.45 | 0.76 | $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Female | 85-89 | 12.59 | 10.30 | 15.36 |
| $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Both | 50-54 years | 1.16 | 0.88 | 1.52 | $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.07 | 0.81 | 1.39 | $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Female | 90-94 | 14.06 | 11.55 | 17.04 |
| $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.87 | 1.47 | 2.29 | $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Male | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.71 | 1.32 | 2.10 | $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.31 | 0.23 | 0.42 |
| $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Both | 60-64 years | 2.77 | 2.16 | 3.46 | $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Male | $60-64$ years | 2.50 | 1.94 | 3.15 | $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.69 | 0.53 | 0.89 |
| $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.15 | 3.32 | 5.13 | $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 3.71 | 2.96 | 4.60 | $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.25 | 0.94 | 1.64 |
| $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Both | 70-74 years | 5.96 | 4.59 | 7.53 | $\begin{aligned} & \hline \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 5.28 | 4.08 | 6.69 | $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.04 | 1.58 | 2.52 |
| $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Both | $\begin{aligned} & \begin{array}{l} 75-79 \\ \text { years } \end{array} \end{aligned}$ | 7.92 | 6.28 | 9.74 | $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 6.97 | 5.55 | 8.60 | $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 3.04 | 2.38 | 3.82 |
| $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Both | All ages | 0.34 | 0.29 | 0.39 | $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Male | All ages | 0.30 | 0.25 | 0.34 | $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.59 | 3.65 | 5.64 |
| $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Both | 80-84 | 9.91 | 7.97 | 12.26 | $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Male | 80-84 | 8.67 | 6.90 | 10.73 | $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Female | $\begin{array}{\|l\|} \hline 70-74 \\ \text { years } \\ \hline \end{array}$ | 6.59 | 5.08 | 8.40 |
| $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Both | 85-89 | 11.67 | 9.54 | 14.15 | $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Male | 85-89 | 10.21 | 8.27 | 12.35 | $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.72 | 6.97 | 10.80 |
| $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Both | 90-94 | 13.24 | 10.94 | 16.00 | $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Male | 90-94 | 11.62 | 9.56 | 13.92 | $\begin{aligned} & \text { Cameroo } \\ & \mathrm{n} \end{aligned}$ | Female | All ages | 0.38 | 0.33 | 0.44 |
| Canada | Both | $40-44$ years | 1.09 | 0.82 | 1.41 | Canada | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.66 | 0.49 | 0.89 | Canada | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 1.49 | 1.11 | 1.94 |
| Canada | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.89 | 1.49 | 2.32 | Canada | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.37 | 1.06 | 1.73 | Canada | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 2.37 | 1.88 | 2.98 |
| Canada | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.86 | 2.23 | 3.55 | Canada | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.46 | 1.88 | 3.13 | Canada | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 3.23 | 2.52 | 4.07 |
| Canada | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.30 | 3.43 | 5.18 | Canada | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.19 | 3.26 | 5.09 | Canada | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.41 | 3.50 | 5.37 |


| Canada | Both | $\overline{60-64}$ years | 6.42 | 5.14 | 7.85 | Canada | Male | $\overline{60-64}$ years | 6.57 | 5.20 | 8.21 | Canada | Female | $\overline{60-64}$ years | 6.27 | 4.99 | 7.62 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Canada | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.04 | 8.19 | 12.16 | Canada | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.04 | 8.08 | 12.34 | Canada | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.05 | 8.19 | 12.14 |
| Canada | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 14.62 | 11.40 | 18.24 | Canada | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 14.14 | 10.93 | 17.66 | Canada | Female | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 15.05 | 11.73 | 19.07 |
| Canada | Both | $\begin{aligned} & \hline 75-79 \\ & \text { vears } \end{aligned}$ | 18.89 | 15.15 | 22.92 | Canada | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 17.85 | 14.09 | 21.99 | Canada | Female | $\begin{aligned} & \hline 75-79 \\ & \text { vears } \end{aligned}$ | 19.79 | 16.03 | 24.31 |
| Canada | Both | All ages | 4.37 | 3.78 | 4.98 | Canada | Male | All ages | 3.91 | 3.34 | 4.53 | Canada | Female | All ages | 4.80 | 4.14 | 5.48 |
| Canada | Both | 80-84 | 22.79 | 18.88 | 27.16 | Canada | Male | 80-84 | 21.09 | 17.20 | 25.43 | Canada | Female | 80-84 | 24.13 | 19.86 | 28.95 |
| Canada | Both | 85-89 | 26.15 | 21.99 | 30.97 | Canada | Male | 85-89 | 23.70 | 19.71 | 28.19 | Canada | Female | 85-89 | 27.78 | 23.42 | 33.19 |
| Canada | Both | 90-94 | 28.81 | 24.34 | 33.72 | Canada | Male | 90-94 | 25.52 | 21.36 | 30.04 | Canada | Female | 90-94 | 30.41 | 25.66 | 35.71 |
| Central <br> African <br> Republic | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.34 | 0.24 | 0.45 | Central African Republic | Male | $\begin{array}{\|l\|} \hline \begin{array}{l} 40-44 \\ \text { years } \end{array} \\ \hline \end{array}$ | 0.29 | 0.21 | 0.38 | Central <br> African <br> Republic | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.39 | 0.28 | 0.52 |
| Central <br> African <br> Republic | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.75 | 0.58 | 0.95 | Central <br> African <br> Republic | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.63 | 0.48 | 0.80 | Central <br> African <br> Republic | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.88 | 0.68 | 1.13 |
| Central <br> African <br> Republic | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.37 | 1.03 | 1.76 | Central <br> African <br> Republic | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.13 | 0.86 | 1.45 | Central <br> African <br> Republic | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.61 | 1.22 | 2.07 |
| Central <br> African <br> Republic | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.22 | 1.74 | 2.73 | Central <br> African <br> Republic | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.81 | 1.43 | 2.21 | Central <br> African <br> Republic | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.61 | 2.03 | 3.25 |
| Central <br> African <br> Republic | Both | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 3.33 | 2.63 | 4.17 | Central <br> African <br> Republic | Male | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 2.66 | 2.09 | 3.28 | Central <br> African <br> Republic | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 3.90 | 3.10 | 4.92 |
| Central <br> African <br> Republic | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.12 | 4.08 | 6.26 | Central <br> African <br> Republic | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.96 | 3.13 | 4.83 | Central <br> African <br> Republic | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 6.03 | 4.79 | 7.38 |
| Central <br> African <br> Republic | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.54 | 5.77 | 9.43 | Central African Republic | Male | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 5.64 | 4.30 | 7.06 | Central <br> African <br> Republic | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 8.80 | 6.74 | 11.12 |
| Central <br> African <br> Republic | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 10.11 | 8.13 | 12.33 | Central African Republic | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 7.42 | 5.93 | 9.04 | Central <br> African <br> Republic | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 11.55 | 9.30 | 14.06 |
| Central <br> African <br> Republic | Both | All ages | 0.38 | 0.32 | 0.43 | Central <br> African <br> Republic | Male | All ages | 0.27 | 0.23 | 0.31 | Central <br> African <br> Republic | Female | All ages | 0.48 | 0.41 | 0.55 |
| Central <br> African <br> Republic | Both | 80-84 | 12.52 | 10.11 | 15.22 | Central <br> African <br> Republic | Male | 80-84 | 9.17 | 7.30 | 11.22 | Central <br> African <br> Republic | Female | 80-84 | 14.04 | 11.29 | 17.08 |
| Central <br> African <br> Republic | Both | 85-89 | 14.33 | 11.69 | 17.24 | Central African Republic | Male | 85-89 | 10.66 | 8.66 | 12.78 | Central <br> African <br> Republic | Female | 85-89 | 15.81 | 12.83 | 19.02 |
| Central African | Both | 90-94 | 15.62 | 12.87 | 18.56 | Central African | Male | 90-94 | 11.91 | 9.77 | 14.40 | Central African | Female | 90-94 | 16.95 | 13.85 | 20.13 |


| Republic |  |  |  |  |  | Republic |  |  |  |  |  | Republic |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Chad | Both | $40-44$ years | 0.28 | 0.20 | 0.38 | Chad | Male | $40-44$ years | 0.26 | 0.19 | 0.35 | Chad | Female | $40-44$ years | 0.30 | 0.22 | 0.41 |
| Chad | Both | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.62 | 0.47 | 0.79 | Chad | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.57 | 0.44 | 0.74 | Chad | Female | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.66 | 0.51 | 0.83 |
| Chad | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.11 | 0.83 | 1.43 | Chad | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.03 | 0.77 | 1.35 | Chad | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.20 | 0.90 | 1.53 |
| Chad | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.78 | 1.40 | 2.19 | Chad | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.65 | 1.27 | 2.03 | Chad | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.95 | 1.54 | 2.39 |
| Chad | Both | $60-64$ years | 2.63 | 2.07 | 3.27 | Chad | Male | $60-64$ years | 2.41 | 1.88 | 3.03 | Chad | Female | 60-64 years | 2.89 | 2.30 | 3.59 |
| Chad | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.91 | 3.15 | 4.78 | Chad | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.56 | 2.88 | 4.41 | Chad | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.36 | 3.48 | 5.37 |
| Chad | Both | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.56 | 4.34 | 6.97 | Chad | Male | $70-74$ years | 5.03 | 3.94 | 6.42 | Chad | Female | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.26 | 4.82 | 7.92 |
| Chad | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 7.37 | 5.96 | 9.02 | Chad | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 6.62 | 5.34 | 8.19 | Chad | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.29 | 6.68 | 10.18 |
| Chad | Both | All ages | 0.27 | 0.23 | 0.31 | Chad | Male | All ages | 0.27 | 0.23 | 0.31 | Chad | Female | All ages | 0.27 | 0.23 | 0.31 |
| Chad | Both | 80-84 | 9.21 | 7.50 | 11.28 | Chad | Male | 80-84 | 8.24 | 6.64 | 10.20 | Chad | Female | 80-84 | 10.30 | 8.30 | 12.66 |
| Chad | Both | 85-89 | 10.84 | 8.87 | 13.03 | Chad | Male | 85-89 | 9.70 | 7.88 | 11.74 | Chad | Female | 85-89 | 11.97 | 9.75 | 14.39 |
| Chad | Both | 90-94 | 12.44 | 10.23 | 14.89 | Chad | Male | 90-94 | 11.04 | 9.00 | 13.27 | Chad | Female | 90-94 | 13.34 | 10.99 | 15.96 |
| Chile | Both | $40-44$ years | 0.74 | 0.55 | 0.99 | Chile | Male | 40-44 years | 0.39 | 0.28 | 0.53 | Chile | Female | 40-44 years | 1.07 | 0.79 | 1.43 |
| Chile | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.33 | 1.04 | 1.65 | Chile | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.84 | 0.64 | 1.05 | Chile | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.79 | 1.40 | 2.25 |
| Chile | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.06 | 1.60 | 2.58 | Chile | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.52 | 1.15 | 1.92 | Chile | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.57 | 1.98 | 3.24 |
| Chile | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.08 | 2.45 | 3.75 | Chile | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.56 | 2.01 | 3.15 | Chile | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.55 | 2.82 | 4.33 |
| Chile | Both | 60-64 years | 4.50 | 3.61 | 5.53 | Chile | Male | 60-64 years | 3.94 | 3.11 | 4.91 | Chile | Female | 60-64 years | 5.00 | 4.01 | 6.14 |
| Chile | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.98 | 5.63 | 8.50 | Chile | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.96 | 4.76 | 7.30 | Chile | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.87 | 6.34 | 9.58 |
| Chile | Both | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 10.24 | 7.94 | 12.79 | Chile | Male | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 8.43 | 6.47 | 10.49 | Chile | Female | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 11.75 | 9.12 | 14.83 |
| Chile | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 13.49 | 10.84 | 16.43 | Chile | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.74 | 8.50 | 13.14 | Chile | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 15.58 | 12.50 | 19.04 |
| Chile | Both | All ages | 2.17 | 1.86 | 2.48 | Chile | Male | All ages | 1.59 | 1.37 | 1.86 | Chile | Female | All ages | 2.71 | 2.32 | 3.08 |
| Chile | Both | 80-84 | 16.52 | 13.45 | 19.88 | Chile | Male | 80-84 | 12.79 | 10.40 | 15.71 | Chile | Female | 80-84 | 19.07 | 15.44 | 22.82 |
| Chile | Both | 85-89 | 18.95 | 15.78 | 22.48 | Chile | Male | 85-89 | 14.39 | 11.72 | 17.39 | Chile | Female | 85-89 | 21.69 | 18.02 | 25.94 |


| Chile | Both | 90-94 | 20.54 | 17.25 | 24.41 | Chile | Male | 90-94 | 15.56 | 12.87 | 18.53 | Chile | Female | 90-94 | 23.39 | 19.66 | 27.76 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| China | Both | 40-44 years | 0.51 | 0.38 | 0.67 | China | Male | $40-44$ <br> years | 0.32 | 0.23 | 0.43 | China | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.71 | 0.53 | 0.91 |
| China | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.21 | 0.94 | 1.52 | China | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.69 | 0.54 | 0.87 | China | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.73 | 1.35 | 2.20 |
| China | Both | 50-54 years | 2.26 | 1.72 | 2.92 | China | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.24 | 0.95 | 1.57 | China | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.29 | 2.49 | 4.26 |
| China | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.52 | 2.76 | 4.27 | China | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.90 | 1.51 | 2.30 | China | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 5.14 | 4.02 | 6.26 |
| China | Both | 60-64 years | 4.90 | 3.83 | 5.95 | China | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.64 | 2.09 | 3.21 | China | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.18 | 5.60 | 8.75 |
| China | Both | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 6.73 | 5.48 | 8.19 | China | Male | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.53 | 2.90 | 4.30 | China | Female | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.81 | 7.97 | 11.94 |
| China | Both | 70-74 years | 8.80 | 6.94 | 10.88 | China | Male | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 4.55 | 3.60 | 5.63 | China | Female | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 12.84 | 10.09 | 15.88 |
| China | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.91 | 8.85 | 13.21 | China | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.57 | 4.49 | 6.71 | China | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 15.71 | 12.70 | 19.06 |
| China | Both | All ages | 2.09 | 1.80 | 2.39 | China | Male | All ages | 1.05 | 0.90 | 1.20 | China | Female | All ages | 3.15 | 2.71 | 3.60 |
| China | Both | 80-84 | 13.11 | 10.77 | 15.85 | China | Male | 80-84 | 6.57 | 5.40 | 7.96 | China | Female | 80-84 | 18.24 | 14.91 | 22.04 |
| China | Both | 85-89 | 15.61 | 12.97 | 18.74 | China | Male | 85-89 | 7.53 | 6.21 | 8.98 | China | Female | 85-89 | 19.96 | 16.55 | 23.94 |
| China | Both | 90-94 | 18.88 | 15.87 | 22.30 | China | Male | 90-94 | 8.66 | 7.15 | 10.30 | China | Female | 90-94 | 21.01 | 17.58 | 24.85 |
| Colombi <br> a | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.64 | 0.50 | 0.81 | Colombi <br> a | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.29 | 0.20 | 0.39 | $\begin{aligned} & \hline \text { Colombi } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.69 | 0.53 | 0.88 |
| $\begin{aligned} & \text { Colombi } \\ & \text { a } \end{aligned}$ | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.13 | 0.86 | 1.44 | $\begin{aligned} & \text { Colombi } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.59 | 0.45 | 0.75 | $\begin{aligned} & \hline \text { Colombi } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.21 | 0.92 | 1.56 |
| $\begin{aligned} & \text { Colombi } \\ & \text { a } \end{aligned}$ | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.82 | 1.41 | 2.21 | Colombi <br> a | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.03 | 0.79 | 1.32 | $\begin{aligned} & \hline \text { Colombi } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.96 | 1.51 | 2.40 |
| $\begin{aligned} & \text { Colombi } \\ & \text { a } \end{aligned}$ | Both | $60-64$ years | 2.80 | 2.17 | 3.47 | $\begin{aligned} & \text { Colombi } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.66 | 1.28 | 2.06 | $\begin{aligned} & \text { Colombi } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 3.01 | 2.33 | 3.71 |
| $\begin{aligned} & \text { Colombi } \\ & \text { a } \end{aligned}$ | Both | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 4.49 | 3.57 | 5.47 | $\begin{aligned} & \text { Colombi } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 2.55 | 1.97 | 3.20 | $\begin{aligned} & \text { Colombi } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.79 | 3.82 | 5.91 |
| $\begin{aligned} & \text { Colombi } \\ & \text { a } \end{aligned}$ | Both | 70-74 years | 6.73 | 5.19 | 8.52 | $\begin{aligned} & \text { Colombi } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.13 | 3.31 | 5.05 | $\begin{aligned} & \text { Colombi } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.14 | 5.47 | 9.07 |
| $\begin{aligned} & \text { Colombi } \\ & \text { a } \end{aligned}$ | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.98 | 7.21 | 11.03 | Colombi <br> a | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.23 | 4.78 | 7.96 | $\begin{aligned} & \text { Colombi } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 9.53 | 7.60 | 11.74 |
| $\begin{aligned} & \text { Colombi } \\ & \text { a } \end{aligned}$ | Both | All ages | 1.14 | 0.98 | 1.30 | $\begin{aligned} & \text { Colombi } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 8.31 | 6.69 | 10.39 | $\begin{aligned} & \text { Colombi } \\ & \text { a } \end{aligned}$ | Female | All ages | 1.28 | 1.11 | 1.46 |
| $\begin{aligned} & \text { Colombi } \\ & \text { a } \end{aligned}$ | Both | 80-84 | 11.07 | 9.06 | 13.50 | Colombi <br> a | Male | All ages | 0.98 | 0.83 | 1.12 | $\begin{aligned} & \hline \text { Colombi } \\ & \text { a } \end{aligned}$ | Female | 80-84 | 11.72 | 9.44 | 14.32 |
| $\begin{aligned} & \text { Colombi } \\ & \text { a } \\ & \hline \end{aligned}$ | Both | 40-44 years | 0.31 | 0.22 | 0.42 | $\begin{aligned} & \text { Colombi } \\ & \text { a } \end{aligned}$ | Male | 80-84 | 10.20 | 8.18 | 12.60 | $\begin{aligned} & \text { Colombi } \\ & \text { a } \end{aligned}$ | Female | 85-89 | 13.35 | 10.82 | 16.20 |
| $\begin{aligned} & \text { Colombi } \\ & \text { a } \end{aligned}$ | Both | 85-89 | 12.66 | 10.35 | 15.35 | $\begin{aligned} & \text { Colombi } \\ & \text { a } \end{aligned}$ | Male | 85-89 | 11.71 | 9.54 | 14.23 | $\begin{aligned} & \hline \text { Colombi } \\ & \text { a } \end{aligned}$ | Female | 90-94 | 14.51 | 11.82 | 17.43 |


| Colombi <br> a | Both | 90-94 | 13.85 | 11.38 | 16.60 | Colombi <br> a | Male | 90-94 | 12.93 | 10.66 | 15.52 | Colombi <br> a | Female | $40-44$ years | 0.33 | 0.24 | 0.45 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Comoros | Both | 90-94 | 13.42 | 11.02 | 16.07 | Comoros | Male | 90-94 | 11.35 | 9.18 | 13.79 | Comoros | Female | 90-94 | 14.67 | 12.00 | 17.65 |
| Comoros | Both | $40-44$ years | 0.30 | 0.22 | 0.40 | Comoros | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.27 | 0.19 | 0.36 | Comoros | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.33 | 0.24 | 0.44 |
| Comoros | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.66 | 0.51 | 0.84 | Comoros | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.58 | 0.45 | 0.74 | Comoros | Female | $\begin{aligned} & \text { 45-49 } \\ & \text { years } \end{aligned}$ | 0.74 | 0.56 | 0.95 |
| Comoros | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.20 | 0.90 | 1.53 | Comoros | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.05 | 0.78 | 1.35 | Comoros | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.35 | 1.00 | 1.75 |
| Comoros | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.95 | 1.53 | 2.38 | Comoros | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.69 | 1.31 | 2.08 | Comoros | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.18 | 1.70 | 2.69 |
| Comoros | Both | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 2.91 | 2.29 | 3.66 | Comoros | Male | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 2.49 | 1.95 | 3.13 | Comoros | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.25 | 2.55 | 4.12 |
| Comoros | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.38 | 3.49 | 5.43 | Comoros | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.68 | 2.93 | 4.56 | Comoros | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.93 | 3.93 | 6.11 |
| Comoros | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.28 | 4.84 | 7.91 | Comoros | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.21 | 4.05 | 6.57 | Comoros | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.09 | 5.43 | 9.03 |
| Comoros | Both | $\begin{aligned} & \begin{array}{l} 75-79 \\ \text { years } \end{array} \end{aligned}$ | 8.28 | 6.56 | 10.11 | Comoros | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 6.86 | 5.47 | 8.42 | Comoros | Female | $\begin{aligned} & \begin{array}{l} 75-79 \\ \text { years } \end{array} \end{aligned}$ | 9.36 | 7.40 | 11.59 |
| Comoros | Both | All ages | 0.63 | 0.54 | 0.72 | Comoros | Male | All ages | 0.49 | 0.42 | 0.56 | Comoros | Female | All ages | 0.77 | 0.65 | 0.89 |
| Comoros | Both | 80-84 | 10.24 | 8.27 | 12.74 | Comoros | Male | 80-84 | 8.51 | 6.80 | 10.49 | Comoros | Female | 80-84 | 11.55 | 9.24 | 14.38 |
| Comoros | Both | 85-89 | 11.92 | 9.68 | 14.50 | Comoros | Male | 85-89 | 10.00 | 8.12 | 12.16 | Comoros | Female | 85-89 | 13.31 | 10.81 | 16.25 |
| Congo | Both | 80-84 | 12.54 | 10.15 | 15.32 | Congo | Male | $40-44$ years | 0.29 | 0.21 | 0.40 | Congo | Female | $40-44$ years | 0.40 | 0.29 | 0.54 |
| Congo | Both | 85-89 | 14.61 | 12.03 | 17.54 | Congo | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.64 | 0.49 | 0.82 | Congo | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.89 | 0.69 | 1.13 |
| Congo | Both | 90-94 | 16.23 | 13.53 | 19.47 | Congo | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.16 | 0.87 | 1.47 | Congo | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.65 | 1.24 | 2.11 |
| Congo | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.34 | 0.25 | 0.46 | Congo | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.87 | 1.45 | 2.30 | Congo | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.69 | 2.09 | 3.33 |
| Congo | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.76 | 0.59 | 0.96 | Congo | Male | 60-64 years | 2.76 | 2.18 | 3.44 | Congo | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.04 | 3.17 | 5.06 |
| Congo | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.39 | 1.06 | 1.77 | Congo | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.11 | 3.32 | 5.08 | Congo | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 6.23 | 4.98 | 7.75 |
| Congo | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.27 | 1.76 | 2.80 | Congo | Male | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 5.84 | 4.47 | 7.42 | Congo | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 9.10 | 6.99 | 11.60 |
| Congo | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.41 | 2.69 | 4.26 | Congo | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 7.71 | 6.09 | 9.48 | Congo | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 12.00 | 9.46 | 14.77 |
| Congo | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.25 | 4.22 | 6.48 | Congo | Male | All ages | 0.39 | 0.33 | 0.45 | Congo | Female | 80-84 | 14.71 | 11.90 | 17.97 |
| Congo | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.61 | 5.87 | 9.68 | Congo | Male | 80-84 | 9.59 | 7.70 | 11.77 | Congo | Female | 85-89 | 16.78 | 13.79 | 20.36 |
| Congo | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.07 | 8.02 | 12.37 | Congo | Male | 85-89 | 11.26 | 9.28 | 13.59 | Congo | Female | 90-94 | 18.26 | 15.17 | 21.92 |


| Congo | Both | All ages | 0.50 | 0.43 | 0.57 | Congo | Male | 90-94 | 12.73 | 10.56 | 15.14 | Congo | Female | All ages | 0.61 | 0.52 | 0.70 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cook <br> Islands | Both | 80-84 | 15.79 | 13.07 | 19.14 | Cook Islands | Male | $40-44$ years | 0.54 | 0.40 | 0.71 | Cook Islands | Female | 80-84 | 18.17 | 15.04 | 22.06 |
| Cook Islands | Both | 85-89 | 17.55 | 14.66 | 21.03 | Cook Islands | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.16 | 0.90 | 1.46 | Cook Islands | Female | 85-89 | 20.40 | 16.98 | 24.54 |
| Cook <br> Islands | Both | 90-94 | 19.27 | 16.13 | 22.73 | Cook <br> Islands | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.06 | 1.55 | 2.65 | Cook <br> Islands | Female | 90-94 | 21.96 | 18.30 | 25.96 |
| Cook Islands | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.60 | 0.45 | 0.79 | Cook Islands | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.19 | 2.48 | 3.92 | Cook Islands | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.66 | 0.49 | 0.87 |
| Cook <br> Islands | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.32 | 1.02 | 1.65 | Cook <br> Islands | Male | $60-64$ years | 4.51 | 3.54 | 5.57 | Cook <br> Islands | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.46 | 1.14 | 1.86 |
| Cook Islands | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.37 | 1.81 | 3.06 | Cook Islands | Male | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 6.30 | 5.09 | 7.66 | Cook Islands | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.66 | 2.03 | 3.43 |
| Cook Islands | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.66 | 2.85 | 4.44 | Cook Islands | Male | $70-74$ years | 8.45 | 6.60 | 10.46 | Cook Islands | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.17 | 3.25 | 5.10 |
| Cook Islands | Both | 60-64 years | 5.27 | 4.12 | 6.51 | Cook Islands | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 10.61 | 8.56 | 12.93 | Cook Islands | Female | 60-64 years | 6.00 | 4.67 | 7.37 |
| Cook <br> Islands | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.44 | 6.04 | 9.00 | Cook Islands | Male | All ages | 1.96 | 1.67 | 2.24 | Cook Islands | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.66 | 7.01 | 10.65 |
| Cook Islands | Both | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.26 | 8.01 | 12.67 | Cook Islands | Male | 80-84 | 12.64 | 10.28 | 15.45 | Cook Islands | Female | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.95 | 9.32 | 14.82 |
| Cook Islands | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 12.92 | 10.40 | 15.76 | Cook Islands | Male | 85-89 | 14.30 | 11.77 | 17.20 | Cook Islands | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 15.20 | 12.19 | 18.61 |
| Cook Islands | Both | All ages | 2.29 | 1.98 | 2.63 | Cook Islands | Male | 90-94 | 15.66 | 12.99 | 18.61 | Cook Islands | Female | All ages | 2.61 | 2.24 | 3.01 |
| Costa Rica | Both | $40-44$ years | 0.32 | 0.23 | 0.43 | Costa Rica | Male | $40-44$ years | 0.27 | 0.19 | 0.36 | Costa Rica | Female | 40-44 years | 0.36 | 0.26 | 0.49 |
| $\begin{aligned} & \text { Costa } \\ & \text { Rica } \end{aligned}$ | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.65 | 0.51 | 0.83 | Costa Rica | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.55 | 0.42 | 0.70 | Costa Rica | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.75 | 0.58 | 0.96 |
| Costa Rica | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.15 | 0.88 | 1.47 | Costa Rica | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 0.95 | 0.73 | 1.21 | Costa Rica | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.33 | 1.01 | 1.72 |
| $\begin{aligned} & \hline \text { Costa } \\ & \text { Rica } \\ & \hline \end{aligned}$ | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.88 | 1.47 | 2.30 | Costa Rica | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.54 | 1.21 | 1.90 | $\begin{aligned} & \text { Costa } \\ & \text { Rica } \end{aligned}$ | Female | $\begin{aligned} & \text { 55-59 } \\ & \text { years } \end{aligned}$ | 2.17 | 1.70 | 2.68 |
| Costa Rica | Both | 60-64 years | 2.89 | 2.28 | 3.57 | Costa Rica | Male | 60-64 years | 2.36 | 1.88 | 2.90 | Costa Rica | Female | 60-64 years | 3.36 | 2.62 | 4.15 |
| $\begin{aligned} & \hline \text { Costa } \\ & \text { Rica } \end{aligned}$ | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.63 | 3.73 | 5.63 | Costa Rica | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.79 | 3.02 | 4.62 | $\begin{aligned} & \hline \text { Costa } \\ & \text { Rica } \end{aligned}$ | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.37 | 4.29 | 6.56 |
| Costa Rica | Both | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 6.92 | 5.41 | 8.67 | Costa Rica | Male | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 5.68 | 4.38 | 7.26 | Costa Rica | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.00 | 6.27 | 10.04 |
| Costa Rica | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.23 | 7.41 | 11.37 | Costa Rica | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.58 | 5.96 | 9.34 | $\begin{aligned} & \hline \text { Costa } \\ & \text { Rica } \end{aligned}$ | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 10.63 | 8.55 | 13.07 |
| Costa <br> Rica | Both | All ages | 1.14 | 0.97 | 1.30 | Costa Rica | Male | All ages | 0.90 | 0.77 | 1.04 | Costa Rica | Female | All ages | 1.35 | 1.16 | 1.55 |
| Costa Rica | Both | 80-84 | 11.38 | 9.18 | 14.03 | Costa Rica | Male | 80-84 | 9.34 | 7.39 | 11.71 | $\begin{aligned} & \text { Costa } \\ & \text { Rica } \\ & \hline \end{aligned}$ | Female | 80-84 | 13.01 | 10.46 | 16.07 |
| Costa Rica | Both | 85-89 | 13.07 | 10.58 | 16.01 | Costa <br> Rica | Male | 85-89 | 10.80 | 8.63 | 13.17 | $\begin{aligned} & \hline \text { Costa } \\ & \text { Rica } \\ & \hline \end{aligned}$ | Female | 85-89 | 14.72 | 11.96 | 18.14 |


| Costa Rica | Both | 90-94 | 14.34 | 11.72 | 17.22 | Costa Rica | Male | 90-94 | 12.04 | 9.80 | 14.48 | Costa Rica | Female | 90-94 | 15.86 | 12.96 | 19.13 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Croatia | Both | 40-44 years | 0.44 | 0.32 | 0.58 | Croatia | Male | 80-84 | 11.51 | 9.28 | 14.06 | Croatia | Female | $40-44$ years | 0.48 | 0.35 | 0.63 |
| Croatia | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.93 | 0.72 | 1.16 | Croatia | Male | 85-89 | 13.40 | 10.95 | 16.14 | Croatia | Female | $\begin{aligned} & \text { 45-49 } \\ & \text { years } \end{aligned}$ | 1.01 | 0.77 | 1.27 |
| Croatia | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.64 | 1.25 | 2.06 | Croatia | Male | 90-94 | 15.07 | 12.41 | 17.99 | Croatia | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.81 | 1.35 | 2.31 |
| Croatia | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.62 | 2.07 | 3.20 | Croatia | Male | $40-44$ <br> years | 0.41 | 0.30 | 0.54 | Croatia | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.91 | 2.26 | 3.54 |
| Croatia | Both | 60-64 years | 3.90 | 3.06 | 4.85 | Croatia | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.85 | 0.65 | 1.07 | Croatia | Female | 60-64 years | 4.34 | 3.40 | 5.36 |
| Croatia | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.85 | 4.70 | 7.15 | Croatia | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.47 | 1.12 | 1.86 | Croatia | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 6.53 | 5.26 | 8.01 |
| Croatia | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.36 | 6.44 | 10.53 | Croatia | Male | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.33 | 1.83 | 2.88 | Croatia | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.24 | 7.15 | 11.71 |
| Croatia | Both | $\begin{aligned} & \begin{array}{l} 75-79 \\ \text { years } \end{array} \end{aligned}$ | 10.93 | 8.76 | 13.44 | Croatia | Male | 60-64 years | 3.42 | 2.69 | 4.26 | Croatia | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 11.95 | 9.50 | 14.76 |
| Croatia | Both | All ages | 2.74 | 2.35 | 3.14 | Croatia | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.07 | 4.08 | 6.20 | Croatia | Female | All ages | 3.36 | 2.87 | 3.87 |
| Croatia | Both | 80-84 | 13.40 | 10.94 | 16.34 | Croatia | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.18 | 5.48 | 9.07 | Croatia | Female | 80-84 | 14.44 | 11.70 | 17.58 |
| Croatia | Both | 85-89 | 15.46 | 12.75 | 18.64 | Croatia | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 9.37 | 7.47 | 11.48 | Croatia | Female | 85-89 | 16.40 | 13.57 | 19.82 |
| Croatia | Both | 90-94 | 17.13 | 14.24 | 20.35 | Croatia | Male | All ages | 2.06 | 1.76 | 2.38 | Croatia | Female | 90-94 | 17.86 | 14.86 | 21.28 |
| Cuba | Both | 40-44 years | 0.32 | 0.23 | 0.44 | Cuba | Male | $40-44$ years | 0.28 | 0.20 | 0.37 | Cuba | Female | $40-44$ years | 0.37 | 0.26 | 0.51 |
| Cuba | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.68 | 0.52 | 0.86 | Cuba | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.57 | 0.44 | 0.72 | Cuba | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.78 | 0.60 | 0.99 |
| Cuba | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.20 | 0.92 | 1.53 | Cuba | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.00 | 0.76 | 1.28 | Cuba | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.39 | 1.05 | 1.80 |
| Cuba | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.94 | 1.51 | 2.38 | Cuba | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.61 | 1.27 | 1.98 | Cuba | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.26 | 1.73 | 2.78 |
| Cuba | Both | 60-64 years | 2.94 | 2.29 | 3.66 | Cuba | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.42 | 1.90 | 3.03 | Cuba | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.42 | 2.64 | 4.31 |
| Cuba | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.60 | 3.65 | 5.60 | Cuba | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.77 | 2.99 | 4.63 | Cuba | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.35 | 4.25 | 6.59 |
| Cuba | Both | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.75 | 5.20 | 8.49 | Cuba | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.53 | 4.23 | 6.98 | Cuba | Female | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 7.84 | 5.98 | 10.00 |
| Cuba | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 8.96 | 7.15 | 11.02 | Cuba | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 7.34 | 5.81 | 8.91 | Cuba | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 10.31 | 8.18 | 12.71 |
| Cuba | Both | All ages | 1.75 | 1.50 | 2.01 | Cuba | Male | All ages | 1.36 | 1.17 | 1.56 | Cuba | Female | All ages | 2.13 | 1.82 | 2.47 |
| Cuba | Both | 80-84 | 10.99 | 9.00 | 13.45 | Cuba | Male | 80-84 | 9.06 | 7.33 | 11.11 | Cuba | Female | 80-84 | 12.55 | 10.26 | 15.41 |
| Cuba | Both | 85-89 | 12.62 | 10.29 | 15.23 | Cuba | Male | 85-89 | 10.52 | 8.57 | 12.64 | Cuba | Female | 85-89 | 14.22 | 11.61 | 17.28 |


| Cuba | Both | 90-94 | 13.92 | 11.53 | 16.66 | Cuba | Male | 90-94 | 11.78 | 9.61 | 14.09 | Cuba | Female | 90-94 | 15.41 | 12.67 | 18.43 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cyprus | Both | 40-44 years | 1.23 | 0.94 | 1.60 | Cyprus | Male | $40-44$ years | 0.62 | 0.45 | 0.83 | Cyprus | Female | 40-44 years | 1.74 | 1.32 | 2.31 |
| Cyprus | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 2.11 | 1.66 | 2.60 | Cyprus | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.30 | 1.00 | 1.64 | Cyprus | Female | $\begin{aligned} & \text { 45-49 } \\ & \text { years } \end{aligned}$ | 2.78 | 2.18 | 3.47 |
| Cyprus | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 3.08 | 2.39 | 3.85 | Cyprus | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.32 | 1.77 | 2.99 | Cyprus | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 3.76 | 2.92 | 4.68 |
| Cyprus | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.44 | 3.53 | 5.40 | Cyprus | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.87 | 3.04 | 4.74 | Cyprus | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.98 | 3.96 | 6.07 |
| Cyprus | Both | 60-64 years | 6.41 | 5.15 | 7.93 | Cyprus | Male | 60-64 years | 5.97 | 4.68 | 7.49 | Cyprus | Female | 60-64 years | 6.85 | 5.48 | 8.50 |
| Cyprus | Both | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.98 | 8.04 | 12.10 | Cyprus | Male | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.12 | 7.31 | 11.15 | Cyprus | Female | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.83 | 8.70 | 13.12 |
| Cyprus | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 14.61 | 11.32 | 18.24 | Cyprus | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 12.95 | 9.92 | 16.18 | Cyprus | Female | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 16.21 | 12.55 | 20.48 |
| Cyprus | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 18.95 | 15.07 | 23.26 | Cyprus | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 16.40 | 12.93 | 20.22 | Cyprus | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 21.21 | 17.02 | 26.06 |
| Cyprus | Both | All ages | 3.41 | 2.94 | 3.90 | Cyprus | Male | All ages | 2.83 | 2.40 | 3.26 | Cyprus | Female | All ages | 3.95 | 3.40 | 4.55 |
| Cyprus | Both | 80-84 | 22.76 | 18.60 | 27.32 | Cyprus | Male | 80-84 | 19.27 | 15.57 | 23.19 | Cyprus | Female | 80-84 | 25.51 | 20.92 | 30.80 |
| Cyprus | Both | 85-89 | 25.62 | 21.27 | 30.38 | Cyprus | Male | 85-89 | 21.21 | 17.33 | 25.35 | Cyprus | Female | 85-89 | 28.49 | 23.72 | 33.99 |
| Cyprus | Both | 90-94 | 27.65 | 23.41 | 32.44 | Cyprus | Male | 90-94 | 22.25 | 18.46 | 26.42 | Cyprus | Female | 90-94 | 30.16 | 25.48 | 35.48 |
| Czechia | Both | 60-64 years | 4.17 | 3.29 | 5.21 | Czechia | Male | $40-44$ years | 0.43 | 0.31 | 0.59 | Czechia | Female | 60-64 years | 4.65 | 3.63 | 5.82 |
| Czechia | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.27 | 5.10 | 7.63 | Czechia | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.90 | 0.70 | 1.13 | Czechia | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.99 | 5.68 | 8.56 |
| Czechia | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 8.95 | 6.99 | 11.26 | Czechia | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.57 | 1.21 | 2.02 | Czechia | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 9.93 | 7.76 | 12.54 |
| Czechia | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.70 | 9.30 | 14.34 | Czechia | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.49 | 1.97 | 3.06 | Czechia | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 12.84 | 10.17 | 15.88 |
| Czechia | Both | All ages | 2.81 | 2.41 | 3.25 | Czechia | Male | 60-64 years | 3.66 | 2.89 | 4.58 | Czechia | Female | All ages | 3.43 | 2.93 | 3.99 |
| Czechia | Both | 80-84 | 14.36 | 11.70 | 17.49 | Czechia | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.44 | 4.33 | 6.65 | Czechia | Female | 80-84 | 15.53 | 12.59 | 19.01 |
| Czechia | Both | 85-89 | 16.59 | 13.72 | 19.94 | Czechia | Male | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 7.70 | 5.96 | 9.63 | Czechia | Female | 85-89 | 17.64 | 14.53 | 21.26 |
| Czechia | Both | 90-94 | 18.38 | 15.25 | 21.98 | Czechia | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 10.05 | 8.07 | 12.24 | Czechia | Female | 90-94 | 19.23 | 15.92 | 23.17 |
| Czechia | Both | 40-44 years | 0.47 | 0.35 | 0.63 | Czechia | Male | All ages | 2.15 | 1.83 | 2.49 | Czechia | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.51 | 0.38 | 0.70 |
| Czechia | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.99 | 0.77 | 1.24 | Czechia | Male | 80-84 | 12.37 | 10.07 | 15.22 | Czechia | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.09 | 0.84 | 1.37 |
| Czechia | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.76 | 1.33 | 2.26 | Czechia | Male | 85-89 | 14.42 | 11.86 | 17.45 | Czechia | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.95 | 1.46 | 2.48 |


| Czechia | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.80 | 2.19 | 3.46 | Czechia | Male | 90-94 | 16.24 | 13.44 | 19.47 | Czechia | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.12 | 2.41 | 3.87 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| C척te d'Ivoire | Both | $40-44$ years | 0.31 | 0.22 | 0.41 | C척te d'Ivoire | Male | $40-44$ years | 0.29 | 0.21 | 0.38 | C척te d'Ivoire | Female | $40-44$ years | 0.33 | 0.24 | 0.44 |
| C척te <br> d'Ivoire | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.68 | 0.52 | 0.86 | C척te d'Ivoire | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.63 | 0.48 | 0.81 | C척te d'Ivoire | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.74 | 0.57 | 0.93 |
| C 척te d'Ivoire | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.24 | 0.95 | 1.60 | C척te d'Ivoire | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.15 | 0.87 | 1.49 | C척te <br> d'Ivoire | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.35 | 1.03 | 1.74 |
| C척te <br> dIvoire | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.01 | 1.56 | 2.44 | C척te d'Ivoire | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.84 | 1.44 | 2.26 | C척te d'Ivoire | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.19 | 1.71 | 2.69 |
| C 척te <br> d'Ivoire | Both | 60-64 years | 2.97 | 2.32 | 3.70 | C척te d'Ivoire | Male | 60-64 years | 2.71 | 2.12 | 3.40 | C척te <br> d'Ivoire | Female | 60-64 years | 3.26 | 2.53 | 4.10 |
| C척te d'Ivoire | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.45 | 3.59 | 5.46 | C척te d'Ivoire | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.01 | 3.21 | 4.95 | C 척te d'Ivoire | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.95 | 3.92 | 6.08 |
| C척te <br> d'Ivoire | Both | $70-74$ years | 6.39 | 4.91 | 8.01 | C척te <br> d'Ivoire | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 5.70 | 4.36 | 7.09 | C척te <br> d'Ivoire | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.15 | 5.48 | 9.12 |
| C척te <br> d'Ivoire | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.50 | 6.76 | 10.41 | C척te <br> d'Ivoire | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 7.53 | 6.01 | 9.27 | C척te <br> d'Ivoire | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 9.46 | 7.41 | 11.71 |
| C척te <br> d'Ivoire | Both | All ages | 0.35 | 0.30 | 0.40 | C척te d'Ivoire | Male | All ages | 0.32 | 0.27 | 0.37 | C척te <br> d'Ivoire | Female | All ages | 0.38 | 0.32 | 0.44 |
| C척te <br> d'Ivoire | Both | 80-84 | 10.62 | 8.53 | 13.08 | C척te <br> d'Ivoire | Male | 80-84 | 9.38 | 7.52 | 11.49 | C 척te <br> d'Ivoire | Female | 80-84 | 11.71 | 9.33 | 14.56 |
| C척te <br> d'Ivoire | Both | 85-89 | 12.49 | 10.13 | 15.14 | C척te d'Ivoire | Male | 85-89 | 11.02 | 8.96 | 13.39 | C척te <br> d'Ivoire | Female | 85-89 | 13.55 | 10.97 | 16.49 |
| C척te <br> d'Ivoire | Both | 90-94 | 14.11 | 11.56 | 17.04 | C척te d'Ivoire | Male | 90-94 | 12.46 | 10.23 | 14.92 | C척te <br> d'Ivoire | Female | 90-94 | 15.02 | 12.29 | 18.11 |
| Democra tic <br> People's Republic of Korea | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.55 | 0.41 | 0.74 | Democra tic People's Republic of Korea | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.44 | 0.33 | 0.60 | Democra <br> tic <br> People's <br> Republic <br> of Korea | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.68 | 0.50 | 0.91 |
| Democra tic <br> People's <br> Republic <br> of Korea | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.24 | 0.96 | 1.55 | Democra tic <br> People's <br> Republic <br> of Korea | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.95 | 0.74 | 1.18 | Democra tic <br> People's <br> Republic <br> of Korea | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.55 | 1.20 | 1.95 |
| Democra tic <br> People's <br> Republic <br> of Korea | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.25 | 1.71 | 2.92 | Democra tic People's Republic of Korea | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.66 | 1.27 | 2.14 | Democra tic <br> People's <br> Republic <br> of Korea | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.82 | 2.11 | 3.64 |
| Democra tic <br> People's Republic of Korea | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.41 | 2.68 | 4.22 | Democra tic People's Republic of Korea | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.50 | 1.97 | 3.07 | Democra tic People's Republic of Korea | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 4.27 | 3.32 | 5.31 |


| Democra tic <br> People's Republic of Korea | Both | 60-64 years | 4.68 | 3.66 | 5.78 | Democra tic People's Republic of Korea | Male | 60-64 years | 3.39 | 2.70 | 4.18 | Democra tic People's Republic of Korea | Female | 60-64 years | 5.81 | 4.46 | 7.19 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Democra tic <br> People's <br> Republic <br> of Korea | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 6.48 | 5.26 | 7.85 | Democra tic People's Republic of Korea | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.54 | 3.66 | 5.56 | Democra tic People's Republic of Korea | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 7.95 | 6.39 | 9.70 |
| Democra tic <br> People's Republic of Korea | Both | 70-74 years | 8.79 | 6.91 | 10.97 | Democra tic People's Republic of Korea | Male | $70-74$ years | 5.90 | 4.64 | 7.33 | Democra tic People's Republic of Korea | Female | $70-74$ years | 10.53 | 8.18 | 13.21 |
| Democra tic <br> People's Republic of Korea | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 11.26 | 9.12 | 13.63 | Democra tic <br> People's <br> Republic <br> of Korea | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 7.20 | 5.82 | 8.75 | Democra tic <br> People's <br> Republic <br> of Korea | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 13.04 | 10.49 | 15.79 |
| Democra tic <br> People's Republic of Korea | Both | All ages | 1.77 | 1.52 | 2.03 | Democra tic People's Republic of Korea | Male | All ages | 1.00 | 0.85 | 1.15 | Democra tic People's Republic of Korea | Female | All ages | 2.51 | 2.15 | 2.89 |
| Democra tic <br> People's Republic of Korea | Both | 80-84 | 13.49 | 11.05 | 16.32 | Democra tic People's Republic of Korea | Male | 80-84 | 8.36 | 6.79 | 10.13 | Democra tic People's Republic of Korea | Female | 80-84 | 15.23 | 12.38 | 18.43 |
| Democra tic <br> People's <br> Republic <br> of Korea | Both | 85-89 | 15.28 | 12.52 | 18.26 | Democra tic People's Republic of Korea | Male | 85-89 | 9.24 | 7.63 | 11.12 | Democra tic People's Republic of Korea | Female | 85-89 | 16.58 | 13.55 | 19.81 |
| Democra tic <br> People's <br> Republic <br> of Korea | Both | 90-94 | 16.10 | 13.39 | 19.11 | Democra tic People's Republic of Korea | Male | 90-94 | 9.92 | 8.23 | 11.98 | Democra tic People's Republic of Korea | Female | 90-94 | 17.20 | 14.27 | 20.47 |
| Democra tic <br> Republic of the Congo | Both | 40-44 years | 0.32 | 0.23 | 0.42 | Democra tic Republic of the Congo | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.27 | 0.19 | 0.37 | Democra tic Republic of the Congo | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.36 | 0.26 | 0.48 |
| Democra tic Republic of the Congo | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.69 | 0.53 | 0.88 | Democra tic Republic of the Congo | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.58 | 0.45 | 0.75 | Democra tic Republic of the Congo | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.81 | 0.62 | 1.02 |
| $\begin{aligned} & \hline \text { Democra } \\ & \text { tic } \\ & \text { Republic } \\ & \hline \end{aligned}$ | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.26 | 0.95 | 1.64 | Democra tic Republic | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.04 | 0.79 | 1.36 | Democra <br> tic Republic | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.48 | 1.11 | 1.92 |


| $\begin{aligned} & \text { of the } \\ & \text { Congo } \end{aligned}$ |  |  |  |  |  | of the Congo |  |  |  |  |  | of the Congo |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Democra tic Republic of the Congo | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.05 | 1.60 | 2.50 | Democra tic Republic of the Congo | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.67 | 1.30 | 2.02 | Democra tic Republic of the Congo | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.41 | 1.86 | 3.00 |
| Democra tic Republic of the Congo | Both | 60-64 years | 3.06 | 2.42 | 3.80 | Democra tic Republic of the Congo | Male | 60-64 years | 2.45 | 1.92 | 3.03 | Democra tic Republic of the Congo | Female | 60-64 years | 3.61 | 2.83 | 4.54 |
| Democra tic <br> Republic of the Congo | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.69 | 3.75 | 5.75 | Democra tic Republic of the Congo | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 3.64 | 2.90 | 4.42 | Democra tic Republic of the Congo | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.54 | 4.40 | 6.82 |
| Democra tic Republic of the Congo | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.85 | 5.19 | 8.64 | Democra tic Republic of the Congo | Male | $\begin{array}{\|l\|} \hline 70-74 \\ \text { years } \end{array}$ | 5.16 | 3.95 | 6.49 | Democra tic Republic of the Congo | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 8.03 | 6.12 | 10.15 |
| Democra tic Republic of the Congo | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 9.15 | 7.27 | 11.15 | Democra tic Republic of the Congo | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 6.79 | 5.42 | 8.25 | Democra tic Republic of the Congo | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 10.57 | 8.35 | 12.98 |
| Democra tic <br> Republic of the Congo | Both | All ages | 0.36 | 0.31 | 0.41 | Democra tic Republic of the Congo | Male | All ages | 0.25 | 0.22 | 0.29 | Democra tic Republic of the Congo | Female | All ages | 0.47 | 0.41 | 0.54 |
| Democra tic <br> Republic of the Congo | Both | 80-84 | 11.36 | 9.19 | 13.83 | Democra tic Republic of the Congo | Male | 80-84 | 8.41 | 6.78 | 10.27 | Democra tic Republic of the Congo | Female | 80-84 | 12.93 | 10.41 | 15.80 |
| Democra tic <br> Republic of the Congo | Both | 85-89 | 13.15 | 10.79 | 15.77 | Democra tic Republic of the Congo | Male | 85-89 | 9.81 | 7.98 | 11.91 | Democra tic Republic of the Congo | Female | 85-89 | 14.66 | 11.99 | 17.63 |
| Democra tic <br> Republic of the Congo | Both | 90-94 | 14.54 | 11.99 | 17.48 | Democra tic Republic of the Congo | Male | 90-94 | 11.05 | 9.06 | 13.36 | Democra tic Republic of the Congo | Female | 90-94 | 15.85 | 13.03 | 19.06 |
| Denmark | Both | 80-84 | 27.84 | 23.05 | 33.22 | Denmark | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.77 | 0.56 | 1.03 | Denmark | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.22 | 1.66 | 2.90 |
| Denmark | Both | 85-89 | 30.92 | 26.00 | 36.67 | Denmark | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.61 | 1.23 | 2.03 | Denmark | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 3.48 | 2.76 | 4.34 |


| Denmark | Both | 90-94 | 32.82 | 27.72 | 38.18 | Denmark | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 2.89 | 2.19 | 3.69 | Denmark | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 4.60 | 3.61 | 5.70 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Denmark | Both | $40-44$ years | 1.50 | 1.12 | 1.95 | Denmark | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.82 | 3.75 | 5.89 | Denmark | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 5.95 | 4.69 | 7.32 |
| Denmark | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 2.55 | 2.03 | 3.14 | Denmark | Male | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 7.45 | 5.76 | 9.29 | Denmark | Female | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 8.12 | 6.47 | 9.89 |
| Denmark | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 3.75 | 2.92 | 4.65 | Denmark | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.53 | 9.28 | 14.01 | Denmark | Female | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 13.08 | 10.57 | 15.69 |
| Denmark | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 5.39 | 4.28 | 6.50 | Denmark | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 16.50 | 12.96 | 21.05 | Denmark | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 19.84 | 15.19 | 25.17 |
| Denmark | Both | 60-64 years | 7.79 | 6.17 | 9.51 | Denmark | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 20.77 | 16.55 | 25.82 | Denmark | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 25.84 | 20.53 | 31.58 |
| Denmark | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 12.32 | 10.01 | 14.77 | Denmark | Male | All ages | 4.68 | 3.98 | 5.45 | Denmark | Female | All ages | 6.60 | 5.69 | 7.58 |
| Denmark | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 18.23 | 14.08 | 22.94 | Denmark | Male | 80-84 | 24.11 | 19.82 | 29.03 | Denmark | Female | 80-84 | 30.70 | 25.33 | 36.80 |
| Denmark | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 23.48 | 18.61 | 28.73 | Denmark | Male | 85-89 | 26.18 | 21.82 | 31.59 | Denmark | Female | 85-89 | 33.86 | 28.52 | 40.20 |
| Denmark | Both | All ages | 5.67 | 4.89 | 6.52 | Denmark | Male | 90-94 | 27.09 | 22.84 | 32.22 | Denmark | Female | 90-94 | 35.41 | 30.00 | 41.38 |
| Djibouti | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.31 | 0.22 | 0.42 | Djibouti | Male | 80-84 | 9.04 | 7.35 | 11.22 | Djibouti | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.35 | 0.25 | 0.46 |
| Djibouti | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.68 | 0.52 | 0.87 | Djibouti | Male | 85-89 | 10.63 | 8.77 | 12.95 | Djibouti | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.77 | 0.59 | 0.97 |
| Djibouti | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.24 | 0.94 | 1.58 | Djibouti | Male | 90-94 | 12.07 | 9.96 | 14.61 | Djibouti | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.41 | 1.06 | 1.80 |
| Djibouti | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.00 | 1.56 | 2.45 | Djibouti | Male | $40-44$ years | 0.28 | 0.20 | 0.38 | Djibouti | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.30 | 1.80 | 2.84 |
| Djibouti | Both | 60-64 years | 2.98 | 2.35 | 3.74 | Djibouti | Male | $\begin{aligned} & \text { 45-49 } \\ & \text { years } \end{aligned}$ | 0.61 | 0.47 | 0.79 | Djibouti | Female | 60-64 years | 3.46 | 2.67 | 4.33 |
| Djibouti | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.49 | 3.61 | 5.55 | Djibouti | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.11 | 0.84 | 1.43 | Djibouti | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.24 | 4.17 | 6.46 |
| Djibouti | Both | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 6.43 | 4.92 | 8.10 | Djibouti | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.78 | 1.39 | 2.18 | Djibouti | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.53 | 5.77 | 9.55 |
| Djibouti | Both | $\begin{aligned} & \begin{array}{l} 75-79 \\ \text { years } \end{array} \end{aligned}$ | 8.60 | 6.86 | 10.53 | Djibouti | Male | 60-64 years | 2.63 | 2.08 | 3.32 | Djibouti | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.94 | 7.83 | 12.22 |
| Djibouti | Both | All ages | 0.44 | 0.37 | 0.50 | Djibouti | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.90 | 3.11 | 4.86 | Djibouti | Female | All ages | 0.49 | 0.41 | 0.56 |
| Djibouti | Both | 80-84 | 10.77 | 8.69 | 13.29 | Djibouti | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.53 | 4.26 | 6.96 | Djibouti | Female | 80-84 | 12.28 | 9.84 | 15.12 |
| Djibouti | Both | 85-89 | 12.68 | 10.43 | 15.31 | Djibouti | Male | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.28 | 5.79 | 8.94 | Djibouti | Female | 85-89 | 14.19 | 11.58 | 17.18 |
| Djibouti | Both | 90-94 | 14.38 | 11.93 | 17.15 | Djibouti | Male | All ages | 0.39 | 0.34 | 0.46 | Djibouti | Female | 90-94 | 15.69 | 12.98 | 18.72 |
| Dominic <br> a | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.31 | 0.22 | 0.41 | Dominic <br> a | Male | 80-84 | 8.59 | 6.87 | 10.71 | Dominic <br> a | Female | 80-84 | 11.89 | 9.65 | 14.65 |
| $\begin{aligned} & \hline \text { Dominic } \\ & \mathrm{a} \end{aligned}$ | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.64 | 0.50 | 0.81 | Dominic <br> a | Male | 85-89 | 10.06 | 8.13 | 12.21 | Dominic <br> a | Female | 85-89 | 13.57 | 11.15 | 16.60 |


| Dominic <br> a | Both | 50-54 years | 1.13 | 0.87 | 1.44 | Dominic <br> a | Male | 90-94 | 11.38 | 9.36 | 13.68 | Dominic | Female | 90-94 | 14.82 | 12.28 | 17.86 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Dominic <br> a | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.81 | 1.42 | 2.21 | Dominic <br> a | Male | $40-44$ years | 0.26 | 0.19 | 0.36 | Dominic <br> a | Female | $40-44$ years | 0.35 | 0.26 | 0.48 |
| Dominic <br> a | Both | $\begin{aligned} & 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.71 | 2.14 | 3.38 | Dominic <br> a | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.54 | 0.42 | 0.70 | Dominic <br> a | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.74 | 0.57 | 0.95 |
| Dominic <br> a | Both | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 4.26 | 3.40 | 5.24 | Dominic <br> a | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 0.95 | 0.73 | 1.23 | Dominic <br> a | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.32 | 1.00 | 1.70 |
| $\begin{aligned} & \hline \text { Dominic } \\ & \text { a } \end{aligned}$ | Both | $70-74$ years | 6.33 | 4.87 | 8.01 | Dominic <br> a | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.52 | 1.20 | 1.85 | Dominic <br> a | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.13 | 1.65 | 2.63 |
| Dominic <br> a | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 8.38 | 6.68 | 10.30 | Dominic <br> a | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.28 | 1.79 | 2.84 | Dominic <br> a | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.22 | 2.54 | 4.04 |
| $\begin{aligned} & \text { Dominic } \\ & \text { a } \end{aligned}$ | Both | All ages | 1.28 | 1.10 | 1.47 | $\begin{aligned} & \text { Dominic } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.54 | 2.82 | 4.38 | $\begin{aligned} & \text { Dominic } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.02 | 3.97 | 6.17 |
| $\begin{aligned} & \hline \text { Dominic } \\ & \text { a } \end{aligned}$ | Both | 80-84 | 10.41 | 8.44 | 12.85 | Dominic <br> a | Male | $70-74$ years | 5.20 | 3.98 | 6.63 | Dominic <br> a | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.35 | 5.64 | 9.30 |
| $\begin{aligned} & \hline \text { Dominic } \\ & \text { a } \\ & \hline \end{aligned}$ | Both | 85-89 | 12.27 | 10.07 | 14.93 | $\begin{aligned} & \hline \text { Dominic } \\ & \text { a } \\ & \hline \end{aligned}$ | Male | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.92 | 5.52 | 8.58 | $\begin{aligned} & \hline \text { Dominic } \\ & \text { a } \\ & \hline \end{aligned}$ | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.70 | 7.70 | 12.01 |
| Dominic <br> a | Both | 90-94 | 13.71 | 11.29 | 16.47 | Dominic <br> a | Male | All ages | 1.00 | 0.86 | 1.16 | Dominic <br> a | Female | All ages | 1.57 | 1.35 | 1.81 |
| $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \\ & \hline \end{aligned}$ | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.96 | 1.53 | 2.38 | $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \\ & \hline \end{aligned}$ | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.28 | 0.20 | 0.37 | $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \\ & \hline \end{aligned}$ | Female | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.37 | 0.27 | 0.51 |
| $\begin{aligned} & \text { Dominic } \\ & \text { an } \\ & \text { Republic } \end{aligned}$ | Both | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 2.97 | 2.36 | 3.71 | $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \\ & \hline \end{aligned}$ | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.58 | 0.44 | 0.73 | $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \\ & \hline \end{aligned}$ | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.79 | 0.60 | 1.01 |
| $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \end{aligned}$ | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.66 | 3.74 | 5.70 | $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \\ & \hline \end{aligned}$ | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.02 | 0.77 | 1.31 | $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \end{aligned}$ | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.41 | 1.06 | 1.81 |
| $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \\ & \hline \end{aligned}$ | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.88 | 5.25 | 8.69 | $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \\ & \hline \end{aligned}$ | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.63 | 1.26 | 1.98 | $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \\ & \hline \end{aligned}$ | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.28 | 1.78 | 2.84 |
| $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \end{aligned}$ | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 9.14 | 7.32 | 11.26 | $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \end{aligned}$ | Male | 60-64 years | 2.45 | 1.90 | 3.07 | $\begin{aligned} & \text { Dominic } \\ & \text { an } \\ & \text { Republic } \end{aligned}$ | Female | 60-64 years | 3.48 | 2.76 | 4.35 |
| $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \\ & \hline \end{aligned}$ | Both | All ages | 0.87 | 0.75 | 1.00 | $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \\ & \hline \end{aligned}$ | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 3.83 | 3.05 | 4.73 | $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \\ & \hline \end{aligned}$ | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.44 | 4.33 | 6.64 |
| $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \end{aligned}$ | Both | 80-84 | 11.27 | 9.12 | 13.75 | $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \end{aligned}$ | Male | $\begin{array}{\|l\|} \hline 70-74 \\ \text { years } \end{array}$ | 5.64 | 4.40 | 7.18 | $\begin{aligned} & \text { Dominic } \\ & \text { an } \\ & \text { Republic } \end{aligned}$ | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.99 | 6.05 | 10.26 |
| $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \end{aligned}$ | Both | 85-89 | 12.96 | 10.65 | 15.56 | $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \end{aligned}$ | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 7.50 | 6.04 | 9.22 | $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \end{aligned}$ | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 10.55 | 8.40 | 13.15 |
| $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \\ & \hline \end{aligned}$ | Both | 90-94 | 14.27 | 11.77 | 16.95 | $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \\ & \hline \end{aligned}$ | Male | All ages | 0.68 | 0.59 | 0.79 | $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \\ & \hline \end{aligned}$ | Female | All ages | 1.05 | 0.91 | 1.20 |
| $\begin{aligned} & \text { Dominic } \\ & \text { an } \\ & \text { Republic } \end{aligned}$ | Both | $40-44$ years | 0.32 | 0.23 | 0.44 | $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \\ & \hline \end{aligned}$ | Male | 80-84 | 9.28 | 7.48 | 11.49 | $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \\ & \hline \end{aligned}$ | Female | 80-84 | 12.89 | 10.45 | 15.74 |


| $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \end{aligned}$ | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.68 | 0.52 | 0.86 | $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \\ & \hline \end{aligned}$ | Male | 85-89 | 10.82 | 8.88 | 13.14 | $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \\ & \hline \end{aligned}$ | Female | 85-89 | 14.67 | 11.93 | 17.64 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \\ & \hline \end{aligned}$ | Both | 50-54 years | 1.21 | 0.92 | 1.54 | $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \\ & \hline \end{aligned}$ | Male | 90-94 | 12.16 | 10.00 | 14.55 | $\begin{aligned} & \hline \text { Dominic } \\ & \text { an } \\ & \text { Republic } \\ & \hline \end{aligned}$ | Female | 90-94 | 15.95 | 13.14 | 18.90 |
| Ecuador | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.29 | 0.21 | 0.40 | Ecuador | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.25 | 0.18 | 0.34 | Ecuador | Female | 40-44 years | 0.32 | 0.23 | 0.44 |
| Ecuador | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.60 | 0.46 | 0.76 | Ecuador | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.52 | 0.40 | 0.65 | Ecuador | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.68 | 0.52 | 0.86 |
| Ecuador | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.06 | 0.80 | 1.36 | Ecuador | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 0.90 | 0.69 | 1.14 | Ecuador | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.20 | 0.90 | 1.57 |
| Ecuador | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.70 | 1.31 | 2.12 | Ecuador | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.44 | 1.13 | 1.79 | Ecuador | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.95 | 1.49 | 2.43 |
| Ecuador | Both | 60-64 years | 2.57 | 2.00 | 3.20 | Ecuador | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 2.17 | 1.69 | 2.73 | Ecuador | Female | 60-64 years | 2.96 | 2.29 | 3.71 |
| Ecuador | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.99 | 3.21 | 4.98 | Ecuador | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 3.35 | 2.69 | 4.18 | Ecuador | Female | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 4.59 | 3.66 | 5.67 |
| Ecuador | Both | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.83 | 4.51 | 7.34 | Ecuador | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 4.90 | 3.77 | 6.23 | Ecuador | Female | $70-74$ years | 6.70 | 5.11 | 8.46 |
| Ecuador | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 7.74 | 6.19 | 9.52 | Ecuador | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 6.52 | 5.14 | 8.02 | Ecuador | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.85 | 7.12 | 11.08 |
| Ecuador | Both | All ages | 0.76 | 0.66 | 0.88 | Ecuador | Male | All ages | 0.62 | 0.53 | 0.72 | Ecuador | Female | All ages | 0.90 | 0.76 | 1.03 |
| Ecuador | Both | 80-84 | 9.60 | 7.76 | 11.79 | Ecuador | Male | 80-84 | 8.10 | 6.50 | 10.04 | Ecuador | Female | 80-84 | 10.87 | 8.77 | 13.34 |
| Ecuador | Both | 85-89 | 11.25 | 9.17 | 13.52 | Ecuador | Male | 85-89 | 9.53 | 7.73 | 11.61 | Ecuador | Female | 85-89 | 12.53 | 10.15 | 15.14 |
| Ecuador | Both | 90-94 | 12.62 | 10.34 | 15.18 | Ecuador | Male | 90-94 | 10.87 | 8.85 | 13.20 | Ecuador | Female | 90-94 | 13.89 | 11.49 | 16.70 |
| Egypt | Both | 40-44 years | 0.40 | 0.29 | 0.54 | Egypt | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.36 | 0.26 | 0.48 | Egypt | Female | $40-44$ <br> years | 0.45 | 0.33 | 0.62 |
| Egypt | Both | $\begin{aligned} & \text { 45-49 } \\ & \text { years } \end{aligned}$ | 0.85 | 0.66 | 1.07 | Egypt | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.75 | 0.58 | 0.96 | Egypt | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.96 | 0.74 | 1.21 |
| Egypt | Both | $50-54$ years | 1.51 | 1.15 | 1.92 | Egypt | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.32 | 1.00 | 1.69 | Egypt | Female | $50-54$ years | 1.71 | 1.30 | 2.19 |
| Egypt | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.36 | 1.85 | 2.93 | Egypt | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.06 | 1.63 | 2.58 | Egypt | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.69 | 2.08 | 3.33 |
| Egypt | Both | 60-64 years | 3.42 | 2.66 | 4.22 | Egypt | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.98 | 2.35 | 3.73 | Egypt | Female | 60-64 years | 3.92 | 3.01 | 4.87 |
| Egypt | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.09 | 4.07 | 6.29 | Egypt | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.43 | 3.56 | 5.46 | Egypt | Female | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 5.87 | 4.67 | 7.29 |
| Egypt | Both | 70-74 years | 7.24 | 5.52 | 9.23 | Egypt | Male | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 6.32 | 4.84 | 8.04 | Egypt | Female | 70-74 years | 8.39 | 6.43 | 10.81 |
| Egypt | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 9.44 | 7.45 | 11.63 | Egypt | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 8.29 | 6.55 | 10.31 | Egypt | Female | $\begin{aligned} & \begin{array}{l} 75-79 \\ \text { years } \end{array} \end{aligned}$ | 10.96 | 8.63 | 13.52 |
| Egypt | Both | All ages | 0.67 | 0.57 | 0.78 | Egypt | Male | All ages | 0.64 | 0.54 | 0.74 | Egypt | Female | All ages | 0.71 | 0.60 | 0.82 |
| Egypt | Both | 80-84 | 11.49 | 9.37 | 14.13 | Egypt | Male | 80-84 | 10.21 | 8.22 | 12.56 | Egypt | Female | 80-84 | 13.38 | 10.84 | 16.52 |


| Egypt | Both | 85-89 | 12.97 | 10.66 | 15.70 | Egypt | Male | 85-89 | 11.91 | 9.68 | 14.50 | Egypt | Female | 85-89 | 15.28 | 12.54 | 18.52 |
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| Egypt | Both | 90-94 | 14.05 | 11.61 | 17.06 | Egypt | Male | 90-94 | 13.42 | 11.05 | 16.45 | Egypt | Female | 90-94 | 16.69 | 13.73 | 19.83 |
| $\begin{aligned} & \hline \text { El } \\ & \text { Salvador } \end{aligned}$ | Both | $40-44$ years | 0.31 | 0.22 | 0.43 | $\begin{aligned} & \text { El } \\ & \text { Salvador } \end{aligned}$ | Male | 85-89 | 10.38 | 8.51 | 12.73 | $\begin{aligned} & \text { El } \\ & \text { Salvador } \end{aligned}$ | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.35 | 0.25 | 0.48 |
| $\begin{aligned} & \hline \text { El } \\ & \text { Salvador } \end{aligned}$ | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.65 | 0.50 | 0.82 | $\begin{aligned} & \text { El } \\ & \text { Salvador } \end{aligned}$ | Male | 90-94 | 11.52 | 9.48 | 13.89 | $\begin{aligned} & \text { El } \\ & \text { Salvador } \end{aligned}$ | Female | $\begin{aligned} & \text { 45-49 } \\ & \text { years } \end{aligned}$ | 0.74 | 0.56 | 0.93 |
| $\begin{aligned} & \hline \text { El } \\ & \text { Salvador } \end{aligned}$ | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.14 | 0.86 | 1.46 | $\begin{aligned} & \hline \text { El } \\ & \text { Salvador } \end{aligned}$ | Male | $40-44$ years | 0.26 | 0.19 | 0.36 | $\begin{aligned} & \hline \text { El } \\ & \text { Salvador } \end{aligned}$ | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.30 | 0.97 | 1.68 |
| $\begin{aligned} & \hline \text { El } \\ & \text { Salvador } \end{aligned}$ | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.83 | 1.44 | 2.26 | $\begin{aligned} & \text { El } \\ & \text { Salvador } \end{aligned}$ | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.54 | 0.41 | 0.67 | $\begin{aligned} & \text { El } \\ & \text { Salvador } \end{aligned}$ | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.09 | 1.62 | 2.59 |
| $\begin{aligned} & \text { El } \\ & \text { Salvador } \end{aligned}$ | Both | $\begin{aligned} & 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.79 | 2.20 | 3.48 | $\begin{aligned} & \text { El } \\ & \text { Salvador } \end{aligned}$ | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.93 | 0.70 | 1.17 | $\begin{aligned} & \text { El } \\ & \text { Salvador } \end{aligned}$ | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.19 | 2.52 | 3.99 |
| $\begin{aligned} & \hline \text { El } \\ & \text { Salvador } \end{aligned}$ | Both | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 4.48 | 3.53 | 5.54 | $\begin{aligned} & \text { El } \\ & \text { Salvador } \end{aligned}$ | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.48 | 1.17 | 1.80 | $\begin{aligned} & \hline \text { El } \\ & \text { Salvador } \end{aligned}$ | Female | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 5.13 | 4.05 | 6.33 |
| $\begin{aligned} & \hline \text { El } \\ & \text { Salvador } \\ & \hline \end{aligned}$ | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.73 | 5.11 | 8.47 | $\begin{aligned} & \hline \mathrm{El} \\ & \text { Salvador } \end{aligned}$ | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.24 | 1.75 | 2.80 | El <br> Salvador | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.69 | 5.85 | 9.83 |
| $\begin{aligned} & \hline \text { El } \\ & \text { Salvador } \end{aligned}$ | Both | $\begin{aligned} & \begin{array}{l} 75-79 \\ \text { years } \end{array} \end{aligned}$ | 8.98 | 7.10 | 11.07 | $\begin{aligned} & \hline \text { El } \\ & \text { Salvador } \end{aligned}$ | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.61 | 2.85 | 4.48 | $\begin{aligned} & \hline \text { El } \\ & \text { Salvador } \end{aligned}$ | Female | $\begin{aligned} & \begin{array}{l} 75-79 \\ \text { years } \end{array} \end{aligned}$ | 10.22 | 8.03 | 12.65 |
| $\begin{aligned} & \hline \text { El } \\ & \text { Salvador } \end{aligned}$ | Both | All ages | 0.99 | 0.85 | 1.13 | $\begin{aligned} & \hline \text { El } \\ & \text { Salvador } \end{aligned}$ | Male | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 5.46 | 4.14 | 6.95 | $\begin{aligned} & \hline \text { El } \\ & \text { Salvador } \end{aligned}$ | Female | All ages | 1.20 | 1.03 | 1.37 |
| $\begin{aligned} & \text { El } \\ & \text { Salvador } \end{aligned}$ | Both | 80-84 | 11.01 | 8.93 | 13.63 | $\begin{aligned} & \text { El } \\ & \text { Salvador } \end{aligned}$ | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.31 | 5.79 | 8.98 | $\begin{aligned} & \hline \text { El } \\ & \text { Salvador } \end{aligned}$ | Female | 80-84 | 12.48 | 10.06 | 15.44 |
| $\begin{aligned} & \hline \text { El } \\ & \text { Salvador } \end{aligned}$ | Both | 85-89 | 12.56 | 10.34 | 15.23 | $\begin{aligned} & \hline \text { El } \\ & \text { Salvador } \end{aligned}$ | Male | All ages | 0.74 | 0.63 | 0.85 | $\begin{aligned} & \hline \text { El } \\ & \text { Salvador } \end{aligned}$ | Female | 85-89 | 14.07 | 11.49 | 17.16 |
| $\begin{aligned} & \hline \text { El } \\ & \text { Salvador } \end{aligned}$ | Both | 90-94 | 13.75 | 11.38 | 16.58 | $\begin{aligned} & \hline \text { El } \\ & \text { Salvador } \end{aligned}$ | Male | 80-84 | 9.00 | 7.31 | 11.31 | $\begin{aligned} & \hline \text { El } \\ & \text { Salvador } \end{aligned}$ | Female | 90-94 | 15.10 | 12.44 | 18.24 |
| Equatoria 1 Guinea | Both | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.34 | 0.25 | 0.46 | Equatoria 1 Guinea | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.29 | 0.21 | 0.39 | Equatoria 1 Guinea | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.39 | 0.28 | 0.53 |
| Equatoria 1 Guinea | Both | $\begin{aligned} & \text { 45-49 } \\ & \text { years } \end{aligned}$ | 0.77 | 0.59 | 0.98 | Equatoria 1 Guinea | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.63 | 0.49 | 0.81 | Equatoria 1 Guinea | Female | $\begin{aligned} & \text { 45-49 } \\ & \text { years } \end{aligned}$ | 0.89 | 0.68 | 1.13 |
| Equatoria 1 Guinea | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.43 | 1.09 | 1.83 | Equatoria 1 Guinea | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.15 | 0.87 | 1.49 | Equatoria 1 Guinea | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.65 | 1.24 | 2.12 |
| Equatoria 1 Guinea | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.36 | 1.84 | 2.90 | Equatoria 1 Guinea | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.88 | 1.45 | 2.30 | Equatoria 1 Guinea | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.70 | 2.08 | 3.33 |
| Equatoria 1 Guinea | Both | 60-64 years | 3.56 | 2.79 | 4.37 | Equatoria 1 Guinea | Male | 60-64 years | 2.81 | 2.21 | 3.48 | Equatoria 1 Guinea | Female | 60-64 years | 4.09 | 3.17 | 5.05 |
| Equatoria 1 Guinea | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.43 | 4.38 | 6.55 | Equatoria 1 Guinea | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.18 | 3.39 | 5.07 | Equatoria 1 Guinea | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 6.31 | 5.03 | 7.68 |
| Equatoria 1 Guinea | Both | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.93 | 6.15 | 10.01 | Equatoria 1 Guinea | Male | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.95 | 4.65 | 7.44 | Equatoria 1 Guinea | Female | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.24 | 7.15 | 11.71 |
| Equatoria 1 Guinea | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 10.53 | 8.38 | 13.00 | Equatoria 1 Guinea | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 7.94 | 6.36 | 9.74 | Equatoria 1 Guinea | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 12.32 | 9.77 | 15.47 |
| Equatoria 1 Guinea | Both | All ages | 0.36 | 0.31 | 0.41 | Equatoria 1 Guinea | Male | All ages | 0.22 | 0.18 | 0.25 | Equatoria 1 Guinea | Female | All ages | 0.53 | 0.45 | 0.60 |
| Equatoria 1 Guinea | Both | 80-84 | 13.26 | 10.76 | 16.21 | Equatoria 1 Guinea | Male | 80-84 | 10.04 | 8.13 | 12.37 | Equatoria 1 Guinea | Female | 80-84 | 15.35 | 12.50 | 18.70 |


| Equatoria 1 Guinea | Both | 85-89 | 15.76 | 13.07 | 18.87 | Equatoria 1 Guinea | Male | 85-89 | 12.05 | 9.95 | 14.50 | Equatoria <br> 1 Guinea | Female | 85-89 | 17.91 | 14.82 | 21.48 |
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| Equatoria 1 Guinea | Both | 90-94 | 18.08 | 15.11 | 21.52 | Equatoria 1 Guinea | Male | 90-94 | 13.96 | 11.51 | 16.58 | Equatoria 1 Guinea | Female | 90-94 | 19.98 | 16.66 | 23.83 |
| Eritrea | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.29 | 0.21 | 0.39 | Eritrea | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.26 | 0.18 | 0.34 | Eritrea | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.32 | 0.23 | 0.44 |
| Eritrea | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.63 | 0.48 | 0.79 | Eritrea | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.56 | 0.42 | 0.70 | Eritrea | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.70 | 0.53 | 0.89 |
| Eritrea | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.14 | 0.86 | 1.46 | Eritrea | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.00 | 0.75 | 1.27 | Eritrea | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.27 | 0.95 | 1.65 |
| Eritrea | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.85 | 1.45 | 2.27 | Eritrea | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.60 | 1.25 | 1.96 | Eritrea | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.06 | 1.61 | 2.56 |
| Eritrea | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.76 | 2.17 | 3.45 | Eritrea | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.34 | 1.85 | 2.93 | Eritrea | Female | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 3.07 | 2.42 | 3.84 |
| Eritrea | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.17 | 3.34 | 5.12 | Eritrea | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.45 | 2.76 | 4.25 | Eritrea | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.65 | 3.69 | 5.73 |
| Eritrea | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.02 | 4.60 | 7.49 | Eritrea | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.87 | 3.72 | 6.05 | Eritrea | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.68 | 5.11 | 8.35 |
| Eritrea | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.02 | 6.42 | 9.72 | Eritrea | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.43 | 5.16 | 7.74 | Eritrea | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.84 | 7.05 | 10.78 |
| Eritrea | Both | All ages | 0.31 | 0.27 | 0.36 | Eritrea | Male | All ages | 0.22 | 0.19 | 0.26 | Eritrea | Female | All ages | 0.41 | 0.35 | 0.47 |
| Eritrea | Both | 80-84 | 10.07 | 8.16 | 12.42 | Eritrea | Male | 80-84 | 8.02 | 6.52 | 9.84 | Eritrea | Female | 80-84 | 10.95 | 8.84 | 13.46 |
| Eritrea | Both | 85-89 | 11.82 | 9.68 | 14.26 | Eritrea | Male | 85-89 | 9.47 | 7.71 | 11.37 | Eritrea | Female | 85-89 | 12.66 | 10.33 | 15.32 |
| Eritrea | Both | 90-94 | 13.29 | 10.93 | 15.81 | Eritrea | Male | 90-94 | 10.79 | 8.87 | 12.94 | Eritrea | Female | 90-94 | 14.00 | 11.46 | 16.59 |
| Estonia | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.49 | 0.36 | 0.66 | Estonia | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.39 | 0.29 | 0.52 | Estonia | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.59 | 0.43 | 0.80 |
| Estonia | Both | $\begin{aligned} & \text { 45-49 } \\ & \text { years } \end{aligned}$ | 1.05 | 0.81 | 1.32 | Estonia | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.81 | 0.63 | 1.03 | Estonia | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.29 | 0.98 | 1.64 |
| Estonia | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.88 | 1.42 | 2.43 | Estonia | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.41 | 1.08 | 1.80 | Estonia | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.32 | 1.72 | 3.02 |
| Estonia | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.02 | 2.35 | 3.70 | Estonia | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.23 | 1.75 | 2.75 | Estonia | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.72 | 2.85 | 4.59 |
| Estonia | Both | 60-64 years | 4.52 | 3.53 | 5.65 | Estonia | Male | 60-64 years | 3.27 | 2.59 | 4.09 | Estonia | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.53 | 4.27 | 6.99 |
| Estonia | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 6.91 | 5.59 | 8.49 | Estonia | Male | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 4.83 | 3.87 | 5.90 | Estonia | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 8.37 | 6.75 | 10.32 |
| Estonia | Both | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.00 | 7.80 | 12.50 | Estonia | Male | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.82 | 5.26 | 8.61 | Estonia | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.94 | 9.40 | 15.08 |
| Estonia | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 13.22 | 10.60 | 16.16 | Estonia | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.92 | 7.18 | 10.94 | Estonia | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 15.39 | 12.31 | 18.88 |
| Estonia | Both | All ages | 3.24 | 2.78 | 3.71 | Estonia | Male | All ages | 1.75 | 1.50 | 2.00 | Estonia | Female | All ages | 4.52 | 3.86 | 5.23 |
| Estonia | Both | 80-84 | 16.31 | 13.36 | 19.77 | Estonia | Male | 80-84 | 11.01 | 8.90 | 13.48 | Estonia | Female | 80-84 | 18.45 | 15.06 | 22.29 |


| Estonia | Both | 85-89 | 18.73 | 15.45 | 22.53 | Estonia | Male | 85-89 | 12.92 | 10.58 | 15.65 | Estonia | Female | 85-89 | 20.64 | 17.03 | 24.85 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Estonia | Both | 90-94 | 20.61 | 17.15 | 24.28 | Estonia | Male | 90-94 | 14.66 | 12.07 | 17.53 | Estonia | Female | 90-94 | 22.04 | 18.30 | 26.07 |
| Eswatini | Both | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.40 | 0.29 | 0.54 | Eswatini | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.34 | 0.25 | 0.46 | Eswatini | Female | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.46 | 0.34 | 0.62 |
| Eswatini | Both | $\begin{aligned} & 45-49 \\ & \text { vapar } \end{aligned}$ | 0.90 | 0.70 | 1.15 | Eswatini | Male | $\begin{aligned} & \hline 45-49 \\ & \text { vears } \end{aligned}$ | 0.75 | 0.59 | 0.95 | Eswatini | Female | $\begin{aligned} & \hline 45-49 \\ & \text { vears } \end{aligned}$ | 1.05 | 0.80 | 1.35 |
| Eswatini | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.68 | 1.27 | 2.19 | Eswatini | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.38 | 1.06 | 1.75 | Eswatini | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.95 | 1.46 | 2.56 |
| Eswatini | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.76 | 2.13 | 3.38 | Eswatini | Male | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.22 | 1.73 | 2.73 | Eswatini | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.16 | 2.42 | 3.89 |
| Eswatini | Both | $60-64$ years | 4.12 | 3.24 | 5.11 | Eswatini | Male | $60-64$ years | 3.27 | 2.57 | 4.08 | Eswatini | Female | $60-64$ years | 4.73 | 3.68 | 5.88 |
| Eswatini | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 6.32 | 5.09 | 7.73 | Eswatini | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.89 | 3.96 | 6.01 | Eswatini | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 7.26 | 5.84 | 8.92 |
| Eswatini | Both | $70-74$ years | 9.32 | 7.16 | 11.70 | Eswatini | Male | $70-74$ years | 6.99 | 5.42 | 8.88 | Eswatini | Female | $70-74$ years | 10.57 | 8.11 | 13.41 |
| Eswatini | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 12.49 | 9.89 | 15.22 | Eswatini | Male | $\begin{aligned} & \hline 75-79 \\ & \text { vears } \end{aligned}$ | 9.22 | 7.39 | 11.33 | Eswatini | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 13.93 | 11.04 | 17.00 |
| Eswatini | Both | All ages | 0.64 | 0.55 | 0.74 | Eswatini | Male | All ages | 0.39 | 0.34 | 0.45 | Eswatini | Female | All ages | 0.87 | 0.74 | 1.01 |
| Eswatini | Both | 80-84 | 15.54 | 12.58 | 18.84 | Eswatini | Male | 80-84 | 11.43 | 9.16 | 14.07 | Eswatini | Female | 80-84 | 17.05 | 13.74 | 20.65 |
| Eswatini | Both | 85-89 | 17.95 | 14.89 | 21.51 | Eswatini | Male | 85-89 | 13.32 | 10.93 | 16.20 | Eswatini | Female | 85-89 | 19.35 | 15.99 | 23.22 |
| Eswatini | Both | 90-94 | 19.71 | 16.38 | 23.40 | Eswatini | Male | 90-94 | 14.91 | 12.28 | 17.90 | Eswatini | Female | 90-94 | 20.87 | 17.35 | 24.78 |
| Ethiopia | Both | 40-44 years | 0.25 | 0.18 | 0.33 | Ethiopia | Male | 40-44 years | 0.22 | 0.16 | 0.30 | Ethiopia | Female | 40-44 years | 0.27 | 0.20 | 0.36 |
| Ethiopia | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.56 | 0.43 | 0.71 | Ethiopia | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.50 | 0.38 | 0.64 | Ethiopia | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.62 | 0.48 | 0.79 |
| Ethiopia | Both | 50-54 years | 1.04 | 0.79 | 1.33 | Ethiopia | Male | 50-54 years | 0.92 | 0.70 | 1.19 | Ethiopia | Female | $50-54$ years | 1.17 | 0.88 | 1.49 |
| Ethiopia | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.70 | 1.33 | 2.07 | Ethiopia | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.48 | 1.17 | 1.81 | Ethiopia | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.91 | 1.49 | 2.35 |
| Ethiopia | Both | 60-64 years | 2.52 | 1.98 | 3.14 | Ethiopia | Male | 60-64 years | 2.18 | 1.72 | 2.71 | Ethiopia | Female | 60-64 years | 2.86 | 2.25 | 3.58 |
| Ethiopia | Both | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 3.73 | 2.99 | 4.60 | Ethiopia | Male | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 3.21 | 2.58 | 3.94 | Ethiopia | Female | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 4.29 | 3.43 | 5.30 |
| Ethiopia | Both | 70-74 years | 5.27 | 4.07 | 6.60 | Ethiopia | Male | 70-74 years | 4.51 | 3.50 | 5.64 | Ethiopia | Female | 70-74 years | 6.11 | 4.72 | 7.66 |
| Ethiopia | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.95 | 5.61 | 8.46 | Ethiopia | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.95 | 4.79 | 7.28 | Ethiopia | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.06 | 6.48 | 9.83 |
| Ethiopia | Both | All ages | 0.29 | 0.25 | 0.33 | Ethiopia | Male | All ages | 0.26 | 0.22 | 0.29 | Ethiopia | Female | All ages | 0.32 | 0.27 | 0.37 |
| Ethiopia | Both | 80-84 | 8.66 | 7.07 | 10.65 | Ethiopia | Male | 80-84 | 7.43 | 5.98 | 9.10 | Ethiopia | Female | 80-84 | 10.00 | 8.17 | 12.32 |


| Ethiopia | Both | 85-89 | 10.25 | 8.40 | 12.30 | Ethiopia | Male | 85-89 | 8.86 | 7.23 | 10.65 | Ethiopia | Female | 85-89 | 11.68 | 9.59 | 14.04 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Ethiopia | Both | 90-94 | 11.82 | 9.75 | 14.18 | Ethiopia | Male | 90-94 | 10.26 | 8.41 | 12.37 | Ethiopia | Female | 90-94 | 13.16 | 10.82 | 15.83 |
| Fiji | Both | 80-84 | 17.37 | 14.17 | 21.04 | Fiji | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.60 | 0.44 | 0.80 | Fiji | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.75 | 0.55 | 1.00 |
| Fiji | Both | $40-44$ years | 0.67 | 0.50 | 0.88 | Fiji | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.31 | 1.00 | 1.66 | Fiji | Female | $\begin{aligned} & \text { 45-49 } \\ & \text { years } \end{aligned}$ | 1.67 | 1.29 | 2.12 |
| Fiji | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.48 | 1.15 | 1.87 | Fiji | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.33 | 1.76 | 3.01 | Fiji | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 3.02 | 2.28 | 3.94 |
| Fiji | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.67 | 2.01 | 3.44 | Fiji | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.58 | 2.79 | 4.39 | Fiji | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.66 | 3.63 | 5.73 |
| Fiji | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.11 | 3.25 | 5.01 | Fiji | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.01 | 3.91 | 6.23 | Fiji | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.57 | 5.11 | 8.11 |
| Fiji | Both | 60-64 years | 5.81 | 4.54 | 7.11 | Fiji | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 6.98 | 5.64 | 8.59 | Fiji | Female | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 9.52 | 7.72 | 11.55 |
| Fiji | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.33 | 6.78 | 10.16 | Fiji | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.38 | 7.35 | 11.71 | Fiji | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 13.24 | 10.32 | 16.73 |
| Fiji | Both | $70-74$ years | 11.47 | 8.95 | 14.40 | Fiji | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 11.65 | 9.34 | 14.29 | Fiji | Female | $\begin{aligned} & \begin{array}{l} 75-79 \\ \text { years } \end{array} \end{aligned}$ | 16.72 | 13.24 | 20.65 |
| Fiji | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 14.58 | 11.64 | 17.92 | Fiji | Male | All ages | 1.11 | 0.94 | 1.28 | Fiji | Female | All ages | 1.70 | 1.46 | 1.96 |
| Fiji | Both | All ages | 1.40 | 1.20 | 1.61 | Fiji | Male | 80-84 | 13.66 | 10.94 | 16.71 | Fiji | Female | 80-84 | 19.67 | 15.98 | 23.87 |
| Fiji | Both | 85-89 | 19.35 | 15.99 | 23.17 | Fiji | Male | 85-89 | 15.14 | 12.38 | 18.18 | Fiji | Female | 85-89 | 21.55 | 17.73 | 25.88 |
| Fiji | Both | 90-94 | 21.07 | 17.53 | 24.87 | Fiji | Male | 90-94 | 16.18 | 13.37 | 19.18 | Fiji | Female | 90-94 | 22.52 | 18.69 | 26.62 |
| Finland | Both | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.96 | 0.73 | 1.27 | Finland | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 7.56 | 6.13 | 9.30 | Finland | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.22 | 7.47 | 11.20 |
| Finland | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.69 | 1.34 | 2.11 | Finland | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 10.75 | 8.23 | 13.46 | Finland | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 13.73 | 10.68 | 17.18 |
| Finland | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.56 | 1.99 | 3.25 | Finland | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 13.73 | 10.94 | 16.76 | Finland | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 18.08 | 14.54 | 22.23 |
| Finland | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.76 | 2.97 | 4.53 | Finland | Male | All ages | 3.33 | 2.83 | 3.87 | Finland | Female | All ages | 5.29 | 4.56 | 6.05 |
| Finland | Both | 60-64 years | 5.44 | 4.33 | 6.72 | Finland | Male | 80-84 | 16.34 | 13.18 | 19.82 | Finland | Female | 80-84 | 21.99 | 18.06 | 26.48 |
| Finland | Both | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 8.42 | 6.90 | 10.20 | Finland | Male | 85-89 | 18.25 | 15.09 | 21.93 | Finland | Female | 85-89 | 24.91 | 20.63 | 29.87 |
| Finland | Both | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 12.33 | 9.59 | 15.39 | Finland | Male | 90-94 | 19.47 | 16.26 | 23.18 | Finland | Female | 90-94 | 26.77 | 22.27 | 31.80 |
| Finland | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 16.16 | 12.99 | 19.80 | Finland | Male | $40-44$ years | 0.53 | 0.39 | 0.72 | Finland | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 1.41 | 1.06 | 1.85 |
| Finland | Both | All ages | 4.35 | 3.71 | 4.99 | Finland | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.10 | 0.84 | 1.41 | Finland | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 2.29 | 1.80 | 2.87 |
| Finland | Both | 80-84 | 19.71 | 16.11 | 23.71 | Finland | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.96 | 1.48 | 2.54 | Finland | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.16 | 2.46 | 4.00 |


| Finland | Both | 85-89 | 22.57 | 18.74 | 26.80 | Finland | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.25 | 2.54 | 3.99 | Finland | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 4.26 | 3.37 | 5.15 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Finland | Both | 90-94 | 24.66 | 20.64 | 29.24 | Finland | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.98 | 3.90 | 6.22 | Finland | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.89 | 4.69 | 7.25 |
| France | Both | $\begin{aligned} & 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.96 | 0.72 | 1.24 | France | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.52 | 0.38 | 0.69 | France | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.37 | 1.03 | 1.80 |
| France | Both | $\begin{array}{r} 45-49 \\ \text { years } \\ \hline \end{array}$ | 1.67 | 1.30 | 2.05 | France | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.08 | 0.82 | 1.36 | France | Female | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.23 | 1.75 | 2.77 |
| France | Both | $50-54$ years | 2.52 | 1.96 | 3.18 | France | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.92 | 1.46 | 2.46 | France | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.09 | 2.42 | 3.91 |
| France | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.71 | 2.93 | 4.49 | France | Male | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.20 | 2.52 | 3.94 | France | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.18 | 3.33 | 5.11 |
| France | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.38 | 4.28 | 6.51 | France | Male | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 4.92 | 3.87 | 6.15 | France | Female | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 5.81 | 4.65 | 6.99 |
| France | Both | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 8.32 | 6.76 | 9.96 | France | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.45 | 5.96 | 9.07 | France | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.09 | 7.33 | 10.88 |
| France | Both | $70-74$ years | 12.16 | 9.45 | 15.22 | France | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.55 | 8.13 | 13.14 | France | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 13.55 | 10.55 | 17.07 |
| France | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 15.87 | 12.67 | 19.37 | France | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 13.45 | 10.71 | 16.37 | France | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 17.82 | 14.11 | 21.96 |
| France | Both | All ages | 4.04 | 3.48 | 4.58 | France | Male | All ages | 3.07 | 2.62 | 3.52 | France | Female | All ages | 4.91 | 4.23 | 5.59 |
| France | Both | 80-84 | 19.31 | 15.54 | 23.35 | France | Male | 80-84 | 15.98 | 12.91 | 19.26 | France | Female | 80-84 | 21.59 | 17.37 | 26.25 |
| France | Both | 85-89 | 22.11 | 18.37 | 26.49 | France | Male | 85-89 | 17.86 | 14.74 | 21.38 | France | Female | 85-89 | 24.42 | 20.14 | 29.22 |
| France | Both | 90-94 | 24.18 | 20.38 | 28.63 | France | Male | 90-94 | 19.07 | 15.79 | 22.79 | France | Female | 90-94 | 26.25 | 22.01 | 31.06 |
| Gabon | Both | 40-44 years | 0.34 | 0.25 | 0.45 | Gabon | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.29 | 0.21 | 0.40 | Gabon | Female | 80-84 | 15.27 | 12.33 | 18.66 |
| Gabon | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.77 | 0.59 | 0.97 | Gabon | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.64 | 0.47 | 0.82 | Gabon | Female | 85-89 | 17.66 | 14.52 | 21.42 |
| Gabon | Both | 50-54 years | 1.41 | 1.06 | 1.82 | Gabon | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.16 | 0.87 | 1.52 | Gabon | Female | 90-94 | 19.50 | 16.16 | 23.41 |
| Gabon | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.30 | 1.80 | 2.82 | Gabon | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.89 | 1.46 | 2.33 | Gabon | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.39 | 0.28 | 0.52 |
| Gabon | Both | 60-64 years | 3.45 | 2.76 | 4.29 | Gabon | Male | 60-64 years | 2.82 | 2.21 | 3.54 | Gabon | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.89 | 0.68 | 1.13 |
| Gabon | Both | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 5.26 | 4.24 | 6.47 | Gabon | Male | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 4.20 | 3.31 | 5.18 | Gabon | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.65 | 1.23 | 2.14 |
| Gabon | Both | 70-74 years | 7.76 | 5.99 | 9.66 | Gabon | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 5.97 | 4.59 | 7.50 | Gabon | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.72 | 2.14 | 3.32 |
| Gabon | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 10.61 | 8.40 | 12.90 | Gabon | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 7.91 | 6.33 | 9.60 | Gabon | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 4.13 | 3.27 | 5.10 |
| Gabon | Both | All ages | 0.64 | 0.55 | 0.73 | Gabon | Male | All ages | 0.48 | 0.40 | 0.55 | Gabon | Female | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 6.36 | 5.11 | 7.74 |
| Gabon | Both | 80-84 | 13.51 | 10.91 | 16.42 | Gabon | Male | 80-84 | 9.91 | 7.99 | 12.21 | Gabon | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.27 | 7.13 | 11.57 |


| Gabon | Both | 85-89 | 15.99 | 13.21 | 19.26 | Gabon | Male | 85-89 | 11.78 | 9.66 | 14.26 | Gabon | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 12.32 | 9.77 | 14.98 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gabon | Both | 90-94 | 18.05 | 14.91 | 21.59 | Gabon | Male | 90-94 | 13.55 | 11.14 | 16.33 | Gabon | Female | All ages | 0.79 | 0.68 | 0.90 |
| Gambia | Both | $40-44$ years | 0.32 | 0.23 | 0.42 | Gambia | Male | All ages | 0.36 | 0.31 | 0.41 | Gambia | Female | All ages | 0.45 | 0.39 | 0.52 |
| Gambia | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.70 | 0.54 | 0.90 | Gambia | Male | 80-84 | 9.53 | 7.62 | 11.82 | Gambia | Female | 80-84 | 11.90 | 9.61 | 14.52 |
| Gambia | Both | 50-54 years | 1.28 | 0.96 | 1.68 | Gambia | Male | 85-89 | 11.09 | 9.00 | 13.61 | Gambia | Female | 85-89 | 13.65 | 11.16 | 16.60 |
| Gambia | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.07 | 1.60 | 2.55 | Gambia | Male | 90-94 | 12.42 | 10.18 | 15.00 | Gambia | Female | 90-94 | 14.97 | 12.28 | 17.77 |
| Gambia | Both | 60-64 <br> years | 3.08 | 2.40 | 3.85 | Gambia | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.30 | 0.21 | 0.40 | Gambia | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.34 | 0.24 | 0.45 |
| Gambia | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.63 | 3.71 | 5.71 | Gambia | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.65 | 0.50 | 0.83 | Gambia | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.76 | 0.58 | 0.99 |
| Gambia | Both | 70-74 years | 6.62 | 5.11 | 8.32 | Gambia | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.18 | 0.88 | 1.54 | Gambia | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.39 | 1.05 | 1.83 |
| Gambia | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.78 | 7.06 | 10.71 | Gambia | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.90 | 1.46 | 2.36 | Gambia | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.26 | 1.74 | 2.76 |
| Gambia | Both | All ages | 0.41 | 0.35 | 0.47 | Gambia | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.80 | 2.18 | 3.51 | Gambia | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.37 | 2.62 | 4.23 |
| Gambia | Both | 80-84 | 10.91 | 8.87 | 13.45 | Gambia | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.14 | 3.29 | 5.14 | Gambia | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.10 | 4.06 | 6.26 |
| Gambia | Both | 85-89 | 12.68 | 10.36 | 15.40 | Gambia | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 5.86 | 4.49 | 7.53 | Gambia | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.35 | 5.64 | 9.23 |
| Gambia | Both | 90-94 | 14.10 | 11.62 | 16.84 | Gambia | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 7.70 | 6.11 | 9.50 | Gambia | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 9.68 | 7.77 | 11.79 |
| Georgia | Both | 40-44 years | 0.48 | 0.35 | 0.64 | Georgia | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.42 | 0.30 | 0.58 | Georgia | Female | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.53 | 0.39 | 0.72 |
| Georgia | Both | $\begin{array}{r} 45-49 \\ \text { years } \\ \hline \end{array}$ | 1.01 | 0.79 | 1.29 | Georgia | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.86 | 0.66 | 1.09 | Georgia | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.15 | 0.89 | 1.46 |
| Georgia | Both | 50-54 years | 1.80 | 1.36 | 2.32 | Georgia | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.50 | 1.13 | 1.91 | Georgia | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.06 | 1.57 | 2.66 |
| Georgia | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.86 | 2.23 | 3.52 | Georgia | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.36 | 1.84 | 2.85 | Georgia | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.28 | 2.54 | 4.10 |
| Georgia | Both | 60-64 years | 4.22 | 3.30 | 5.31 | Georgia | Male | $\overline{60-64}$ years | 3.44 | 2.70 | 4.28 | Georgia | Female | 60-64 years | 4.84 | 3.76 | 6.16 |
| Georgia | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.39 | 5.10 | 7.87 | Georgia | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.11 | 4.11 | 6.28 | Georgia | Female | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.30 | 5.77 | 9.02 |
| Georgia | Both | 70-74 years | 9.16 | 7.08 | 11.55 | Georgia | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.26 | 5.62 | 9.25 | Georgia | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.41 | 8.05 | 13.26 |
| Georgia | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.97 | 9.46 | 14.74 | Georgia | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.45 | 7.52 | 11.63 | Georgia | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 13.40 | 10.59 | 16.56 |
| Georgia | Both | All ages | 2.41 | 2.08 | 2.77 | Georgia | Male | All ages | 1.59 | 1.37 | 1.83 | Georgia | Female | All ages | 3.14 | 2.69 | 3.63 |
| Georgia | Both | 80-84 | 14.51 | 11.77 | 17.75 | Georgia | Male | 80-84 | 11.54 | 9.28 | 14.21 | Georgia | Female | 80-84 | 16.04 | 12.83 | 19.62 |


| Georgia | Both | 85-89 | 16.52 | 13.50 | 19.82 | Georgia | Male | 85-89 | 13.31 | 10.88 | 16.13 | Georgia | Female | 85-89 | 17.95 | 14.59 | 21.62 |
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| Georgia | Both | 90-94 | 18.13 | 15.01 | 21.67 | Georgia | Male | 90-94 | 14.83 | 12.17 | 17.68 | Georgia | Female | 90-94 | 19.21 | 15.89 | 22.99 |
| Germany | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.98 | 0.73 | 1.27 | Germany | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.54 | 0.39 | 0.73 | Germany | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.42 | 1.05 | 1.84 |
| Germany | Both | $\begin{aligned} & 45-49 \\ & \text { yenar } \end{aligned}$ | 1.72 | 1.35 | 2.12 | Germany | Male | $45-49$ | 1.13 | 0.87 | 1.43 | Germany | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.30 | 1.81 | 2.88 |
| Germany | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.59 | 2.02 | 3.28 | Germany | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.02 | 1.53 | 2.58 | Germany | Female | $50-54$ years | 3.17 | 2.46 | 4.03 |
| Germany | Both | $\begin{aligned} & 55-59 \\ & \text { venar } \end{aligned}$ | 3.81 | 3.03 | 4.63 | Germany | Male | $\begin{aligned} & 55-59 \\ & \text { yenar } \end{aligned}$ | 3.36 | 2.65 | 4.12 | Germany | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.25 | 3.38 | 5.23 |
| Germany | Both | 60-64 years | 5.53 | 4.45 | 6.77 | Germany | Male | 60-64 years | 5.17 | 4.04 | 6.40 | Germany | Female | 60-64 years | 5.88 | 4.71 | 7.23 |
| Germany | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.58 | 6.98 | 10.31 | Germany | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.88 | 6.38 | 9.55 | Germany | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.23 | 7.46 | 11.10 |
| Germany | Both | $70-74$ | 12.57 | 9.87 | 15.82 | Germany | Male | $\overline{70-74}$ years | 11.19 | 8.67 | 13.97 | Germany | Female | $70-74$ years | 13.79 | 10.83 | 17.25 |
| Germany | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 16.43 | 13.19 | 20.12 | Germany | Male | $\begin{aligned} & 75-79 \\ & \text { vears } \end{aligned}$ | 14.29 | 11.31 | 17.48 | Germany | Female | $\begin{aligned} & \hline 75-79 \\ & \text { veary } \end{aligned}$ | 18.17 | 14.72 | 22.27 |
| Germany | Both | All ages | 4.49 | 3.88 | 5.14 | Germany | Male | All ages | 3.50 | 2.99 | 4.03 | Germany | Female | All ages | 5.43 | 4.70 | 6.20 |
| Germany | Both | 80-84 | 19.98 | 16.48 | 23.95 | Germany | Male | 80-84 | 17.01 | 13.74 | 20.76 | Germany | Female | 80-84 | 22.11 | 18.24 | 26.58 |
| Germany | Both | 85-89 | 22.84 | 19.06 | 27.17 | Germany | Male | 85-89 | 18.98 | 15.74 | 22.91 | Germany | Female | 85-89 | 25.11 | 20.93 | 29.66 |
| Germany | Both | 90-94 | 25.11 | 21.11 | 29.36 | Germany | Male | 90-94 | 20.21 | 16.90 | 24.03 | Germany | Female | 90-94 | 27.10 | 22.73 | 31.68 |
| Ghana | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.30 | 0.22 | 0.40 | Ghana | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.28 | 0.20 | 0.37 | Ghana | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.32 | 0.23 | 0.43 |
| Ghana | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.66 | 0.51 | 0.84 | Ghana | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.61 | 0.47 | 0.77 | Ghana | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.71 | 0.54 | 0.91 |
| Ghana | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.21 | 0.91 | 1.56 | Ghana | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.11 | 0.84 | 1.41 | Ghana | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.30 | 0.97 | 1.67 |
| Ghana | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.96 | 1.53 | 2.40 | Ghana | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.77 | 1.37 | 2.19 | Ghana | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.11 | 1.65 | 2.59 |
| Ghana | Both | 60-64 years | 2.90 | 2.27 | 3.64 | Ghana | Male | 60-64 years | 2.59 | 2.01 | 3.27 | Ghana | Female | 60-64 years | 3.15 | 2.47 | 3.96 |
| Ghana | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.36 | 3.51 | 5.37 | Ghana | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.84 | 3.07 | 4.76 | Ghana | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.78 | 3.82 | 5.93 |
| Ghana | Both | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 6.26 | 4.86 | 7.95 | Ghana | Male | $70-74$ years | 5.47 | 4.20 | 6.91 | Ghana | Female | $70-74$ years | 6.88 | 5.30 | 8.76 |
| Ghana | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.33 | 6.62 | 10.30 | Ghana | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.21 | 5.72 | 8.86 | Ghana | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.09 | 7.25 | 11.30 |
| Ghana | Both | All ages | 0.44 | 0.38 | 0.51 | Ghana | Male | All ages | 0.36 | 0.30 | 0.41 | Ghana | Female | All ages | 0.53 | 0.46 | 0.61 |
| Ghana | Both | 80-84 | 10.38 | 8.29 | 12.81 | Ghana | Male | 80-84 | 8.97 | 7.15 | 11.08 | Ghana | Female | 80-84 | 11.26 | 9.01 | 13.93 |


| Ghana | Both | 85-89 | 12.20 | 10.04 | 14.82 | Ghana | Male | 85-89 | 10.58 | 8.67 | 12.94 | Ghana | Female | 85-89 | 13.07 | 10.77 | 15.88 |
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| Ghana | Both | 90-94 | 13.82 | 11.47 | 16.47 | Ghana | Male | 90-94 | 12.05 | 9.93 | 14.61 | Ghana | Female | 90-94 | 14.55 | 12.04 | 17.41 |
| Greece | Both | All ages | 4.99 | 4.30 | 5.73 | Greece | Male | All ages | 3.97 | 3.38 | 4.62 | Greece | Female | $40-44$ years | 1.61 | 1.20 | 2.12 |
| Greece | Both | 80-84 | 21.56 | 17.57 | 26.10 | Greece | Male | 80-84 | 18.00 | 14.65 | 21.95 | Greece | Female | $\begin{aligned} & \hline 45-49 \\ & \text { vears } \end{aligned}$ | 2.59 | 2.03 | 3.26 |
| Greece | Both | 85-89 | 24.07 | 19.93 | 28.85 | Greece | Male | 85-89 | 19.78 | 16.28 | 23.74 | Greece | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 3.53 | 2.75 | 4.44 |
| Greece | Both | 90-94 | 25.31 | 21.27 | 29.86 | Greece | Male | 90-94 | 20.72 | 17.21 | 24.80 | Greece | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.72 | 3.74 | 5.78 |
| Greece | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.11 | 0.83 | 1.45 | Greece | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.58 | 0.42 | 0.79 | Greece | Female | $\begin{aligned} & 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.53 | 5.25 | 7.93 |
| Greece | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.92 | 1.52 | 2.38 | Greece | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.22 | 0.93 | 1.55 | Greece | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 10.30 | 8.33 | 12.38 |
| Greece | Both | 50-54 years | 2.88 | 2.24 | 3.60 | Greece | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 2.18 | 1.65 | 2.78 | Greece | Female | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 15.37 | 11.89 | 19.38 |
| Greece | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.20 | 3.34 | 5.09 | Greece | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.64 | 2.85 | 4.54 | Greece | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 20.07 | 16.16 | 24.72 |
| Greece | Both | 60-64 years | 6.09 | 4.86 | 7.41 | Greece | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.60 | 4.35 | 7.09 | Greece | Female | All ages | 5.93 | 5.09 | 6.81 |
| Greece | Both | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.46 | 7.66 | 11.40 | Greece | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 8.55 | 6.83 | 10.45 | Greece | Female | 80-84 | 24.09 | 19.56 | 29.04 |
| Greece | Both | $70-74$ years | 13.86 | 10.77 | 17.45 | Greece | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 12.12 | 9.32 | 15.53 | Greece | Female | 85-89 | 26.90 | 22.30 | 32.11 |
| Greece | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 17.95 | 14.41 | 21.99 | Greece | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 15.34 | 12.22 | 19.03 | Greece | Female | 90-94 | 28.49 | 23.78 | 33.64 |
| Greenlan <br> d | Both | 40-44 years | 1.10 | 0.82 | 1.41 | Greenlan <br> d | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.57 | 1.97 | 3.29 | Greenlan <br> d | Female | 40-44 years | 1.58 | 1.19 | 2.03 |
| Greenlan d | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.93 | 1.54 | 2.37 | Greenlan d | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.33 | 3.42 | 5.28 | Greenlan d | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 2.50 | 1.97 | 3.10 |
| Greenlan <br> d | Both | 50-54 years | 2.95 | 2.31 | 3.65 | Greenlan <br> d | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.72 | 5.27 | 8.48 | Greenlan <br> d | Female | $50-54$ years | 3.37 | 2.65 | 4.16 |
| Greenlan d | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.42 | 3.51 | 5.30 | Greenlan d | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 10.35 | 8.34 | 12.71 | Greenlan d | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.51 | 3.58 | 5.47 |
| Greenlan <br> d | Both | 60-64 years | 6.55 | 5.23 | 8.08 | Greenlan <br> d | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 14.80 | 11.61 | 18.77 | Greenlan <br> d | Female | 60-64 years | 6.32 | 5.03 | 7.79 |
| Greenlan d | Both | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 10.27 | 8.33 | 12.47 | Greenlan d | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 18.88 | 15.25 | 23.52 | Greenlan d | Female | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 10.17 | 8.23 | 12.34 |
| Greenlan <br> d | Both | 70-74 years | 15.05 | 11.78 | 18.98 | Greenlan <br> d | Male | All ages | 2.71 | 2.33 | 3.14 | Greenlan <br> d | Female | 70-74 years | 15.39 | 11.99 | 19.31 |
| Greenlan d | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 19.68 | 15.92 | 24.03 | Greenlan d | Male | 80-84 | 22.50 | 18.55 | 27.28 | Greenlan <br> d | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 20.44 | 16.54 | 25.05 |
| Greenlan <br> d | Both | All ages | 2.79 | 2.42 | 3.17 | Greenlan <br> d | Male | 85-89 | 25.45 | 21.16 | 30.22 | Greenlan <br> d | Female | All ages | 2.88 | 2.50 | 3.27 |
| Greenlan <br> d | Both | 80-84 | 24.00 | 19.95 | 28.60 | Greenlan <br> d | Male | 90-94 | 27.52 | 23.13 | 32.18 | Greenlan <br> d | Female | 80-84 | 25.22 | 20.81 | 30.11 |


| Greenlan <br> d | Both | 85-89 | 27.84 | 23.29 | 32.85 | Greenlan d | Male | $40-44$ years | 0.69 | 0.50 | 0.91 | Greenlan <br> d | Female | 85-89 | 29.28 | 24.57 | 34.47 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Greenlan <br> d | Both | 90-94 | 30.55 | 25.84 | 35.36 | $\begin{aligned} & \text { Greenlan } \\ & \text { d } \end{aligned}$ | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.43 | 1.11 | 1.80 | $\begin{aligned} & \text { Greenlan } \\ & \text { d } \end{aligned}$ | Female | 90-94 | 32.27 | 27.37 | 37.51 |
| Grenada | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.33 | 0.24 | 0.44 | Grenada | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.28 | 0.20 | 0.37 | Grenada | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.38 | 0.27 | 0.51 |
| Grenada | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.68 | 0.52 | 0.87 | Grenada | Male | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.58 | 0.45 | 0.73 | Grenada | Female | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.79 | 0.60 | 1.01 |
| Grenada | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.20 | 0.91 | 1.54 | Grenada | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.01 | 0.77 | 1.30 | Grenada | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.40 | 1.05 | 1.80 |
| Grenada | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.93 | 1.50 | 2.35 | Grenada | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.62 | 1.26 | 1.99 | Grenada | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.26 | 1.75 | 2.79 |
| Grenada | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.90 | 2.30 | 3.61 | Grenada | Male | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 2.43 | 1.91 | 3.03 | Grenada | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.41 | 2.68 | 4.27 |
| Grenada | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.56 | 3.64 | 5.59 | Grenada | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.79 | 3.01 | 4.66 | Grenada | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.33 | 4.24 | 6.55 |
| Grenada | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.76 | 5.19 | 8.53 | Grenada | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.58 | 4.26 | 7.02 | Grenada | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.84 | 6.02 | 10.05 |
| Grenada | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 9.07 | 7.19 | 11.13 | Grenada | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 7.43 | 5.91 | 9.15 | Grenada | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 10.38 | 8.24 | 12.86 |
| Grenada | Both | All ages | 1.08 | 0.93 | 1.24 | Grenada | Male | All ages | 0.81 | 0.68 | 0.93 | Grenada | Female | All ages | 1.36 | 1.17 | 1.57 |
| Grenada | Both | 80-84 | 11.53 | 9.42 | 14.19 | Grenada | Male | 80-84 | 9.23 | 7.43 | 11.32 | Grenada | Female | 80-84 | 12.75 | 10.35 | 15.81 |
| Grenada | Both | 85-89 | 13.70 | 11.34 | 16.71 | Grenada | Male | 85-89 | 10.80 | 8.83 | 13.18 | Grenada | Female | 85-89 | 14.58 | 12.01 | 17.75 |
| Grenada | Both | 90-94 | 15.34 | 12.66 | 18.38 | Grenada | Male | 90-94 | 12.18 | 9.92 | 14.70 | Grenada | Female | 90-94 | 15.90 | 13.12 | 19.08 |
| Guam | Both | $40-44$ years | 0.54 | 0.40 | 0.72 | Guam | Male | $40-44$ years | 0.48 | 0.36 | 0.66 | Guam | Female | 40-44 years | 0.59 | 0.44 | 0.79 |
| Guam | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.16 | 0.90 | 1.44 | Guam | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.03 | 0.80 | 1.29 | Guam | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.30 | 1.01 | 1.62 |
| Guam | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.06 | 1.57 | 2.62 | Guam | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.81 | 1.38 | 2.31 | Guam | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.35 | 1.78 | 2.97 |
| Guam | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.25 | 2.55 | 3.93 | Guam | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.84 | 2.20 | 3.45 | Guam | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.70 | 2.91 | 4.54 |
| Guam | Both | 60-64 years | 4.70 | 3.74 | 5.75 | Guam | Male | 60-64 years | 4.06 | 3.20 | 4.98 | Guam | Female | 60-64 years | 5.37 | 4.25 | 6.58 |
| Guam | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 6.76 | 5.53 | 8.17 | Guam | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.67 | 4.58 | 6.89 | Guam | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 7.76 | 6.31 | 9.44 |
| Guam | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.15 | 7.20 | 11.27 | Guam | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.59 | 5.91 | 9.36 | Guam | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 10.72 | 8.53 | 13.18 |
| Guam | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.83 | 9.63 | 14.40 | Guam | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 9.57 | 7.72 | 11.61 | Guam | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 13.70 | 11.10 | 16.77 |
| Guam | Both | All ages | 1.67 | 1.43 | 1.90 | Guam | Male | All ages | 1.31 | 1.11 | 1.51 | Guam | Female | All ages | 2.04 | 1.76 | 2.33 |
| Guam | Both | 80-84 | 14.46 | 11.95 | 17.65 | Guam | Male | 80-84 | 11.50 | 9.39 | 14.05 | Guam | Female | 80-84 | 16.51 | 13.64 | 20.15 |


| Guam | Both | 85-89 | 16.65 | 13.93 | 20.04 | Guam | Male | 85-89 | 13.20 | 10.96 | 15.88 | Guam | Female | 85-89 | 18.75 | 15.72 | 22.64 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Guam | Both | 90-94 | 18.30 | 15.36 | 21.74 | Guam | Male | 90-94 | 14.72 | 12.17 | 17.53 | Guam | Female | 90-94 | 20.49 | 17.25 | 24.35 |
| $\begin{aligned} & \text { Guatemal } \\ & \text { a } \end{aligned}$ | Both | 70-74 years | 6.74 | 5.18 | 8.46 | Guatemal a | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.27 | 0.19 | 0.36 | Guatemal a | Female | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 7.78 | 5.89 | 9.95 |
| $\begin{aligned} & \text { Guatemal } \\ & \text { a } \end{aligned}$ | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.00 | 7.19 | 10.85 | Guatemal $\mathrm{a}$ | Male | $\begin{array}{r} 45-49 \\ \text { years } \\ \hline \end{array}$ | 0.55 | 0.42 | 0.69 | Guatemal $\mathrm{a}$ | Female | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.37 | 8.20 | 12.72 |
| $\begin{aligned} & \text { Guatemal } \\ & \text { a } \end{aligned}$ | Both | All ages | 0.61 | 0.53 | 0.70 | $\begin{aligned} & \text { Guatemal } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.95 | 0.72 | 1.22 | Guatemal <br> a | Female | All ages | 0.74 | 0.63 | 0.85 |
| $\begin{aligned} & \text { Guatemal } \\ & \text { a } \end{aligned}$ | Both | 80-84 | 11.09 | 9.02 | 13.53 | Guatemal a | Male | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.51 | 1.17 | 1.85 | Guatemal a | Female | 80-84 | 12.69 | 10.25 | 15.58 |
| $\begin{aligned} & \text { Guatemal } \\ & \text { a } \end{aligned}$ | Both | 85-89 | 12.79 | 10.53 | 15.48 | Guatemal a | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 2.29 | 1.80 | 2.84 | Guatemal a | Female | 85-89 | 14.33 | 11.80 | 17.53 |
| $\begin{aligned} & \text { Guatemal } \\ & \text { a } \end{aligned}$ | Both | 90-94 | 14.29 | 11.89 | 17.10 | $\begin{aligned} & \text { Guatemal } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.67 | 2.94 | 4.48 | $\begin{aligned} & \text { Guatemal } \\ & \text { a } \end{aligned}$ | Female | 90-94 | 15.42 | 12.84 | 18.53 |
| $\begin{aligned} & \hline \text { Guatemal } \\ & \text { a } \\ & \hline \end{aligned}$ | Both | 40-44 years | 0.32 | 0.23 | 0.43 | $\begin{aligned} & \hline \text { Guatemal } \\ & \text { a } \\ & \hline \end{aligned}$ | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.52 | 4.27 | 6.85 | $\begin{aligned} & \text { Guatemal } \\ & \mathrm{a} \\ & \hline \end{aligned}$ | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.36 | 0.26 | 0.48 |
| $\begin{aligned} & \text { Guatemal } \\ & \text { a } \end{aligned}$ | Both | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.66 | 0.51 | 0.83 | Guatemal a | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 7.39 | 5.95 | 8.98 | $\begin{aligned} & \text { Guatemal } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.75 | 0.58 | 0.95 |
| $\begin{aligned} & \text { Guatemal } \\ & \text { a } \end{aligned}$ | Both | 50-54 years | 1.15 | 0.87 | 1.48 | $\begin{aligned} & \text { Guatemal } \\ & \mathrm{a} \\ & \hline \end{aligned}$ | Male | All ages | 0.47 | 0.40 | 0.54 | Guatemal a | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.32 | 0.99 | 1.69 |
| $\begin{aligned} & \text { Guatemal } \\ & \text { a } \end{aligned}$ | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.84 | 1.43 | 2.24 | Guatemal a | Male | 80-84 | 9.13 | 7.44 | 11.24 | Guatemal a | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.11 | 1.63 | 2.58 |
| $\begin{aligned} & \text { Guatemal } \\ & \text { a } \end{aligned}$ | Both | 60-64 years | 2.78 | 2.19 | 3.45 | Guatemal <br> a | Male | 85-89 | 10.54 | 8.56 | 12.74 | Guatemal a | Female | 60-64 years | 3.20 | 2.52 | 4.04 |
| $\begin{aligned} & \text { Guatemal } \\ & \text { a } \end{aligned}$ | Both | 65-69 years | 4.47 | 3.56 | 5.50 | Guatemal a | Male | 90-94 | 11.71 | 9.55 | 14.07 | Guatemal a <br> a | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.16 | 4.09 | 6.38 |
| Guinea | Both | 40-44 years | 0.28 | 0.20 | 0.37 | Guinea | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.26 | 0.19 | 0.35 | Guinea | Female | 40-44 years | 0.30 | 0.22 | 0.40 |
| Guinea | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.61 | 0.47 | 0.78 | Guinea | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.56 | 0.43 | 0.73 | Guinea | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.66 | 0.50 | 0.84 |
| Guinea | Both | 50-54 years | 1.10 | 0.84 | 1.41 | Guinea | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.01 | 0.77 | 1.30 | Guinea | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.19 | 0.89 | 1.52 |
| Guinea | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.77 | 1.39 | 2.17 | Guinea | Male | $\begin{aligned} & \text { 55-59 } \\ & \text { years } \end{aligned}$ | 1.62 | 1.27 | 1.99 | Guinea | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.93 | 1.51 | 2.38 |
| Guinea | Both | 60-64 years | 2.60 | 2.04 | 3.23 | Guinea | Male | $\overline{60-64}$ years | 2.37 | 1.86 | 2.94 | Guinea | Female | 60-64 years | 2.86 | 2.24 | 3.54 |
| Guinea | Both | $65-69$ years | 3.88 | 3.10 | 4.76 | Guinea | Male | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.50 | 2.80 | 4.31 | Guinea | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.32 | 3.42 | 5.36 |
| Guinea | Both | 70-74 years | 5.55 | 4.29 | 6.94 | Guinea | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.95 | 3.80 | 6.20 | Guinea | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.21 | 4.77 | 7.89 |
| Guinea | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.35 | 5.88 | 8.91 | Guinea | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.53 | 5.23 | 7.91 | Guinea | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.22 | 6.53 | 10.04 |
| Guinea | Both | All ages | 0.35 | 0.30 | 0.40 | Guinea | Male | All ages | 0.33 | 0.28 | 0.38 | Guinea | Female | All ages | 0.37 | 0.31 | 0.42 |
| Guinea | Both | 80-84 | 9.17 | 7.41 | 11.31 | Guinea | Male | 80-84 | 8.14 | 6.55 | 10.07 | Guinea | Female | 80-84 | 10.18 | 8.14 | 12.62 |


| Guinea | Both | 85-89 | 10.89 | 8.91 | 13.12 | Guinea | Male | 85-89 | 9.59 | 7.79 | 11.60 | Guinea | Female | 85-89 | 11.84 | 9.66 | 14.29 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Guinea | Both | 90-94 | 12.35 | 10.21 | 14.84 | Guinea | Male | 90-94 | 10.90 | 8.90 | 13.17 | Guinea | Female | 90-94 | 13.20 | 10.85 | 15.83 |
| GuineaBissau | Both | $40-44$ years | 0.30 | 0.22 | 0.40 | GuineaBissau | Male | 80-84 | 8.78 | 7.00 | 10.84 | GuineaBissau | Female | 80-84 | 11.00 | 8.90 | 13.50 |
| Guinea- <br> Bissau | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.66 | 0.51 | 0.84 | GuineaBissau | Male | 85-89 | 10.28 | 8.29 | 12.47 | Guinea- <br> Bissau | Female | 85-89 | 12.69 | 10.42 | 15.39 |
| Guinea- <br> Bissau | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.19 | 0.90 | 1.53 | GuineaBissau | Male | 90-94 | 11.60 | 9.45 | 14.10 | Guinea- <br> Bissau | Female | 90-94 | 14.00 | 11.53 | 16.85 |
| Guinea- <br> Bissau | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.92 | 1.51 | 2.35 | GuineaBissau | Male | $40-44$ years | 0.28 | 0.20 | 0.37 | GuineaBissau | Female | $40-44$ years | 0.32 | 0.23 | 0.44 |
| Guinea- <br> Bissau | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.84 | 2.23 | 3.60 | Guinea Bissau | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.60 | 0.46 | 0.77 | GuineaBissau | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.70 | 0.54 | 0.91 |
| Guinea- <br> Bissau | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.26 | 3.42 | 5.26 | $\begin{aligned} & \text { Guinea- } \\ & \text { Bissau } \end{aligned}$ | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.09 | 0.82 | 1.40 | Guinea- | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.28 | 0.96 | 1.65 |
| GuineaBissau | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.14 | 4.75 | 7.66 | GuineaBissau | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.74 | 1.36 | 2.14 | GuineaBissau | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.08 | 1.62 | 2.58 |
| GuineaBissau | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 8.16 | 6.55 | 9.94 | Guinea- Bissau | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.55 | 2.01 | 3.20 | GuineaBissau | Female | 60-64 years | 3.10 | 2.40 | 3.98 |
| GuineaBissau | Both | All ages | 0.31 | 0.27 | 0.36 | GuineaBissau | Male | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 3.79 | 3.01 | 4.66 | GuineaBissau | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.69 | 3.74 | 5.80 |
| GuineaBissau | Both | 80-84 | 10.18 | 8.26 | 12.36 | $\begin{aligned} & \text { Guinea- } \\ & \text { Bissau } \end{aligned}$ | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.38 | 4.13 | 6.76 | Guinea- <br> Bissau | Female | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 6.75 | 5.25 | 8.52 |
| GuineaBissau | Both | 85-89 | 11.88 | 9.68 | 14.40 | GuineaBissau | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 7.08 | 5.64 | 8.74 | GuineaBissau | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.91 | 7.18 | 10.91 |
| GuineaBissau | Both | 90-94 | 13.29 | 10.94 | 16.02 | GuineaBissau | Male | All ages | 0.26 | 0.22 | 0.30 | GuineaBissau | Female | All ages | 0.36 | 0.31 | 0.42 |
| Guyana | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.32 | 0.23 | 0.44 | Guyana | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.27 | 0.20 | 0.37 | Guyana | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.37 | 0.27 | 0.51 |
| Guyana | Both | $\begin{aligned} & \text { 45-49 } \\ & \text { years } \end{aligned}$ | 0.68 | 0.51 | 0.86 | Guyana | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.57 | 0.43 | 0.74 | Guyana | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.78 | 0.60 | 1.00 |
| Guyana | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.19 | 0.91 | 1.52 | Guyana | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 0.99 | 0.75 | 1.29 | Guyana | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.38 | 1.04 | 1.77 |
| Guyana | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.90 | 1.48 | 2.33 | Guyana | Male | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.58 | 1.23 | 1.95 | Guyana | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.20 | 1.70 | 2.72 |
| Guyana | Both | 60-64 years | 2.84 | 2.21 | 3.55 | Guyana | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.36 | 1.84 | 2.95 | Guyana | Female | 60-64 years | 3.27 | 2.53 | 4.13 |
| Guyana | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.43 | 3.56 | 5.44 | Guyana | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 3.66 | 2.95 | 4.49 | Guyana | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.12 | 4.07 | 6.30 |
| Guyana | Both | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.58 | 5.08 | 8.37 | Guyana | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.40 | 4.18 | 6.84 | Guyana | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.59 | 5.76 | 9.73 |
| Guyana | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.81 | 7.08 | 10.79 | Guyana | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.22 | 5.81 | 8.82 | Guyana | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 10.07 | 8.00 | 12.45 |
| Guyana | Both | All ages | 0.75 | 0.64 | 0.87 | Guyana | Male | All ages | 0.58 | 0.50 | 0.67 | Guyana | Female | All ages | 0.91 | 0.78 | 1.06 |
| Guyana | Both | 80-84 | 10.96 | 8.95 | 13.51 | Guyana | Male | 80-84 | 8.98 | 7.24 | 11.11 | Guyana | Female | 80-84 | 12.37 | 10.07 | 15.22 |


| Guyana | Both | 85-89 | 12.72 | 10.40 | 15.33 | Guyana | Male | 85-89 | 10.47 | 8.52 | 12.78 | Guyana | Female | 85-89 | 14.10 | 11.50 | 17.03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Guyana | Both | 90-94 | 14.04 | 11.50 | 16.77 | Guyana | Male | 90-94 | 11.75 | 9.60 | 14.21 | Guyana | Female | 90-94 | 15.33 | 12.62 | 18.36 |
| Haiti | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 7.90 | 6.30 | 9.69 | Haiti | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.26 | 0.18 | 0.35 | Haiti | Female | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.34 | 0.25 | 0.46 |
| Haiti | Both | All ages | 0.45 | 0.39 | 0.52 | Haiti | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.53 | 0.40 | 0.67 | Haiti | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.72 | 0.55 | 0.91 |
| Haiti | Both | 80-84 | 9.73 | 7.84 | 12.02 | Haiti | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.92 | 0.69 | 1.17 | Haiti | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.26 | 0.95 | 1.59 |
| Haiti | Both | 85-89 | 11.10 | 9.09 | 13.42 | Haiti | Male | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.45 | 1.13 | 1.77 | Haiti | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.99 | 1.55 | 2.46 |
| Haiti | Both | 90-94 | 12.22 | 10.10 | 14.63 | Haiti | Male | 60-64 years | 2.15 | 1.68 | 2.68 | Haiti | Female | $60-64$ years | 2.96 | 2.31 | 3.68 |
| Haiti | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.30 | 0.22 | 0.41 | Haiti | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.34 | 2.69 | 4.10 | Haiti | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.64 | 3.67 | 5.74 |
| Haiti | Both | $\begin{aligned} & \hline 45-49 \\ & \text { yeare } \end{aligned}$ | 0.63 | 0.49 | 0.79 | Haiti | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.93 | 3.81 | 6.26 | Haiti | Female | $70-74$ years | 6.86 | 5.22 | 8.83 |
| Haiti | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.09 | 0.83 | 1.38 | Haiti | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.56 | 5.19 | 8.14 | Haiti | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.09 | 7.20 | 11.15 |
| Haiti | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.73 | 1.35 | 2.12 | Haiti | Male | All ages | 0.37 | 0.31 | 0.42 | Haiti | Female | All ages | 0.53 | 0.45 | 0.61 |
| Haiti | Both | $60-64$ years | 2.58 | 2.03 | 3.22 | Haiti | Male | 80-84 | 8.12 | 6.52 | 10.06 | Haiti | Female | 80-84 | 11.13 | 8.89 | 13.73 |
| Haiti | Both | 65-69 years | 4.03 | 3.19 | 4.95 | Haiti | Male | 85-89 | 9.43 | 7.69 | 11.50 | Haiti | Female | 85-89 | 12.65 | 10.26 | 15.29 |
| Haiti | Both | $70-74$ years | 5.95 | 4.56 | 7.58 | Haiti | Male | 90-94 | 10.55 | 8.66 | 12.74 | Haiti | Female | 90-94 | 13.72 | 11.25 | 16.58 |
| Honduras | Both | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.33 | 0.24 | 0.45 | Honduras | Male | $40-44$ years | 0.28 | 0.20 | 0.38 | Honduras | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.38 | 0.27 | 0.52 |
| Honduras | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.69 | 0.52 | 0.88 | Honduras | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.57 | 0.43 | 0.73 | Honduras | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.79 | 0.60 | 1.00 |
| Honduras | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.20 | 0.91 | 1.54 | Honduras | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.00 | 0.75 | 1.29 | Honduras | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.39 | 1.05 | 1.80 |
| Honduras | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.93 | 1.50 | 2.35 | Honduras | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.60 | 1.23 | 1.95 | Honduras | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.23 | 1.74 | 2.74 |
| Honduras | Both | 60-64 years | 2.94 | 2.29 | 3.69 | Honduras | Male | 60-64 years | 2.43 | 1.89 | 3.06 | Honduras | Female | 60-64 years | 3.40 | 2.67 | 4.25 |
| Honduras | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.76 | 3.79 | 5.81 | Honduras | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.94 | 3.12 | 4.85 | Honduras | Female | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.48 | 4.39 | 6.73 |
| Honduras | Both | $70-74$ years | 7.19 | 5.48 | 8.96 | Honduras | Male | 70-74 years | 5.95 | 4.60 | 7.47 | Honduras | Female | $70-74$ years | 8.27 | 6.29 | 10.43 |
| Honduras | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 9.56 | 7.69 | 11.70 | Honduras | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 7.93 | 6.40 | 9.80 | Honduras | Female | $\begin{aligned} & \begin{array}{l} 75-79 \\ \text { years } \end{array} \end{aligned}$ | 10.99 | 8.80 | 13.44 |
| Honduras | Both | All ages | 0.62 | 0.53 | 0.71 | Honduras | Male | All ages | 0.51 | 0.43 | 0.58 | Honduras | Female | All ages | 0.72 | 0.62 | 0.84 |
| Honduras | Both | 80-84 | 11.68 | 9.55 | 14.37 | Honduras | Male | 80-84 | 9.72 | 7.94 | 11.92 | Honduras | Female | 80-84 | 13.38 | 10.87 | 16.43 |


| Honduras | Both | 85-89 | 13.17 | 10.79 | 15.90 | Honduras | Male | 85-89 | 11.11 | 9.13 | 13.48 | Honduras | Female | 85-89 | 14.99 | 12.21 | 18.24 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Honduras | Both | 90-94 | 14.13 | 11.72 | 17.06 | Honduras | Male | 90-94 | 12.19 | 10.09 | 14.74 | Honduras | Female | 90-94 | 15.95 | 13.06 | 19.21 |
| Hungary | Both | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.49 | 0.36 | 0.66 | Hungary | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.46 | 0.33 | 0.61 | Hungary | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.53 | 0.39 | 0.71 |
| Hungary | Both | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.05 | 0.81 | 1.32 | Hungary | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.95 | 0.73 | 1.20 | Hungary | Female | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.15 | 0.89 | 1.46 |
| Hungary | Both | $50-54$ years | 1.86 | 1.42 | 2.37 | Hungary | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.66 | 1.28 | 2.12 | Hungary | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.05 | 1.56 | 2.67 |
| Hungary | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.95 | 2.30 | 3.59 | Hungary | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.61 | 2.05 | 3.20 | Hungary | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.26 | 2.52 | 4.05 |
| Hungary | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.36 | 3.40 | 5.39 | Hungary | Male | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 3.81 | 2.98 | 4.72 | Hungary | Female | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 4.82 | 3.72 | 6.01 |
| Hungary | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 6.60 | 5.34 | 8.11 | Hungary | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.67 | 4.60 | 7.00 | Hungary | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 7.30 | 5.88 | 8.96 |
| Hungary | Both | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.50 | 7.27 | 11.87 | Hungary | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.06 | 6.20 | 10.13 | Hungary | Female | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.47 | 8.02 | 13.26 |
| Hungary | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 12.47 | 9.81 | 15.31 | Hungary | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 10.56 | 8.33 | 12.96 | Hungary | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 13.56 | 10.66 | 16.74 |
| Hungary | Both | All ages | 3.01 | 2.58 | 3.46 | Hungary | Male | All ages | 2.16 | 1.86 | 2.48 | Hungary | Female | All ages | 3.76 | 3.19 | 4.36 |
| Hungary | Both | 80-84 | 15.29 | 12.42 | 18.64 | Hungary | Male | 80-84 | 13.00 | 10.44 | 15.93 | Hungary | Female | 80-84 | 16.34 | 13.24 | 19.87 |
| Hungary | Both | 85-89 | 17.48 | 14.42 | 21.14 | Hungary | Male | 85-89 | 15.07 | 12.39 | 18.25 | Hungary | Female | 85-89 | 18.44 | 15.10 | 22.40 |
| Hungary | Both | 90-94 | 19.13 | 15.97 | 22.64 | Hungary | Male | 90-94 | 16.82 | 13.89 | 20.13 | Hungary | Female | 90-94 | 19.91 | 16.67 | 23.53 |
| Iceland | Both | 40-44 years | 0.98 | 0.73 | 1.29 | Iceland | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.54 | 0.39 | 0.72 | Iceland | Female | 40-44 years | 1.43 | 1.06 | 1.89 |
| Iceland | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.71 | 1.34 | 2.13 | Iceland | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.11 | 0.86 | 1.41 | Iceland | Female | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.32 | 1.81 | 2.91 |
| Iceland | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.60 | 2.02 | 3.23 | Iceland | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.98 | 1.51 | 2.53 | Iceland | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.20 | 2.47 | 4.02 |
| Iceland | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.82 | 3.05 | 4.64 | Iceland | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.33 | 2.61 | 4.08 | Iceland | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.31 | 3.44 | 5.24 |
| Iceland | Both | 60-64 years | 5.56 | 4.46 | 6.82 | Iceland | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.16 | 4.06 | 6.49 | Iceland | Female | 60-64 years | 5.97 | 4.76 | 7.25 |
| Iceland | Both | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 8.58 | 7.01 | 10.39 | Iceland | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 7.84 | 6.33 | 9.60 | Iceland | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 9.33 | 7.60 | 11.25 |
| Iceland | Both | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 12.48 | 9.70 | 15.62 | Iceland | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.07 | 8.52 | 13.70 | Iceland | Female | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 13.88 | 10.70 | 17.48 |
| Iceland | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 16.31 | 13.03 | 19.85 | Iceland | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 14.06 | 11.14 | 17.15 | Iceland | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 18.29 | 14.63 | 22.16 |
| Iceland | Both | All ages | 3.25 | 2.82 | 3.69 | Iceland | Male | All ages | 2.63 | 2.25 | 3.02 | Iceland | Female | All ages | 3.85 | 3.34 | 4.37 |
| Iceland | Both | 80-84 | 19.72 | 16.01 | 23.65 | Iceland | Male | 80-84 | 16.64 | 13.47 | 20.05 | Iceland | Female | 80-84 | 22.25 | 18.10 | 26.85 |


| Iceland | Both | 85-89 | 22.46 | 18.73 | 26.74 | Iceland | Male | 85-89 | 18.54 | 15.26 | 22.18 | Iceland | Female | 85-89 | 25.20 | 20.89 | 30.06 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Iceland | Both | 90-94 | 24.59 | 20.71 | 28.88 | Iceland | Male | 90-94 | 19.74 | 16.50 | 23.24 | Iceland | Female | 90-94 | 27.08 | 22.77 | 31.86 |
| India | Both | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.30 | 0.22 | 0.40 | India | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.26 | 2.64 | 4.00 | India | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.36 | 0.26 | 0.47 |
| India | Both | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.67 | 0.52 | 0.85 | India | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 4.57 | 3.54 | 5.69 | India | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.80 | 0.62 | 1.01 |
| India | Both | $50-54$ years | 1.22 | 0.93 | 1.57 | India | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 6.01 | 4.83 | 7.29 | India | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.48 | 1.13 | 1.92 |
| India | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.96 | 1.54 | 2.38 | India | Male | All ages | 0.53 | 0.46 | 0.61 | India | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.38 | 1.87 | 2.89 |
| India | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.87 | 2.26 | 3.54 | India | Male | 80-84 | 7.49 | 6.11 | 9.22 | India | Female | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 3.48 | 2.74 | 4.31 |
| India | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.23 | 3.42 | 5.17 | India | Male | 85-89 | 8.94 | 7.35 | 10.72 | India | Female | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 5.15 | 4.18 | 6.30 |
| India | Both | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.96 | 4.62 | 7.42 | India | Male | 90-94 | 10.39 | 8.55 | 12.49 | India | Female | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 7.28 | 5.65 | 9.05 |
| India | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 7.87 | 6.33 | 9.56 | India | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.25 | 0.18 | 0.33 | India | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 9.50 | 7.59 | 11.58 |
| India | Both | All ages | 0.72 | 0.62 | 0.83 | India | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.54 | 0.42 | 0.68 | India | Female | All ages | 0.92 | 0.79 | 1.05 |
| India | Both | 80-84 | 9.84 | 8.05 | 12.06 | India | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 0.97 | 0.74 | 1.24 | India | Female | 80-84 | 11.64 | 9.52 | 14.18 |
| India | Both | 85-89 | 11.47 | 9.49 | 13.74 | India | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.54 | 1.21 | 1.86 | India | Female | 85-89 | 13.40 | 11.08 | 16.01 |
| India | Both | 90-94 | 12.88 | 10.66 | 15.34 | India | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.23 | 1.76 | 2.75 | India | Female | 90-94 | 14.81 | 12.28 | 17.61 |
| Indonesia | Both | 85-89 | 18.14 | 15.04 | 21.63 | Indonesia | Male | 85-89 | 11.54 | 9.59 | 13.78 | Indonesia | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.70 | 0.52 | 0.91 |
| Indonesia | Both | 90-94 | 19.40 | 16.30 | 22.76 | Indonesia | Male | 90-94 | 12.70 | 10.53 | 15.06 | Indonesia | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.66 | 1.29 | 2.09 |
| Indonesia | Both | $40-44$ years | 0.56 | 0.41 | 0.72 | Indonesia | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.42 | 0.31 | 0.55 | Indonesia | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.13 | 2.36 | 4.05 |
| Indonesia | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.29 | 1.01 | 1.62 | Indonesia | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.93 | 0.72 | 1.17 | Indonesia | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 4.95 | 3.86 | 6.05 |
| Indonesia | Both | 50-54 years | 2.41 | 1.83 | 3.10 | Indonesia | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.69 | 1.30 | 2.16 | Indonesia | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.09 | 5.56 | 8.68 |
| Indonesia | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.80 | 2.97 | 4.62 | Indonesia | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.64 | 2.09 | 3.20 | Indonesia | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 10.17 | 8.21 | 12.35 |
| Indonesia | Both | 60-64 years | 5.42 | 4.26 | 6.64 | Indonesia | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 3.73 | 2.96 | 4.57 | Indonesia | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 13.92 | 10.87 | 17.24 |
| Indonesia | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 7.73 | 6.29 | 9.41 | Indonesia | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.18 | 4.24 | 6.30 | Indonesia | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 17.43 | 14.04 | 21.05 |
| Indonesia | Both | $70-74$ years | 10.70 | 8.39 | 13.23 | Indonesia | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.90 | 5.41 | 8.56 | Indonesia | Female | All ages | 1.81 | 1.55 | 2.07 |
| Indonesia | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 13.66 | 11.01 | 16.47 | Indonesia | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.61 | 6.93 | 10.39 | Indonesia | Female | 80-84 | 20.42 | 16.90 | 24.67 |


| Indonesia | Both | All ages | 1.33 | 1.14 | 1.52 | Indonesia | Male | All ages | 0.85 | 0.73 | 0.98 | Indonesia | Female | 85-89 | 22.36 | 18.51 | 26.77 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Indonesia | Both | 80-84 | 16.27 | 13.49 | 19.67 | Indonesia | Male | 80-84 | 10.20 | 8.37 | 12.38 | Indonesia | Female | 90-94 | 23.42 | 19.65 | 27.61 |
| Iran (Islamic Republic of) | Both | All ages | 0.97 | 0.84 | 1.11 |  | Male | 40-44 years | 0.30 | 0.22 | 0.40 |  | Female | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.44 | 0.32 | 0.58 |
| Iran (Islamic Republic of) | Both | 80-84 | 11.83 | 9.69 | 14.40 |  | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.66 | 0.51 | 0.82 |  | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.99 | 0.76 | 1.24 |
|  | Both | 85-89 | 13.52 | 11.16 | 16.18 |  | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.19 | 0.91 | 1.51 |  | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.84 | 1.39 | 2.35 |
| Iran (Islamic Republic of) | Both | 90-94 | 14.96 | 12.44 | 17.82 | Iran (Islamic Republic of) | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.91 | 1.51 | 2.32 | Iran (Islamic Republic of) | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.99 | 2.33 | 3.66 |
| Iran <br> (Islamic <br> Republic <br> of) | Both | 40-44 years | 0.37 | 0.27 | 0.49 | Iran (Islamic Republic of) | Male | 60-64 years | 2.80 | 2.22 | 3.43 |  | Female | 60-64 years | 4.45 | 3.50 | 5.45 |
|  | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.82 | 0.63 | 1.03 |  | Male | 65-69 years | 4.11 | 3.33 | 5.00 |  | Female | 65-69 years | 6.61 | 5.35 | 8.03 |
|  | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.51 | 1.16 | 1.93 |  | Male | 70-74 years | 5.77 | 4.51 | 7.21 |  | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 9.30 | 7.18 | 11.57 |
| Iran <br> (Islamic Republic of) | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.45 | 1.92 | 2.98 | Iran <br> (Islamic <br> Republic <br> of) | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 7.54 | 6.07 | 9.19 | Iran <br> (Islamic <br> Republic <br> of) | Female | $75-79$ years | 11.98 | 9.60 | 14.62 |
|  | Both | 60-64 years | 3.63 | 2.88 | 4.44 |  | Male | All ages | 0.76 | 0.66 | 0.86 |  | Female | All ages | 1.19 | 1.03 | 1.36 |
| Iran (Islamic Republic of) | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.40 | 4.37 | 6.57 |  | Male | 80-84 | 9.32 | 7.58 | 11.39 |  | Female | 80-84 | 14.46 | 11.87 | 17.50 |
|  | Both | 70-74 years | 7.61 | 5.90 | 9.50 |  | Male | 85-89 | 10.97 | 9.01 | 13.12 |  | Female | 85-89 | 16.38 | 13.54 | 19.60 |
|  | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 9.78 | 7.84 | 11.93 |  | Male | 90-94 | 12.54 | 10.34 | 14.91 |  | Female | 90-94 | 17.86 | 14.87 | 21.20 |


| Iraq | Both | 40-44 years | 0.43 | 0.32 | 0.58 | Iraq | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.38 | 0.28 | 0.53 | Iraq | Female | 40-44 years | 0.49 | 0.36 | 0.66 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Iraq | Both | $\begin{aligned} & \text { 45-49 } \\ & \text { years } \end{aligned}$ | 0.93 | 0.72 | 1.18 | Iraq | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.81 | 0.62 | 1.03 | Iraq | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.05 | 0.81 | 1.33 |
| Iraq | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.65 | 1.25 | 2.10 | Iraq | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.43 | 1.08 | 1.86 | Iraq | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.87 | 1.42 | 2.40 |
| Iraq | Both | $\begin{array}{r} 55-59 \\ \text { years } \\ \hline \end{array}$ | 2.60 | 2.03 | 3.20 | Iraq | Male | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.26 | 1.75 | 2.81 | Iraq | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.95 | 2.30 | 3.61 |
| Iraq | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.80 | 2.99 | 4.72 | Iraq | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.29 | 2.57 | 4.11 | Iraq | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.31 | 3.36 | 5.35 |
| Iraq | Both | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.71 | 4.58 | 6.98 | Iraq | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.89 | 3.91 | 6.01 | Iraq | Female | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.50 | 5.15 | 7.96 |
| Iraq | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.17 | 6.24 | 10.32 | Iraq | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.96 | 5.33 | 8.78 | Iraq | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.31 | 7.08 | 11.85 |
| Iraq | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 10.68 | 8.45 | 13.11 | Iraq | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 9.10 | 7.19 | 11.21 | Iraq | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 12.09 | 9.60 | 14.90 |
| Iraq | Both | All ages | 0.65 | 0.56 | 0.74 | Iraq | Male | All ages | 0.54 | 0.46 | 0.62 | Iraq | Female | All ages | 0.76 | 0.65 | 0.87 |
| Iraq | Both | 80-84 | 13.09 | 10.62 | 15.95 | Iraq | Male | 80-84 | 11.19 | 8.92 | 13.81 | Iraq | Female | 80-84 | 14.63 | 11.83 | 17.87 |
| Iraq | Both | 85-89 | 15.04 | 12.35 | 18.06 | Iraq | Male | 85-89 | 12.96 | 10.51 | 15.64 | Iraq | Female | 85-89 | 16.57 | 13.58 | 19.95 |
| Iraq | Both | 90-94 | 16.58 | 13.81 | 19.89 | Iraq | Male | 90-94 | 14.47 | 11.86 | 17.34 | Iraq | Female | 90-94 | 17.96 | 14.87 | 21.65 |
| Ireland | Both | 40-44 years | 1.14 | 0.86 | 1.47 | Ireland | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.60 | 0.44 | 0.80 | Ireland | Female | $40-44$ years | 1.65 | 1.23 | 2.16 |
| Ireland | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.96 | 1.55 | 2.40 | Ireland | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.25 | 0.97 | 1.58 | Ireland | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 2.64 | 2.06 | 3.26 |
| Ireland | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.92 | 2.28 | 3.64 | Ireland | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 2.24 | 1.70 | 2.84 | Ireland | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.58 | 2.80 | 4.49 |
| Ireland | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.25 | 3.35 | 5.15 | Ireland | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.73 | 2.91 | 4.63 | Ireland | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 4.76 | 3.74 | 5.82 |
| Ireland | Both | $60-64$ years | 6.15 | 4.88 | 7.62 | Ireland | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.74 | 4.48 | 7.22 | Ireland | Female | 60-64 years | 6.55 | 5.20 | 8.02 |
| Ireland | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.55 | 7.83 | 11.60 | Ireland | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 8.75 | 7.10 | 10.73 | Ireland | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.34 | 8.43 | 12.55 |
| Ireland | Both | 70-74 years | 13.99 | 10.86 | 17.46 | Ireland | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 12.42 | 9.55 | 15.71 | Ireland | Female | 70-74 years | 15.52 | 11.98 | 19.38 |
| Ireland | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 18.26 | 14.64 | 22.38 | Ireland | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 15.83 | 12.51 | 19.67 | Ireland | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 20.46 | 16.48 | 24.76 |
| Ireland | Both | All ages | 3.47 | 2.99 | 3.94 | Ireland | Male | All ages | 2.86 | 2.46 | 3.31 | Ireland | Female | All ages | 4.03 | 3.48 | 4.57 |
| Ireland | Both | 80-84 | 22.17 | 18.12 | 26.51 | Ireland | Male | 80-84 | 18.80 | 15.17 | 22.74 | Ireland | Female | 80-84 | 24.84 | 20.17 | 29.44 |
| Ireland | Both | 85-89 | 25.24 | 21.00 | 29.88 | Ireland | Male | 85-89 | 20.96 | 17.25 | 25.24 | Ireland | Female | 85-89 | 28.05 | 23.44 | 33.14 |
| Ireland | Both | 90-94 | 27.58 | 23.25 | 32.33 | Ireland | Male | 90-94 | 22.29 | 18.58 | 26.44 | Ireland | Female | 90-94 | 30.04 | 25.39 | 35.19 |


| Israel | Both | 40-44 years | 1.08 | 0.82 | 1.41 | Israel | Male | 80-84 | 17.99 | 14.69 | 21.81 | Israel | Female | $40-44$ years | 1.58 | 1.19 | 2.05 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Israel | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.88 | 1.48 | 2.31 | Israel | Male | 85-89 | 19.86 | 16.37 | 23.80 | Israel | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.54 | 2.01 | 3.18 |
| Israel | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.82 | 2.20 | 3.54 | Israel | Male | 90-94 | 20.90 | 17.39 | 24.81 | Israel | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 3.47 | 2.69 | 4.36 |
| Israel | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.13 | 3.30 | 5.00 | Israel | Male | 40-44 years | 0.57 | 0.42 | 0.77 | Israel | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.63 | 3.70 | 5.66 |
| Israel | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.01 | 4.84 | 7.31 | Israel | Male | $\begin{aligned} & \text { 45-49 } \\ & \text { years } \end{aligned}$ | 1.20 | 0.93 | 1.50 | Israel | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.40 | 5.14 | 7.70 |
| Israel | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 9.33 | 7.53 | 11.18 | Israel | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.15 | 1.65 | 2.74 | Israel | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 10.07 | 8.15 | 12.14 |
| Israel | Both | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 13.64 | 10.56 | 17.04 | Israel | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.61 | 2.83 | 4.46 | Israel | Female | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 15.02 | 11.61 | 18.90 |
| Israel | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 17.70 | 14.14 | 21.61 | Israel | Male | 60-64 years | 5.57 | 4.43 | 6.86 | Israel | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 19.70 | 15.67 | 24.05 |
| Israel | Both | All ages | 2.75 | 2.39 | 3.12 | Israel | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.50 | 6.83 | 10.22 | Israel | Female | All ages | 3.30 | 2.86 | 3.77 |
| Israel | Both | 80-84 | 21.33 | 17.57 | 25.73 | Israel | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 12.04 | 9.30 | 15.04 | Israel | Female | 80-84 | 23.79 | 19.33 | 28.67 |
| Israel | Both | 85-89 | 24.00 | 19.98 | 28.58 | Israel | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 15.27 | 12.18 | 18.65 | Israel | Female | 85-89 | 26.73 | 22.06 | 31.89 |
| Israel | Both | 90-94 | 25.71 | 21.60 | 30.38 | Israel | Male | All ages | 2.17 | 1.86 | 2.49 | Israel | Female | 90-94 | 28.50 | 24.01 | 33.76 |
| Italy | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.71 | 1.37 | 2.11 | Italy | Male | $40-44$ years | 0.45 | 0.33 | 0.58 | Italy | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 1.41 | 1.07 | 1.83 |
| Italy | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.69 | 2.09 | 3.39 | Italy | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.98 | 0.76 | 1.24 | Italy | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.42 | 1.93 | 2.98 |
| Italy | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.02 | 3.18 | 4.83 | Italy | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.81 | 1.39 | 2.29 | Italy | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.54 | 2.76 | 4.44 |
| Italy | Both | 60-64 years | 5.82 | 4.69 | 7.06 | Italy | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.05 | 2.40 | 3.67 | Italy | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.93 | 3.90 | 5.95 |
| Italy | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.87 | 7.23 | 10.67 | Italy | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.68 | 3.70 | 5.75 | Italy | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.87 | 5.48 | 8.33 |
| Italy | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 12.83 | 10.09 | 15.75 | Italy | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.03 | 5.71 | 8.49 | Italy | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 10.55 | 8.66 | 12.63 |
| Italy | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 16.78 | 13.54 | 20.30 | Italy | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.87 | 7.68 | 12.17 | Italy | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 15.43 | 12.16 | 19.02 |
| Italy | Both | All ages | 4.83 | 4.18 | 5.48 | Italy | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 12.57 | 10.09 | 15.23 | Italy | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 20.15 | 16.27 | 24.37 |
| Italy | Both | 80-84 | 20.46 | 16.99 | 24.46 | Italy | Male | All ages | 3.24 | 2.77 | 3.70 | Italy | Female | All ages | 6.29 | 5.45 | 7.11 |
| Italy | Both | 85-89 | 23.47 | 19.61 | 27.90 | Italy | Male | 80-84 | 14.97 | 12.26 | 18.06 | Italy | Female | 80-84 | 24.33 | 20.23 | 29.02 |
| Italy | Both | 90-94 | 25.80 | 21.73 | 30.14 | Italy | Male | 85-89 | 16.74 | 13.82 | 20.07 | Italy | Female | 85-89 | 27.23 | 22.84 | 32.26 |
| Italy | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.94 | 0.71 | 1.21 | Italy | Male | 90-94 | 17.94 | 15.00 | 21.21 | Italy | Female | 90-94 | 28.96 | 24.46 | 33.83 |


| Jamaica | Both | 40-44 years | 0.35 | 0.25 | 0.47 | Jamaica | Male | 40-44 years | 0.29 | 0.21 | 0.39 | Jamaica | Female | $40-44$ years | 0.39 | 0.28 | 0.54 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Jamaica | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.73 | 0.56 | 0.92 | Jamaica | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.61 | 0.47 | 0.78 | Jamaica | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.84 | 0.64 | 1.07 |
| Jamaica | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.28 | 0.97 | 1.63 | Jamaica | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.08 | 0.81 | 1.36 | Jamaica | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.49 | 1.13 | 1.93 |
| Jamaica | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.07 | 1.62 | 2.55 | Jamaica | Male | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.74 | 1.36 | 2.12 | Jamaica | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.42 | 1.87 | 3.01 |
| Jamaica | Both | 60-64 years | 3.16 | 2.47 | 3.99 | Jamaica | Male | 60-64 years | 2.63 | 2.07 | 3.29 | Jamaica | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.67 | 2.84 | 4.65 |
| Jamaica | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.94 | 3.95 | 6.12 | Jamaica | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.11 | 3.27 | 5.12 | Jamaica | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.76 | 4.60 | 7.16 |
| Jamaica | Both | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.27 | 5.61 | 9.19 | Jamaica | Male | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.04 | 4.65 | 7.71 | Jamaica | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.49 | 6.55 | 10.69 |
| Jamaica | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 9.68 | 7.71 | 11.91 | Jamaica | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.00 | 6.29 | 9.94 | Jamaica | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 11.19 | 8.94 | 13.78 |
| Jamaica | Both | All ages | 1.19 | 1.03 | 1.35 | Jamaica | Male | All ages | 0.94 | 0.81 | 1.07 | Jamaica | Female | All ages | 1.43 | 1.24 | 1.63 |
| Jamaica | Both | 80-84 | 11.98 | 9.75 | 14.71 | Jamaica | Male | 80-84 | 9.83 | 7.98 | 12.22 | Jamaica | Female | 80-84 | 13.61 | 11.02 | 16.68 |
| Jamaica | Both | 85-89 | 13.76 | 11.28 | 16.65 | Jamaica | Male | 85-89 | 11.35 | 9.24 | 13.84 | Jamaica | Female | 85-89 | 15.34 | 12.59 | 18.62 |
| Jamaica | Both | 90-94 | 15.04 | 12.48 | 18.03 | Jamaica | Male | 90-94 | 12.60 | 10.39 | 15.26 | Jamaica | Female | 90-94 | 16.46 | 13.63 | 19.73 |
| Japan | Both | 85-89 | 17.52 | 14.60 | 20.91 | Japan | Male | $40-44$ years | 0.24 | 0.17 | 0.32 | Japan | Female | 85-89 | 22.29 | 18.57 | 26.56 |
| Japan | Both | 90-94 | 19.98 | 16.84 | 23.52 | Japan | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.51 | 0.40 | 0.65 | Japan | Female | 90-94 | 24.09 | 20.19 | 28.26 |
| Japan | Both | $40-44$ years | 0.59 | 0.43 | 0.79 | Japan | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 0.93 | 0.71 | 1.19 | Japan | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.94 | 0.69 | 1.25 |
| Japan | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.10 | 0.86 | 1.37 | Japan | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.56 | 1.24 | 1.89 | Japan | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.69 | 1.32 | 2.09 |
| Japan | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.76 | 1.37 | 2.22 | Japan | Male | 60-64 years | 2.37 | 1.88 | 2.93 | Japan | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.60 | 2.02 | 3.27 |
| Japan | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.66 | 2.09 | 3.23 | Japan | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.50 | 2.83 | 4.26 | Japan | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.76 | 2.95 | 4.55 |
| Japan | Both | 60-64 years | 3.89 | 3.10 | 4.76 | Japan | Male | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 4.86 | 3.79 | 6.03 | Japan | Female | 60-64 years | 5.37 | 4.26 | 6.57 |
| Japan | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.93 | 4.82 | 7.19 | Japan | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 6.26 | 5.05 | 7.60 | Japan | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 8.21 | 6.68 | 9.90 |
| Japan | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.61 | 6.71 | 10.66 | Japan | Male | All ages | 1.94 | 1.66 | 2.24 | Japan | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.99 | 9.36 | 14.85 |
| Japan | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 11.55 | 9.29 | 14.04 | Japan | Male | 80-84 | 7.65 | 6.20 | 9.37 | Japan | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 15.87 | 12.76 | 19.27 |
| Japan | Both | All ages | 3.97 | 3.42 | 4.54 | Japan | Male | 85-89 | 8.97 | 7.42 | 10.75 | Japan | Female | All ages | 5.85 | 5.04 | 6.69 |
| Japan | Both | 80-84 | 14.60 | 12.04 | 17.62 | Japan | Male | 90-94 | 10.23 | 8.47 | 12.23 | Japan | Female | 80-84 | 19.54 | 16.18 | 23.45 |


| Jordan | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.42 | 0.31 | 0.56 | Jordan | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.38 | 0.27 | 0.51 | Jordan | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.48 | 0.34 | 0.64 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Jordan | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.90 | 0.69 | 1.14 | Jordan | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.79 | 0.61 | 1.00 | Jordan | Female | $\begin{aligned} & \text { 45-49 } \\ & \text { vears } \end{aligned}$ | 1.02 | 0.79 | 1.31 |
| Jordan | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.60 | 1.21 | 2.06 | Jordan | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.40 | 1.06 | 1.79 | Jordan | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.83 | 1.38 | 2.38 |
| Jordan | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.53 | 1.97 | 3.10 | Jordan | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.22 | 1.73 | 2.74 | Jordan | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.89 | 2.23 | 3.56 |
| Jordan | Both | 60-64 years | 3.72 | 2.88 | 4.63 | Jordan | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 3.24 | 2.50 | 4.04 | Jordan | Female | 60-64 years | 4.25 | 3.30 | 5.30 |
| Jordan | Both | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 5.57 | 4.48 | 6.81 | Jordan | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.82 | 3.88 | 5.90 | Jordan | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 6.37 | 5.10 | 7.83 |
| Jordan | Both | $70-74$ years | 7.94 | 6.14 | 10.00 | Jordan | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.82 | 5.27 | 8.70 | Jordan | Female | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 9.06 | 6.95 | 11.47 |
| Jordan | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 10.27 | 8.23 | 12.50 | Jordan | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.89 | 7.12 | 10.95 | Jordan | Female | $\begin{aligned} & \begin{array}{l} 75-79 \\ \text { years } \end{array} \end{aligned}$ | 11.74 | 9.32 | 14.35 |
| Jordan | Both | All ages | 0.66 | 0.57 | 0.76 | Jordan | Male | All ages | 0.58 | 0.50 | 0.67 | Jordan | Female | All ages | 0.75 | 0.64 | 0.86 |
| Jordan | Both | 80-84 | 12.52 | 10.12 | 15.23 | Jordan | Male | 80-84 | 10.89 | 8.76 | 13.56 | Jordan | Female | 80-84 | 14.21 | 11.43 | 17.26 |
| Jordan | Both | 85-89 | 14.30 | 11.73 | 17.22 | Jordan | Male | 85-89 | 12.62 | 10.30 | 15.37 | Jordan | Female | 85-89 | 16.08 | 13.12 | 19.49 |
| Jordan | Both | 90-94 | 15.40 | 12.77 | 18.32 | Jordan | Male | 90-94 | 14.09 | 11.45 | 16.94 | Jordan | Female | 90-94 | 17.40 | 14.38 | 20.69 |
| Kazakhst an | Both | 40-44 years | 0.43 | 0.32 | 0.58 | Kazakhst an | Male | $\begin{array}{\|l\|} \hline 40-44 \\ \text { years } \\ \hline \end{array}$ | 0.38 | 0.28 | 0.52 | Kazakhst an | Female | 40-44 years | 0.48 | 0.35 | 0.64 |
| Kazakhst an | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.91 | 0.70 | 1.15 | Kazakhst an | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.79 | 0.61 | 0.99 | Kazakhst an | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.03 | 0.78 | 1.32 |
| Kazakhst an | Both | 50-54 years | 1.62 | 1.22 | 2.07 | Kazakhst an | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.36 | 1.04 | 1.75 | Kazakhst an | Female | 50-54 years | 1.84 | 1.38 | 2.38 |
| Kazakhst an | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.56 | 2.01 | 3.16 | Kazakhst an | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.14 | 1.67 | 2.63 | Kazakhst an | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.92 | 2.25 | 3.64 |
| Kazakhst an | Both | 60-64 years | 3.78 | 2.97 | 4.67 | Kazakhst an | Male | $\begin{array}{\|l\|} \hline 60-64 \\ \text { years } \end{array}$ | 3.11 | 2.47 | 3.84 | Kazakhst an | Female | 60-64 years | 4.30 | 3.37 | 5.38 |
| Kazakhst an | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.72 | 4.65 | 6.94 | Kazakhst an | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.61 | 3.71 | 5.56 | Kazakhst an | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.47 | 5.19 | 7.90 |
| Kazakhst an | Both | 70-74 years | 8.25 | 6.45 | 10.47 | Kazakhst an | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.54 | 5.10 | 8.15 | Kazakhst an | Female | 70-74 years | 9.26 | 7.24 | 11.79 |
| Kazakhst an | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 10.94 | 8.82 | 13.41 | Kazakhst an | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.59 | 6.84 | 10.48 | Kazakhst an | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 12.07 | 9.67 | 14.90 |
| Kazakhst an | Both | All ages | 1.16 | 1.00 | 1.33 | Kazakhst an | Male | All ages | 0.78 | 0.67 | 0.89 | Kazakhst an | Female | All ages | 1.50 | 1.30 | 1.73 |
| Kazakhst an | Both | 80-84 | 13.50 | 10.86 | 16.40 | Kazakhst an | Male | 80-84 | 10.62 | 8.48 | 13.11 | Kazakhst an | Female | 80-84 | 14.70 | 11.81 | 17.93 |
| Kazakhst an | Both | 85-89 | 15.69 | 12.89 | 18.92 | Kazakhst an | Male | 85-89 | 12.46 | 10.22 | 15.12 | Kazakhst an | Female | 85-89 | 16.79 | 13.74 | 20.22 |
| Kazakhst an | Both | 90-94 | 17.36 | 14.41 | 20.65 | Kazakhst an | Male | 90-94 | 14.16 | 11.67 | 16.93 | Kazakhst an | Female | 90-94 | 18.37 | 15.16 | 21.93 |


| Kenya | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.28 | 0.21 | 0.38 | Kenya | Male | 80-84 | 8.25 | 6.71 | 10.14 | Kenya | Female | 80-84 | 12.75 | 10.43 | 15.55 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Kenya | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.66 | 0.51 | 0.83 | Kenya | Male | 85-89 | 9.80 | 8.03 | 11.72 | Kenya | Female | 85-89 | 14.70 | 12.16 | 17.62 |
| Kenya | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.23 | 0.94 | 1.58 | Kenya | Male | 90-94 | 11.30 | 9.29 | 13.55 | Kenya | Female | 90-94 | 16.25 | 13.41 | 19.49 |
| Kenya | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.03 | 1.59 | 2.47 | Kenya | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.24 | 0.17 | 0.32 | Kenya | Female | $40-44$ years | 0.33 | 0.24 | 0.44 |
| Kenya | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.05 | 2.39 | 3.79 | Kenya | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.54 | 0.42 | 0.69 | Kenya | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.77 | 0.59 | 0.98 |
| Kenya | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.56 | 3.68 | 5.58 | Kenya | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.01 | 0.77 | 1.29 | Kenya | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.46 | 1.11 | 1.88 |
| Kenya | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.54 | 5.07 | 8.17 | Kenya | Male | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.64 | 1.28 | 2.00 | Kenya | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.42 | 1.89 | 2.94 |
| Kenya | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 8.74 | 7.03 | 10.66 | Kenya | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.43 | 1.92 | 3.02 | Kenya | Female | 60-64 years | 3.64 | 2.85 | 4.54 |
| Kenya | Both | All ages | 0.40 | 0.34 | 0.45 | Kenya | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.58 | 2.89 | 4.40 | Kenya | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.49 | 4.44 | 6.71 |
| Kenya | Both | 80-84 | 11.06 | 9.04 | 13.56 | Kenya | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.03 | 3.91 | 6.26 | Kenya | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.86 | 6.06 | 9.81 |
| Kenya | Both | 85-89 | 13.08 | 10.78 | 15.69 | Kenya | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 6.62 | 5.32 | 8.04 | Kenya | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 10.35 | 8.30 | 12.65 |
| Kenya | Both | 90-94 | 14.89 | 12.25 | 17.86 | Kenya | Male | All ages | 0.29 | 0.25 | 0.34 | Kenya | Female | All ages | 0.50 | 0.43 | 0.57 |
| Kiribati | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 4.64 | 3.60 | 5.72 | Kiribati | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.01 | 3.09 | 4.93 | Kiribati | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 5.23 | 4.07 | 6.44 |
| Kiribati | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.54 | 5.09 | 8.11 | Kiribati | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.58 | 4.27 | 6.94 | Kiribati | Female | 60-64 years | 7.36 | 5.70 | 9.18 |
| Kiribati | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.61 | 7.68 | 11.61 | Kiribati | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 7.83 | 6.21 | 9.53 | Kiribati | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 10.75 | 8.56 | 13.08 |
| Kiribati | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 13.41 | 10.43 | 16.76 | Kiribati | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 10.57 | 8.14 | 13.25 | Kiribati | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 15.00 | 11.60 | 18.83 |
| Kiribati | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 16.66 | 13.28 | 20.45 | Kiribati | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 13.06 | 10.33 | 16.05 | Kiribati | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 18.76 | 14.78 | 23.16 |
| Kiribati | Both | All ages | 1.06 | 0.91 | 1.22 | Kiribati | Male | All ages | 0.78 | 0.66 | 0.91 | Kiribati | Female | All ages | 1.33 | 1.13 | 1.52 |
| Kiribati | Both | 80-84 | 19.39 | 15.87 | 23.59 | Kiribati | Male | 80-84 | 15.10 | 12.27 | 18.37 | Kiribati | Female | 80-84 | 21.68 | 17.70 | 26.47 |
| Kiribati | Both | 85-89 | 21.00 | 17.35 | 25.43 | Kiribati | Male | 85-89 | 16.38 | 13.55 | 19.68 | Kiribati | Female | 85-89 | 23.24 | 19.25 | 28.16 |
| Kiribati | Both | 90-94 | 21.65 | 17.88 | 25.88 | Kiribati | Male | 90-94 | 17.05 | 13.99 | 20.44 | Kiribati | Female | 90-94 | 23.66 | 19.63 | 28.35 |
| Kiribati | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.76 | 0.56 | 1.01 | Kiribati | Male | $\begin{aligned} & 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.67 | 0.49 | 0.90 | Kiribati | Female | 40-44 years | 0.84 | 0.62 | 1.13 |
| Kiribati | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.69 | 1.29 | 2.15 | Kiribati | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.47 | 1.13 | 1.86 | Kiribati | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.89 | 1.44 | 2.39 |
| Kiribati | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 3.03 | 2.28 | 3.93 | Kiribati | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.62 | 1.97 | 3.39 | Kiribati | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 3.41 | 2.54 | 4.44 |


| Kuwait | Both | 80-84 | 11.79 | 9.68 | 14.43 | Kuwait | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.35 | 0.25 | 0.48 | Kuwait | Female | 80-84 | 13.87 | 11.30 | 16.85 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Kuwait | Both | 85-89 | 14.00 | 11.62 | 16.82 | Kuwait | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.74 | 0.57 | 0.94 | Kuwait | Female | 85-89 | 16.05 | 13.33 | 19.23 |
| Kuwait | Both | 90-94 | 15.77 | 13.11 | 18.76 | Kuwait | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.30 | 0.99 | 1.68 | Kuwait | Female | 90-94 | 17.85 | 14.89 | 21.33 |
| Kuwait | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.39 | 0.28 | 0.52 | Kuwait | Male | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.08 | 1.62 | 2.57 | Kuwait | Female | 40-44 years | 0.44 | 0.32 | 0.59 |
| Kuwait | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.83 | 0.64 | 1.05 | Kuwait | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.09 | 2.41 | 3.80 | Kuwait | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.94 | 0.72 | 1.19 |
| Kuwait | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.46 | 1.11 | 1.87 | Kuwait | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.59 | 3.70 | 5.62 | Kuwait | Female | 50-54 years | 1.68 | 1.27 | 2.16 |
| Kuwait | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.35 | 1.81 | 2.90 | Kuwait | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.51 | 5.09 | 8.15 | Kuwait | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.72 | 2.11 | 3.35 |
| Kuwait | Both | $60-64$ years | 3.48 | 2.73 | 4.28 | Kuwait | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.57 | 6.89 | 10.47 | Kuwait | Female | 60-64 years | 4.07 | 3.17 | 5.07 |
| Kuwait | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.24 | 4.22 | 6.41 | Kuwait | Male | All ages | 0.65 | 0.56 | 0.74 | Kuwait | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.11 | 4.86 | 7.48 |
| Kuwait | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.28 | 5.66 | 9.04 | Kuwait | Male | 80-84 | 10.63 | 8.66 | 13.26 | Kuwait | Female | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.67 | 6.67 | 10.82 |
| Kuwait | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 9.66 | 7.77 | 11.72 | Kuwait | Male | 85-89 | 12.55 | 10.31 | 15.31 | Kuwait | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 11.31 | 9.00 | 13.96 |
| Kuwait | Both | All ages | 0.65 | 0.56 | 0.74 | Kuwait | Male | 90-94 | 14.35 | 11.85 | 17.17 | Kuwait | Female | All ages | 0.66 | 0.56 | 0.75 |
| $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.40 | 0.29 | 0.53 | $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.72 | 0.56 | 0.91 | $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.93 | 0.72 | 1.19 |
| $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.83 | 0.65 | 1.05 | $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.23 | 0.93 | 1.57 | $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.66 | 1.25 | 2.14 |
| $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.46 | 1.10 | 1.87 | $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Male | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.91 | 1.50 | 2.34 | $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.62 | 2.03 | 3.23 |
| $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Both | $\begin{aligned} & \text { 55-59 } \\ & \text { years } \end{aligned}$ | 2.29 | 1.79 | 2.78 | $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 2.76 | 2.19 | 3.44 | $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Female | 60-64 years | 3.83 | 2.95 | 4.74 |
| $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.35 | 2.62 | 4.14 | $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.06 | 3.24 | 4.96 | $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Female | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 5.73 | 4.60 | 7.09 |
| $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.02 | 4.03 | 6.19 | $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.73 | 4.49 | 7.13 | $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Female | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.18 | 6.30 | 10.38 |
| $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.20 | 5.55 | 9.07 | $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.49 | 6.05 | 9.12 | $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.60 | 8.37 | 13.08 |
| $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.38 | 7.52 | 11.48 | $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Male | All ages | 0.54 | 0.46 | 0.62 | $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Female | All ages | 0.95 | 0.82 | 1.09 |
| $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Both | All ages | 0.75 | 0.65 | 0.86 | $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Male | 80-84 | 9.22 | 7.39 | 11.23 | $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Female | 80-84 | 12.80 | 10.20 | 15.77 |
| $\begin{aligned} & \hline \begin{array}{l} \text { Kyrgyzst } \\ \text { an } \end{array} \end{aligned}$ | Both | 80-84 | 11.54 | 9.30 | 14.22 | $\begin{aligned} & \hline \begin{array}{l} \text { Kyrgyzst } \\ \text { an } \end{array} \end{aligned}$ | Male | 85-89 | 10.71 | 8.72 | 12.98 | Kyrgyzst <br> an | Female | 85-89 | 14.42 | 11.71 | 17.66 |
| $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Both | 85-89 | 13.20 | 10.77 | 16.05 | $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Male | 90-94 | 12.04 | 9.96 | 14.49 | $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Female | 90-94 | 15.54 | 12.85 | 18.62 |
| $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Both | 90-94 | 14.38 | 11.92 | 17.17 | $\begin{aligned} & \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.35 | 0.25 | 0.48 | $\begin{aligned} & \hline \text { Kyrgyzst } \\ & \text { an } \end{aligned}$ | Female | $40-44$ years | 0.44 | 0.32 | 0.59 |


| Lao <br> People's <br> Democra <br> tic <br> Republic | Both | All ages | 0.87 | 0.74 | 0.99 | Lao <br> People's <br> Democra <br> tic <br> Republic | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.50 | 0.36 | 0.67 | Lao <br> People's <br> Democra <br> tic <br> Republic | Female | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.64 | 0.47 | 0.85 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lao <br> People's <br> Democra <br> tic <br> Republic | Both | 80-84 | 14.27 | 11.63 | 17.18 | Lao <br> People's <br> Democra <br> tic <br> Republic | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.07 | 0.82 | 1.35 | Lao <br> People's <br> Democra <br> tic <br> Republic | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.42 | 1.08 | 1.82 |
| Lao <br> People's <br> Democra <br> tic <br> Republic | Both | 85-89 | 16.00 | 13.17 | 19.28 | Lao <br> People's Democra tic Republic | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.88 | 1.40 | 2.40 | Lao <br> People's <br> Democra <br> tic <br> Republic | Female | 50-54 years | 2.58 | 1.92 | 3.35 |
| Lao <br> People's Democra tic Republic | Both | 90-94 | 17.28 | 14.16 | 20.52 | Lao <br> People's Democra tic Republic | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.88 | 2.27 | 3.51 | Lao <br> People's <br> Democra <br> tic <br> Republic | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.99 | 3.09 | 4.91 |
| Lao <br> People's Democra tic Republic | Both | 40-44 years | 0.57 | 0.42 | 0.75 | Lao <br> People's Democra tic Republic | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 4.01 | 3.17 | 5.01 | Lao <br> People's <br> Democra <br> tic <br> Republic | Female | 60-64 years | 5.63 | 4.36 | 6.94 |
| Lao <br> People's Democra tic Republic | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.25 | 0.96 | 1.58 | Lao <br> People's Democra tic Republic | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.55 | 4.49 | 6.89 | Lao <br> People's Democra tic Republic | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 8.08 | 6.43 | 9.78 |
| Lao <br> People's Democra tic Republic | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 2.24 | 1.67 | 2.87 | Lao <br> People's Democra tic Republic | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.43 | 5.75 | 9.33 | Lao <br> People's Democra tic Republic | Female | 70-74 years | 11.16 | 8.67 | 13.89 |
| Lao <br> People's Democra tic Republic | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.44 | 2.68 | 4.19 | Lao <br> People's Democra tic Republic | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 9.29 | 7.37 | 11.29 | Lao <br> People's <br> Democra <br> tic <br> Republic | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 14.15 | 11.21 | 17.47 |
| Lao <br> People's Democra tic Republic | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 4.82 | 3.79 | 5.92 | Lao <br> People's Democra tic Republic | Male | All ages | 0.68 | 0.58 | 0.78 | Lao <br> People's <br> Democra <br> tic <br> Republic | Female | All ages | 1.05 | 0.90 | 1.20 |
| Lao <br> People's Democra tic Republic | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 6.87 | 5.54 | 8.35 | Lao <br> People's Democra tic Republic | Male | 80-84 | 10.99 | 8.87 | 13.41 | Lao <br> People's <br> Democra <br> tic <br> Republic | Female | 80-84 | 16.80 | 13.56 | 20.30 |
| Lao <br> People's <br> Democra | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 9.33 | 7.28 | 11.68 | Lao <br> People's <br> Democra | Male | 85-89 | 12.31 | 10.04 | 14.95 | Lao <br> People's <br> Democra | Female | 85-89 | 18.56 | 15.27 | 22.43 |


| tic Republic |  |  |  |  |  | tic Republic |  |  |  |  |  | tic <br> Republic |  |  |  |  |  |
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| Lao <br> People's Democra tic Republic | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 11.94 | 9.50 | 14.57 | Lao <br> People's <br> Democra <br> tic <br> Republic | Male | 90-94 | 13.33 | 10.98 | 16.06 | Lao <br> People's Democra tic Republic | Female | 90-94 | 19.57 | 16.03 | 23.29 |
| Latvia | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.49 | 0.36 | 0.65 | Latvia | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.38 | 0.28 | 0.51 | Latvia | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.58 | 0.42 | 0.79 |
| Latvia | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.03 | 0.80 | 1.31 | Latvia | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.79 | 0.61 | 0.99 | Latvia | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.26 | 0.96 | 1.60 |
| Latvia | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.84 | 1.41 | 2.35 | Latvia | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.37 | 1.05 | 1.74 | Latvia | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.26 | 1.69 | 2.93 |
| Latvia | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.95 | 2.27 | 3.61 | Latvia | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.16 | 1.70 | 2.64 | Latvia | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.61 | 2.77 | 4.48 |
| Latvia | Both | $60-64$ years | 4.39 | 3.44 | 5.43 | Latvia | Male | $60-64$ years | 3.15 | 2.48 | 3.85 | Latvia | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.34 | 4.15 | 6.67 |
| Latvia | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 6.73 | 5.43 | 8.15 | Latvia | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.67 | 3.78 | 5.65 | Latvia | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 8.09 | 6.48 | 9.87 |
| Latvia | Both | $70-74$ years | 9.78 | 7.56 | 12.36 | Latvia | Male | $70-74$ years | 6.61 | 5.12 | 8.32 | Latvia | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.58 | 8.96 | 14.68 |
| Latvia | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 12.94 | 10.30 | 16.10 | Latvia | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 8.66 | 6.98 | 10.68 | Latvia | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 14.96 | 11.91 | 18.75 |
| Latvia | Both | All ages | 3.28 | 2.80 | 3.77 | Latvia | Male | All ages | 1.74 | 1.49 | 2.00 | Latvia | Female | All ages | 4.55 | 3.88 | 5.25 |
| Latvia | Both | 80-84 | 15.92 | 13.06 | 19.29 | Latvia | Male | 80-84 | 10.71 | 8.60 | 13.10 | Latvia | Female | 80-84 | 17.95 | 14.69 | 21.71 |
| Latvia | Both | 85-89 | 18.28 | 15.10 | 21.82 | Latvia | Male | 85-89 | 12.55 | 10.21 | 15.27 | Latvia | Female | 85-89 | 20.10 | 16.51 | 24.06 |
| Latvia | Both | 90-94 | 20.15 | 16.74 | 23.90 | Latvia | Male | 90-94 | 14.23 | 11.54 | 17.19 | Latvia | Female | 90-94 | 21.49 | 17.80 | 25.37 |
| Lebanon | Both | 60-64 years | 4.26 | 3.32 | 5.24 | Lebanon | Male | 60-64 years | 3.61 | 2.82 | 4.50 | Lebanon | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.52 | 0.38 | 0.71 |
| Lebanon | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.38 | 5.14 | 7.84 | Lebanon | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.37 | 4.31 | 6.63 | Lebanon | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.14 | 0.86 | 1.44 |
| Lebanon | Both | $70-74$ years | 9.08 | 6.99 | 11.49 | Lebanon | Male | $70-74$ years | 7.63 | 5.90 | 9.64 | Lebanon | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.04 | 1.52 | 2.64 |
| Lebanon | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 11.79 | 9.43 | 14.47 | Lebanon | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 9.98 | 7.90 | 12.26 | Lebanon | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.25 | 2.51 | 4.00 |
| Lebanon | Both | All ages | 1.44 | 1.24 | 1.67 | Lebanon | Male | All ages | 1.15 | 0.99 | 1.32 | Lebanon | Female | $60-64$ years | 4.79 | 3.69 | 5.90 |
| Lebanon | Both | 80-84 | 14.33 | 11.67 | 17.42 | Lebanon | Male | 80-84 | 12.24 | 9.85 | 15.14 | Lebanon | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.22 | 5.79 | 8.85 |
| Lebanon | Both | 85-89 | 16.29 | 13.38 | 19.60 | Lebanon | Male | 85-89 | 14.12 | 11.50 | 17.21 | Lebanon | Female | $70-74$ years | 10.30 | 7.82 | 13.12 |
| Lebanon | Both | 90-94 | 17.86 | 14.83 | 21.32 | Lebanon | Male | 90-94 | 15.65 | 12.92 | 18.78 | Lebanon | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 13.29 | 10.63 | 16.40 |
| Lebanon | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.47 | 0.35 | 0.63 | Lebanon | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.41 | 0.30 | 0.55 | Lebanon | Female | All ages | 1.72 | 1.47 | 1.98 |


| Lebanon | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.02 | 0.79 | 1.29 | Lebanon | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.88 | 0.68 | 1.12 | Lebanon | Female | 80-84 | 15.97 | 12.93 | 19.41 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lebanon | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.83 | 1.37 | 2.34 | Lebanon | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.57 | 1.18 | 2.00 | Lebanon | Female | 85-89 | 17.99 | 14.76 | 21.64 |
| Lebanon | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.90 | 2.24 | 3.55 | Lebanon | Male | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.48 | 1.92 | 3.03 | Lebanon | Female | 90-94 | 19.41 | 16.13 | 23.28 |
| Lesotho | Both | $\begin{aligned} & 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.39 | 0.29 | 0.52 | Lesotho | Male | $\begin{aligned} & 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.33 | 0.24 | 0.45 | Lesotho | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.45 | 0.33 | 0.60 |
| Lesotho | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.88 | 0.69 | 1.12 | Lesotho | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.74 | 0.57 | 0.93 | Lesotho | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.02 | 0.79 | 1.31 |
| Lesotho | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.64 | 1.25 | 2.12 | Lesotho | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.35 | 1.03 | 1.73 | Lesotho | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.89 | 1.41 | 2.49 |
| Lesotho | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.68 | 2.08 | 3.30 | Lesotho | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.16 | 1.70 | 2.61 | Lesotho | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.07 | 2.35 | 3.78 |
| Lesotho | Both | 60-64 years | 3.99 | 3.14 | 4.95 | Lesotho | Male | 60-64 years | 3.17 | 2.49 | 3.94 | Lesotho | Female | 60-64 years | 4.58 | 3.57 | 5.70 |
| Lesotho | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 6.11 | 4.89 | 7.49 | Lesotho | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.74 | 3.81 | 5.81 | Lesotho | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 7.03 | 5.59 | 8.63 |
| Lesotho | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.95 | 6.88 | 11.24 | Lesotho | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.76 | 5.16 | 8.47 | Lesotho | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.22 | 7.84 | 12.93 |
| Lesotho | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 11.92 | 9.43 | 14.76 | Lesotho | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 8.88 | 7.08 | 10.83 | Lesotho | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 13.41 | 10.58 | 16.56 |
| Lesotho | Both | All ages | 0.74 | 0.63 | 0.85 | Lesotho | Male | All ages | 0.46 | 0.39 | 0.53 | Lesotho | Female | All ages | 1.01 | 0.86 | 1.16 |
| Lesotho | Both | 80-84 | 14.81 | 12.09 | 18.21 | Lesotho | Male | 80-84 | 10.92 | 8.79 | 13.35 | Lesotho | Female | 80-84 | 16.30 | 13.30 | 20.12 |
| Lesotho | Both | 85-89 | 16.99 | 13.90 | 20.65 | Lesotho | Male | 85-89 | 12.61 | 10.30 | 15.33 | Lesotho | Female | 85-89 | 18.32 | 15.00 | 22.40 |
| Lesotho | Both | 90-94 | 18.39 | 15.25 | 21.98 | Lesotho | Male | 90-94 | 13.98 | 11.37 | 16.77 | Lesotho | Female | 90-94 | 19.53 | 16.19 | 23.43 |
| Liberia | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.69 | 0.52 | 0.88 | Liberia | Male | $40-44$ <br> years | 0.29 | 0.21 | 0.39 | Liberia | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.74 | 0.56 | 0.96 |
| Liberia | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.25 | 0.94 | 1.61 | Liberia | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.64 | 0.48 | 0.81 | Liberia | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.36 | 1.01 | 1.77 |
| Liberia | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.02 | 1.58 | 2.48 | Liberia | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.16 | 0.86 | 1.49 | Liberia | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.21 | 1.71 | 2.71 |
| Liberia | Both | 60-64 years | 2.99 | 2.36 | 3.76 | Liberia | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.86 | 1.44 | 2.29 | Liberia | Female | 60-64 years | 3.29 | 2.59 | 4.12 |
| Liberia | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.50 | 3.57 | 5.55 | Liberia | Male | 60-64 years | 2.73 | 2.12 | 3.46 | Liberia | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.99 | 3.94 | 6.15 |
| Liberia | Both | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 6.47 | 4.92 | 8.24 | Liberia | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.05 | 3.22 | 5.01 | Liberia | Female | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 7.19 | 5.49 | 9.19 |
| Liberia | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.54 | 6.90 | 10.40 | Liberia | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 5.73 | 4.41 | 7.26 | Liberia | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 9.48 | 7.60 | 11.78 |
| Liberia | Both | All ages | 0.38 | 0.32 | 0.43 | Liberia | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 7.54 | 5.98 | 9.18 | Liberia | Female | All ages | 0.41 | 0.35 | 0.47 |
| Liberia | Both | 80-84 | 10.51 | 8.45 | 12.90 | Liberia | Male | All ages | 0.35 | 0.30 | 0.40 | Liberia | Female | 80-84 | 11.65 | 9.33 | 14.29 |


| Liberia | Both | 85-89 | 12.07 | 9.78 | 14.59 | Liberia | Male | 80-84 | 9.32 | 7.43 | 11.39 | Liberia | Female | 85-89 | 13.32 | 10.79 | 16.18 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Liberia | Both | 90-94 | 13.36 | 11.06 | 16.13 | Liberia | Male | 85-89 | 10.83 | 8.78 | 13.13 | Liberia | Female | 90-94 | 14.55 | 11.97 | 17.62 |
| Liberia | Both | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.31 | 0.22 | 0.42 | Liberia | Male | 90-94 | 12.08 | 9.83 | 14.70 | Liberia | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.34 | 0.24 | 0.46 |
| Libya | Both | 40-44 years | 0.40 | 0.28 | 0.54 | Libya | Male | $\begin{array}{\|l\|} \hline 40-44 \\ \text { years } \end{array}$ | 0.35 | 0.25 | 0.48 | Libya | Female | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.44 | 0.32 | 0.61 |
| Libya | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.84 | 0.64 | 1.05 | Libya | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.74 | 0.56 | 0.93 | Libya | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.95 | 0.73 | 1.21 |
| Libya | Both | 50-54 years | 1.49 | 1.13 | 1.89 | Libya | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.30 | 0.99 | 1.65 | Libya | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.68 | 1.27 | 2.17 |
| Libya | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.37 | 1.86 | 2.88 | Libya | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.06 | 1.62 | 2.52 | Libya | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.68 | 2.10 | 3.32 |
| Libya | Both | 60-64 <br> years | 3.48 | 2.74 | 4.31 | Libya | Male | $60-64$ years | 3.02 | 2.37 | 3.80 | Libya | Female | $\begin{array}{\|l\|} \hline 60-64 \\ \text { years } \end{array}$ | 3.96 | 3.11 | 4.89 |
| Libya | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.20 | 4.20 | 6.37 | Libya | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.47 | 3.62 | 5.49 | Libya | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.93 | 4.76 | 7.28 |
| Libya | Both | $70-74$ years | 7.34 | 5.63 | 9.20 | Libya | Male | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 6.31 | 4.87 | 7.97 | Libya | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 8.41 | 6.48 | 10.56 |
| Libya | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 9.50 | 7.62 | 11.58 | Libya | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.23 | 6.52 | 10.01 | Libya | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.92 | 8.66 | 13.39 |
| Libya | Both | All ages | 0.82 | 0.71 | 0.93 | Libya | Male | All ages | 0.71 | 0.62 | 0.82 | Libya | Female | All ages | 0.93 | 0.81 | 1.06 |
| Libya | Both | 80-84 | 11.62 | 9.39 | 14.32 | Libya | Male | 80-84 | 10.11 | 8.10 | 12.45 | Libya | Female | 80-84 | 13.26 | 10.62 | 16.36 |
| Libya | Both | 85-89 | 13.48 | 11.11 | 16.21 | Libya | Male | 85-89 | 11.76 | 9.65 | 14.24 | Libya | Female | 85-89 | 15.07 | 12.34 | 18.16 |
| Libya | Both | 90-94 | 15.01 | 12.39 | 18.00 | Libya | Male | 90-94 | 13.22 | 10.90 | 15.95 | Libya | Female | 90-94 | 16.42 | 13.52 | 19.73 |
| Lithuania | Both | 80-84 | 15.37 | 12.52 | 18.80 | Lithuania | Male | 80-84 | 10.37 | 8.26 | 12.65 | Lithuania | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.56 | 0.41 | 0.74 |
| Lithuania | Both | 85-89 | 17.67 | 14.51 | 21.25 | Lithuania | Male | 85-89 | 12.19 | 9.95 | 14.70 | Lithuania | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.21 | 0.93 | 1.54 |
| Lithuania | Both | 90-94 | 19.51 | 16.23 | 23.19 | Lithuania | Male | 90-94 | 13.90 | 11.42 | 16.63 | Lithuania | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 2.17 | 1.63 | 2.79 |
| Lithuania | Both | 40-44 years | 0.47 | 0.34 | 0.63 | Lithuania | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.37 | 0.27 | 0.50 | Lithuania | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.48 | 2.69 | 4.34 |
| Lithuania | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.00 | 0.78 | 1.25 | Lithuania | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.77 | 0.59 | 0.95 | Lithuania | Female | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 5.19 | 4.04 | 6.47 |
| Lithuania | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.78 | 1.35 | 2.25 | Lithuania | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.33 | 1.02 | 1.67 | Lithuania | Female | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.85 | 6.29 | 9.59 |
| Lithuania | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.85 | 2.22 | 3.50 | Lithuania | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.09 | 1.65 | 2.57 | Lithuania | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 11.21 | 8.62 | 14.29 |
| Lithuania | Both | 60-64 years | 4.26 | 3.34 | 5.28 | Lithuania | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 3.05 | 2.41 | 3.80 | Lithuania | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 14.49 | 11.40 | 17.95 |
| Lithuania | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.51 | 5.24 | 7.95 | Lithuania | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.51 | 3.64 | 5.53 | Lithuania | Female | All ages | 4.31 | 3.66 | 5.00 |


| Lithuania | Both | 70-74 years | 9.46 | 7.29 | 11.99 | Lithuania | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.39 | 4.96 | 7.97 | Lithuania | Female | 80-84 | 17.43 | 14.15 | 21.27 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lithuania | Both | $\begin{aligned} & \begin{array}{l} 75-79 \\ \text { years } \end{array} \end{aligned}$ | 12.48 | 9.93 | 15.38 | Lithuania | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.37 | 6.70 | 10.12 | Lithuania | Female | 85-89 | 19.58 | 16.10 | 23.66 |
| Lithuania | Both | All ages | 3.13 | 2.67 | 3.61 | Lithuania | Male | All ages | 1.70 | 1.46 | 1.94 | Lithuania | Female | 90-94 | 21.02 | 17.48 | 24.98 |
| $\begin{aligned} & \text { Luxembo } \\ & \text { urg } \end{aligned}$ | Both | $\begin{aligned} & 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.14 | 0.84 | 1.47 | $\begin{aligned} & \text { Luxembo } \\ & \text { urg } \end{aligned}$ | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.60 | 0.44 | 0.81 | $\begin{aligned} & \text { Luxembo } \\ & \text { urg } \end{aligned}$ | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.67 | 1.23 | 2.15 |
| Luxembo urg | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.96 | 1.57 | 2.41 | Luxembo urg | Male | $\begin{aligned} & \text { 45-49 } \\ & \text { years } \end{aligned}$ | 1.26 | 0.97 | 1.59 | $\begin{aligned} & \hline \text { Luxembo } \\ & \text { urg } \\ & \hline \end{aligned}$ | Female | $\begin{aligned} & \text { 45-49 } \\ & \text { years } \end{aligned}$ | 2.68 | 2.10 | 3.35 |
| $\begin{aligned} & \text { Luxembo } \\ & \text { urg } \end{aligned}$ | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.92 | 2.27 | 3.67 | Luxembo urg | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.24 | 1.70 | 2.90 | $\begin{aligned} & \text { Luxembo } \\ & \text { urg } \end{aligned}$ | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.65 | 2.84 | 4.57 |
| $\begin{aligned} & \text { Luxembo } \\ & \text { urg } \\ & \hline \end{aligned}$ | Both | $\begin{aligned} & 55-59 \\ & \text { vears } \end{aligned}$ | 4.28 | 3.39 | 5.23 | Luxembo urg | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.74 | 2.93 | 4.61 | $\begin{aligned} & \hline \begin{array}{l} \text { Luxembo } \\ \text { urg } \end{array} \\ & \hline \end{aligned}$ | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.85 | 3.88 | 5.94 |
| $\begin{aligned} & \text { Luxembo } \\ & \text { urg } \\ & \hline \end{aligned}$ | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.23 | 5.01 | 7.54 | $\begin{aligned} & \text { Luxembo } \\ & \text { urg } \end{aligned}$ | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.78 | 4.51 | 7.21 | $\begin{aligned} & \hline \text { Luxembo } \\ & \text { urg } \\ & \hline \end{aligned}$ | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.69 | 5.39 | 8.08 |
| $\begin{aligned} & \text { Luxembo } \\ & \text { urg } \end{aligned}$ | Both | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 9.68 | 7.88 | 11.56 | Luxembo urg | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 8.83 | 7.10 | 10.62 | $\begin{aligned} & \text { Luxembo } \\ & \text { urg } \end{aligned}$ | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 10.53 | 8.55 | 12.57 |
| $\begin{aligned} & \text { Luxembo } \\ & \text { urg } \end{aligned}$ | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 14.21 | 11.15 | 17.85 | $\begin{aligned} & \text { Luxembo } \\ & \text { urg } \end{aligned}$ | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 12.58 | 9.76 | 15.80 | $\begin{aligned} & \text { Luxembo } \\ & \text { urg } \end{aligned}$ | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 15.78 | 12.33 | 19.82 |
| $\begin{aligned} & \text { Luxembo } \\ & \text { urg } \end{aligned}$ | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 18.68 | 15.05 | 22.85 | Luxembo urg | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 16.06 | 12.77 | 19.74 | $\begin{aligned} & \text { Luxembo } \\ & \text { urg } \end{aligned}$ | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 20.81 | 16.85 | 25.43 |
| $\begin{aligned} & \text { Luxembo } \\ & \text { urg } \end{aligned}$ | Both | All ages | 3.72 | 3.24 | 4.21 | Luxembo urg | Male | All ages | 2.91 | 2.50 | 3.34 | $\begin{aligned} & \text { Luxembo } \\ & \text { urg } \end{aligned}$ | Female | All ages | 4.50 | 3.90 | 5.11 |
| $\begin{aligned} & \text { Luxembo } \\ & \text { urg } \end{aligned}$ | Both | 80-84 | 22.74 | 18.78 | 27.35 | $\begin{aligned} & \hline \begin{array}{l} \text { Luxembo } \\ \text { urg } \end{array} \\ & \hline \end{aligned}$ | Male | 80-84 | 19.10 | 15.57 | 22.97 | $\begin{aligned} & \text { Luxembo } \\ & \text { urg } \end{aligned}$ | Female | 80-84 | 25.28 | 20.96 | 30.49 |
| $\begin{aligned} & \text { Luxembo } \\ & \text { urg } \end{aligned}$ | Both | 85-89 | 25.97 | 21.74 | 31.05 | $\begin{aligned} & \text { Luxembo } \\ & \text { urg } \end{aligned}$ | Male | 85-89 | 21.34 | 17.64 | 25.51 | $\begin{aligned} & \text { Luxembo } \\ & \text { urg } \end{aligned}$ | Female | 85-89 | 28.60 | 23.84 | 34.45 |
| $\begin{aligned} & \text { Luxembo } \\ & \text { urg } \end{aligned}$ | Both | 90-94 | 28.45 | 24.10 | 33.27 | $\begin{aligned} & \text { Luxembo } \\ & \text { urg } \end{aligned}$ | Male | 90-94 | 22.75 | 19.07 | 26.87 | $\begin{aligned} & \text { Luxembo } \\ & \text { urg } \end{aligned}$ | Female | 90-94 | 30.70 | 25.93 | 35.98 |
| Madagas car | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.02 | 6.43 | 9.76 | Madagas car | Male | $40-44$ years | 0.26 | 0.19 | 0.35 | Madagas car | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 9.13 | 7.37 | 11.27 |
| Madagas car | Both | All ages | 0.33 | 0.28 | 0.38 | Madagas car | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.57 | 0.43 | 0.73 | Madagas car | Female | All ages | 0.39 | 0.33 | 0.44 |
| $\begin{aligned} & \text { Madagas } \\ & \text { car } \\ & \hline \end{aligned}$ | Both | 80-84 | 9.96 | 8.13 | 12.31 | Madagas $\mathrm{car}$ | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.03 | 0.77 | 1.32 | $\begin{aligned} & \text { Madagas } \\ & \text { car } \end{aligned}$ | Female | 80-84 | 11.29 | 9.18 | 13.92 |
| Madagas car | Both | 85-89 | 11.60 | 9.44 | 13.95 | Madagas car | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.65 | 1.29 | 2.02 | Madagas car | Female | 85-89 | 13.02 | 10.62 | 15.78 |
| Madagas car | Both | 90-94 | 13.02 | 10.69 | 15.49 | Madagas car | Male | 60-64 years | 2.43 | 1.91 | 3.06 | Madagas car | Female | 90-94 | 14.37 | 11.87 | 17.19 |
| $\begin{aligned} & \begin{array}{l} \text { Madagas } \\ \text { car } \end{array} \\ & \hline \end{aligned}$ | Both | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.30 | 0.21 | 0.39 | Madagas car | Male | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.59 | 2.86 | 4.44 | $\begin{aligned} & \text { Madagas } \\ & \text { car } \\ & \hline \end{aligned}$ | Female | $\begin{aligned} & 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.33 | 0.24 | 0.45 |
| Madagas car | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.65 | 0.49 | 0.82 | Madagas car | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.07 | 3.87 | 6.35 | $\begin{aligned} & \hline \text { Madagas } \\ & \text { car } \\ & \hline \end{aligned}$ | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.72 | 0.55 | 0.92 |
| Madagas car | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.17 | 0.89 | 1.50 | Madagas car | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 6.67 | 5.31 | 8.13 | Madagas car | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.31 | 0.99 | 1.67 |
| Madagas car | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.89 | 1.48 | 2.32 | Madagas car | Male | All ages | 0.28 | 0.24 | 0.32 | Madagas car | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.13 | 1.65 | 2.62 |


| Madagas car | Both | 60-64 years | 2.81 | 2.20 | 3.53 | $\begin{array}{\|l\|} \hline \begin{array}{l} \text { Madagas } \\ \text { car } \end{array} \\ \hline \end{array}$ | Male | 80-84 | 8.28 | 6.71 | 10.29 | $\begin{aligned} & \text { Madagas } \\ & \text { car } \end{aligned}$ | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 3.18 | 2.49 | 4.03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Madagas car | Both | 65-69 years | 4.22 | 3.36 | 5.18 | $\begin{aligned} & \text { Madagas } \\ & \text { car } \end{aligned}$ | Male | 85-89 | 9.75 | 7.93 | 11.73 | $\begin{aligned} & \text { Madagas } \\ & \text { car } \\ & \hline \end{aligned}$ | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.81 | 3.83 | 5.95 |
| Madagas car | Both | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 6.04 | 4.65 | 7.58 | $\begin{aligned} & \text { Madagas } \\ & \text { car } \\ & \hline \end{aligned}$ | Male | 90-94 | 11.09 | 9.09 | 13.24 | $\begin{aligned} & \text { Madagas } \\ & \text { car } \end{aligned}$ | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.92 | 5.32 | 8.74 |
| Malawi | Both | 40-44 years | 0.32 | 0.23 | 0.43 | Malawi | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.29 | 0.21 | 0.39 | Malawi | Female | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.36 | 0.26 | 0.48 |
| Malawi | Both | $\begin{aligned} & \text { 45-49 } \\ & \text { years } \\ & \hline \end{aligned}$ | 0.71 | 0.54 | 0.90 | Malawi | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.63 | 0.48 | 0.81 | Malawi | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.79 | 0.61 | 1.01 |
| Malawi | Both | 50-54 years | 1.30 | 0.98 | 1.66 | Malawi | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.13 | 0.86 | 1.48 | Malawi | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.45 | 1.08 | 1.86 |
| Malawi | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.10 | 1.63 | 2.58 | Malawi | Male | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.82 | 1.41 | 2.22 | Malawi | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.36 | 1.83 | 2.91 |
| Malawi | Both | 60-64 years | 3.13 | 2.46 | 3.91 | Malawi | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.67 | 2.11 | 3.35 | Malawi | Female | 60-64 years | 3.53 | 2.77 | 4.43 |
| Malawi | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.73 | 3.75 | 5.79 | Malawi | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.96 | 3.14 | 4.90 | Malawi | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.36 | 4.24 | 6.60 |
| Malawi | Both | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.84 | 5.21 | 8.50 | Malawi | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.63 | 4.26 | 7.06 | Malawi | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.73 | 5.92 | 9.67 |
| Malawi | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 9.09 | 7.17 | 11.07 | Malawi | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 7.40 | 5.81 | 8.95 | Malawi | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 10.19 | 8.09 | 12.39 |
| Malawi | Both | All ages | 0.37 | 0.32 | 0.43 | Malawi | Male | All ages | 0.28 | 0.24 | 0.33 | Malawi | Female | All ages | 0.46 | 0.39 | 0.53 |
| Malawi | Both | 80-84 | 11.35 | 9.16 | 13.96 | Malawi | Male | 80-84 | 9.16 | 7.43 | 11.21 | Malawi | Female | 80-84 | 12.52 | 10.02 | 15.46 |
| Malawi | Both | 85-89 | 13.24 | 10.73 | 16.06 | Malawi | Male | 85-89 | 10.68 | 8.70 | 12.91 | Malawi | Female | 85-89 | 14.28 | 11.56 | 17.41 |
| Malawi | Both | 90-94 | 14.78 | 12.17 | 17.75 | Malawi | Male | 90-94 | 11.99 | 9.81 | 14.40 | Malawi | Female | 90-94 | 15.54 | 12.82 | 18.70 |
| Malaysia | Both | 40-44 years | 0.54 | 0.40 | 0.72 | Malaysia | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.48 | 0.35 | 0.64 | Malaysia | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.61 | 0.44 | 0.81 |
| Malaysia | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.18 | 0.91 | 1.49 | Malaysia | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.02 | 0.79 | 1.28 | Malaysia | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.36 | 1.04 | 1.72 |
| Malaysia | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.13 | 1.61 | 2.72 | Malaysia | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.80 | 1.38 | 2.29 | Malaysia | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 2.47 | 1.85 | 3.20 |
| Malaysia | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.33 | 2.60 | 4.05 | Malaysia | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.78 | 2.17 | 3.37 | Malaysia | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.89 | 3.03 | 4.78 |
| Malaysia | Both | 60-64 years | 4.75 | 3.75 | 5.78 | Malaysia | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 3.92 | 3.08 | 4.79 | Malaysia | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 5.57 | 4.41 | 6.81 |
| Malaysia | Both | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 6.77 | 5.50 | 8.18 | Malaysia | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.46 | 4.40 | 6.60 | Malaysia | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.01 | 6.47 | 9.72 |
| Malaysia | Both | $70-74$ years | 9.13 | 7.22 | 11.31 | Malaysia | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.31 | 5.77 | 9.13 | Malaysia | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 11.00 | 8.69 | 13.74 |
| Malaysia | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 11.62 | 9.39 | 14.22 | Malaysia | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 9.19 | 7.39 | 11.22 | Malaysia | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 13.98 | 11.26 | 17.21 |
| Malaysia | Both | All ages | 1.23 | 1.06 | 1.40 | Malaysia | Male | All ages | 0.98 | 0.83 | 1.12 | Malaysia | Female | All ages | 1.49 | 1.29 | 1.71 |


| Malaysia | Both | 80-84 | 14.01 | 11.53 | 16.92 | Malaysia | Male | 80-84 | 11.00 | 9.00 | 13.36 | Malaysia | Female | 80-84 | 16.74 | 13.66 | 20.31 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Malaysia | Both | 85-89 | 15.88 | 13.17 | 19.04 | Malaysia | Male | 85-89 | 12.53 | 10.36 | 14.98 | Malaysia | Female | 85-89 | 18.84 | 15.56 | 22.62 |
| Malaysia | Both | 90-94 | 17.07 | 14.21 | 20.18 | Malaysia | Male | 90-94 | 13.84 | 11.56 | 16.42 | Malaysia | Female | 90-94 | 20.36 | 16.90 | 24.26 |
| Maldives | Both | $40-44$ years | 0.53 | 0.39 | 0.70 | Maldives | Male | 40-44 years | 0.48 | 0.35 | 0.64 | Maldives | Female | $40-44$ years | 0.61 | 0.45 | 0.80 |
| Maldives | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.16 | 0.90 | 1.45 | Maldives | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.03 | 0.80 | 1.29 | Maldives | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.36 | 1.05 | 1.72 |
| Maldives | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.10 | 1.60 | 2.68 | Maldives | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.82 | 1.38 | 2.33 | Maldives | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.48 | 1.89 | 3.18 |
| Maldives | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.31 | 2.59 | 4.02 | Maldives | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.82 | 2.22 | 3.43 | Maldives | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.90 | 3.02 | 4.77 |
| Maldives | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.74 | 3.72 | 5.82 | Maldives | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.99 | 3.17 | 4.92 | Maldives | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.59 | 4.31 | 6.94 |
| Maldives | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.69 | 5.43 | 8.12 | Maldives | Male | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 5.54 | 4.48 | 6.78 | Maldives | Female | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 8.02 | 6.45 | 9.78 |
| Maldives | Both | $70-74$ years | 9.14 | 7.16 | 11.42 | Maldives | Male | 70-74 years | 7.37 | 5.75 | 9.22 | Maldives | Female | $70-74$ years | 11.00 | 8.61 | 13.84 |
| Maldives | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 11.56 | 9.24 | 14.13 | Maldives | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 9.20 | 7.34 | 11.28 | Maldives | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 13.95 | 11.10 | 17.04 |
| Maldives | Both | All ages | 0.85 | 0.73 | 0.96 | Maldives | Male | All ages | 0.65 | 0.56 | 0.75 | Maldives | Female | All ages | 1.14 | 0.98 | 1.30 |
| Maldives | Both | 80-84 | 13.62 | 11.04 | 16.46 | Maldives | Male | 80-84 | 10.92 | 8.75 | 13.25 | Maldives | Female | 80-84 | 16.64 | 13.45 | 20.21 |
| Maldives | Both | 85-89 | 15.16 | 12.47 | 18.06 | Maldives | Male | 85-89 | 12.33 | 10.05 | 14.84 | Maldives | Female | 85-89 | 18.59 | 15.28 | 22.38 |
| Maldives | Both | 90-94 | 16.36 | 13.59 | 19.55 | Maldives | Male | 90-94 | 13.50 | 11.07 | 16.31 | Maldives | Female | 90-94 | 19.89 | 16.59 | 23.56 |
| Mali | Both | $40-44$ years | 0.29 | 0.21 | 0.38 | Mali | Male | $40-44$ years | 0.27 | 0.19 | 0.36 | Mali | Female | $40-44$ years | 0.31 | 0.22 | 0.41 |
| Mali | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.63 | 0.48 | 0.80 | Mali | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.58 | 0.45 | 0.74 | Mali | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.68 | 0.52 | 0.87 |
| Mali | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.14 | 0.87 | 1.47 | Mali | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.05 | 0.80 | 1.36 | Mali | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.23 | 0.93 | 1.58 |
| Mali | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.84 | 1.43 | 2.25 | Mali | Male | $\begin{aligned} & 55-59 \\ & \text { vears } \end{aligned}$ | 1.68 | 1.29 | 2.08 | Mali | Female | $\begin{aligned} & 55-59 \\ & \text { vears } \end{aligned}$ | 2.00 | 1.56 | 2.46 |
| Mali | Both | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 2.72 | 2.12 | 3.40 | Mali | Male | 60-64 years | 2.47 | 1.92 | 3.10 | Mali | Female | $60-64$ years | 2.98 | 2.32 | 3.75 |
| Mali | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.05 | 3.23 | 4.96 | Mali | Male | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 3.65 | 2.91 | 4.51 | Mali | Female | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 4.49 | 3.61 | 5.49 |
| Mali | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 5.78 | 4.44 | 7.23 | Mali | Male | 70-74 years | 5.17 | 3.95 | 6.47 | Mali | Female | $70-74$ years | 6.44 | 4.96 | 8.15 |
| Mali | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.62 | 6.10 | 9.32 | Mali | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 6.81 | 5.46 | 8.28 | Mali | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.51 | 6.84 | 10.38 |
| Mali | Both | All ages | 0.32 | 0.27 | 0.37 | Mali | Male | All ages | 0.30 | 0.26 | 0.35 | Mali | Female | All ages | 0.33 | 0.29 | 0.38 |


| Mali | Both | 80-84 | 9.46 | 7.69 | 11.55 | Mali | Male | 80-84 | 8.46 | 6.83 | 10.38 | Mali | Female | 80-84 | 10.54 | 8.49 | 12.95 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mali | Both | 85-89 | 11.04 | 9.04 | 13.35 | Mali | Male | 85-89 | 9.94 | 8.08 | 12.00 | Mali | Female | 85-89 | 12.21 | 9.98 | 14.87 |
| Mali | Both | 90-94 | 12.42 | 10.27 | 14.94 | Mali | Male | 90-94 | 11.27 | 9.33 | 13.70 | Mali | Female | 90-94 | 13.57 | 11.18 | 16.29 |
| Malta | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.19 | 0.89 | 1.54 | Malta | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.63 | 0.46 | 0.85 | Malta | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.77 | 1.33 | 2.29 |
| Malta | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 2.07 | 1.63 | 2.60 | Malta | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.33 | 1.02 | 1.71 | Malta | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 2.83 | 2.21 | 3.55 |
| Malta | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.10 | 2.41 | 3.95 | Malta | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.38 | 1.80 | 3.09 | Malta | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.83 | 2.95 | 4.85 |
| Malta | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.53 | 3.56 | 5.50 | Malta | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.98 | 3.06 | 4.89 | Malta | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 5.08 | 4.04 | 6.23 |
| Malta | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.57 | 5.25 | 8.09 | Malta | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.13 | 4.78 | 7.67 | Malta | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.00 | 5.59 | 8.60 |
| Malta | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 10.22 | 8.35 | 12.32 | Malta | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.35 | 7.55 | 11.49 | Malta | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 11.06 | 8.92 | 13.26 |
| Malta | Both | $70-74$ years | 14.95 | 11.56 | 18.64 | Malta | Male | $70-74$ years | 13.23 | 10.21 | 16.52 | Malta | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 16.52 | 12.72 | 20.75 |
| Malta | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 19.37 | 15.43 | 23.68 | Malta | Male | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 16.71 | 13.26 | 20.33 | Malta | Female | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 21.59 | 17.23 | 26.46 |
| Malta | Both | All ages | 4.97 | 4.24 | 5.68 | Malta | Male | All ages | 3.95 | 3.36 | 4.59 | Malta | Female | All ages | 5.94 | 5.09 | 6.82 |
| Malta | Both | 80-84 | 23.29 | 19.00 | 28.20 | Malta | Male | 80-84 | 19.60 | 15.93 | 23.61 | Malta | Female | 80-84 | 25.94 | 21.17 | 31.16 |
| Malta | Both | 85-89 | 26.36 | 21.88 | 31.41 | Malta | Male | 85-89 | 21.55 | 17.88 | 25.84 | Malta | Female | 85-89 | 28.95 | 23.98 | 34.62 |
| Malta | Both | 90-94 | 28.20 | 23.76 | 33.35 | Malta | Male | 90-94 | 22.58 | 18.82 | 26.79 | Malta | Female | 90-94 | 30.61 | 25.85 | 36.15 |
| Marshall Islands | Both | 40-44 years | 0.58 | 0.44 | 0.78 | Marshall Islands | Male | $40-44$ years | 0.53 | 0.39 | 0.71 | Marshall Islands | Female | $40-44$ years | 0.65 | 0.48 | 0.86 |
| Marshall Islands | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.27 | 0.99 | 1.60 | Marshall Islands | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.13 | 0.88 | 1.42 | Marshall Islands | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.42 | 1.11 | 1.81 |
| Marshall Islands | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.27 | 1.74 | 2.92 | Marshall Islands | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.99 | 1.50 | 2.56 | Marshall Islands | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.56 | 1.96 | 3.27 |
| Marshall Islands | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.50 | 2.77 | 4.28 | Marshall Islands | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.05 | 2.42 | 3.76 | Marshall Islands | Female | $\begin{aligned} & \text { 55-59 } \\ & \text { years } \end{aligned}$ | 3.95 | 3.07 | 4.84 |
| Marshall Islands | Both | 60-64 years | 4.91 | 3.88 | 6.06 | Marshall Islands | Male | $60-64$ years | 4.25 | 3.34 | 5.25 | Marshall Islands | Female | $\begin{array}{\|l\|} \hline 60-64 \\ \text { years } \\ \hline \end{array}$ | 5.58 | 4.36 | 6.88 |
| Marshall Islands | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 6.94 | 5.64 | 8.45 | Marshall <br> Islands | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.93 | 4.76 | 7.25 | Marshall Islands | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 8.03 | 6.47 | 9.75 |
| Marshall Islands | Both | $70-74$ years | 9.44 | 7.40 | 11.79 | Marshall Islands | Male | $70-74$ years | 7.96 | 6.22 | 9.96 | Marshall Islands | Female | $70-74$ years | 11.11 | 8.66 | 13.96 |
| Marshall Islands | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 11.85 | 9.51 | 14.52 | Marshall Islands | Male | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.90 | 7.97 | 12.07 | Marshall Islands | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 14.07 | 11.30 | 17.14 |
| Marshall Islands | Both | All ages | 0.83 | 0.71 | 0.95 | Marshall Islands | Male | All ages | 0.72 | 0.62 | 0.84 | Marshall Islands | Female | All ages | 0.94 | 0.80 | 1.08 |


| Marshall Islands | Both | 80-84 | 13.95 | 11.48 | 16.87 | Marshall Islands | Male | 80-84 | 11.60 | 9.46 | 14.08 | Marshall Islands | Female | 80-84 | 16.63 | 13.65 | 20.26 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Marshall Islands | Both | 85-89 | 15.34 | 12.62 | 18.41 | Marshall Islands | Male | 85-89 | 12.87 | 10.57 | 15.49 | Marshall Islands | Female | 85-89 | 18.29 | 15.08 | 22.05 |
| Marshall Islands | Both | 90-94 | 16.23 | 13.56 | 19.35 | Marshall Islands | Male | 90-94 | 13.79 | 11.52 | 16.54 | Marshall Islands | Female | 90-94 | 19.18 | 15.88 | 22.81 |
| $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.30 | 0.22 | 0.40 | $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Male | 85-89 | 10.39 | 8.45 | 12.42 | $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.32 | 0.23 | 0.43 |
| $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.65 | 0.50 | 0.83 | $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Male | 90-94 | 11.79 | 9.64 | 14.20 | $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Female | $\begin{aligned} & \text { 45-49 } \\ & \text { years } \end{aligned}$ | 0.70 | 0.54 | 0.90 |
| $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Both | 50-54 years | 1.18 | 0.90 | 1.52 | $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.27 | 0.20 | 0.37 | $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.27 | 0.97 | 1.64 |
| $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.91 | 1.49 | 2.33 | $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.60 | 0.46 | 0.77 | $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.07 | 1.63 | 2.60 |
| $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Both | 60-64 years | 2.84 | 2.24 | 3.53 | $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Male | $50-54$ years | 1.08 | 0.82 | 1.39 | $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Female | 60-64 years | 3.11 | 2.43 | 3.91 |
| $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \\ & \hline \end{aligned}$ | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.26 | 3.41 | 5.21 | $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.75 | 1.36 | 2.14 | $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.70 | 3.75 | 5.78 |
| $\qquad$ ia | Both | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.08 | 4.63 | 7.66 | $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.58 | 2.02 | 3.24 | $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.76 | 5.17 | 8.48 |
| $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.00 | 6.42 | 9.75 | $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.83 | 3.10 | 4.69 | $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 8.93 | 7.16 | 10.91 |
| $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Both | All ages | 0.46 | 0.40 | 0.53 | $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Male | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 5.42 | 4.12 | 6.87 | $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Female | All ages | 0.49 | 0.42 | 0.56 |
| $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Both | 80-84 | 9.91 | 7.93 | 12.12 | $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 7.13 | 5.66 | 8.71 | $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Female | 80-84 | 11.05 | 8.86 | 13.65 |
| $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Both | 85-89 | 11.56 | 9.51 | 13.90 | $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Male | All ages | 0.43 | 0.37 | 0.49 | $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Female | 85-89 | 12.83 | 10.64 | 15.60 |
| $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Both | 90-94 | 13.03 | 10.76 | 15.63 | $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Male | 80-84 | 8.84 | 7.11 | 10.77 | $\begin{aligned} & \text { Mauritan } \\ & \text { ia } \end{aligned}$ | Female | 90-94 | 14.28 | 11.81 | 17.21 |
| Mauritius | Both | 40-44 years | 0.62 | 0.45 | 0.84 | Mauritius | Male | $40-44$ years | 0.54 | 0.39 | 0.74 | Mauritius | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.70 | 0.52 | 0.94 |
| Mauritius | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.37 | 1.06 | 1.72 | Mauritius | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.16 | 0.90 | 1.46 | Mauritius | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.57 | 1.22 | 1.98 |
| Mauritius | Both | 50-54 years | 2.47 | 1.87 | 3.18 | Mauritius | Male | 50-54 years | 2.07 | 1.58 | 2.67 | Mauritius | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.86 | 2.16 | 3.66 |
| Mauritius | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.86 | 3.04 | 4.72 | Mauritius | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.20 | 2.53 | 3.91 | Mauritius | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.49 | 3.52 | 5.52 |
| Mauritius | Both | 60-64 years | 5.50 | 4.33 | 6.79 | Mauritius | Male | 60-64 years | 4.50 | 3.55 | 5.54 | Mauritius | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.44 | 4.98 | 7.97 |
| Mauritius | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 7.89 | 6.39 | 9.67 | Mauritius | Male | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.27 | 5.00 | 7.61 | Mauritius | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.30 | 7.50 | 11.50 |
| Mauritius | Both | $70-74$ years | 10.88 | 8.52 | 13.54 | Mauritius | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 8.41 | 6.62 | 10.47 | Mauritius | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 12.82 | 9.99 | 16.04 |
| Mauritius | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 13.84 | 11.09 | 16.92 | Mauritius | Male | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.55 | 8.43 | 12.97 | Mauritius | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 16.20 | 12.97 | 19.96 |
| Mauritius | Both | All ages | 2.33 | 2.01 | 2.68 | Mauritius | Male | All ages | 1.71 | 1.46 | 1.96 | Mauritius | Female | All ages | 2.93 | 2.53 | 3.40 |


| Mauritius | Both | 80-84 | 16.67 | 13.58 | 20.07 | Mauritius | Male | 80-84 | 12.54 | 10.07 | 15.33 | Mauritius | Female | 80-84 | 19.19 | 15.62 | 23.06 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mauritius | Both | 85-89 | 18.70 | 15.49 | 22.27 | Mauritius | Male | 85-89 | 14.15 | 11.56 | 16.91 | Mauritius | Female | 85-89 | 21.28 | 17.60 | 25.52 |
| Mauritius | Both | 90-94 | 20.14 | 16.80 | 23.85 | Mauritius | Male | 90-94 | 15.42 | 12.76 | 18.42 | Mauritius | Female | 90-94 | 22.56 | 18.79 | 26.70 |
| Mexico | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.31 | 0.23 | 0.42 | Mexico | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.22 | 0.15 | 0.29 | Mexico | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.40 | 0.29 | 0.53 |
| Mexico | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.69 | 0.53 | 0.87 | Mexico | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.46 | 0.36 | 0.58 | Mexico | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.89 | 0.69 | 1.13 |
| Mexico | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.26 | 0.95 | 1.62 | Mexico | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 0.82 | 0.62 | 1.04 | Mexico | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.66 | 1.25 | 2.13 |
| Mexico | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.08 | 1.62 | 2.53 | Mexico | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.33 | 1.05 | 1.62 | Mexico | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.74 | 2.14 | 3.33 |
| Mexico | Both | 60-64 years | 3.19 | 2.52 | 3.94 | Mexico | Male | 60-64 years | 2.03 | 1.60 | 2.51 | Mexico | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.21 | 3.33 | 5.21 |
| Mexico | Both | 65-69 years | 5.05 | 4.06 | 6.18 | Mexico | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.18 | 2.54 | 3.90 | Mexico | Female | 65-69 years | 6.71 | 5.40 | 8.20 |
| Mexico | Both | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 7.54 | 5.83 | 9.45 | Mexico | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.71 | 3.60 | 5.86 | Mexico | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.96 | 7.74 | 12.46 |
| Mexico | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 10.02 | 7.98 | 12.20 | Mexico | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 6.30 | 5.02 | 7.71 | Mexico | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 13.14 | 10.50 | 16.05 |
| Mexico | Both | All ages | 1.05 | 0.91 | 1.19 | Mexico | Male | All ages | 0.64 | 0.56 | 0.74 | Mexico | Female | All ages | 1.41 | 1.23 | 1.62 |
| Mexico | Both | 80-84 | 12.38 | 10.19 | 15.05 | Mexico | Male | 80-84 | 7.86 | 6.39 | 9.67 | Mexico | Female | 80-84 | 15.99 | 13.19 | 19.41 |
| Mexico | Both | 85-89 | 14.20 | 11.74 | 17.05 | Mexico | Male | 85-89 | 9.28 | 7.63 | 11.18 | Mexico | Female | 85-89 | 17.99 | 14.84 | 21.60 |
| Mexico | Both | 90-94 | 15.46 | 12.90 | 18.38 | Mexico | Male | 90-94 | 10.64 | 8.73 | 12.81 | Mexico | Female | 90-94 | 19.27 | 16.18 | 22.84 |
| Micrones ia (Federate d States of) | Both | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.58 | 0.43 | 0.77 | Micrones ia (Federate d States of) | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.52 | 0.39 | 0.69 | Micrones ia (Federate d States of) | Female | 90-94 | 19.04 | 15.81 | 22.49 |
| Micrones <br> ia <br> (Federate <br> d States <br> of) | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.27 | 1.00 | 1.59 | Micrones ia (Federate d States of) | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.12 | 0.87 | 1.41 | Micrones ia <br> (Federate <br> d States <br> of) | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.64 | 0.48 | 0.85 |
| Micrones ia (Federate d States of) | Both | $50-54$ years | 2.27 | 1.74 | 2.92 | Micrones ia (Federate d States of) | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.97 | 1.50 | 2.53 | Micrones ia <br> (Federate <br> d States <br> of) | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.43 | 1.12 | 1.79 |
| Micrones ia <br> (Federate d States of) | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.49 | 2.72 | 4.25 | Micrones ia <br> (Federate d States of) | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.02 | 2.36 | 3.71 | Micrones ia <br> (Federate <br> d States <br> of) | Female | $50-54$ years | 2.57 | 1.96 | 3.29 |


| Micrones ia （Federate d States of） | Both | 60－64 years | 4.89 | 3.78 | 6.03 | Micrones ia （Federate d States of） | Male | 60－64 years | 4.21 | 3.27 | 5.21 | Micrones ia （Federate d States of） | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.95 | 3.08 | 4.81 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Micrones ia （Federate d States of） | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 7.00 | 5.60 | 8.51 | Micrones <br> ia <br> （Federate <br> d States <br> of） | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.88 | 4.68 | 7.22 | Micrones ia （Federate d States of） | Female | 60－64 years | 5.57 | 4.27 | 6.91 |
| Micrones ia （Federate d States of） | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 9.70 | 7.59 | 12.09 | Micrones ia （Federate d States of） | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.90 | 6.14 | 9.71 | Micrones ia （Federate d States of） | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 8.03 | 6.39 | 9.75 |
| Micrones ia （Federate d States of） | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 12.40 | 9.96 | 15.11 | Micrones ia <br> （Federate d States of） | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 9.82 | 7.85 | 11.85 | Micrones ia （Federate d States of） | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 11.12 | 8.65 | 14.00 |
| Micrones ia （Federate d States of） | Both | All ages | 0.97 | 0.83 | 1.12 | Micrones ia <br> （Federate d States of） | Male | All ages | 0.77 | 0.65 | 0.89 | Micrones ia （Federate d States of） | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 14.04 | 11.24 | 17.28 |
| Micrones ia <br> （Federate <br> d States <br> of） | Both | 80－84 | 14.75 | 12.11 | 17.78 | Micrones ia <br> （Federate <br> d States <br> of） | Male | 80－84 | 11.51 | 9.39 | 13.98 | Micrones ia <br> （Federate <br> d States <br> of） | Female | All ages | 1.17 | 1.00 | 1.36 |
| Micrones ia <br> （Federate d States of） | Both | 85－89 | 16.18 | 13.44 | 19.36 | Micrones ia <br> （Federate d States of） | Male | 85－89 | 12.76 | 10.52 | 15.30 | Micrones ia （Federate d States of） | Female | 80－84 | 16.55 | 13.53 | 20.03 |
| $\begin{aligned} & \begin{array}{l} \text { Micrones } \\ \text { ia } \\ \text { (Federate } \\ \text { d States } \\ \text { of) } \\ \hline \end{array} ⿳ ⺈ ⿴ 囗 十 一 \text { en } \end{aligned}$ | Both | 90－94 | 16.97 | 14.10 | 20.01 | Micrones <br> ia <br> （Federate <br> d States <br> of） | Male | 90－94 | 13.66 | 11.31 | 16.48 | $\begin{aligned} & \hline \text { Micrones } \\ & \text { ia } \\ & \text { (Federate } \\ & \text { d States } \\ & \text { of) } \\ & \hline \end{aligned}$ | Female | 85－89 | 18.17 | 15.06 | 21.70 |
| Monaco | Both | $40-44$ years | 1.06 | 0.80 | 1.36 | Monaco | Male | $40-44$ years | 0.56 | 0.41 | 0.74 | Monaco | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 1.51 | 1.14 | 1.95 |
| Monaco | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.82 | 1.44 | 2.25 | Monaco | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.16 | 0.90 | 1.48 | Monaco | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 2.42 | 1.89 | 3.01 |
| Monaco | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.70 | 2.10 | 3.41 | Monaco | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.06 | 1.58 | 2.65 | Monaco | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.32 | 2.58 | 4.15 |
| Monaco | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.95 | 3.15 | 4.76 | Monaco | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.47 | 2.74 | 4.21 | Monaco | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.47 | 3.55 | 5.43 |
| Monaco | Both | 60－64 years | 5.79 | 4.61 | 7.05 | Monaco | Male | 60－64 years | 5.39 | 4.24 | 6.69 | Monaco | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 6.20 | 4.95 | 7.57 |
| Monaco | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 8.98 | 7.32 | 10.83 | Monaco | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 8.20 | 6.58 | 10.00 | Monaco | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.70 | 7.88 | 11.67 |


| Monaco | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 13.18 | 10.47 | 16.18 | Monaco | Male | $70-74$ years | 11.68 | 9.12 | 14.56 | Monaco | Female | $70-74$ years | 14.51 | 11.52 | 18.04 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Monaco | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 17.44 | 14.07 | 21.07 | Monaco | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 15.08 | 12.13 | 18.30 | Monaco | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 19.33 | 15.50 | 23.40 |
| Monaco | Both | All ages | 5.37 | 4.63 | 6.12 | Monaco | Male | All ages | 4.37 | 3.74 | 5.04 | Monaco | Female | All ages | 6.27 | 5.41 | 7.17 |
| Monaco | Both | 80-84 | 21.33 | 17.61 | 25.42 | Monaco | Male | 80-84 | 18.23 | 15.11 | 21.68 | Monaco | Female | 80-84 | 23.87 | 19.51 | 28.80 |
| Monaco | Both | 85-89 | 24.89 | 20.97 | 29.40 | Monaco | Male | 85-89 | 20.80 | 17.54 | 24.48 | Monaco | Female | 85-89 | 27.56 | 23.06 | 32.90 |
| Monaco | Both | 90-94 | 27.55 | 23.55 | 31.83 | Monaco | Male | 90-94 | 22.72 | 19.40 | 26.33 | Monaco | Female | 90-94 | 30.31 | 25.72 | 35.33 |
| Mongolia | Both | 40-44 years | 0.42 | 0.31 | 0.56 | Mongolia | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.37 | 0.27 | 0.50 | Mongolia | Female | $40-44$ <br> years | 0.46 | 0.34 | 0.63 |
| Mongolia | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.88 | 0.67 | 1.11 | Mongolia | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.76 | 0.58 | 0.96 | Mongolia | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.99 | 0.76 | 1.27 |
| Mongolia | Both | $50-54$ years | 1.55 | 1.18 | 2.01 | Mongolia | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.31 | 1.01 | 1.68 | Mongolia | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.77 | 1.33 | 2.30 |
| Mongolia | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.44 | 1.91 | 2.99 | Mongolia | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.05 | 1.65 | 2.53 | Mongolia | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.78 | 2.13 | 3.42 |
| Mongolia | Both | 60-64 years | 3.57 | 2.77 | 4.43 | Mongolia | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.97 | 2.37 | 3.69 | Mongolia | Female | 60-64 years | 4.04 | 3.10 | 5.02 |
| Mongolia | Both | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 5.38 | 4.34 | 6.59 | Mongolia | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.39 | 3.58 | 5.36 | Mongolia | Female | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 6.08 | 4.89 | 7.42 |
| Mongolia | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.73 | 6.02 | 9.75 | Mongolia | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.23 | 4.88 | 7.76 | Mongolia | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 8.73 | 6.75 | 11.08 |
| Mongolia | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.07 | 7.99 | 12.25 | Mongolia | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 8.15 | 6.58 | 9.87 | Mongolia | Female | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.40 | 9.01 | 13.90 |
| Mongolia | Both | All ages | 0.75 | 0.65 | 0.86 | Mongolia | Male | All ages | 0.56 | 0.47 | 0.64 | Mongolia | Female | All ages | 0.94 | 0.81 | 1.08 |
| Mongolia | Both | 80-84 | 12.41 | 10.05 | 15.15 | Mongolia | Male | 80-84 | 10.05 | 8.14 | 12.32 | Mongolia | Female | 80-84 | 13.89 | 11.08 | 16.99 |
| Mongolia | Both | 85-89 | 14.56 | 11.95 | 17.60 | Mongolia | Male | 85-89 | 11.74 | 9.55 | 14.22 | Mongolia | Female | 85-89 | 15.83 | 12.87 | 19.34 |
| Mongolia | Both | 90-94 | 16.57 | 13.73 | 19.84 | Mongolia | Male | 90-94 | 13.29 | 10.92 | 16.05 | Mongolia | Female | 90-94 | 17.25 | 14.22 | 20.74 |
| $\begin{aligned} & \hline \begin{array}{l} \text { Montene } \\ \text { gro } \end{array} \\ & \hline \end{aligned}$ | Both | All ages | 2.55 | 2.20 | 2.93 | $\begin{aligned} & \begin{array}{l} \text { Montene } \\ \text { gro } \end{array} \\ & \hline \end{aligned}$ | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.50 | 0.36 | 0.67 | Montene gro | Female | 40-44 years | 0.58 | 0.42 | 0.79 |
| $\begin{aligned} & \text { Montene } \\ & \text { gro } \\ & \hline \end{aligned}$ | Both | 80-84 | 16.27 | 13.26 | 19.82 | $\begin{aligned} & \text { Montene } \\ & \text { gro } \\ & \hline \end{aligned}$ | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.03 | 0.80 | 1.29 | Montene gro | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.26 | 0.96 | 1.61 |
| $\begin{aligned} & \text { Montene } \\ & \text { gro } \end{aligned}$ | Both | 85-89 | 18.37 | 15.18 | 22.11 | Montene gro | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.81 | 1.37 | 2.32 | Montene gro | Female | $50-54$ years | 2.26 | 1.70 | 2.99 |
| $\begin{aligned} & \text { Montene } \\ & \text { gro } \\ & \hline \end{aligned}$ | Both | 90-94 | 19.87 | 16.60 | 23.65 | $\begin{aligned} & \text { Montene } \\ & \text { gro } \\ & \hline \end{aligned}$ | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.87 | 2.24 | 3.56 | Montene gro | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.59 | 2.75 | 4.46 |
| Montene gro | Both | 40-44 <br> years | 0.54 | 0.39 | 0.73 | Montene <br> gro | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.21 | 3.28 | 5.33 | Montene <br> gro | Female | 60-64 years | 5.31 | 4.12 | 6.61 |
| Montene gro | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.15 | 0.88 | 1.45 | $\begin{aligned} & \text { Montene } \\ & \text { gro } \end{aligned}$ | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 6.28 | 4.99 | 7.81 | Montene gro | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 8.02 | 6.45 | 9.78 |


| $\begin{aligned} & \text { Montene } \\ & \text { gro } \end{aligned}$ | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 2.04 | 1.53 | 2.65 | Montene gro | Male | $\begin{array}{\|l} \hline \begin{array}{l} 70-74 \\ \text { years } \end{array} \\ \hline \end{array}$ | 8.92 | 6.94 | 11.17 | Montene gro | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 11.44 | 8.81 | 14.33 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \hline \begin{array}{l} \text { Montene } \\ \text { gro } \end{array} \\ & \hline \end{aligned}$ | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.24 | 2.51 | 4.00 | $\begin{aligned} & \begin{array}{l} \text { Montene } \\ \text { gro } \end{array} \\ & \hline \end{aligned}$ | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.61 | 9.27 | 14.18 | $\begin{aligned} & \text { Montene } \\ & \text { gro } \\ & \hline \end{aligned}$ | Female | $\begin{aligned} & \begin{array}{l} 75-79 \\ \text { years } \end{array} \end{aligned}$ | 14.72 | 11.74 | 18.12 |
| $\begin{aligned} & \text { Montene } \\ & \text { gro } \end{aligned}$ | Both | 60-64 years | 4.77 | 3.72 | 5.99 | $\begin{aligned} & \text { Montene } \\ & \text { gro } \end{aligned}$ | Male | All ages | 2.02 | 1.71 | 2.34 | $\begin{aligned} & \text { Montene } \\ & \text { gro } \\ & \hline \end{aligned}$ | Female | All ages | 3.07 | 2.63 | 3.55 |
| $\begin{aligned} & \text { Montene } \\ & \text { gro } \end{aligned}$ | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 7.21 | 5.82 | 8.85 | $\begin{aligned} & \text { Montene } \\ & \text { gro } \end{aligned}$ | Male | 80-84 | 14.15 | 11.38 | 17.28 | $\begin{aligned} & \text { Montene } \\ & \text { gro } \end{aligned}$ | Female | 80-84 | 17.61 | 14.28 | 21.54 |
| Montene <br> gro | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.36 | 8.04 | 12.87 | Montene gro | Male | 85-89 | 16.17 | 13.21 | 19.68 | Montene gro | Female | 85-89 | 19.66 | 16.29 | 23.74 |
| $\begin{aligned} & \text { Montene } \\ & \text { gro } \end{aligned}$ | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 13.46 | 10.76 | 16.45 | $\begin{aligned} & \text { Montene } \\ & \text { gro } \end{aligned}$ | Male | 90-94 | 17.74 | 14.66 | 21.16 | $\begin{aligned} & \text { Montene } \\ & \text { gro } \end{aligned}$ | Female | 90-94 | 20.95 | 17.50 | 25.02 |
| Morocco | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.39 | 0.29 | 0.52 | Morocco | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.35 | 0.25 | 0.48 | Morocco | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.43 | 0.32 | 0.59 |
| Morocco | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.83 | 0.64 | 1.04 | Morocco | Male | $\begin{aligned} & \text { 45-49 } \\ & \text { years } \end{aligned}$ | 0.73 | 0.56 | 0.92 | Morocco | Female | $\begin{aligned} & \text { 45-49 } \\ & \text { years } \end{aligned}$ | 0.92 | 0.71 | 1.17 |
| Morocco | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.46 | 1.12 | 1.86 | Morocco | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.27 | 0.97 | 1.63 | Morocco | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.64 | 1.25 | 2.11 |
| Morocco | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.30 | 1.81 | 2.81 | Morocco | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.00 | 1.58 | 2.45 | Morocco | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.59 | 2.02 | 3.19 |
| Morocco | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.34 | 2.64 | 4.13 | Morocco | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.90 | 2.28 | 3.62 | Morocco | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.80 | 2.94 | 4.70 |
| Morocco | Both | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 4.97 | 4.00 | 6.08 | Morocco | Male | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 4.30 | 3.42 | 5.29 | Morocco | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.69 | 4.61 | 6.95 |
| Morocco | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.11 | 5.49 | 9.00 | Morocco | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.09 | 4.64 | 7.65 | Morocco | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 8.12 | 6.28 | 10.39 |
| Morocco | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.37 | 7.53 | 11.41 | Morocco | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.97 | 6.32 | 9.71 | Morocco | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.57 | 8.47 | 12.94 |
| Morocco | Both | All ages | 0.92 | 0.79 | 1.05 | Morocco | Male | All ages | 0.79 | 0.68 | 0.91 | Morocco | Female | All ages | 1.04 | 0.90 | 1.20 |
| Morocco | Both | 80-84 | 11.48 | 9.37 | 14.03 | Morocco | Male | 80-84 | 9.80 | 7.94 | 12.15 | Morocco | Female | 80-84 | 12.86 | 10.47 | 15.79 |
| Morocco | Both | 85-89 | 13.13 | 10.82 | 15.83 | Morocco | Male | 85-89 | 11.42 | 9.33 | 13.84 | Morocco | Female | 85-89 | 14.63 | 12.03 | 17.64 |
| Morocco | Both | 90-94 | 14.31 | 11.91 | 17.06 | Morocco | Male | 90-94 | 12.84 | 10.59 | 15.45 | Morocco | Female | 90-94 | 15.92 | 13.17 | 19.13 |
| $\begin{aligned} & \text { Mozambi } \\ & \text { que } \end{aligned}$ | Both | 80-84 | 11.76 | 9.53 | 14.52 | Mozambi que | Male | $40-44$ years | 0.29 | 0.21 | 0.39 | Mozambi que | Female | 80-84 | 12.88 | 10.39 | 15.92 |
| Mozambi que | Both | 85-89 | 13.67 | 11.19 | 16.49 | Mozambi que | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.64 | 0.49 | 0.81 | Mozambi que | Female | 85-89 | 14.69 | 12.00 | 17.74 |
| $\begin{aligned} & \text { Mozambi } \\ & \text { que } \end{aligned}$ | Both | 90-94 | 15.11 | 12.55 | 18.00 | $\begin{aligned} & \text { Mozambi } \\ & \text { que } \\ & \hline \end{aligned}$ | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.16 | 0.88 | 1.48 | Mozambi que | Female | 90-94 | 15.96 | 13.17 | 18.98 |
| Mozambi que | Both | 40-44 years | 0.33 | 0.24 | 0.44 | Mozambi que | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.85 | 1.45 | 2.28 | Mozambi que | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.37 | 0.26 | 0.50 |
| $\begin{aligned} & \text { Mozambi } \\ & \text { que } \end{aligned}$ | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.73 | 0.55 | 0.93 | Mozambi que | Male | 60-64 years | 2.73 | 2.12 | 3.40 | Mozambi que | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.81 | 0.61 | 1.04 |
| $\begin{aligned} & \text { Mozambi } \\ & \text { que } \end{aligned}$ | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.34 | 1.00 | 1.70 | $\begin{aligned} & \text { Mozambi } \\ & \text { que } \end{aligned}$ | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.07 | 3.22 | 5.03 | Mozambi que | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.49 | 1.10 | 1.93 |


| $\begin{aligned} & \text { Mozambi } \\ & \text { que } \\ & \hline \end{aligned}$ | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.15 | 1.67 | 2.64 | $\begin{aligned} & \text { Mozambi } \\ & \text { que } \end{aligned}$ | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 5.79 | 4.42 | 7.38 | $\begin{aligned} & \text { Mozambi } \\ & \text { que } \end{aligned}$ | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.42 | 1.88 | 3.01 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mozambi que | Both | 60-64 years | 3.19 | 2.48 | 3.98 | Mozambi que | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 7.64 | 6.13 | 9.39 | Mozambi que | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 3.61 | 2.81 | 4.56 |
| Mozambi que | Both | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 4.83 | 3.85 | 5.93 | Mozambi que | Male | All ages | 0.27 | 0.23 | 0.31 | Mozambi que | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.49 | 4.33 | 6.75 |
| Mozambi que | Both | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.02 | 5.36 | 8.86 | $\begin{aligned} & \hline \text { Mozambi } \\ & \text { que } \\ & \hline \end{aligned}$ | Male | 80-84 | 9.46 | 7.62 | 11.72 | $\begin{aligned} & \hline \begin{array}{l} \text { Mozambi } \\ \text { que } \end{array} \\ & \hline \end{aligned}$ | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.93 | 6.03 | 10.09 |
| Mozambi que | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.38 | 7.54 | 11.50 | Mozambi que | Male | 85-89 | 11.01 | 9.00 | 13.29 | Mozambi que | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.47 | 8.34 | 12.82 |
| Mozambi que | Both | All ages | 0.35 | 0.30 | 0.41 | Mozambi que | Male | 90-94 | 12.32 | 10.14 | 14.81 | Mozambi que | Female | All ages | 0.43 | 0.37 | 0.50 |
| Myanmar | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.64 | 0.47 | 0.85 | Myanmar | Male | 80-84 | 12.33 | 10.03 | 15.12 | Myanmar | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.71 | 0.53 | 0.95 |
| Myanmar | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.41 | 1.09 | 1.77 | Myanmar | Male | 85-89 | 13.70 | 11.17 | 16.63 | Myanmar | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.60 | 1.23 | 2.00 |
| Myanmar | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.54 | 1.93 | 3.30 | Myanmar | Male | 90-94 | 14.66 | 12.08 | 17.56 | Myanmar | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 2.91 | 2.18 | 3.79 |
| Myanmar | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.92 | 3.09 | 4.83 | Myanmar | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.55 | 0.40 | 0.74 | Myanmar | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.49 | 3.48 | 5.59 |
| Myanmar | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.51 | 4.28 | 6.84 | Myanmar | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.19 | 0.93 | 1.51 | Myanmar | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.33 | 4.85 | 7.87 |
| Myanmar | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 7.89 | 6.45 | 9.66 | Myanmar | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.11 | 1.62 | 2.73 | Myanmar | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 9.16 | 7.36 | 11.28 |
| Myanmar | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.90 | 8.70 | 13.68 | Myanmar | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.23 | 2.55 | 3.95 | Myanmar | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 12.72 | 10.08 | 16.21 |
| Myanmar | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 13.79 | 11.04 | 16.90 | Myanmar | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.49 | 3.52 | 5.53 | Myanmar | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 16.04 | 12.87 | 19.72 |
| Myanmar | Both | All ages | 1.39 | 1.19 | 1.59 | Myanmar | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 6.25 | 5.08 | 7.62 | Myanmar | Female | All ages | 1.75 | 1.50 | 2.00 |
| Myanmar | Both | 80-84 | 16.33 | 13.39 | 19.74 | Myanmar | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 8.40 | 6.61 | 10.53 | Myanmar | Female | 80-84 | 18.86 | 15.38 | 22.76 |
| Myanmar | Both | 85-89 | 18.14 | 14.92 | 21.69 | Myanmar | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 10.48 | 8.34 | 12.80 | Myanmar | Female | 85-89 | 20.64 | 16.95 | 24.81 |
| Myanmar | Both | 90-94 | 19.34 | 15.98 | 22.94 | Myanmar | Male | All ages | 1.00 | 0.86 | 1.15 | Myanmar | Female | 90-94 | 21.53 | 17.78 | 25.76 |
| Namibia | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.37 | 0.27 | 0.50 | Namibia | Male | 80-84 | 10.31 | 8.27 | 12.67 | Namibia | Female | 80-84 | 15.37 | 12.50 | 18.90 |
| Namibia | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.82 | 0.63 | 1.03 | Namibia | Male | 85-89 | 12.13 | 9.92 | 14.59 | Namibia | Female | 85-89 | 17.63 | 14.50 | 21.36 |
| Namibia | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.51 | 1.15 | 1.93 | Namibia | Male | 90-94 | 13.75 | 11.22 | 16.56 | Namibia | Female | 90-94 | 19.28 | 16.05 | 22.91 |
| Namibia | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.48 | 1.93 | 3.04 | Namibia | Male | $40-44$ years | 0.31 | 0.22 | 0.41 | Namibia | Female | $40-44$ years | 0.42 | 0.30 | 0.57 |
| Namibia | Both | 60-64 years | 3.72 | 2.92 | 4.66 | Namibia | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.68 | 0.52 | 0.86 | Namibia | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.94 | 0.72 | 1.20 |
| Namibia | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.64 | 4.57 | 6.87 | Namibia | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.24 | 0.94 | 1.59 | Namibia | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.75 | 1.33 | 2.24 |


| Namibia | Both | 70-74 years | 8.13 | 6.28 | 10.23 | Namibia | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.01 | 1.57 | 2.45 | Namibia | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.86 | 2.22 | 3.53 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Namibia | Both | $75-79$ <br> years | 10.83 | 8.74 | 13.20 | Namibia | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.97 | 2.32 | 3.70 | Namibia | Female | 60-64 years | 4.30 | 3.34 | 5.41 |
| Namibia | Both | All ages | 0.69 | 0.59 | 0.79 | Namibia | Male | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 4.41 | 3.54 | 5.39 | Namibia | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 6.54 | 5.24 | 8.03 |
| Namibia | Both | 80-84 | 13.58 | 11.06 | 16.67 | Namibia | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.26 | 4.83 | 7.80 | Namibia | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 9.44 | 7.28 | 11.97 |
| Namibia | Both | 85-89 | 15.95 | 13.18 | 19.27 | Namibia | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.26 | 6.60 | 10.01 | Namibia | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 12.46 | 10.04 | 15.26 |
| Namibia | Both | 90-94 | 17.89 | 14.81 | 21.23 | Namibia | Male | All ages | 0.47 | 0.40 | 0.54 | Namibia | Female | All ages | 0.89 | 0.77 | 1.02 |
| Nauru | Both | $\begin{aligned} & 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.61 | 0.45 | 0.80 | Nauru | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.54 | 0.40 | 0.72 | Nauru | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.67 | 0.49 | 0.89 |
| Nauru | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.33 | 1.03 | 1.66 | Nauru | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.17 | 0.91 | 1.47 | Nauru | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.48 | 1.14 | 1.85 |
| Nauru | Both | 50-54 years | 2.37 | 1.81 | 3.03 | Nauru | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.08 | 1.57 | 2.67 | Nauru | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.66 | 2.01 | 3.42 |
| Nauru | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.68 | 2.87 | 4.44 | Nauru | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.18 | 2.50 | 3.89 | Nauru | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.13 | 3.14 | 5.05 |
| Nauru | Both | $\begin{aligned} & 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.23 | 4.14 | 6.45 | Nauru | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.42 | 3.51 | 5.44 | Nauru | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.86 | 4.55 | 7.27 |
| Nauru | Both | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.62 | 6.16 | 9.30 | Nauru | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 6.16 | 4.98 | 7.48 | Nauru | Female | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 8.46 | 6.82 | 10.33 |
| Nauru | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.50 | 8.23 | 12.98 | Nauru | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 8.30 | 6.52 | 10.32 | Nauru | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 11.73 | 9.18 | 14.48 |
| Nauru | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 13.19 | 10.61 | 16.11 | Nauru | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.39 | 8.26 | 12.65 | Nauru | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 14.91 | 11.97 | 18.23 |
| Nauru | Both | All ages | 0.55 | 0.46 | 0.64 | Nauru | Male | All ages | 0.43 | 0.36 | 0.50 | Nauru | Female | All ages | 0.68 | 0.56 | 0.79 |
| Nauru | Both | 80-84 | 13.87 | 11.26 | 16.82 | Nauru | Male | 80-84 | 12.29 | 9.88 | 14.98 | Nauru | Female | 80-84 | 17.73 | 14.44 | 21.52 |
| Nauru | Both | 85-89 | 15.60 | 12.94 | 18.63 | Nauru | Male | 85-89 | 13.74 | 11.33 | 16.60 | Nauru | Female | 85-89 | 19.64 | 16.11 | 23.50 |
| Nauru | Both | 90-94 | 18.14 | 15.03 | 21.70 | Nauru | Male | 90-94 | 14.84 | 12.29 | 17.92 | Nauru | Female | 90-94 | 20.78 | 17.15 | 24.81 |
| Nepal | Both | 40-44 years | 0.33 | 0.24 | 0.45 | Nepal | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.29 | 0.21 | 0.39 | Nepal | Female | $40-44$ years | 0.37 | 0.27 | 0.49 |
| Nepal | Both | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.70 | 0.55 | 0.88 | Nepal | Male | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.61 | 0.47 | 0.78 | Nepal | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.78 | 0.60 | 0.98 |
| Nepal | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.23 | 0.93 | 1.56 | Nepal | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.06 | 0.81 | 1.36 | Nepal | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.38 | 1.04 | 1.76 |
| Nepal | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.92 | 1.48 | 2.33 | Nepal | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.66 | 1.30 | 2.03 | Nepal | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.17 | 1.66 | 2.65 |
| Nepal | Both | 60-64 years | 2.79 | 2.18 | 3.47 | Nepal | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.40 | 1.89 | 3.00 | Nepal | Female | 60-64 years | 3.16 | 2.41 | 3.92 |
| Nepal | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.14 | 3.32 | 5.10 | Nepal | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.53 | 2.81 | 4.38 | Nepal | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.69 | 3.78 | 5.78 |


| Nepal | Both | $70-74$ years | 5.85 | 4.48 | 7.29 | Nepal | Male | $\begin{array}{\|l\|} \hline 70-74 \\ \text { years } \\ \hline \end{array}$ | 4.99 | 3.79 | 6.33 | Nepal | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.67 | 5.11 | 8.33 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Nepal | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 7.65 | 6.16 | 9.35 | Nepal | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 6.55 | 5.23 | 7.99 | Nepal | Female | $\begin{aligned} & \begin{array}{l} 75-79 \\ \text { years } \end{array} \end{aligned}$ | 8.69 | 6.86 | 10.66 |
| Nepal | Both | All ages | 0.64 | 0.55 | 0.74 | Nepal | Male | All ages | 0.55 | 0.47 | 0.64 | Nepal | Female | All ages | 0.71 | 0.61 | 0.83 |
| Nepal | Both | 80-84 | 9.41 | 7.56 | 11.55 | Nepal | Male | 80-84 | 8.11 | 6.49 | 9.92 | Nepal | Female | 80-84 | 10.60 | 8.50 | 13.06 |
| Nepal | Both | 85-89 | 10.93 | 8.91 | 13.13 | Nepal | Male | 85-89 | 9.49 | 7.72 | 11.47 | Nepal | Female | 85-89 | 12.13 | 9.92 | 14.70 |
| Nepal | Both | 90-94 | 12.23 | 10.04 | 14.64 | Nepal | Male | 90-94 | 10.73 | 8.70 | 12.90 | Nepal | Female | 90-94 | 13.33 | 10.98 | 16.06 |
| Netherla nds | Both | All ages | 4.05 | 3.50 | 4.63 | Netherla nds | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.56 | 0.40 | 0.74 | Netherla nds | Female | All ages | 4.75 | 4.10 | 5.39 |
| Netherla nds | Both | 80-84 | 20.11 | 16.64 | 24.07 | Netherla nds | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.16 | 0.90 | 1.45 | Netherla nds | Female | 80-84 | 22.33 | 18.41 | 26.70 |
| Netherla nds | Both | 85-89 | 23.05 | 19.24 | 27.53 | Netherla nds | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 2.06 | 1.58 | 2.61 | Netherla nds | Female | 85-89 | 25.33 | 21.10 | 30.15 |
| Netherla nds | Both | 90-94 | 25.26 | 21.24 | 29.60 | Netherla nds | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.44 | 2.70 | 4.22 | Netherla nds | Female | 90-94 | 27.30 | 22.94 | 32.13 |
| Netherla nds | Both | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 1.02 | 0.76 | 1.33 | Netherla nds | Male | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 5.29 | 4.16 | 6.64 | Netherla nds | Female | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 1.46 | 1.09 | 1.92 |
| Netherla nds | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.76 | 1.38 | 2.18 | Netherla nds | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.02 | 6.49 | 10.01 | Netherla nds | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.35 | 1.85 | 2.93 |
| Netherla nds | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.65 | 2.06 | 3.31 | Netherla nds | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 11.33 | 8.80 | 14.48 | Netherla nds | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 3.23 | 2.51 | 4.06 |
| Netherla nds | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.89 | 3.11 | 4.75 | Netherla nds | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 14.42 | 11.54 | 18.02 | Netherla nds | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.34 | 3.45 | 5.33 |
| Netherla nds | Both | 60-64 years | 5.66 | 4.51 | 6.97 | Netherla nds | Male | All ages | 3.30 | 2.82 | 3.89 | Netherla nds | Female | 60-64 years | 6.01 | 4.83 | 7.36 |
| Netherla nds | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 8.72 | 7.11 | 10.54 | Netherla nds | Male | 80-84 | 17.13 | 14.03 | 20.73 | Netherla nds | Female | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 9.40 | 7.68 | 11.34 |
| Netherla nds | Both | $70-74$ years | 12.70 | 9.93 | 15.99 | Netherla nds | Male | 85-89 | 19.12 | 15.88 | 22.90 | Netherla nds | Female | $70-74$ years | 14.00 | 10.94 | 17.51 |
| Netherla nds | Both | $\begin{aligned} & \begin{array}{l} 75-79 \\ \text { years } \end{array} \end{aligned}$ | 16.54 | 13.39 | 20.33 | Netherla nds | Male | 90-94 | 20.37 | 16.95 | 24.20 | Netherla nds | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 18.40 | 14.84 | 22.35 |
| New <br> Zealand | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.56 | 2.02 | 3.10 | New <br> Zealand | Male | $40-44$ <br> years | 0.27 | 0.19 | 0.37 | New <br> Zealand | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.19 | 2.51 | 3.86 |
| New <br> Zealand | Both | $60-64$ years | 3.72 | 2.97 | 4.56 | New <br> Zealand | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.60 | 0.46 | 0.77 | New <br> Zealand | Female | 60-64 years | 4.52 | 3.59 | 5.51 |
| New <br> Zealand | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.58 | 4.52 | 6.76 | New <br> Zealand | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.11 | 0.85 | 1.44 | New <br> Zealand | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 6.84 | 5.53 | 8.26 |
| New <br> Zealand | Both | $70-74$ years | 7.98 | 6.21 | 9.96 | New <br> Zealand | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.87 | 1.47 | 2.29 | New <br> Zealand | Female | $70-74$ years | 9.90 | 7.75 | 12.37 |
| New <br> Zealand | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 10.50 | 8.46 | 12.66 | New <br> Zealand | Male | $60-64$ years | 2.86 | 2.24 | 3.60 | New <br> Zealand | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 13.12 | 10.51 | 15.92 |
| New <br> Zealand | Both | All ages | 2.32 | 2.00 | 2.64 | New Zealand | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.25 | 3.40 | 5.25 | New <br> Zealand | Female | All ages | 2.99 | 2.57 | 3.41 |


| New Zealand | Both | 80-84 | 13.02 | 10.59 | 15.79 | New Zealand | Male | $70-74$ years | 5.92 | 4.56 | 7.46 | New Zealand | Female | 80-84 | 16.25 | 13.27 | 19.61 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| New <br> Zealand | Both | 85-89 | 15.27 | 12.71 | 18.23 | $\begin{aligned} & \hline \text { New } \\ & \text { Zealand } \end{aligned}$ | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 7.56 | 5.97 | 9.30 | $\begin{aligned} & \hline \text { New } \\ & \text { Zealand } \end{aligned}$ | Female | 85-89 | 18.73 | 15.56 | 22.33 |
| New <br> Zealand | Both | 90-94 | 17.28 | 14.37 | 20.52 | New <br> Zealand | Male | All ages | 1.60 | 1.37 | 1.85 | New <br> Zealand | Female | 90-94 | 20.54 | 17.10 | 24.46 |
| $\begin{aligned} & \text { New } \\ & \text { Zealand } \end{aligned}$ | Both | $\begin{aligned} & 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.55 | 0.41 | 0.73 | $\begin{aligned} & \text { New } \\ & \text { Zealand } \end{aligned}$ | Male | 80-84 | 9.08 | 7.31 | 11.24 | New <br> Zealand | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.80 | 0.60 | 1.05 |
| New <br> Zealand | Both | $\begin{aligned} & \text { 45-49 } \\ & \text { years } \end{aligned}$ | 1.05 | 0.82 | 1.32 | $\begin{aligned} & \text { New } \\ & \text { Zealand } \end{aligned}$ | Male | 85-89 | 10.43 | 8.54 | 12.68 | $\begin{aligned} & \text { New } \\ & \text { Zealand } \end{aligned}$ | Female | $\begin{aligned} & \text { 45-49 } \\ & \text { years } \end{aligned}$ | 1.44 | 1.12 | 1.79 |
| $\begin{aligned} & \text { New } \\ & \text { Zealand } \end{aligned}$ | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.69 | 1.31 | 2.13 | $\begin{aligned} & \text { New } \\ & \text { Zealand } \end{aligned}$ | Male | 90-94 | 11.63 | 9.53 | 13.90 | $\begin{aligned} & \text { New } \\ & \text { Zealand } \end{aligned}$ | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.21 | 1.71 | 2.77 |
| Nicaragu a | Both | 80-84 | 11.72 | 9.59 | 14.34 | $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Male | $40-44$ <br> years | 0.28 | 0.19 | 0.38 | Nicaragu a | Female | 80-84 | 13.26 | 10.86 | 16.21 |
| $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Both | 85-89 | 13.27 | 10.87 | 16.03 | $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.56 | 0.43 | 0.72 | $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Female | 85-89 | 14.80 | 12.09 | 17.98 |
| Nicaragu <br> a | Both | 90-94 | 14.34 | 11.94 | 17.11 | $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 0.98 | 0.73 | 1.26 | Nicaragu <br> a | Female | 90-94 | 15.71 | 13.06 | 18.76 |
| $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.32 | 0.23 | 0.44 | $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.57 | 1.22 | 1.93 | $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.37 | 0.26 | 0.50 |
| $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.68 | 0.52 | 0.86 | $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.39 | 1.86 | 3.00 | $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.78 | 0.60 | 0.99 |
| $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.20 | 0.91 | 1.52 | $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 3.87 | 3.08 | 4.80 | $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.38 | 1.05 | 1.78 |
| $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.93 | 1.50 | 2.35 | $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.84 | 4.48 | 7.41 | $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.23 | 1.73 | 2.77 |
| $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.95 | 2.32 | 3.66 | $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 7.79 | 6.27 | 9.60 | $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.42 | 2.67 | 4.26 |
| $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.77 | 3.80 | 5.84 | $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Male | All ages | 0.52 | 0.44 | 0.60 | $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.52 | 4.36 | 6.78 |
| $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.19 | 5.61 | 9.03 | $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Male | 80-84 | 9.54 | 7.71 | 11.61 | $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.28 | 6.39 | 10.45 |
| $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.58 | 7.72 | 11.68 | $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Male | 85-89 | 10.90 | 8.85 | 13.17 | $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \end{aligned}$ | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.95 | 8.76 | 13.49 |
| $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \\ & \hline \end{aligned}$ | Both | All ages | 0.69 | 0.59 | 0.79 | $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \\ & \hline \end{aligned}$ | Male | 90-94 | 11.97 | 9.85 | 14.46 | $\begin{aligned} & \text { Nicaragu } \\ & \text { a } \\ & \hline \end{aligned}$ | Female | All ages | 0.85 | 0.73 | 0.98 |
| Niger | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.64 | 4.32 | 7.05 | Niger | Male | $40-44$ years | 0.26 | 0.19 | 0.35 | Niger | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.27 | 4.77 | 7.81 |
| Niger | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.46 | 6.04 | 9.02 | Niger | Male | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.57 | 0.44 | 0.72 | Niger | Female | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.29 | 6.68 | 10.06 |
| Niger | Both | All ages | 0.26 | 0.22 | 0.30 | Niger | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.02 | 0.78 | 1.31 | Niger | Female | All ages | 0.29 | 0.25 | 0.33 |
| Niger | Both | 80-84 | 9.28 | 7.50 | 11.37 | Niger | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.64 | 1.29 | 2.01 | Niger | Female | 80-84 | 10.27 | 8.26 | 12.66 |
| Niger | Both | 85-89 | 10.81 | 8.83 | 12.96 | Niger | Male | 60-64 years | 2.41 | 1.88 | 3.00 | Niger | Female | 85-89 | 11.89 | 9.63 | 14.38 |
| Niger | Both | 90-94 | 12.11 | 9.88 | 14.64 | Niger | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.54 | 2.82 | 4.35 | Niger | Female | 90-94 | 13.16 | 10.61 | 15.96 |


| Niger | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.28 | 0.20 | 0.38 | Niger | Male | 70-74 years | 4.99 | 3.86 | 6.28 | Niger | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.30 | 0.22 | 0.41 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Niger | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.62 | 0.48 | 0.79 | Niger | Male | $\begin{aligned} & \hline 75-79 \\ & \text { vears } \end{aligned}$ | 6.58 | 5.32 | 7.98 | Niger | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.66 | 0.50 | 0.85 |
| Niger | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.12 | 0.84 | 1.43 | Niger | Male | All ages | 0.23 | 0.20 | 0.26 | Niger | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.21 | 0.90 | 1.57 |
| Niger | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.80 | 1.40 | 2.19 | Niger | Male | 80-84 | 8.20 | 6.62 | 10.03 | Niger | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.95 | 1.51 | 2.42 |
| Niger | Both | 60-64 years | 2.65 | 2.07 | 3.31 | Niger | Male | 85-89 | 9.62 | 7.87 | 11.61 | Niger | Female | 60-64 years | 2.90 | 2.26 | 3.64 |
| Niger | Both | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.97 | 3.17 | 4.88 | Niger | Male | 90-94 | 10.87 | 8.86 | 13.23 | Niger | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.37 | 3.49 | 5.38 |
| Nigeria | Both | 40-44 years | 0.26 | 0.19 | 0.35 | Nigeria | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.24 | 0.17 | 0.32 | Nigeria | Female | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.28 | 0.20 | 0.37 |
| Nigeria | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.60 | 0.46 | 0.76 | Nigeria | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.55 | 0.42 | 0.70 | Nigeria | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.64 | 0.49 | 0.82 |
| Nigeria | Both | 50-54 years | 1.13 | 0.86 | 1.45 | Nigeria | Male | $50-54$ years | 1.03 | 0.78 | 1.32 | Nigeria | Female | 50-54 years | 1.21 | 0.92 | 1.55 |
| Nigeria | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.85 | 1.45 | 2.25 | Nigeria | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.67 | 1.31 | 2.04 | Nigeria | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.99 | 1.56 | 2.42 |
| Nigeria | Both | 60-64 years | 2.77 | 2.18 | 3.41 | Nigeria | Male | 60-64 years | 2.48 | 1.95 | 3.07 | Nigeria | Female | 60-64 years | 3.00 | 2.35 | 3.70 |
| Nigeria | Both | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.11 | 3.31 | 5.02 | Nigeria | Male | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 3.65 | 2.95 | 4.47 | Nigeria | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.50 | 3.64 | 5.50 |
| Nigeria | Both | 70-74 years | 5.77 | 4.46 | 7.23 | Nigeria | Male | 70-74 years | 5.14 | 3.98 | 6.46 | Nigeria | Female | 70-74 years | 6.43 | 4.97 | 8.02 |
| Nigeria | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.64 | 6.15 | 9.28 | Nigeria | Male | $\begin{aligned} & \begin{array}{l} 75-79 \\ \text { years } \end{array} \end{aligned}$ | 6.77 | 5.45 | 8.27 | Nigeria | Female | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.47 | 6.81 | 10.35 |
| Nigeria | Both | All ages | 0.33 | 0.28 | 0.37 | Nigeria | Male | All ages | 0.29 | 0.25 | 0.33 | Nigeria | Female | All ages | 0.36 | 0.31 | 0.41 |
| Nigeria | Both | 80-84 | 9.45 | 7.69 | 11.60 | Nigeria | Male | 80-84 | 8.44 | 6.86 | 10.36 | Nigeria | Female | 80-84 | 10.51 | 8.56 | 12.89 |
| Nigeria | Both | 85-89 | 11.13 | 9.18 | 13.36 | Nigeria | Male | 85-89 | 10.03 | 8.28 | 12.02 | Nigeria | Female | 85-89 | 12.32 | 10.14 | 14.84 |
| Nigeria | Both | 90-94 | 12.83 | 10.56 | 15.35 | Nigeria | Male | 90-94 | 11.57 | 9.54 | 13.86 | Nigeria | Female | 90-94 | 13.92 | 11.49 | 16.61 |
| Niue | Both | 80-84 | 15.59 | 12.72 | 18.73 | Niue | Male | 80-84 | 12.27 | 10.07 | 14.77 | Niue | Female | 40-44 <br> years | 0.66 | 0.49 | 0.88 |
| Niue | Both | 85-89 | 17.50 | 14.55 | 20.87 | Niue | Male | 85-89 | 13.74 | 11.45 | 16.54 | Niue | Female | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.47 | 1.13 | 1.87 |
| Niue | Both | 90-94 | 18.88 | 15.74 | 22.42 | Niue | Male | 90-94 | 14.87 | 12.34 | 17.74 | Niue | Female | 50-54 years | 2.67 | 2.05 | 3.45 |
| Niue | Both | 40-44 years | 0.60 | 0.44 | 0.80 | Niue | Male | $40-44$ years | 0.54 | 0.40 | 0.73 | Niue | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.17 | 3.23 | 5.12 |
| Niue | Both | $\begin{aligned} & \hline 45-49 \\ & \text { vears } \end{aligned}$ | 1.32 | 1.02 | 1.67 | Niue | Male | $\begin{aligned} & \hline 45-49 \\ & \text { vears } \end{aligned}$ | 1.16 | 0.89 | 1.47 | Niue | Female | 60-64 <br> years | 5.94 | 4.61 | 7.37 |
| Niue | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.36 | 1.80 | 3.03 | Niue | Male | $50-54$ years | 2.06 | 1.57 | 2.65 | Niue | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 8.54 | 6.93 | 10.47 |


| Niue | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.64 | 2.85 | 4.48 | Niue | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.18 | 2.49 | 3.87 | Niue | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 11.77 | 9.04 | 14.67 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Niue | Both | 60-64 years | 5.17 | 4.06 | 6.37 | Niue | Male | 60-64 years | 4.46 | 3.49 | 5.50 | Niue | Female | $\begin{aligned} & \begin{array}{l} 75-79 \\ \text { years } \end{array} \end{aligned}$ | 14.91 | 11.80 | 18.12 |
| Niue | Both | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 7.47 | 6.07 | 9.10 | Niue | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 6.21 | 5.07 | 7.58 | Niue | Female | All ages | 2.70 | 2.32 | 3.09 |
| Niue | Both | $70-74$ years | 10.39 | 8.05 | 12.93 | Niue | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.32 | 6.58 | 10.41 | Niue | Female | 80-84 | 17.72 | 14.30 | 21.39 |
| Niue | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 13.20 | 10.55 | 15.97 | Niue | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.38 | 8.37 | 12.64 | Niue | Female | 85-89 | 19.66 | 16.22 | 23.65 |
| Niue | Both | All ages | 2.16 | 1.87 | 2.46 | Niue | Male | All ages | 1.61 | 1.39 | 1.84 | Niue | Female | 90-94 | 20.84 | 17.28 | 24.74 |
| North Macedon ia | Both | $40-44$ years | 0.48 | 0.35 | 0.65 | North Macedon ia | Male | $40-44$ years | 0.45 | 0.33 | 0.61 | North Macedon ia | Female | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.52 | 0.38 | 0.69 |
| North Macedon ia | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.03 | 0.79 | 1.28 | North Macedon ia | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.93 | 0.72 | 1.18 | North Macedon ia | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.12 | 0.85 | 1.42 |
| North Macedon ia | Both | 50-54 years | 1.81 | 1.38 | 2.31 | North Macedon ia | Male | $50-54$ years | 1.63 | 1.24 | 2.09 | North Macedon ia | Female | 50-54 years | 2.01 | 1.51 | 2.57 |
| North <br> Macedon <br> ia | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.87 | 2.27 | 3.47 | North <br> Macedon <br> ia | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.56 | 2.02 | 3.15 | North Macedon ia | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.19 | 2.48 | 3.92 |
| North Macedon ia | Both | $60-64$ years | 4.23 | 3.34 | 5.23 | North Macedon ia | Male | $60-64$ years | 3.75 | 2.95 | 4.64 | North Macedon ia | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 4.71 | 3.69 | 5.84 |
| North Macedon ia | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 6.35 | 5.13 | 7.75 | North Macedon ia | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.58 | 4.47 | 6.81 | North Macedon ia | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 7.08 | 5.70 | 8.63 |
| North Macedon ia | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 9.07 | 7.06 | 11.37 | North Macedon ia | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.90 | 6.14 | 9.87 | North Macedon ia | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 10.06 | 7.82 | 12.74 |
| North Macedon ia | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 11.82 | 9.44 | 14.56 | North Macedon ia | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 10.31 | 8.18 | 12.60 | North Macedon ia | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 13.02 | 10.39 | 16.09 |
| North <br> Macedon <br> ia | Both | All ages | 2.07 | 1.77 | 2.37 | North Macedon ia | Male | All ages | 1.71 | 1.46 | 1.96 | North Macedon ia | Female | All ages | 2.43 | 2.07 | 2.79 |
| North Macedon ia | Both | 80-84 | 14.43 | 11.74 | 17.71 | North Macedon ia | Male | 80-84 | 12.62 | 10.16 | 15.54 | North Macedon ia | Female | 80-84 | 15.72 | 12.64 | 19.12 |
| North Macedon ia | Both | 85-89 | 16.43 | 13.49 | 19.90 | North <br> Macedon <br> ia | Male | 85-89 | 14.53 | 11.85 | 17.64 | North Macedon ia | Female | 85-89 | 17.68 | 14.53 | 21.52 |
| North Macedon ia | Both | 90-94 | 17.84 | 14.85 | 21.35 | North Macedon ia | Male | 90-94 | 16.11 | 13.18 | 19.42 | North Macedon ia | Female | 90-94 | 18.96 | 15.67 | 22.71 |
| Northern Mariana Islands | Both | 40-44 years | 0.55 | 0.41 | 0.73 | Northern Mariana Islands | Male | $40-44$ years | 0.49 | 0.36 | 0.66 | Northern Mariana Islands | Female | 40-44 years | 0.59 | 0.44 | 0.79 |


| Northern Mariana Islands | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.13 | 0.88 | 1.40 | Northern Mariana Islands | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.04 | 0.81 | 1.30 | Northern Mariana Islands | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.30 | 1.01 | 1.64 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Northern <br> Mariana <br> Islands | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 2.14 | 1.64 | 2.74 | Northern <br> Mariana <br> Islands | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.83 | 1.40 | 2.33 | Northern <br> Mariana <br> Islands | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 2.36 | 1.79 | 3.04 |
| Northern Mariana Islands | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.18 | 2.51 | 3.84 | Northern Mariana Islands | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.84 | 2.25 | 3.46 | Northern Mariana Islands | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.70 | 2.92 | 4.53 |
| Northern <br> Mariana <br> Islands | Both | $60-64$ years | 4.72 | 3.74 | 5.82 | Northern <br> Mariana <br> Islands | Male | $60-64$ years | 4.02 | 3.18 | 4.97 | Northern <br> Mariana <br> Islands | Female | $60-64$ years | 5.33 | 4.19 | 6.59 |
| Northern Mariana Islands | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 6.53 | 5.30 | 7.94 | Northern Mariana Islands | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.60 | 4.51 | 6.91 | Northern Mariana Islands | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 7.66 | 6.17 | 9.28 |
| Northern Mariana Islands | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 9.10 | 7.15 | 11.19 | Northern Mariana Islands | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.50 | 5.92 | 9.31 | Northern Mariana Islands | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 10.56 | 8.31 | 12.97 |
| Northern Mariana Islands | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 11.32 | 9.15 | 13.70 | Northern Mariana Islands | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 9.41 | 7.56 | 11.48 | Northern Mariana Islands | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 13.47 | 10.86 | 16.31 |
| Northern Mariana Islands | Both | All ages | 1.72 | 1.47 | 2.00 | Northern Mariana Islands | Male | All ages | 1.48 | 1.25 | 1.72 | Northern Mariana Islands | Female | All ages | 1.98 | 1.68 | 2.28 |
| Northern Mariana Islands | Both | 80-84 | 14.18 | 11.58 | 17.15 | Northern Mariana Islands | Male | 80-84 | 11.24 | 9.19 | 13.65 | Northern Mariana Islands | Female | 80-84 | 16.21 | 13.18 | 19.58 |
| Northern <br> Mariana <br> Islands | Both | 85-89 | 15.97 | 13.31 | 19.26 | Northern <br> Mariana <br> Islands | Male | 85-89 | 12.80 | 10.58 | 15.45 | Northern Mariana Islands | Female | 85-89 | 18.31 | 15.24 | 22.15 |
| Northern Mariana Islands | Both | 90-94 | 17.40 | 14.45 | 20.57 | Northern Mariana Islands | Male | 90-94 | 14.17 | 11.71 | 16.84 | Northern Mariana Islands | Female | 90-94 | 19.86 | 16.51 | 23.54 |
| Norway | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.96 | 0.72 | 1.25 | Norway | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.48 | 0.35 | 0.63 | Norway | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.46 | 1.10 | 1.87 |
| Norway | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.76 | 1.39 | 2.17 | Norway | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.06 | 0.82 | 1.33 | Norway | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.49 | 1.98 | 3.06 |
| Norway | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.79 | 2.16 | 3.48 | Norway | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.97 | 1.51 | 2.51 | Norway | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.64 | 2.84 | 4.58 |
| Norway | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 4.18 | 3.32 | 5.03 | Norway | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.34 | 2.64 | 4.02 | Norway | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 5.05 | 4.01 | 6.10 |
| Norway | Both | 60-64 years | 6.10 | 4.89 | 7.44 | Norway | Male | 60-64 years | 5.17 | 4.10 | 6.38 | Norway | Female | 60-64 years | 7.04 | 5.67 | 8.57 |
| Norway | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 9.32 | 7.62 | 11.25 | Norway | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.78 | 6.30 | 9.44 | Norway | Female | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 10.85 | 8.90 | 13.01 |
| Norway | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 13.47 | 10.58 | 16.53 | Norway | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 10.91 | 8.49 | 13.54 | Norway | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 15.93 | 12.52 | 19.72 |
| Norway | Both | $\begin{aligned} & \begin{array}{l} 75-79 \\ \text { years } \end{array} \end{aligned}$ | 17.62 | 14.25 | 21.35 | Norway | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 13.91 | 11.26 | 16.92 | Norway | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 20.89 | 16.95 | 25.24 |
| Norway | Both | All ages | 3.87 | 3.36 | 4.40 | Norway | Male | All ages | 2.82 | 2.42 | 3.24 | Norway | Female | All ages | 4.90 | 4.25 | 5.55 |


| Norway | Both | 80-84 | 21.57 | 17.94 | 25.77 | Norway | Male | 80-84 | 16.61 | 13.68 | 20.05 | Norway | Female | 80-84 | 25.31 | 20.97 | 30.07 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Norway | Both | 85-89 | 24.69 | 20.57 | 29.30 | Norway | Male | 85-89 | 18.60 | 15.50 | 22.18 | Norway | Female | 85-89 | 28.47 | 23.86 | 33.66 |
| Norway | Both | 90-94 | 27.08 | 22.95 | 31.58 | Norway | Male | 90-94 | 19.96 | 16.71 | 23.57 | Norway | Female | 90-94 | 30.42 | 25.86 | 35.43 |
| Oman | Both | 40-44 years | 0.40 | 0.29 | 0.53 | Oman | Male | 40-44 years | 0.37 | 0.26 | 0.50 | Oman | Female | $40-44$ years | 0.46 | 0.33 | 0.62 |
| Oman | Both | $\begin{aligned} & \text { 45-49 } \\ & \text { years } \\ & \hline \end{aligned}$ | 0.84 | 0.66 | 1.06 | Oman | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.77 | 0.60 | 0.98 | Oman | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.99 | 0.76 | 1.24 |
| Oman | Both | 50-54 years | 1.50 | 1.15 | 1.93 | Oman | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.37 | 1.03 | 1.77 | Oman | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.78 | 1.34 | 2.28 |
| Oman | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.40 | 1.87 | 2.92 | Oman | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.16 | 1.68 | 2.67 | Oman | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.81 | 2.21 | 3.47 |
| Oman | Both | 60-64 years | 3.57 | 2.79 | 4.44 | Oman | Male | 60-64 years | 3.15 | 2.45 | 3.95 | Oman | Female | 60-64 years | 4.14 | 3.20 | 5.16 |
| Oman | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.45 | 4.41 | 6.70 | Oman | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.66 | 3.73 | 5.72 | Oman | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.20 | 5.00 | 7.56 |
| Oman | Both | 70-74 years | 7.68 | 5.97 | 9.58 | Oman | Male | 70-74 years | 6.64 | 5.14 | 8.30 | Oman | Female | $70-74$ years | 8.86 | 6.83 | 11.11 |
| Oman | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 10.09 | 8.04 | 12.34 | Oman | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 8.77 | 7.06 | 10.68 | Oman | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 11.61 | 9.25 | 14.20 |
| Oman | Both | All ages | 0.41 | 0.35 | 0.47 | Oman | Male | All ages | 0.33 | 0.28 | 0.39 | Oman | Female | All ages | 0.54 | 0.46 | 0.62 |
| Oman | Both | 80-84 | 12.60 | 10.24 | 15.23 | Oman | Male | 80-84 | 10.96 | 8.82 | 13.34 | Oman | Female | 80-84 | 14.29 | 11.61 | 17.24 |
| Oman | Both | 85-89 | 15.15 | 12.67 | 18.04 | Oman | Male | 85-89 | 12.96 | 10.68 | 15.62 | Oman | Female | 85-89 | 16.51 | 13.72 | 19.67 |
| Oman | Both | 90-94 | 16.83 | 14.04 | 19.91 | Oman | Male | 90-94 | 14.77 | 12.22 | 17.53 | Oman | Female | 90-94 | 18.27 | 15.20 | 21.63 |
| Pakistan | Both | 40-44 years | 0.34 | 0.25 | 0.45 | Pakistan | Male | $40-44$ years | 0.27 | 0.19 | 0.36 | Pakistan | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.42 | 0.30 | 0.55 |
| Pakistan | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.77 | 0.59 | 0.97 | Pakistan | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.58 | 0.45 | 0.74 | Pakistan | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.95 | 0.73 | 1.20 |
| Pakistan | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.39 | 1.05 | 1.77 | Pakistan | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.05 | 0.79 | 1.34 | Pakistan | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.76 | 1.33 | 2.27 |
| Pakistan | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.19 | 1.71 | 2.68 | Pakistan | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.66 | 1.30 | 2.04 | Pakistan | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.81 | 2.19 | 3.45 |
| Pakistan | Both | 60-64 years | 3.21 | 2.53 | 3.98 | Pakistan | Male | $60-64$ years | 2.41 | 1.91 | 2.99 | Pakistan | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.10 | 3.21 | 5.09 |
| Pakistan | Both | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 4.78 | 3.87 | 5.84 | Pakistan | Male | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.53 | 2.85 | 4.36 | Pakistan | Female | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.10 | 4.95 | 7.51 |
| Pakistan | Both | $70-74$ years | 6.76 | 5.23 | 8.49 | Pakistan | Male | $70-74$ years | 4.97 | 3.85 | 6.23 | Pakistan | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 8.68 | 6.69 | 10.93 |
| Pakistan | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.89 | 7.11 | 10.80 | Pakistan | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 6.52 | 5.18 | 7.95 | Pakistan | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.32 | 8.99 | 13.81 |
| Pakistan | Both | All ages | 0.48 | 0.41 | 0.55 | Pakistan | Male | All ages | 0.36 | 0.31 | 0.42 | Pakistan | Female | All ages | 0.60 | 0.51 | 0.68 |


| Pakistan | Both | 80-84 | 10.96 | 8.96 | 13.42 | Pakistan | Male | 80-84 | 8.10 | 6.58 | 9.95 | Pakistan | Female | 80-84 | 13.79 | 11.24 | 16.86 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Pakistan | Both | 85-89 | 12.71 | 10.50 | 15.35 | Pakistan | Male | 85-89 | 9.57 | 7.81 | 11.46 | Pakistan | Female | 85-89 | 15.66 | 12.88 | 19.10 |
| Pakistan | Both | 90-94 | 14.19 | 11.80 | 16.84 | Pakistan | Male | 90-94 | 10.99 | 9.04 | 13.20 | Pakistan | Female | 90-94 | 17.02 | 14.14 | 20.20 |
| Palau | Both | $40-44$ years | 0.59 | 0.45 | 0.77 | Palau | Male | 40-44 years | 0.54 | 0.40 | 0.72 | Palau | Female | $40-44$ years | 0.66 | 0.50 | 0.87 |
| Palau | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.30 | 1.01 | 1.64 | Palau | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.16 | 0.89 | 1.47 | Palau | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.47 | 1.15 | 1.86 |
| Palau | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.34 | 1.78 | 3.00 | Palau | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.06 | 1.54 | 2.67 | Palau | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.66 | 2.05 | 3.45 |
| Palau | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.64 | 2.88 | 4.42 | Palau | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.17 | 2.50 | 3.85 | Palau | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.14 | 3.25 | 5.13 |
| Palau | Both | 60-64 years | 5.15 | 4.06 | 6.33 | Palau | Male | 60-64 years | 4.44 | 3.50 | 5.43 | Palau | Female | 60-64 years | 5.88 | 4.60 | 7.31 |
| Palau | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.36 | 5.97 | 8.92 | Palau | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.18 | 4.99 | 7.43 | Palau | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.48 | 6.80 | 10.42 |
| Palau | Both | $70-74$ years | 10.08 | 7.83 | 12.52 | Palau | Male | $70-74$ years | 8.30 | 6.49 | 10.28 | Palau | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 11.72 | 9.02 | 14.54 |
| Palau | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 12.93 | 10.34 | 15.77 | Palau | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 10.40 | 8.32 | 12.81 | Palau | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 14.89 | 11.91 | 18.17 |
| Palau | Both | All ages | 1.81 | 1.54 | 2.08 | Palau | Male | All ages | 1.41 | 1.20 | 1.63 | Palau | Female | All ages | 2.27 | 1.94 | 2.62 |
| Palau | Both | 80-84 | 15.49 | 12.73 | 18.83 | Palau | Male | 80-84 | 12.33 | 9.97 | 15.18 | Palau | Female | 80-84 | 17.73 | 14.53 | 21.54 |
| Palau | Both | 85-89 | 17.11 | 14.12 | 20.56 | Palau | Male | 85-89 | 13.84 | 11.30 | 16.78 | Palau | Female | 85-89 | 19.75 | 16.32 | 23.82 |
| Palau | Both | 90-94 | 18.35 | 15.21 | 21.74 | Palau | Male | 90-94 | 15.02 | 12.31 | 17.93 | Palau | Female | 90-94 | 21.03 | 17.55 | 24.88 |
| Palestine | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.39 | 0.28 | 0.52 | Palestine | Male | All ages | 0.42 | 0.35 | 0.48 | Palestine | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.43 | 0.31 | 0.58 |
| Palestine | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.82 | 0.64 | 1.03 | Palestine | Male | 80-84 | 9.69 | 7.78 | 11.88 | Palestine | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.92 | 0.71 | 1.18 |
| Palestine | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.45 | 1.11 | 1.87 | Palestine | Male | 85-89 | 11.24 | 9.17 | 13.65 | Palestine | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.65 | 1.26 | 2.13 |
| Palestine | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.29 | 1.79 | 2.80 | Palestine | Male | 90-94 | 12.60 | 10.30 | 15.14 | Palestine | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.61 | 2.02 | 3.23 |
| Palestine | Both | 60-64 years | 3.36 | 2.62 | 4.15 | Palestine | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.34 | 0.25 | 0.46 | Palestine | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.82 | 2.98 | 4.73 |
| Palestine | Both | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.98 | 3.99 | 6.08 | Palestine | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.72 | 0.55 | 0.92 | Palestine | Female | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.70 | 4.56 | 6.99 |
| Palestine | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.10 | 5.48 | 8.98 | Palestine | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.27 | 0.96 | 1.61 | Palestine | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 8.07 | 6.26 | 10.18 |
| Palestine | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 9.35 | 7.51 | 11.34 | Palestine | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.00 | 1.55 | 2.47 | Palestine | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 10.45 | 8.42 | 12.78 |
| Palestine | Both | All ages | 0.50 | 0.43 | 0.58 | Palestine | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.90 | 2.25 | 3.63 | Palestine | Female | All ages | 0.59 | 0.51 | 0.68 |


| Palestine | Both | 80-84 | 11.48 | 9.33 | 14.04 | Palestine | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.27 | 3.37 | 5.22 | Palestine | Female | 80-84 | 12.64 | 10.26 | 15.34 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Palestine | Both | 85-89 | 13.17 | 10.73 | 15.70 | Palestine | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.04 | 4.67 | 7.61 | Palestine | Female | 85-89 | 14.31 | 11.70 | 17.10 |
| Palestine | Both | 90-94 | 14.71 | 12.11 | 17.49 | Palestine | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 7.88 | 6.28 | 9.56 | Palestine | Female | 90-94 | 15.52 | 12.88 | 18.50 |
| Panama | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.63 | 0.49 | 0.79 | Panama | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.53 | 0.41 | 0.67 | Panama | Female | $40-44$ <br> years | 0.35 | 0.25 | 0.48 |
| Panama | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.11 | 0.84 | 1.42 | Panama | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.92 | 0.70 | 1.18 | Panama | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.73 | 0.56 | 0.93 |
| Panama | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.80 | 1.42 | 2.21 | Panama | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.50 | 1.18 | 1.83 | Panama | Female | $50-54$ years | 1.29 | 0.98 | 1.66 |
| Panama | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.79 | 2.21 | 3.45 | Panama | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 2.31 | 1.82 | 2.87 | Panama | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.11 | 1.63 | 2.60 |
| Panama | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.47 | 3.59 | 5.45 | Panama | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.69 | 2.95 | 4.52 | Panama | Female | 60-64 years | 3.26 | 2.57 | 4.06 |
| Panama | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.68 | 5.16 | 8.42 | Panama | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.53 | 4.28 | 6.97 | Panama | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.23 | 4.21 | 6.42 |
| Panama | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.95 | 7.15 | 11.01 | Panama | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.38 | 5.91 | 9.05 | Panama | Female | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.81 | 6.02 | 9.85 |
| Panama | Both | All ages | 1.02 | 0.88 | 1.17 | Panama | Male | All ages | 0.82 | 0.70 | 0.95 | Panama | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 10.39 | 8.19 | 12.83 |
| Panama | Both | 80-84 | 11.07 | 8.98 | 13.55 | Panama | Male | 80-84 | 9.13 | 7.30 | 11.30 | Panama | Female | All ages | 1.22 | 1.05 | 1.40 |
| Panama | Both | 85-89 | 12.79 | 10.44 | 15.40 | Panama | Male | 85-89 | 10.61 | 8.65 | 12.83 | Panama | Female | 80-84 | 12.74 | 10.29 | 15.59 |
| Panama | Both | 90-94 | 14.16 | 11.66 | 16.85 | Panama | Male | 90-94 | 11.91 | 9.82 | 14.23 | Panama | Female | 85-89 | 14.50 | 11.78 | 17.68 |
| Panama | Both | $40-44$ years | 0.31 | 0.22 | 0.42 | Panama | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.26 | 0.19 | 0.36 | Panama | Female | 90-94 | 15.75 | 12.90 | 18.90 |
| Papua New Guinea | Both | 40-44 years | 0.55 | 0.40 | 0.72 | Papua New Guinea | Male | $\begin{aligned} & \text { 40-44 } \\ & \text { years } \end{aligned}$ | 0.49 | 0.36 | 0.66 | Papua New Guinea | Female | 40-44 years | 0.60 | 0.45 | 0.80 |
| Papua New Guinea | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.18 | 0.91 | 1.48 | Papua New Guinea | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.05 | 0.80 | 1.33 | Papua New Guinea | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.32 | 1.03 | 1.65 |
| Papua New Guinea | Both | 50-54 <br> years | 2.09 | 1.60 | 2.67 | Papua New Guinea | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.84 | 1.39 | 2.35 | Papua New Guinea | Female | 50-54 years | 2.36 | 1.79 | 3.00 |
| Papua New Guinea | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.20 | 2.50 | 3.88 | Papua New Guinea | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.81 | 2.21 | 3.44 | Papua New Guinea | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.65 | 2.82 | 4.44 |
| Papua New Guinea | Both | 60-64 years | 4.47 | 3.51 | 5.46 | Papua New Guinea | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 3.91 | 3.12 | 4.81 | Papua New Guinea | Female | 60-64 years | 5.15 | 3.97 | 6.36 |
| Papua New <br> Guinea | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 6.30 | 5.11 | 7.62 | Papua New <br> Guinea | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.44 | 4.42 | 6.57 | Papua New Guinea | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 7.41 | 5.95 | 9.12 |
| Papua New Guinea | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 8.68 | 6.84 | 10.81 | Papua New Guinea | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.28 | 5.74 | 8.98 | Papua New Guinea | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 10.24 | 8.06 | 12.99 |


| Papua New Guinea | Both | 75-79 <br> years | 10.95 | 8.85 | 13.29 | Papua New Guinea | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 9.07 | 7.28 | 10.96 | Papua New Guinea | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 12.98 | 10.51 | 15.87 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Papua New Guinea | Both | All ages | 0.60 | 0.51 | 0.69 | Papua New <br> Guinea | Male | All ages | 0.53 | 0.45 | 0.61 | $\begin{aligned} & \text { Papua } \\ & \text { New } \\ & \text { Guinea } \end{aligned}$ | Female | All ages | 0.67 | 0.57 | 0.77 |
| Papua New Guinea | Both | 80-84 | 13.06 | 10.69 | 15.77 | Papua New Guinea | Male | 80-84 | 10.68 | 8.68 | 13.03 | Papua New Guinea | Female | 80-84 | 15.38 | 12.65 | 18.54 |
| Papua New Guinea | Both | 85-89 | 14.67 | 12.11 | 17.59 | Papua New Guinea | Male | 85-89 | 11.90 | 9.72 | 14.50 | Papua New Guinea | Female | 85-89 | 16.98 | 14.01 | 20.34 |
| Papua New Guinea | Both | 90-94 | 15.95 | 13.27 | 19.01 | Papua New Guinea | Male | 90-94 | 12.83 | 10.52 | 15.43 | Papua New Guinea | Female | 90-94 | 17.90 | 14.83 | 21.41 |
| Paraguay | Both | 40-44 years | 0.34 | 0.25 | 0.46 | Paraguay | Male | $40-44$ years | 0.30 | 0.22 | 0.41 | Paraguay | Female | $40-44$ years | 0.38 | 0.27 | 0.52 |
| Paraguay | Both | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.73 | 0.55 | 0.92 | Paraguay | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.64 | 0.49 | 0.81 | Paraguay | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.81 | 0.62 | 1.05 |
| Paraguay | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.29 | 0.97 | 1.66 | Paraguay | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.13 | 0.85 | 1.43 | Paraguay | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.46 | 1.10 | 1.90 |
| Paraguay | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.09 | 1.62 | 2.55 | Paraguay | Male | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.81 | 1.41 | 2.23 | Paraguay | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.36 | 1.82 | 2.91 |
| Paraguay | Both | 60-64 years | 3.16 | 2.47 | 3.94 | Paraguay | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.73 | 2.13 | 3.40 | Paraguay | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.58 | 2.78 | 4.47 |
| Paraguay | Both | $65-69$ years | 4.94 | 3.91 | 6.09 | Paraguay | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.28 | 3.41 | 5.29 | Paraguay | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.57 | 4.41 | 6.85 |
| Paraguay | Both | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.29 | 5.60 | 9.29 | Paraguay | Male | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 6.34 | 4.85 | 8.10 | Paraguay | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.15 | 6.20 | 10.37 |
| Paraguay | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.70 | 7.71 | 11.97 | Paraguay | Male | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.41 | 6.73 | 10.41 | Paraguay | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 10.75 | 8.48 | 13.24 |
| Paraguay | Both | All ages | 0.87 | 0.75 | 1.00 | Paraguay | Male | All ages | 0.71 | 0.61 | 0.83 | Paraguay | Female | All ages | 1.02 | 0.88 | 1.18 |
| Paraguay | Both | 80-84 | 11.93 | 9.75 | 14.62 | Paraguay | Male | 80-84 | 10.34 | 8.42 | 12.75 | Paraguay | Female | 80-84 | 13.14 | 10.73 | 16.11 |
| Paraguay | Both | 85-89 | 13.70 | 11.21 | 16.57 | Paraguay | Male | 85-89 | 11.92 | 9.72 | 14.60 | Paraguay | Female | 85-89 | 14.88 | 12.12 | 18.12 |
| Paraguay | Both | 90-94 | 15.03 | 12.35 | 18.09 | Paraguay | Male | 90-94 | 13.20 | 10.70 | 15.94 | Paraguay | Female | 90-94 | 16.06 | 13.17 | 19.43 |
| Peru | Both | 40-44 years | 0.27 | 0.19 | 0.36 | Peru | Male | $40-44$ years | 0.24 | 0.17 | 0.32 | Peru | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.30 | 0.21 | 0.41 |
| Peru | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.56 | 0.43 | 0.70 | Peru | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.48 | 0.37 | 0.61 | Peru | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.63 | 0.48 | 0.80 |
| Peru | Both | 50-54 years | 0.98 | 0.74 | 1.24 | Peru | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 0.84 | 0.64 | 1.08 | Peru | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.11 | 0.84 | 1.43 |
| Peru | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.58 | 1.24 | 1.93 | Peru | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.34 | 1.05 | 1.64 | Peru | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.80 | 1.40 | 2.23 |
| Peru | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.39 | 1.88 | 2.95 | Peru | Male | 60-64 years | 2.02 | 1.59 | 2.49 | Peru | Female | $60-64$ years | 2.75 | 2.13 | 3.41 |


| Peru | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.70 | 2.96 | 4.53 | Peru | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.12 | 2.49 | 3.82 | Peru | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.25 | 3.40 | 5.28 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Peru | Both | 70-74 years | 5.39 | 4.14 | 6.82 | Peru | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.55 | 3.51 | 5.71 | Peru | Female | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 6.19 | 4.72 | 7.81 |
| Peru | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.14 | 5.71 | 8.74 | Peru | Male | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.04 | 4.83 | 7.49 | Peru | Female | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.17 | 6.54 | 9.96 |
| Peru | Both | All ages | 0.79 | 0.68 | 0.90 | Peru | Male | All ages | 0.65 | 0.56 | 0.74 | Peru | Female | All ages | 0.93 | 0.80 | 1.06 |
| Peru | Both | 80-84 | 8.86 | 7.12 | 10.90 | Peru | Male | 80-84 | 7.51 | 5.99 | 9.28 | Peru | Female | 80-84 | 10.07 | 8.05 | 12.44 |
| Peru | Both | 85-89 | 10.38 | 8.47 | 12.61 | Peru | Male | 85-89 | 8.87 | 7.22 | 10.80 | Peru | Female | 85-89 | 11.66 | 9.49 | 14.26 |
| Peru | Both | 90-94 | 11.73 | 9.66 | 14.11 | Peru | Male | 90-94 | 10.18 | 8.32 | 12.41 | Peru | Female | 90-94 | 12.98 | 10.63 | 15.82 |
| Philippin es | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.19 | 0.92 | 1.49 | Philippin es | Male | $40-44$ years | 0.41 | 0.31 | 0.54 | $\begin{aligned} & \text { Philippin } \\ & \text { es } \end{aligned}$ | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.47 | 1.13 | 1.85 |
| $\begin{aligned} & \hline \text { Philippin } \\ & \text { es } \\ & \hline \end{aligned}$ | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.21 | 1.69 | 2.83 | Philippin es | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.92 | 0.71 | 1.15 | $\begin{aligned} & \text { Philippin } \\ & \text { es } \\ & \hline \end{aligned}$ | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.76 | 2.10 | 3.55 |
| Philippin es | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.50 | 2.76 | 4.25 | Philippin es | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.66 | 1.27 | 2.12 | Philippin es | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.41 | 3.46 | 5.36 |
| Philippin es | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.04 | 3.98 | 6.16 | $\begin{aligned} & \text { Philippin } \\ & \text { es } \end{aligned}$ | Male | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.58 | 2.04 | 3.12 | $\begin{aligned} & \text { Philippin } \\ & \text { es } \end{aligned}$ | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.34 | 5.00 | 7.76 |
| Philippin es | Both | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.18 | 5.84 | 8.67 | Philippin es | Male | 60-64 years | 3.64 | 2.88 | 4.46 | Philippin es | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 9.04 | 7.31 | 10.97 |
| Philippin es | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 9.89 | 7.75 | 12.22 | Philippin es | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.04 | 4.12 | 6.14 | Philippin es | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 12.28 | 9.63 | 15.18 |
| Philippin es | Both | $\begin{aligned} & \begin{array}{l} 75-79 \\ \text { years } \end{array} \end{aligned}$ | 12.62 | 10.19 | 15.29 | Philippin es | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.71 | 5.28 | 8.29 | Philippin es | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 15.37 | 12.43 | 18.64 |
| $\begin{aligned} & \text { Philippin } \\ & \text { es } \end{aligned}$ | Both | All ages | 1.03 | 0.89 | 1.17 | $\begin{aligned} & \text { Philippin } \\ & \text { es } \end{aligned}$ | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.37 | 6.76 | 10.12 | $\begin{aligned} & \text { Philippin } \\ & \text { es } \end{aligned}$ | Female | All ages | 1.40 | 1.21 | 1.59 |
| Philippin es | Both | 80-84 | 15.12 | 12.46 | 18.29 | Philippin es | Male | All ages | 0.66 | 0.57 | 0.76 | Philippin es | Female | 80-84 | 18.07 | 14.91 | 21.81 |
| $\begin{aligned} & \text { Philippin } \\ & \text { es } \end{aligned}$ | Both | 85-89 | 16.83 | 13.93 | 20.05 | Philippin es | Male | 80-84 | 9.92 | 8.15 | 12.09 | $\begin{aligned} & \text { Philippin } \\ & \text { es } \end{aligned}$ | Female | 85-89 | 19.93 | 16.53 | 23.74 |
| Philippin es | Both | 90-94 | 17.23 | 14.39 | 20.43 | Philippin es | Male | 85-89 | 11.24 | 9.29 | 13.41 | Philippin es | Female | 90-94 | 21.08 | 17.72 | 24.92 |
| Philippin es | Both | $40-44$ years | 0.51 | 0.38 | 0.67 | Philippin es | Male | 90-94 | 12.42 | 10.30 | 14.79 | $\begin{aligned} & \text { Philippin } \\ & \text { es } \end{aligned}$ | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.62 | 0.46 | 0.80 |
| Poland | Both | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.41 | 0.30 | 0.55 | Poland | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.33 | 0.24 | 0.44 | Poland | Female | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.50 | 0.37 | 0.66 |
| Poland | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.92 | 0.71 | 1.16 | Poland | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.71 | 0.55 | 0.89 | Poland | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.13 | 0.87 | 1.43 |
| Poland | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.69 | 1.28 | 2.17 | Poland | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.27 | 0.97 | 1.61 | Poland | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.11 | 1.59 | 2.71 |
| Poland | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.75 | 2.16 | 3.35 | Poland | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.03 | 1.60 | 2.47 | Poland | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.43 | 2.67 | 4.20 |
| Poland | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.11 | 3.25 | 5.05 | Poland | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.97 | 2.35 | 3.67 | Poland | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.12 | 4.04 | 6.30 |


| Poland | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 6.18 | 5.02 | 7.54 | Poland | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.36 | 3.55 | 5.33 | Poland | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 7.65 | 6.21 | 9.33 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Poland | Both | 70-74 years | 8.81 | 6.83 | 10.95 | Poland | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.12 | 4.78 | 7.65 | Poland | Female | 70-74 years | 10.78 | 8.35 | 13.43 |
| Poland | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.61 | 9.27 | 14.09 | Poland | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 8.00 | 6.42 | 9.71 | Poland | Female | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 13.84 | 11.04 | 16.88 |
| Poland | Both | All ages | 2.56 | 2.21 | 2.94 | Poland | Male | All ages | 1.55 | 1.34 | 1.78 | Poland | Female | All ages | 3.49 | 3.00 | 4.00 |
| Poland | Both | 80-84 | 14.36 | 11.79 | 17.46 | Poland | Male | 80-84 | 9.90 | 8.06 | 12.11 | Poland | Female | 80-84 | 16.62 | 13.66 | 20.16 |
| Poland | Both | 85-89 | 16.62 | 13.76 | 19.85 | Poland | Male | 85-89 | 11.68 | 9.65 | 14.01 | Poland | Female | 85-89 | 18.74 | 15.55 | 22.34 |
| Poland | Both | 90-94 | 18.56 | 15.50 | 21.98 | Poland | Male | 90-94 | 13.41 | 11.06 | 15.99 | Poland | Female | 90-94 | 20.26 | 16.98 | 23.98 |
| Portugal | Both | 40-44 years | 1.03 | 0.77 | 1.34 | Portugal | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.55 | 0.40 | 0.74 | Portugal | Female | 40-44 <br> years | 1.47 | 1.08 | 1.92 |
| Portugal | Both | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.79 | 1.41 | 2.22 | Portugal | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.14 | 0.87 | 1.43 | Portugal | Female | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.38 | 1.83 | 3.00 |
| Portugal | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.68 | 2.09 | 3.37 | Portugal | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.03 | 1.54 | 2.62 | Portugal | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 3.27 | 2.52 | 4.12 |
| Portugal | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.92 | 3.14 | 4.75 | Portugal | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.38 | 2.64 | 4.18 | Portugal | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.40 | 3.46 | 5.36 |
| Portugal | Both | 60-64 years | 5.67 | 4.55 | 6.98 | Portugal | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 5.19 | 4.04 | 6.50 | Portugal | Female | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 6.10 | 4.86 | 7.42 |
| Portugal | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 8.80 | 7.17 | 10.63 | Portugal | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 7.90 | 6.40 | 9.66 | Portugal | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 9.57 | 7.80 | 11.57 |
| Portugal | Both | $70-74$ years | 12.90 | 10.08 | 16.16 | Portugal | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 11.22 | 8.62 | 14.05 | Portugal | Female | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 14.26 | 11.12 | 18.12 |
| Portugal | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 16.77 | 13.46 | 20.35 | Portugal | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 14.25 | 11.29 | 17.57 | Portugal | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 18.67 | 15.10 | 22.73 |
| Portugal | Both | All ages | 4.60 | 3.94 | 5.26 | Portugal | Male | All ages | 3.52 | 2.99 | 4.05 | Portugal | Female | All ages | 5.54 | 4.76 | 6.36 |
| Portugal | Both | 80-84 | 20.25 | 16.53 | 24.29 | Portugal | Male | 80-84 | 16.82 | 13.58 | 20.44 | Portugal | Female | 80-84 | 22.53 | 18.36 | 27.06 |
| Portugal | Both | 85-89 | 22.99 | 19.04 | 27.19 | Portugal | Male | 85-89 | 18.65 | 15.38 | 22.28 | Portugal | Female | 85-89 | 25.36 | 21.02 | 30.09 |
| Portugal | Both | 90-94 | 24.92 | 20.98 | 29.23 | Portugal | Male | 90-94 | 19.76 | 16.43 | 23.36 | Portugal | Female | 90-94 | 27.11 | 22.81 | 31.97 |
| Puerto Rico | Both | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.31 | 0.22 | 0.42 | $\begin{aligned} & \text { Puerto } \\ & \text { Rico } \end{aligned}$ | Male | 80-84 | 8.91 | 7.18 | 11.04 | $\begin{aligned} & \text { Puerto } \\ & \text { Rico } \end{aligned}$ | Female | 80-84 | 12.39 | 10.01 | 15.27 |
| Puerto Rico | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.65 | 0.50 | 0.82 | Puerto <br> Rico | Male | 85-89 | 10.55 | 8.62 | 12.92 | Puerto Rico | Female | 85-89 | 14.30 | 11.71 | 17.38 |
| Puerto Rico | Both | $50-54$ years | 1.15 | 0.89 | 1.47 | Puerto <br> Rico | Male | 90-94 | 12.07 | 9.81 | 14.66 | $\begin{aligned} & \hline \text { Puerto } \\ & \text { Rico } \\ & \hline \end{aligned}$ | Female | 90-94 | 15.83 | 13.11 | 18.82 |
| Puerto Rico | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.88 | 1.48 | 2.31 | Puerto Rico | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.27 | 0.19 | 0.37 | $\begin{aligned} & \hline \text { Puerto } \\ & \text { Rico } \end{aligned}$ | Female | 40-44 years | 0.35 | 0.25 | 0.47 |
| Puerto Rico | Both | 60-64 years | 2.87 | 2.28 | 3.55 | $\begin{aligned} & \hline \text { Puerto } \\ & \text { Rico } \end{aligned}$ | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.55 | 0.43 | 0.69 | $\begin{aligned} & \text { Puerto } \\ & \text { Rico } \end{aligned}$ | Female | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.74 | 0.57 | 0.93 |


| Puerto Rico | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.46 | 3.59 | 5.42 | Puerto Rico | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 0.96 | 0.73 | 1.24 | Puerto Rico | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.33 | 1.02 | 1.69 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Puerto Rico | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.56 | 5.10 | 8.19 | $\begin{aligned} & \text { Puerto } \\ & \text { Rico } \end{aligned}$ | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.54 | 1.23 | 1.92 | $\begin{aligned} & \hline \text { Puerto } \\ & \text { Rico } \\ & \hline \end{aligned}$ | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.17 | 1.71 | 2.66 |
| Puerto Rico | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.75 | 6.98 | 10.71 | Puerto Rico | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.34 | 1.85 | 2.90 | Puerto Rico | Female | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 3.32 | 2.62 | 4.14 |
| Puerto Rico | Both | All ages | 2.11 | 1.80 | 2.43 | $\begin{aligned} & \text { Puerto } \\ & \text { Rico } \end{aligned}$ | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 3.61 | 2.88 | 4.41 | Puerto Rico | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.17 | 4.14 | 6.32 |
| Puerto Rico | Both | 80-84 | 10.91 | 8.87 | 13.42 | Puerto <br> Rico | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 5.30 | 4.13 | 6.65 | Puerto Rico | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.57 | 5.79 | 9.47 |
| Puerto Rico | Both | 85-89 | 12.83 | 10.56 | 15.63 | $\begin{aligned} & \text { Puerto } \\ & \text { Rico } \\ & \hline \end{aligned}$ | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 7.10 | 5.72 | 8.68 | Puerto Rico | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 10.04 | 8.00 | 12.37 |
| Puerto Rico | Both | 90-94 | 14.49 | 11.98 | 17.28 | $\begin{aligned} & \text { Puerto } \\ & \text { Rico } \end{aligned}$ | Male | All ages | 1.58 | 1.36 | 1.84 | Puerto Rico | Female | All ages | 2.57 | 2.19 | 2.97 |
| Qatar | Both | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.37 | 0.27 | 0.51 | Qatar | Male | $40-44$ years | 0.35 | 0.25 | 0.48 | Qatar | Female | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.44 | 0.32 | 0.60 |
| Qatar | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.78 | 0.60 | 0.99 | Qatar | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.73 | 0.56 | 0.93 | Qatar | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.94 | 0.72 | 1.18 |
| Qatar | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.38 | 1.04 | 1.76 | Qatar | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.30 | 0.98 | 1.66 | Qatar | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.68 | 1.26 | 2.13 |
| Qatar | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.19 | 1.73 | 2.66 | Qatar | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.07 | 1.63 | 2.54 | Qatar | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.69 | 2.08 | 3.31 |
| Qatar | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 3.26 | 2.57 | 4.01 | Qatar | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 3.06 | 2.41 | 3.77 | Qatar | Female | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 3.99 | 3.07 | 5.02 |
| Qatar | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.90 | 3.96 | 5.98 | Qatar | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.54 | 3.65 | 5.53 | Qatar | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.98 | 4.80 | 7.35 |
| Qatar | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.02 | 5.40 | 8.72 | Qatar | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.46 | 4.97 | 8.07 | Qatar | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.54 | 6.57 | 10.59 |
| Qatar | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.49 | 7.63 | 11.60 | Qatar | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.59 | 6.91 | 10.55 | Qatar | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.28 | 9.01 | 13.81 |
| Qatar | Both | All ages | 0.36 | 0.30 | 0.42 | Qatar | Male | All ages | 0.35 | 0.29 | 0.41 | Qatar | Female | All ages | 0.40 | 0.33 | 0.46 |
| Qatar | Both | 80-84 | 11.67 | 9.42 | 14.15 | Qatar | Male | 80-84 | 10.84 | 8.70 | 13.31 | Qatar | Female | 80-84 | 14.08 | 11.49 | 17.02 |
| Qatar | Both | 85-89 | 13.50 | 11.20 | 16.36 | Qatar | Male | 85-89 | 12.99 | 10.76 | 15.76 | Qatar | Female | 85-89 | 16.54 | 13.77 | 19.73 |
| Qatar | Both | 90-94 | 15.59 | 12.90 | 18.54 | Qatar | Male | 90-94 | 15.05 | 12.36 | 17.95 | Qatar | Female | 90-94 | 18.65 | 15.68 | 21.96 |
| Republic of Korea | Both | All ages | 2.12 | 1.83 | 2.42 | Republic of Korea | Male | All ages | 1.30 | 1.11 | 1.49 | Republic of Korea | Female | All ages | 2.93 | 2.53 | 3.35 |
| Republic of Korea | Both | 80-84 | 13.43 | 11.02 | 16.29 | Republic of Korea | Male | 80-84 | 8.67 | 6.92 | 10.72 | Republic of Korea | Female | 80-84 | 16.17 | 13.17 | 19.57 |
| Republic of Korea | Both | 85-89 | 16.26 | 13.45 | 19.48 | Republic of Korea | Male | 85-89 | 10.14 | 8.24 | 12.30 | Republic of Korea | Female | 85-89 | 18.80 | 15.56 | 22.48 |
| Republic of Korea | Both | 90-94 | 18.60 | 15.42 | 21.92 | Republic of Korea | Male | 90-94 | 11.44 | 9.35 | 13.77 | Republic of Korea | Female | 90-94 | 20.74 | 17.23 | 24.52 |
| Republic of Korea | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.57 | 0.43 | 0.76 | Republic of Korea | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.29 | 0.21 | 0.38 | Republic of Korea | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.88 | 0.65 | 1.17 |


| Republic of Korea | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.03 | 0.79 | 1.28 | Republic of Korea | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.59 | 0.46 | 0.75 | Republic of Korea | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.48 | 1.13 | 1.87 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Republic of Korea | Both | $50-54$ years | 1.59 | 1.22 | 1.99 | Republic of Korea | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.05 | 0.81 | 1.33 | Republic of Korea | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.14 | 1.62 | 2.72 |
| Republic of Korea | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.37 | 1.87 | 2.91 | Republic of Korea | Male | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.74 | 1.37 | 2.13 | Republic of Korea | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.01 | 2.36 | 3.74 |
| Republic of Korea | Both | $\begin{aligned} & 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.46 | 2.78 | 4.25 | Republic of Korea | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 2.63 | 2.06 | 3.28 | Republic of Korea | Female | $\begin{aligned} & 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.27 | 3.38 | 5.25 |
| Republic of Korea | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.29 | 4.29 | 6.44 | Republic of Korea | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.91 | 3.16 | 4.76 | Republic of Korea | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 6.60 | 5.33 | 8.04 |
| Republic of Korea | Both | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.74 | 6.05 | 9.72 | Republic of Korea | Male | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 5.49 | 4.24 | 6.91 | Republic of Korea | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.72 | 7.56 | 12.29 |
| Republic of Korea | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.48 | 8.44 | 12.74 | Republic of Korea | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 7.09 | 5.63 | 8.70 | Republic of Korea | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 12.98 | 10.43 | 16.02 |
| $\begin{aligned} & \text { Republic } \\ & \text { of } \\ & \text { Moldova } \\ & \hline \end{aligned}$ | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.89 | 2.27 | 3.53 | $\begin{aligned} & \text { Republic } \\ & \text { of } \\ & \text { Moldova } \\ & \hline \end{aligned}$ | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.39 | 0.28 | 0.52 | $\begin{aligned} & \hline \text { Republic } \\ & \text { of } \\ & \text { Moldova } \\ & \hline \end{aligned}$ | Female | 40-44 years | 0.58 | 0.42 | 0.77 |
| $\begin{aligned} & \hline \text { Republic } \\ & \text { of } \\ & \text { Moldova } \\ & \hline \end{aligned}$ | Both | 60-64 years | 4.26 | 3.33 | 5.28 | $\begin{aligned} & \hline \text { Republic } \\ & \text { of } \\ & \text { Moldova } \end{aligned}$ | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.79 | 0.62 | 1.01 | $\begin{aligned} & \hline \text { Republic } \\ & \text { of } \\ & \text { Moldova } \\ & \hline \end{aligned}$ | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.25 | 0.95 | 1.59 |
| $\begin{aligned} & \text { Republic } \\ & \text { of } \\ & \text { Moldova } \end{aligned}$ | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 6.48 | 5.21 | 7.93 | $\begin{aligned} & \text { Republic } \\ & \text { of } \\ & \text { Moldova } \end{aligned}$ | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.37 | 1.04 | 1.75 | $\begin{aligned} & \text { Republic } \\ & \text { of } \\ & \text { Moldova } \end{aligned}$ | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 2.22 | 1.67 | 2.87 |
| Republic <br> of <br> Moldova | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 9.36 | 7.25 | 11.90 | Republic <br> of <br> Moldova | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.14 | 1.69 | 2.63 | Republic <br> of <br> Moldova | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.50 | 2.70 | 4.28 |
| $\begin{aligned} & \hline \text { Republic } \\ & \text { of } \\ & \text { Moldova } \end{aligned}$ | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 12.23 | 9.70 | 15.01 | $\begin{aligned} & \text { Republic } \\ & \text { of } \\ & \text { Moldova } \end{aligned}$ | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 3.11 | 2.48 | 3.82 | $\begin{aligned} & \hline \text { Republic } \\ & \text { of } \\ & \text { Moldova } \end{aligned}$ | Female | 60-64 years | 5.12 | 3.94 | 6.40 |
| $\begin{aligned} & \text { Republic } \\ & \text { of } \\ & \text { Moldova } \\ & \hline \end{aligned}$ | Both | All ages | 2.27 | 1.97 | 2.62 | $\begin{aligned} & \text { Republic } \\ & \text { of } \\ & \text { Moldova } \\ & \hline \end{aligned}$ | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.58 | 3.68 | 5.57 | $\begin{aligned} & \text { Republic } \\ & \text { of } \\ & \text { Moldova } \\ & \hline \end{aligned}$ | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 7.79 | 6.19 | 9.60 |
| $\begin{aligned} & \text { Republic } \\ & \text { of } \\ & \text { Moldova } \end{aligned}$ | Both | 80-84 | 14.81 | 12.16 | 18.07 | $\begin{aligned} & \text { Republic } \\ & \text { of } \\ & \text { Moldova } \end{aligned}$ | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.46 | 5.03 | 8.07 | $\begin{aligned} & \text { Republic } \\ & \text { of } \\ & \text { Moldova } \end{aligned}$ | Female | 70-74 years | 11.20 | 8.63 | 14.51 |
| $\begin{aligned} & \text { Republic } \\ & \text { of } \\ & \text { Moldova } \end{aligned}$ | Both | 85-89 | 16.71 | 13.65 | 20.19 | $\begin{aligned} & \text { Republic } \\ & \text { of } \\ & \text { Moldova } \end{aligned}$ | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.41 | 6.74 | 10.22 | $\begin{aligned} & \text { Republic } \\ & \text { of } \\ & \text { Moldova } \end{aligned}$ | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 14.44 | 11.33 | 18.07 |
| Republic <br> of <br> Moldova | Both | 90-94 | 18.09 | 14.87 | 21.46 | Republic <br> of <br> Moldova | Male | All ages | 1.36 | 1.18 | 1.56 | $\begin{aligned} & \text { Republic } \\ & \text { of } \\ & \text { Moldova } \\ & \hline \end{aligned}$ | Female | All ages | 3.08 | 2.65 | 3.57 |
| Republic <br> of <br> Moldova | Both | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.48 | 0.36 | 0.64 | Republic <br> of <br> Moldova | Male | 80-84 | 10.29 | 8.38 | 12.56 | Republic <br> of <br> Moldova | Female | 80-84 | 17.22 | 14.04 | 20.89 |
| $\begin{aligned} & \text { Republic } \\ & \text { of } \\ & \text { Moldova } \end{aligned}$ | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.02 | 0.79 | 1.30 | $\begin{aligned} & \text { Republic } \\ & \text { of } \\ & \text { Moldova } \end{aligned}$ | Male | 85-89 | 11.91 | 9.76 | 14.44 | $\begin{aligned} & \hline \text { Republic } \\ & \text { of } \\ & \text { Moldova } \\ & \hline \end{aligned}$ | Female | 85-89 | 19.02 | 15.68 | 22.97 |
| $\begin{aligned} & \text { Republic } \\ & \text { of } \\ & \text { Moldova } \end{aligned}$ | Both | 50-54 years | 1.83 | 1.39 | 2.32 | $\begin{aligned} & \text { Republic } \\ & \text { of } \\ & \text { Moldova } \end{aligned}$ | Male | 90-94 | 13.31 | 10.91 | 16.10 | $\begin{aligned} & \hline \text { Republic } \\ & \text { of } \\ & \text { Moldova } \\ & \hline \end{aligned}$ | Female | 90-94 | 19.95 | 16.39 | 23.68 |


| Romania | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.43 | 0.31 | 0.57 | Romania | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.40 | 0.29 | 0.53 | Romania | Female | 40-44 years | 0.46 | 0.34 | 0.62 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Romania | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.90 | 0.69 | 1.13 | Romania | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.82 | 0.64 | 1.03 | Romania | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.98 | 0.75 | 1.24 |
| Romania | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.59 | 1.20 | 2.03 | Romania | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.42 | 1.09 | 1.81 | Romania | Female | 50-54 years | 1.75 | 1.32 | 2.26 |
| Romania | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.53 | 1.98 | 3.07 | Romania | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.24 | 1.77 | 2.74 | Romania | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.80 | 2.16 | 3.42 |
| Romania | Both | 60-64 years | 3.75 | 2.96 | 4.68 | Romania | Male | $\begin{array}{\|l\|} \hline 60-64 \\ \text { years } \\ \hline \end{array}$ | 3.28 | 2.61 | 4.14 | Romania | Female | 60-64 years | 4.16 | 3.24 | 5.21 |
| Romania | Both | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 5.63 | 4.55 | 6.90 | Romania | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.87 | 3.92 | 6.02 | Romania | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 6.24 | 5.00 | 7.76 |
| Romania | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.04 | 6.18 | 10.09 | Romania | Male | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 6.90 | 5.34 | 8.69 | Romania | Female | 70-74 <br> years | 8.86 | 6.81 | 11.23 |
| Romania | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.54 | 8.45 | 12.98 | Romania | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.03 | 7.21 | 11.06 | Romania | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.49 | 9.19 | 14.18 |
| Romania | Both | All ages | 2.49 | 2.13 | 2.85 | Romania | Male | All ages | 1.87 | 1.61 | 2.14 | Romania | Female | All ages | 3.06 | 2.60 | 3.52 |
| Romania | Both | 80-84 | 12.95 | 10.39 | 15.95 | Romania | Male | 80-84 | 11.13 | 8.94 | 13.64 | Romania | Female | 80-84 | 13.94 | 11.13 | 17.16 |
| Romania | Both | 85-89 | 14.91 | 12.20 | 18.16 | Romania | Male | 85-89 | 12.99 | 10.57 | 15.79 | Romania | Female | 85-89 | 15.89 | 13.01 | 19.37 |
| Romania | Both | 90-94 | 16.47 | 13.67 | 19.93 | Romania | Male | 90-94 | 14.64 | 12.02 | 17.72 | Romania | Female | 90-94 | 17.37 | 14.38 | 20.97 |
| Russian Federatio n | Both | $40-44$ years | 0.50 | 0.37 | 0.65 | Russian Federatio n | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.28 | 0.21 | 0.38 | Russian Federatio n | Female | 40-44 years | 0.70 | 0.52 | 0.90 |
| Russian Federatio n | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.13 | 0.87 | 1.43 | Russian Federatio n | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.60 | 0.46 | 0.75 | Russian Federatio n | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.62 | 1.25 | 2.04 |
| Russian Federatio n | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.11 | 1.60 | 2.71 | Russian Federatio n | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.05 | 0.81 | 1.32 | Russian Federatio n | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 3.03 | 2.29 | 3.93 |
| Russian Federatio n | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.45 | 2.69 | 4.20 | Russian Federatio n | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.66 | 1.31 | 2.01 | Russian Federatio n | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 4.89 | 3.80 | 5.98 |
| Russian Federatio n | Both | 60-64 years | 5.21 | 4.07 | 6.40 | Russian Federatio n | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 2.42 | 1.91 | 2.97 | Russian Federatio n | Female | 60-64 years | 7.23 | 5.62 | 8.88 |
| Russian Federatio n | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 8.03 | 6.53 | 9.73 | Russian Federatio n | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.52 | 2.86 | 4.30 | Russian Federatio n | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 10.93 | 8.88 | 13.24 |
| Russian Federatio n | Both | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 11.68 | 9.08 | 14.53 | Russian Federatio n | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 4.93 | 3.82 | 6.11 | Russian Federatio n | Female | 70-74 years | 15.53 | 12.10 | 19.35 |
| Russian Federatio n | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 15.81 | 12.68 | 19.14 | Russian Federatio n | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 6.45 | 5.19 | 7.81 | Russian Federatio n | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 19.81 | 15.93 | 24.01 |
| Russian Federatio n | Both | All ages | 2.93 | 2.54 | 3.35 | Russian Federatio n | Male | All ages | 1.02 | 0.88 | 1.17 | Russian Federatio n | Female | All ages | 4.54 | 3.92 | 5.18 |


| Russian Federatio n | Both | 80-84 | 19.32 | 15.93 | 23.35 | Russian Federatio n | Male | 80-84 | 8.03 | 6.56 | 9.87 | Russian Federatio n | Female | 80-84 | 23.39 | 19.23 | 28.25 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Russian Federatio n | Both | 85-89 | 21.77 | 18.08 | 25.92 | Russian Federatio n | Male | 85-89 | 9.61 | 7.91 | 11.50 | Russian Federatio n | Female | 85-89 | 25.73 | 21.31 | 30.73 |
| Russian Federatio n | Both | 90-94 | 23.43 | 19.82 | 27.50 | Russian Federatio n | Male | 90-94 | 11.30 | 9.32 | 13.61 | Russian Federatio n | Female | 90-94 | 27.01 | 22.74 | 31.65 |
| Rwanda | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.32 | 0.23 | 0.43 | Rwanda | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.28 | 0.20 | 0.37 | Rwanda | Female | $40-44$ years | 0.35 | 0.26 | 0.48 |
| Rwanda | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.70 | 0.54 | 0.90 | Rwanda | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.61 | 0.46 | 0.79 | Rwanda | Female | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.78 | 0.60 | 0.99 |
| Rwanda | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.28 | 0.97 | 1.64 | Rwanda | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.11 | 0.84 | 1.46 | Rwanda | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.42 | 1.07 | 1.84 |
| Rwanda | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.07 | 1.61 | 2.54 | Rwanda | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.79 | 1.39 | 2.19 | Rwanda | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.31 | 1.79 | 2.83 |
| Rwanda | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.09 | 2.42 | 3.85 | Rwanda | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.63 | 2.06 | 3.35 | Rwanda | Female | $60-64$ years | 3.44 | 2.68 | 4.30 |
| Rwanda | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.67 | 3.70 | 5.79 | Rwanda | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 3.90 | 3.11 | 4.85 | Rwanda | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.24 | 4.17 | 6.49 |
| Rwanda | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.78 | 5.19 | 8.62 | Rwanda | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 5.53 | 4.27 | 6.98 | Rwanda | Female | $70-74$ years | 7.58 | 5.75 | 9.75 |
| Rwanda | Both | $\begin{aligned} & \begin{array}{l} 75-79 \\ \text { years } \end{array} \end{aligned}$ | 9.00 | 7.18 | 11.06 | Rwanda | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 7.27 | 5.81 | 8.90 | Rwanda | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 10.01 | 7.93 | 12.50 |
| Rwanda | Both | All ages | 0.44 | 0.38 | 0.51 | Rwanda | Male | All ages | 0.32 | 0.27 | 0.37 | Rwanda | Female | All ages | 0.55 | 0.47 | 0.64 |
| Rwanda | Both | 80-84 | 11.16 | 9.02 | 13.68 | Rwanda | Male | 80-84 | 9.01 | 7.29 | 11.10 | Rwanda | Female | 80-84 | 12.32 | 9.94 | 15.18 |
| Rwanda | Both | 85-89 | 12.98 | 10.68 | 15.70 | Rwanda | Male | 85-89 | 10.57 | 8.59 | 12.91 | Rwanda | Female | 85-89 | 14.13 | 11.62 | 17.13 |
| Rwanda | Both | 90-94 | 14.50 | 11.90 | 17.27 | Rwanda | Male | 90-94 | 11.94 | 9.79 | 14.44 | Rwanda | Female | 90-94 | 15.47 | 12.64 | 18.50 |
| Saint <br> Kitts and <br> Nevis | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.88 | 1.48 | 2.29 | Saint <br> Kitts and <br> Nevis | Male | $40-44$ years | 0.27 | 0.19 | 0.37 | Saint <br> Kitts and <br> Nevis | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.19 | 1.71 | 2.68 |
|  | Both | 60-64 years | 2.83 | 2.23 | 3.52 |  | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.57 | 0.44 | 0.72 | Saint <br> Kitts and Nevis | Female | 60-64 years | 3.29 | 2.58 | 4.14 |
| Saint <br> Kitts and Nevis | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.40 | 3.55 | 5.41 | Saint <br> Kitts and <br> Nevis | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 0.99 | 0.75 | 1.28 | Saint <br> Kitts and <br> Nevis | Female | 65-69 years | 5.13 | 4.06 | 6.28 |
| Saint <br> Kitts and Nevis | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.50 | 5.04 | 8.20 | Saint <br> Kitts and <br> Nevis | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.58 | 1.24 | 1.93 | Saint <br> Kitts and Nevis | Female | 70-74 years | 7.57 | 5.79 | 9.57 |
| Saint <br> Kitts and Nevis | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.71 | 6.92 | 10.70 | Saint <br> Kitts and Nevis | Male | 60-64 years | 2.35 | 1.84 | 2.95 | Saint <br> Kitts and Nevis | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 10.08 | 7.93 | 12.42 |
| Saint <br> Kitts and Nevis | Both | All ages | 1.03 | 0.89 | 1.18 | Saint <br> Kitts and Nevis | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.66 | 2.92 | 4.52 | Saint <br> Kitts and Nevis | Female | All ages | 1.25 | 1.07 | 1.43 |


| Kitts and <br> Nevis | Both | 80-84 | 11.06 | 8.91 | 13.55 | Saint Kitts and Nevis | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 5.40 | 4.17 | 6.88 | Saint Kitts and Nevis | Female | 80-84 | 12.49 | 9.96 | 15.43 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Saint <br> Kitts and <br> Nevis | Both | 85-89 | 13.26 | 10.89 | 16.07 | Saint <br> Kitts and <br> Nevis | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 7.23 | 5.82 | 8.87 | Saint <br> Kitts and <br> Nevis | Female | 85-89 | 14.41 | 11.78 | 17.58 |
| Saint <br> Kitts and <br> Nevis | Both | 90-94 | 15.23 | 12.55 | 18.33 | Saint Kitts and Nevis | Male | All ages | 0.82 | 0.70 | 0.95 | Saint Kitts and Nevis | Female | 90-94 | 15.90 | 13.08 | 19.09 |
| Saint <br> Kitts and <br> Nevis | Both | 40-44 <br> years | 0.32 | 0.23 | 0.42 | Saint <br> Kitts and <br> Nevis | Male | 80-84 | 9.04 | 7.24 | 11.07 | Saint <br> Kitts and Nevis | Female | 40-44 <br> years | 0.36 | 0.26 | 0.49 |
| Saint <br> Kitts and <br> Nevis | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.66 | 0.51 | 0.85 | Saint <br> Kitts and <br> Nevis | Male | 85-89 | 10.67 | 8.76 | 12.92 | Saint <br> Kitts and <br> Nevis | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.77 | 0.59 | 0.98 |
| Saint <br> Kitts and Nevis | Both | 50-54 years | 1.17 | 0.89 | 1.52 | Saint Kitts and Nevis | Male | 90-94 | 12.17 | 9.94 | 14.62 | Saint Kitts and Nevis | Female | 50-54 years | 1.36 | 1.03 | 1.78 |
| Saint <br> Lucia | Both | 40-44 years | 0.33 | 0.23 | 0.44 | Saint Lucia | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.28 | 0.20 | 0.38 | Saint <br> Lucia | Female | 40-44 years | 0.37 | 0.27 | 0.51 |
| Saint Lucia | Both | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.69 | 0.53 | 0.87 | Saint Lucia | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.58 | 0.45 | 0.74 | Saint Lucia | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.79 | 0.60 | 1.00 |
| Saint <br> Lucia | Both | 50-54 years | 1.21 | 0.92 | 1.54 | $\begin{aligned} & \text { Saint } \\ & \text { Lucia } \end{aligned}$ | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.01 | 0.77 | 1.31 | $\begin{aligned} & \hline \text { Saint } \\ & \text { Lucia } \end{aligned}$ | Female | $50-54$ years | 1.40 | 1.05 | 1.77 |
| Saint Lucia | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.95 | 1.52 | 2.36 | Saint Lucia | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.62 | 1.26 | 2.01 | Saint Lucia | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.26 | 1.77 | 2.77 |
| Saint <br> Lucia | Both | 60-64 years | 2.94 | 2.30 | 3.65 | Saint Lucia | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.43 | 1.91 | 3.06 | Saint Lucia | Female | 60-64 years | 3.43 | 2.69 | 4.26 |
| Saint <br> Lucia | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.60 | 3.65 | 5.62 | Saint | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.79 | 2.99 | 4.70 | $\begin{aligned} & \hline \text { Saint } \\ & \text { Lucia } \end{aligned}$ | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.36 | 4.23 | 6.55 |
| Saint <br> Lucia | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.74 | 5.17 | 8.53 | Saint <br> Lucia | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 5.58 | 4.25 | 7.10 | $\begin{aligned} & \text { Saint } \\ & \text { Lucia } \end{aligned}$ | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.88 | 6.06 | 9.98 |
| Saint Lucia | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.06 | 7.13 | 11.10 | Saint Lucia | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.42 | 5.87 | 9.11 | Saint Lucia | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.41 | 8.18 | 12.73 |
| Saint Lucia | Both | All ages | 1.26 | 1.08 | 1.43 | Saint <br> Lucia | Male | All ages | 0.97 | 0.84 | 1.12 | $\begin{aligned} & \hline \text { Saint } \\ & \text { Lucia } \\ & \hline \end{aligned}$ | Female | All ages | 1.54 | 1.33 | 1.75 |
| Saint Lucia | Both | 80-84 | 11.25 | 9.11 | 13.76 | Saint <br> Lucia | Male | 80-84 | 9.19 | 7.47 | 11.29 | Saint | Female | 80-84 | 12.74 | 10.23 | 15.64 |
| Saint Lucia | Both | 85-89 | 13.12 | 10.76 | 15.84 | $\begin{aligned} & \text { Saint } \\ & \text { Lucia } \end{aligned}$ | Male | 85-89 | 10.71 | 8.83 | 12.94 | $\begin{aligned} & \text { Saint } \\ & \text { Lucia } \end{aligned}$ | Female | 85-89 | 14.53 | 11.83 | 17.56 |
| Saint Lucia | Both | 90-94 | 14.62 | 12.15 | 17.49 | $\begin{aligned} & \hline \text { Saint } \\ & \text { Lucia } \end{aligned}$ | Male | 90-94 | 12.06 | 9.88 | 14.47 | $\begin{aligned} & \hline \text { Saint } \\ & \text { Lucia } \end{aligned}$ | Female | 90-94 | 15.84 | 13.12 | 18.91 |
| Saint Vincent and the Grenadin es | Both | 80-84 | 11.22 | 9.09 | 13.68 | Saint Vincent and the Grenadin es | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.28 | 0.20 | 0.39 | Saint Vincent and the Grenadin es | Female | 80-84 | 12.98 | 10.44 | 15.61 |
| Saint Vincent and the Grenadin | Both | 85-89 | 12.98 | 10.59 | 15.58 | Saint <br> Vincent and the Grenadin | Male | $\begin{aligned} & 45-49 \\ & \text { vears } \end{aligned}$ | 0.59 | 0.45 | 0.74 | Saint <br> Vincent and the Grenadin | Female | 85-89 | 14.76 | 12.04 | 17.85 |


| es |  |  |  |  |  | es |  |  |  |  |  | es |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Saint Vincent and the Grenadin es | Both | 90-94 | 14.62 | 12.10 | 17.57 | Saint Vincent and the Grenadin es | Male | 50-54 years | 1.03 | 0.78 | 1.30 | Saint <br> Vincent and the Grenadin es | Female | 90-94 | 16.03 | 13.17 | 19.36 |
| Saint <br> Vincent <br> and the <br> Grenadin <br> es | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.33 | 0.24 | 0.45 | Saint Vincent and the Grenadin es | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.65 | 1.29 | 2.04 | Saint <br> Vincent and the Grenadin es | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.38 | 0.27 | 0.51 |
| Saint Vincent and the Grenadin es | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.69 | 0.54 | 0.87 | Saint <br> Vincent and the Grenadin es | Male | 60-64 years | 2.48 | 1.93 | 3.13 | Saint <br> Vincent and the Grenadin es | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.80 | 0.62 | 1.02 |
| Saint <br> Vincent and the Grenadin es | Both | 50-54 years | 1.22 | 0.93 | 1.55 | Saint <br> Vincent and the Grenadin es | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.86 | 3.05 | 4.76 | Saint <br> Vincent and the Grenadin es | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.43 | 1.09 | 1.82 |
| Saint <br> Vincent <br> and the <br> Grenadin <br> es | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.96 | 1.53 | 2.40 | Saint Vincent and the Grenadin es | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 5.68 | 4.31 | 7.23 | Saint Vincent and the Grenadin es | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.30 | 1.79 | 2.84 |
| Saint Vincent and the Grenadin es | Both | 60-64 years | 2.95 | 2.31 | 3.68 | Saint Vincent and the Grenadin es | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 7.55 | 6.07 | 9.34 | Saint <br> Vincent and the Grenadin es | Female | 60-64 <br> years | 3.48 | 2.73 | 4.35 |
| Saint <br> Vincent and the Grenadin es | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.62 | 3.69 | 5.64 | Saint Vincent and the Grenadin es | Male | All ages | 1.02 | 0.87 | 1.18 | Saint Vincent and the Grenadin es | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.45 | 4.33 | 6.64 |
| Saint <br> Vincent and the Grenadin es | Both | $70-74$ years | 6.78 | 5.19 | 8.61 | Saint <br> Vincent and the Grenadin es | Male | 80-84 | 9.35 | 7.52 | 11.69 | Saint <br> Vincent and the Grenadin es | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 8.02 | 6.09 | 10.19 |
| Saint <br> Vincent <br> and the <br> Grenadin <br> es | Both | $75-79$ <br> years | 9.06 | 7.21 | 11.22 | Saint <br> Vincent <br> and the <br> Grenadin <br> es | Male | 85-89 | 10.90 | 8.86 | 13.26 | Saint <br> Vincent and the Grenadin es | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 10.60 | 8.32 | 13.09 |
| Saint <br> Vincent and the Grenadin es | Both | All ages | 1.22 | 1.05 | 1.39 | Saint Vincent and the Grenadin es | Male | 90-94 | 12.25 | 10.06 | 14.86 | Saint <br> Vincent and the Grenadin es | Female | All ages | 1.42 | 1.22 | 1.63 |


| Samoa | Both | 40-44 years | 0.69 | 0.52 | 0.90 | Samoa | Male | $40-44$ years | 0.61 | 0.46 | 0.82 | Samoa | Female | $40-44$ years | 0.76 | 0.56 | 1.00 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Samoa | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.51 | 1.17 | 1.88 | Samoa | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.33 | 1.04 | 1.67 | Samoa | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.71 | 1.31 | 2.16 |
| Samoa | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.70 | 2.04 | 3.46 | Samoa | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.37 | 1.81 | 3.03 | Samoa | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 3.08 | 2.31 | 4.00 |
| Samoa | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.16 | 3.24 | 5.07 | Samoa | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.63 | 2.84 | 4.42 | Samoa | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.74 | 3.67 | 5.87 |
| Samoa | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.86 | 4.52 | 7.23 | Samoa | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.07 | 3.90 | 6.33 | Samoa | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.68 | 5.12 | 8.22 |
| Samoa | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 8.43 | 6.83 | 10.25 | Samoa | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 7.10 | 5.69 | 8.69 | Samoa | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 9.69 | 7.80 | 11.73 |
| Samoa | Both | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 11.64 | 9.10 | 14.63 | Samoa | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.56 | 7.49 | 12.05 | Samoa | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 13.47 | 10.53 | 16.92 |
| Samoa | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 14.73 | 11.86 | 18.01 | Samoa | Male | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.88 | 9.39 | 14.59 | Samoa | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 17.00 | 13.70 | 20.93 |
| Samoa | Both | All ages | 1.23 | 1.06 | 1.41 | Samoa | Male | All ages | 1.00 | 0.86 | 1.15 | Samoa | Female | All ages | 1.47 | 1.28 | 1.69 |
| Samoa | Both | 80-84 | 17.33 | 14.31 | 20.91 | Samoa | Male | 80-84 | 13.87 | 11.15 | 16.97 | Samoa | Female | 80-84 | 19.97 | 16.37 | 24.18 |
| Samoa | Both | 85-89 | 19.02 | 15.71 | 22.76 | Samoa | Male | 85-89 | 15.26 | 12.47 | 18.45 | Samoa | Female | 85-89 | 21.78 | 17.98 | 26.00 |
| Samoa | Both | 90-94 | 19.94 | 16.67 | 23.59 | Samoa | Male | 90-94 | 16.16 | 13.31 | 19.15 | Samoa | Female | 90-94 | 22.60 | 18.94 | 26.88 |
| $\begin{aligned} & \hline \text { San } \\ & \text { Marino } \end{aligned}$ | Both | 40-44 years | 1.10 | 0.83 | 1.44 | San <br> Marino | Male | $40-44$ years | 0.56 | 0.41 | 0.75 | San <br> Marino | Female | $40-44$ years | 1.52 | 1.14 | 1.99 |
| $\begin{aligned} & \hline \text { San } \\ & \text { Marino } \end{aligned}$ | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.88 | 1.46 | 2.33 | $\begin{aligned} & \hline \text { San } \\ & \text { Marino } \end{aligned}$ | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.17 | 0.90 | 1.48 | $\begin{aligned} & \hline \text { San } \\ & \text { Marino } \end{aligned}$ | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 2.46 | 1.90 | 3.08 |
| San <br> Marino | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.77 | 2.13 | 3.47 | $\begin{aligned} & \hline \text { San } \\ & \text { Marino } \end{aligned}$ | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.09 | 1.61 | 2.69 | San <br> Marino | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.38 | 2.56 | 4.26 |
| $\begin{aligned} & \hline \text { San } \\ & \text { Marino } \end{aligned}$ | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.04 | 3.19 | 4.91 | $\begin{aligned} & \hline \text { San } \\ & \text { Marino } \end{aligned}$ | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.51 | 2.75 | 4.32 | San <br> Marino | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.55 | 3.58 | 5.58 |
| San <br> Marino | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.87 | 4.66 | 7.23 | San <br> Marino | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.42 | 4.21 | 6.79 | San <br> Marino | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.33 | 5.06 | 7.78 |
| $\begin{aligned} & \hline \text { San } \\ & \text { Marino } \end{aligned}$ | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 9.04 | 7.33 | 10.87 | $\begin{aligned} & \hline \text { San } \\ & \text { Marino } \end{aligned}$ | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.22 | 6.59 | 10.02 | $\begin{aligned} & \hline \text { San } \\ & \text { Marino } \end{aligned}$ | Female | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 9.91 | 7.99 | 11.96 |
| San <br> Marino | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 13.17 | 10.27 | 16.45 | San <br> Marino | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.59 | 9.00 | 14.43 | $\begin{aligned} & \hline \text { San } \\ & \text { Marino } \end{aligned}$ | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 14.76 | 11.46 | 18.50 |
| San <br> Marino | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 17.22 | 13.83 | 21.10 | San <br> Marino | Male | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 14.78 | 11.79 | 17.89 | San <br> Marino | Female | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 19.36 | 15.63 | 23.48 |
| San <br> Marino | Both | All ages | 4.13 | 3.57 | 4.68 | San <br> Marino | Male | All ages | 3.41 | 2.91 | 3.92 | San <br> Marino | Female | All ages | 4.76 | 4.13 | 5.41 |
| San Marino | Both | 80-84 | 20.91 | 17.34 | 24.94 | San <br> Marino | Male | 80-84 | 17.59 | 14.40 | 21.18 | San <br> Marino | Female | 80-84 | 23.42 | 19.32 | 28.05 |
| $\begin{aligned} & \hline \text { San } \\ & \text { Marino } \end{aligned}$ | Both | 85-89 | 23.78 | 19.91 | 28.48 | $\begin{aligned} & \hline \text { San } \\ & \text { Marino } \end{aligned}$ | Male | 85-89 | 19.64 | 16.19 | 23.38 | $\begin{aligned} & \hline \text { San } \\ & \text { Marino } \end{aligned}$ | Female | 85-89 | 26.47 | 22.26 | 31.79 |
| San <br> Marino | Both | 90-94 | 25.87 | 21.82 | 30.37 | San <br> Marino | Male | 90-94 | 20.91 | 17.47 | 24.73 | San <br> Marino | Female | 90-94 | 28.45 | 24.04 | 33.41 |


| Sao <br> Tome <br> and <br> Principe | Both | 40-44 years | 0.31 | 0.22 | 0.41 | Sao <br> Tome <br> and <br> Principe | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.28 | 0.20 | 0.38 | Sao <br> Tome <br> and <br> Principe | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.33 | 0.24 | 0.45 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Sao <br> Tome <br> and <br> Principe | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.67 | 0.52 | 0.85 | Sao <br> Tome <br> and <br> Principe | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.62 | 0.48 | 0.79 | Sao <br> Tome <br> and <br> Principe | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.72 | 0.55 | 0.93 |
| Sao <br> Tome and Principe | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.23 | 0.92 | 1.56 | Sao <br> Tome and Principe | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.13 | 0.85 | 1.44 | Sao <br> Tome and Principe | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.32 | 0.99 | 1.70 |
| Sao <br> Tome and Principe | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.99 | 1.55 | 2.45 | Sao <br> Tome and Principe | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.82 | 1.41 | 2.24 | Sao <br> Tome and Principe | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.16 | 1.67 | 2.67 |
| Sao <br> Tome and Principe | Both | 60-64 years | 2.96 | 2.33 | 3.67 | Sao <br> Tome and Principe | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 2.68 | 2.08 | 3.36 | Sao <br> Tome and <br> Principe | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 3.23 | 2.53 | 4.05 |
| Sao <br> Tome <br> and <br> Principe | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.43 | 3.52 | 5.50 | Sao <br> Tome and Principe | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 3.96 | 3.14 | 4.92 | Sao <br> Tome and <br> Principe | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.88 | 3.90 | 6.05 |
| Sao <br> Tome <br> and <br> Principe | Both | 70-74 years | 6.34 | 4.86 | 8.01 | Sao <br> Tome <br> and <br> Principe | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 5.58 | 4.29 | 7.02 | Sao <br> Tome <br> and <br> Principe | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.02 | 5.36 | 8.95 |
| Sao <br> Tome <br> and <br> Principe | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 8.40 | 6.70 | 10.40 | Sao <br> Tome <br> and <br> Principe | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 7.34 | 5.87 | 9.04 | Sao <br> Tome <br> and <br> Principe | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 9.26 | 7.33 | 11.53 |
| Sao <br> Tome <br> and <br> Principe | Both | All ages | 0.46 | 0.40 | 0.53 | Sao <br> Tome <br> and <br> Principe | Male | All ages | 0.40 | 0.34 | 0.46 | Sao <br> Tome and Principe | Female | All ages | 0.53 | 0.45 | 0.61 |
| Sao <br> Tome and Principe | Both | 80-84 | 10.40 | 8.43 | 12.87 | Sao <br> Tome and Principe | Male | 80-84 | 9.12 | 7.42 | 11.30 | Sao <br> Tome and Principe | Female | 80-84 | 11.45 | 9.25 | 14.19 |
| Sao <br> Tome <br> and <br> Principe | Both | 85-89 | 12.14 | 10.03 | 14.66 | Sao <br> Tome <br> and <br> Principe | Male | 85-89 | 10.71 | 8.80 | 13.05 |  | Female | 85-89 | 13.24 | 10.86 | 16.06 |
| Sao <br> Tome <br> and <br> Principe | Both | 90-94 | 13.58 | 11.26 | 16.18 | Sao <br> Tome <br> and <br> Principe | Male | 90-94 | 12.13 | 9.98 | 14.69 | Sao <br> Tome <br> and <br> Principe | Female | 90-94 | 14.67 | 12.11 | 17.49 |
| $\begin{aligned} & \text { Saudi } \\ & \text { Arabia } \end{aligned}$ | Both | 80-84 | 10.48 | 8.50 | 12.76 | Saudi Arabia | Male | 80-84 | 9.25 | 7.47 | 11.39 | $\begin{aligned} & \text { Saudi } \\ & \text { Arabia } \end{aligned}$ | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.40 | 0.28 | 0.54 |
| Saudi Arabia | Both | 85-89 | 12.64 | 10.42 | 15.32 | Saudi Arabia | Male | 85-89 | 11.08 | 9.07 | 13.46 | Saudi Arabia | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.84 | 0.64 | 1.05 |


| Saudi Arabia | Both | 90-94 | 14.51 | 11.99 | 17.26 | Saudi <br> Arabia | Male | 90-94 | 12.86 | 10.50 | 15.41 | Saudi <br> Arabia | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.49 | 1.12 | 1.87 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Saudi Arabia | Both | 40-44 years | 0.35 | 0.25 | 0.47 | Saudi Arabia | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.32 | 0.23 | 0.43 | Saudi Arabia | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.37 | 1.87 | 2.90 |
| Saudi Arabia | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.73 | 0.57 | 0.92 | Saudi Arabia | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.66 | 0.51 | 0.85 | Saudi Arabia | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.51 | 2.78 | 4.34 |
| Saudi Arabia | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.29 | 0.98 | 1.64 | Saudi Arabia | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.16 | 0.88 | 1.48 | Saudi <br> Arabia | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.23 | 4.25 | 6.41 |
| Saudi Arabia | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.06 | 1.62 | 2.50 | Saudi Arabia | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.84 | 1.43 | 2.26 | Saudi Arabia | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.45 | 5.83 | 9.31 |
| Saudi Arabia | Both | 60-64 years | 3.02 | 2.39 | 3.74 | Saudi Arabia | Male | 60-64 years | 2.69 | 2.13 | 3.36 | Saudi Arabia | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.78 | 7.88 | 11.87 |
| Saudi Arabia | Both | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.45 | 3.62 | 5.46 | Saudi Arabia | Male | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.96 | 3.21 | 4.91 | Saudi Arabia | Female | All ages | 0.49 | 0.42 | 0.56 |
| Saudi Arabia | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.27 | 4.90 | 7.77 | Saudi Arabia | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 5.58 | 4.36 | 6.99 | Saudi Arabia | Female | 80-84 | 12.11 | 9.81 | 14.72 |
| Saudi Arabia | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.28 | 6.71 | 10.05 | Saudi Arabia | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.37 | 5.97 | 8.96 | Saudi Arabia | Female | 85-89 | 14.17 | 11.71 | 17.13 |
| Saudi Arabia | Both | All ages | 0.45 | 0.38 | 0.51 | Saudi Arabia | Male | All ages | 0.42 | 0.35 | 0.48 | Saudi Arabia | Female | 90-94 | 15.97 | 13.24 | 19.21 |
| Senegal | Both | 80-84 | 10.29 | 8.35 | 12.63 | Senegal | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.28 | 0.20 | 0.39 | Senegal | Female | 80-84 | 11.34 | 9.14 | 13.81 |
| Senegal | Both | 85-89 | 12.01 | 9.78 | 14.48 | Senegal | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.62 | 0.47 | 0.79 | Senegal | Female | 85-89 | 13.10 | 10.65 | 15.75 |
| Senegal | Both | 90-94 | 13.50 | 11.05 | 16.18 | Senegal | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.12 | 0.84 | 1.43 | Senegal | Female | 90-94 | 14.49 | 11.90 | 17.36 |
| Senegal | Both | $40-44$ years | 0.30 | 0.22 | 0.41 | Senegal | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.79 | 1.38 | 2.19 | Senegal | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.32 | 0.24 | 0.44 |
| Senegal | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.67 | 0.51 | 0.85 | Senegal | Male | 60-64 years | 2.63 | 2.05 | 3.29 | Senegal | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.72 | 0.55 | 0.91 |
| Senegal | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.22 | 0.92 | 1.56 | Senegal | Male | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 3.91 | 3.12 | 4.85 | Senegal | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.32 | 0.99 | 1.69 |
| Senegal | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.97 | 1.53 | 2.41 | Senegal | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.55 | 4.31 | 6.99 | Senegal | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.15 | 1.67 | 2.62 |
| Senegal | Both | 60-64 years | 2.92 | 2.28 | 3.62 | Senegal | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 7.31 | 5.86 | 9.01 | Senegal | Female | 60-64 years | 3.21 | 2.51 | 4.03 |
| Senegal | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.38 | 3.51 | 5.41 | Senegal | Male | All ages | 0.38 | 0.33 | 0.44 | Senegal | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.84 | 3.86 | 5.99 |
| Senegal | Both | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 6.26 | 4.86 | 7.84 | Senegal | Male | 80-84 | 9.07 | 7.30 | 11.33 | Senegal | Female | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 6.94 | 5.30 | 8.64 |
| Senegal | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.29 | 6.66 | 10.05 | Senegal | Male | 85-89 | 10.63 | 8.63 | 12.99 | Senegal | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.16 | 7.30 | 11.09 |
| Senegal | Both | All ages | 0.44 | 0.38 | 0.51 | Senegal | Male | 90-94 | 12.03 | 9.84 | 14.50 | Senegal | Female | All ages | 0.50 | 0.43 | 0.58 |
| Serbia | Both | $40-44$ years | 0.49 | 0.36 | 0.66 | Serbia | Male | 80-84 | 12.66 | 10.36 | 15.66 | Serbia | Female | 80-84 | 15.80 | 12.82 | 19.14 |
| Serbia | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.03 | 0.81 | 1.30 | Serbia | Male | 85-89 | 14.56 | 11.88 | 17.80 | Serbia | Female | 85-89 | 17.73 | 14.44 | 21.26 |


| Serbia | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.83 | 1.38 | 2.33 | Serbia | Male | 90-94 | 16.15 | 13.20 | 19.54 | Serbia | Female | 90-94 | 19.01 | 15.65 | 22.45 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Serbia | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.91 | 2.30 | 3.54 | Serbia | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.45 | 0.33 | 0.62 | Serbia | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.53 | 0.38 | 0.71 |
| Serbia | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.29 | 3.37 | 5.43 | Serbia | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.94 | 0.73 | 1.17 | Serbia | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.13 | 0.88 | 1.43 |
| Serbia | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 6.45 | 5.18 | 7.90 | Serbia | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.63 | 1.25 | 2.07 | Serbia | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.02 | 1.51 | 2.60 |
| Serbia | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.20 | 7.21 | 11.61 | Serbia | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.57 | 2.05 | 3.15 | Serbia | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.22 | 2.52 | 3.98 |
| Serbia | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.95 | 9.60 | 14.69 | Serbia | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.77 | 2.98 | 4.69 | Serbia | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.76 | 3.68 | 6.06 |
| Serbia | Both | All ages | 2.63 | 2.25 | 3.04 | Serbia | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.62 | 4.55 | 6.89 | Serbia | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.17 | 5.76 | 8.83 |
| Serbia | Both | 80-84 | 14.55 | 11.89 | 17.66 | Serbia | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.98 | 6.22 | 10.02 | Serbia | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.21 | 7.96 | 13.04 |
| Serbia | Both | 85-89 | 16.63 | 13.64 | 20.02 | Serbia | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.38 | 8.39 | 12.72 | Serbia | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 13.16 | 10.38 | 16.26 |
| Serbia | Both | 90-94 | 17.71 | 14.63 | 21.16 | Serbia | Male | All ages | 2.10 | 1.80 | 2.42 | Serbia | Female | All ages | 3.13 | 2.68 | 3.64 |
| Seychelle | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.56 | 0.41 | 0.74 | Seychelle s | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.49 | 0.37 | 0.66 | Seychelle s | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.63 | 0.46 | 0.84 |
| Seychelle <br> s | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.22 | 0.95 | 1.53 | Seychelle s | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.05 | 0.82 | 1.33 | Seychelle <br> s | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.41 | 1.09 | 1.78 |
| Seychelle <br> s | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 2.20 | 1.69 | 2.81 | Seychelle s | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.86 | 1.44 | 2.37 | Seychelle <br> s | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.57 | 1.95 | 3.31 |
| Seychelle <br> s | Both | $\begin{aligned} & \text { 55-59 } \\ & \text { years } \end{aligned}$ | 3.45 | 2.72 | 4.21 | Seychelle s | Male | $\begin{aligned} & \text { 55-59 } \\ & \text { years } \end{aligned}$ | 2.87 | 2.28 | 3.48 | Seychelle s | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.05 | 3.17 | 4.98 |
| Seychelle <br> s | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.93 | 3.90 | 6.00 | Seychelle s | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 4.05 | 3.19 | 4.97 | Seychelle s | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.84 | 4.62 | 7.13 |
| Seychelle <br> s | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 7.02 | 5.68 | 8.49 | Seychelle s | Male | $\begin{aligned} & \\ & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.64 | 4.52 | 6.86 | Seychelle s | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 8.41 | 6.86 | 10.23 |
| Seychelle <br> s | Both | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 9.64 | 7.59 | 11.79 | Seychelle s | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.57 | 5.97 | 9.28 | Seychelle s | Female | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 11.57 | 9.07 | 14.27 |
| Seychelle <br> s | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 12.54 | 10.05 | 15.23 | Seychelle s | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 9.54 | 7.76 | 11.64 | Seychelle s | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 14.68 | 11.76 | 17.78 |
| Seychelle <br> s | Both | All ages | 1.65 | 1.42 | 1.89 | Seychelle s | Male | All ages | 1.19 | 1.01 | 1.36 | Seychelle s | Female | All ages | 2.15 | 1.86 | 2.46 |
| Seychelle <br> s | Both | 80-84 | 15.39 | 12.53 | 18.64 | Seychelle s | Male | 80-84 | 11.44 | 9.30 | 14.04 | Seychelle s | Female | 80-84 | 17.52 | 14.18 | 21.17 |
| Seychelle <br> s | Both | 85-89 | 17.59 | 14.53 | 21.00 | Seychelle s | Male | 85-89 | 13.05 | 10.80 | 15.77 | Seychelle s | Female | 85-89 | 19.65 | 16.18 | 23.43 |
| Seychelle <br> s | Both | 90-94 | 19.27 | 16.11 | 22.64 | Seychelle s | Male | 90-94 | 14.43 | 11.93 | 17.20 | Seychelle <br> s | Female | 90-94 | 21.16 | 17.70 | 24.91 |
| Sierra Leone | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.70 | 0.54 | 0.89 | $\begin{aligned} & \text { Sierra } \\ & \text { Leone } \end{aligned}$ | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.65 | 0.50 | 0.83 | $\begin{aligned} & \text { Sierra } \\ & \text { Leone } \end{aligned}$ | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.76 | 0.57 | 0.97 |
| Sierra Leone | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.28 | 0.96 | 1.65 | Sierra Leone | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.18 | 0.87 | 1.54 | $\begin{aligned} & \text { Sierra } \\ & \text { Leone } \end{aligned}$ | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.39 | 1.04 | 1.80 |


| Sierra <br> Leone | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.07 | 1.60 | 2.54 | Sierra <br> Leone | Male | $\begin{aligned} & \text { 55-59 } \\ & \text { years } \end{aligned}$ | 1.90 | 1.47 | 2.37 | Sierra Leone | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.26 | 1.73 | 2.77 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Sierra <br> Leone | Both | 60-64 years | 3.07 | 2.41 | 3.84 | Sierra Leone | Male | 60-64 years | 2.80 | 2.18 | 3.54 | Sierra <br> Leone | Female | 60-64 years | 3.37 | 2.64 | 4.23 |
| Sierra <br> Leone | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.62 | 3.71 | 5.70 | Sierra <br> Leone | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.15 | 3.32 | 5.16 | Sierra <br> Leone | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.10 | 4.07 | 6.27 |
| Sierra <br> Leone | Both | 70-74 years | 6.62 | 5.15 | 8.31 | Sierra Leone | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.89 | 4.52 | 7.44 | Sierra <br> Leone | Female | 70-74 years | 7.34 | 5.64 | 9.32 |
| Sierra <br> Leone | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.76 | 7.08 | 10.73 | Sierra <br> Leone | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.74 | 6.28 | 9.46 | $\begin{aligned} & \hline \text { Sierra } \\ & \text { Leone } \end{aligned}$ | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.67 | 7.70 | 11.93 |
| Sierra <br> Leone | Both | All ages | 0.40 | 0.34 | 0.46 | Sierra <br> Leone | Male | All ages | 0.36 | 0.31 | 0.42 | Sierra <br> Leone | Female | All ages | 0.43 | 0.37 | 0.50 |
| Sierra Leone | Both | 80-84 | 10.83 | 8.73 | 13.30 | Sierra Leone | Male | 80-84 | 9.57 | 7.70 | 11.74 | $\begin{aligned} & \text { Sierra } \\ & \text { Leone } \end{aligned}$ | Female | 80-84 | 11.90 | 9.51 | 14.69 |
| Sierra Leone | Both | 85-89 | 12.52 | 10.17 | 15.10 | Sierra Leone | Male | 85-89 | 11.14 | 9.02 | 13.50 | Sierra Leone | Female | 85-89 | 13.64 | 11.03 | 16.51 |
| Sierra Leone | Both | 90-94 | 13.90 | 11.46 | 16.79 | Sierra Leone | Male | 90-94 | 12.46 | 10.12 | 15.07 | Sierra Leone | Female | 90-94 | 14.95 | 12.24 | 18.09 |
| Sierra Leone | Both | 40-44 <br> years | 0.32 | 0.23 | 0.43 | Sierra Leone | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.30 | 0.21 | 0.40 | Sierra Leone | Female | 40-44 years | 0.34 | 0.24 | 0.46 |
| Singapor <br> e | Both | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.54 | 0.41 | 0.72 | Singapor <br> e | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.26 | 0.19 | 0.35 | $\begin{aligned} & \text { Singapor } \\ & \mathrm{e} \end{aligned}$ | Female | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.78 | 0.59 | 1.05 |
| $\begin{aligned} & \text { Singapor } \\ & \mathrm{e} \end{aligned}$ | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.87 | 0.68 | 1.09 | Singapor <br> e | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.54 | 0.42 | 0.69 | Singapor <br> e | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.33 | 1.06 | 1.68 |
| Singapor <br> e | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.45 | 1.12 | 1.83 | Singapor <br> e | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 0.96 | 0.73 | 1.21 | Singapor <br> e | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.95 | 1.51 | 2.50 |
| Singapor <br> e | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.13 | 1.69 | 2.59 | Singapor <br> e | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.60 | 1.27 | 1.95 | Singapor <br> e | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.75 | 2.18 | 3.35 |
| $\begin{aligned} & \text { Singapor } \\ & \text { e } \end{aligned}$ | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.14 | 2.52 | 3.85 | $\begin{aligned} & \text { Singapor } \\ & \mathrm{e} \end{aligned}$ | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.43 | 1.91 | 2.98 | $\begin{aligned} & \text { Singapor } \\ & \mathrm{e} \end{aligned}$ | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.89 | 3.11 | 4.77 |
| Singapor <br> e | Both | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 4.75 | 3.85 | 5.72 | Singapor <br> e | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.60 | 2.87 | 4.36 | Singapor <br> e | Female | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 5.97 | 4.85 | 7.23 |
| $\begin{aligned} & \text { Singapor } \\ & \mathrm{e} \\ & \hline \end{aligned}$ | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.92 | 5.42 | 8.58 | $\begin{aligned} & \text { Singapor } \\ & \mathrm{e} \end{aligned}$ | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.02 | 3.94 | 6.23 | $\begin{aligned} & \text { Singapor } \\ & \mathrm{e} \end{aligned}$ | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.78 | 6.84 | 10.94 |
| $\begin{aligned} & \text { Singapor } \\ & \mathrm{e} \end{aligned}$ | Both | $\begin{aligned} & \begin{array}{l} 75-79 \\ \text { years } \end{array} \end{aligned}$ | 9.48 | 7.67 | 11.47 | $\begin{aligned} & \text { Singapor } \\ & \mathrm{e} \end{aligned}$ | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 6.51 | 5.21 | 7.94 | $\begin{aligned} & \text { Singapor } \\ & \text { e } \end{aligned}$ | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 11.79 | 9.48 | 14.29 |
| Singapor <br> e | Both | All ages | 1.57 | 1.36 | 1.77 | Singapor <br> e | Male | All ages | 1.05 | 0.89 | 1.20 | Singapor $\mathrm{e}$ | Female | All ages | 2.09 | 1.81 | 2.37 |
| Singapor <br> e | Both | 80-84 | 12.01 | 9.75 | 14.60 | Singapor <br> e | Male | 80-84 | 8.03 | 6.45 | 9.91 | Singapor <br> e | Female | 80-84 | 14.87 | 12.05 | 18.07 |
| $\begin{aligned} & \text { Singapor } \\ & \text { e } \end{aligned}$ | Both | 85-89 | 14.56 | 12.04 | 17.43 | $\begin{aligned} & \text { Singapor } \\ & \text { e } \end{aligned}$ | Male | 85-89 | 9.51 | 7.81 | 11.57 | $\begin{aligned} & \text { Singapor } \\ & \mathrm{e} \end{aligned}$ | Female | 85-89 | 17.59 | 14.57 | 21.11 |
| Singapor <br> e | Both | 90-94 | 16.95 | 14.17 | 19.94 | Singapor <br> e | Male | 90-94 | 10.91 | 8.97 | 13.22 | $\begin{aligned} & \text { Singapor } \\ & \mathrm{e} \end{aligned}$ | Female | 90-94 | 19.78 | 16.50 | 23.33 |
| Slovakia | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.42 | 0.31 | 0.56 | Slovakia | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.19 | 2.50 | 3.96 | Slovakia | Female | $40-44$ years | 0.45 | 0.33 | 0.61 |
| Slovakia | Both | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.88 | 0.68 | 1.10 | Slovakia | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.72 | 3.80 | 5.74 | Slovakia | Female | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.96 | 0.74 | 1.21 |


| Slovakia | Both | 50-54 years | 1.55 | 1.19 | 1.98 | Slovakia | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.68 | 5.19 | 8.36 | Slovakia | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.70 | 1.30 | 2.21 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Slovakia | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.46 | 1.93 | 2.99 | Slovakia | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.76 | 6.97 | 10.72 | Slovakia | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.72 | 2.12 | 3.34 |
| Slovakia | Both | $60-64$ years | 3.64 | 2.86 | 4.50 | Slovakia | Male | All ages | 1.55 | 1.33 | 1.77 | Slovakia | Female | $60-64$ years | 4.04 | 3.15 | 5.00 |
| Slovakia | Both | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.47 | 4.43 | 6.66 | Slovakia | Male | 80-84 | 10.84 | 8.62 | 13.22 | Slovakia | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 6.07 | 4.92 | 7.41 |
| Slovakia | Both | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 7.83 | 6.09 | 9.74 | Slovakia | Male | 85-89 | 12.71 | 10.36 | 15.25 | Slovakia | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 8.64 | 6.73 | 10.77 |
| Slovakia | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 10.31 | 8.16 | 12.61 | Slovakia | Male | 90-94 | 14.41 | 11.89 | 17.20 | Slovakia | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 11.21 | 8.85 | 13.63 |
| Slovakia | Both | All ages | 2.10 | 1.79 | 2.40 | Slovakia | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.39 | 0.28 | 0.53 | Slovakia | Female | All ages | 2.61 | 2.23 | 2.98 |
| Slovakia | Both | 80-84 | 12.72 | 10.36 | 15.49 | Slovakia | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.80 | 0.62 | 1.00 | Slovakia | Female | 80-84 | 13.63 | 11.00 | 16.67 |
| Slovakia | Both | 85-89 | 14.76 | 12.21 | 17.68 | Slovakia | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.39 | 1.06 | 1.77 | Slovakia | Female | 85-89 | 15.61 | 12.91 | 18.71 |
| Slovakia | Both | 90-94 | 16.48 | 13.62 | 19.59 | Slovakia | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.18 | 1.72 | 2.68 | Slovakia | Female | 90-94 | 17.17 | 14.17 | 20.44 |
| Slovenia | Both | 40-44 <br> years | 0.43 | 0.32 | 0.57 | Slovenia | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.40 | 0.30 | 0.54 | Slovenia | Female | 40-44 years | 0.46 | 0.33 | 0.62 |
| Slovenia | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.90 | 0.70 | 1.14 | Slovenia | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.82 | 0.64 | 1.03 | Slovenia | Female | $\begin{aligned} & \hline 45-49 \\ & \text { vears } \end{aligned}$ | 0.98 | 0.76 | 1.26 |
| Slovenia | Both | $50-54$ years | 1.59 | 1.22 | 2.03 | Slovenia | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.42 | 1.08 | 1.80 | Slovenia | Female | $50-54$ years | 1.76 | 1.33 | 2.28 |
| Slovenia | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.55 | 2.02 | 3.10 | Slovenia | Male | $\begin{aligned} & 55-59 \\ & \text { vears } \end{aligned}$ | 2.26 | 1.79 | 2.75 | Slovenia | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.84 | 2.20 | 3.50 |
| Slovenia | Both | 60-64 years | 3.80 | 3.02 | 4.71 | Slovenia | Male | $\overline{60-64}$ years | 3.34 | 2.66 | 4.16 | Slovenia | Female | 60-64 years | 4.26 | 3.33 | 5.29 |
| Slovenia | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.69 | 4.62 | 6.94 | Slovenia | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.95 | 3.99 | 6.05 | Slovenia | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.41 | 5.17 | 7.84 |
| Slovenia | Both | $70-74$ years | 8.13 | 6.36 | 10.14 | Slovenia | Male | $70-74$ years | 6.98 | 5.39 | 8.72 | Slovenia | Female | $70-74$ years | 9.10 | 7.06 | 11.39 |
| Slovenia | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.66 | 8.61 | 13.08 | Slovenia | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.13 | 7.25 | 11.08 | Slovenia | Female | $\begin{aligned} & \begin{array}{l} 75-79 \\ \text { years } \end{array} \end{aligned}$ | 11.79 | 9.46 | 14.48 |
| Slovenia | Both | All ages | 2.73 | 2.36 | 3.12 | Slovenia | Male | All ages | 2.04 | 1.76 | 2.34 | Slovenia | Female | All ages | 3.38 | 2.93 | 3.89 |
| Slovenia | Both | 80-84 | 13.15 | 10.72 | 15.87 | Slovenia | Male | 80-84 | 11.27 | 9.08 | 13.82 | Slovenia | Female | 80-84 | 14.29 | 11.59 | 17.15 |
| Slovenia | Both | 85-89 | 15.36 | 12.66 | 18.42 | Slovenia | Male | 85-89 | 13.18 | 10.79 | 15.93 | Slovenia | Female | 85-89 | 16.28 | 13.42 | 19.56 |
| Slovenia | Both | 90-94 | 17.20 | 14.27 | 20.47 | Slovenia | Male | 90-94 | 14.93 | 12.24 | 17.86 | Slovenia | Female | 90-94 | 17.80 | 14.81 | 21.29 |
| Solomon Islands | Both | 40-44 <br> years | 0.58 | 0.44 | 0.77 | Solomon Islands | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.52 | 0.39 | 0.71 | Solomon Islands | Female | 40-44 years | 0.64 | 0.48 | 0.84 |
| Solomon Islands | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.27 | 0.99 | 1.59 | Solomon Islands | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.12 | 0.87 | 1.42 | Solomon Islands | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.42 | 1.11 | 1.79 |


| Solomon Islands | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 2.26 | 1.74 | 2.88 | Solomon Islands | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.97 | 1.50 | 2.53 | Solomon Islands | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 2.56 | 1.97 | 3.27 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Solomon Islands | Both | $\begin{aligned} & \text { 55-59 } \\ & \text { years } \\ & \hline \end{aligned}$ | 3.46 | 2.71 | 4.22 | Solomon Islands | Male | $\begin{aligned} & \text { 55-59 } \\ & \text { years } \\ & \hline \end{aligned}$ | 3.02 | 2.38 | 3.69 | Solomon Islands | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.94 | 3.08 | 4.87 |
| Solomon Islands | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.85 | 3.82 | 6.03 | Solomon Islands | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.20 | 3.31 | 5.21 | Solomon <br> Islands | Female | 60-64 years | 5.55 | 4.34 | 6.91 |
| Solomon Islands | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 6.91 | 5.56 | 8.45 | Solomon Islands | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.85 | 4.71 | 7.21 | Solomon <br> Islands | Female | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.02 | 6.41 | 9.86 |
| Solomon Islands | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.51 | 7.43 | 11.83 | Solomon Islands | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.87 | 6.12 | 9.79 | Solomon Islands | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.14 | 8.68 | 13.97 |
| Solomon Islands | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.95 | 9.64 | 14.48 | Solomon Islands | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 9.80 | 7.88 | 11.90 | Solomon <br> Islands | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 14.07 | 11.22 | 17.08 |
| Solomon Islands | Both | All ages | 0.63 | 0.53 | 0.72 | Solomon Islands | Male | All ages | 0.54 | 0.46 | 0.62 | Solomon Islands | Female | All ages | 0.72 | 0.61 | 0.83 |
| Solomon <br> Islands | Both | 80-84 | 13.92 | 11.46 | 16.71 | Solomon Islands | Male | 80-84 | 11.50 | 9.43 | 13.93 | Solomon Islands | Female | 80-84 | 16.56 | 13.56 | 20.11 |
| Solomon Islands | Both | 85-89 | 15.20 | 12.55 | 18.26 | Solomon Islands | Male | 85-89 | 12.73 | 10.36 | 15.26 | Solomon Islands | Female | 85-89 | 18.11 | 14.96 | 21.89 |
| Solomon <br> Islands | Both | 90-94 | 15.89 | 13.12 | 19.20 | Solomon <br> Islands | Male | 90-94 | 13.59 | 11.12 | 16.33 | Solomon <br> Islands | Female | 90-94 | 18.89 | 15.64 | 22.70 |
| Somalia | Both | 80-84 | 10.74 | 8.73 | 13.10 | Somalia | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.27 | 0.20 | 0.36 | Somalia | Female | 80-84 | 11.74 | 9.52 | 14.39 |
| Somalia | Both | 85-89 | 12.40 | 10.18 | 15.04 | Somalia | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.59 | 0.46 | 0.75 | Somalia | Female | 85-89 | 13.36 | 11.01 | 16.19 |
| Somalia | Both | 90-94 | 13.66 | 11.35 | 16.33 | Somalia | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.06 | 0.80 | 1.36 | Somalia | Female | 90-94 | 14.49 | 12.04 | 17.35 |
| Somalia | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.31 | 0.22 | 0.41 | Somalia | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.70 | 1.32 | 2.09 | Somalia | Female | 40-44 years | 0.34 | 0.25 | 0.46 |
| Somalia | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.67 | 0.52 | 0.86 | Somalia | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 2.51 | 1.96 | 3.15 | Somalia | Female | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.75 | 0.57 | 0.97 |
| Somalia | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.22 | 0.92 | 1.59 | Somalia | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.73 | 2.97 | 4.65 | Somalia | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.37 | 1.02 | 1.79 |
| Somalia | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.99 | 1.55 | 2.44 | Somalia | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.30 | 4.03 | 6.72 | Somalia | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.21 | 1.73 | 2.74 |
| Somalia | Both | 60-64 years | 2.96 | 2.32 | 3.71 | Somalia | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 6.97 | 5.60 | 8.48 | Somalia | Female | 60-64 years | 3.29 | 2.57 | 4.15 |
| Somalia | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.49 | 3.57 | 5.56 | Somalia | Male | All ages | 0.19 | 0.16 | 0.22 | Somalia | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.02 | 3.98 | 6.25 |
| Somalia | Both | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 6.48 | 4.96 | 8.14 | Somalia | Male | 80-84 | 8.62 | 6.88 | 10.45 | Somalia | Female | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 7.26 | 5.55 | 9.17 |
| Somalia | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 8.65 | 6.93 | 10.53 | Somalia | Male | 85-89 | 10.03 | 8.20 | 12.20 | Somalia | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 9.57 | 7.69 | 11.69 |
| Somalia | Both | All ages | 0.27 | 0.23 | 0.31 | Somalia | Male | 90-94 | 11.24 | 9.28 | 13.59 | Somalia | Female | All ages | 0.36 | 0.30 | 0.41 |
| South <br> Africa | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.58 | 1.20 | 2.02 | South <br> Africa | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.27 | 0.20 | 0.35 | South Africa | Female | 40-44 years | 0.43 | 0.32 | 0.57 |
| South Africa | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.64 | 2.07 | 3.22 | South Africa | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.61 | 0.47 | 0.77 | South <br> Africa | Female | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.02 | 0.78 | 1.28 |


| South <br> Africa | Both | 60-64 years | 4.01 | 3.14 | 4.96 | South <br> Africa | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.14 | 0.87 | 1.46 | South Africa | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.95 | 1.48 | 2.50 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| South <br> Africa | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.08 | 4.92 | 7.41 | South <br> Africa | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.87 | 1.46 | 2.29 | South Africa | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.26 | 2.56 | 3.99 |
| South <br> Africa | Both | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.72 | 6.78 | 10.87 | South <br> Africa | Male | $60-64$ years | 2.78 | 2.19 | 3.45 | South Africa | Female | 60-64 years | 4.96 | 3.88 | 6.16 |
| South Africa | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.68 | 9.39 | 14.28 | South Africa | Male | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.11 | 3.33 | 5.02 | South Africa | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.54 | 6.10 | 9.20 |
| South Africa | Both | All ages | 1.01 | 0.88 | 1.16 | South <br> Africa | Male | $70-74$ years | 5.77 | 4.48 | 7.19 | South Africa | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 10.78 | 8.40 | 13.44 |
| South <br> Africa | Both | 80-84 | 14.80 | 12.12 | 18.03 | South <br> Africa | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 7.60 | 6.10 | 9.32 | South Africa | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 14.13 | 11.37 | 17.33 |
| South Africa | Both | 85-89 | 17.29 | 14.28 | 20.79 | South <br> Africa | Male | All ages | 0.58 | 0.50 | 0.66 | South Africa | Female | All ages | 1.42 | 1.24 | 1.62 |
| South Africa | Both | 90-94 | 19.21 | 15.98 | 22.73 | South Africa | Male | 80-84 | 9.51 | 7.69 | 11.71 | South Africa | Female | 80-84 | 17.34 | 14.20 | 21.06 |
| South Africa | Both | $40-44$ years | 0.35 | 0.26 | 0.46 | South Africa | Male | 85-89 | 11.28 | 9.30 | 13.59 | South Africa | Female | 85-89 | 19.75 | 16.35 | 23.76 |
| South <br> Africa | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.82 | 0.63 | 1.04 | South <br> Africa | Male | 90-94 | 12.93 | 10.65 | 15.43 | South Africa | Female | 90-94 | 21.39 | 17.79 | 25.34 |
| South Sudan | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.67 | 0.51 | 0.85 | South Sudan | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.59 | 0.45 | 0.75 | South Sudan | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.34 | 0.24 | 0.45 |
| South Sudan | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.22 | 0.92 | 1.55 | South <br> Sudan | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.07 | 0.80 | 1.39 | South Sudan | Female | $\begin{aligned} & \text { 45-49 } \\ & \text { years } \end{aligned}$ | 0.74 | 0.57 | 0.95 |
| South Sudan | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.98 | 1.55 | 2.42 | $\begin{aligned} & \hline \text { South } \\ & \text { Sudan } \\ & \hline \end{aligned}$ | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.74 | 1.36 | 2.16 | South Sudan | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.37 | 1.03 | 1.74 |
| South Sudan | Both | 60-64 years | 2.96 | 2.34 | 3.69 | South Sudan | Male | 60-64 years | 2.59 | 2.03 | 3.26 | South Sudan | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.25 | 1.77 | 2.75 |
| $\begin{aligned} & \hline \text { South } \\ & \text { Sudan } \end{aligned}$ | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.43 | 3.58 | 5.45 | $\begin{aligned} & \text { South } \\ & \text { Sudan } \end{aligned}$ | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 3.84 | 3.03 | 4.73 | $\begin{aligned} & \hline \text { South } \\ & \text { Sudan } \end{aligned}$ | Female | 60-64 years | 3.40 | 2.69 | 4.24 |
| South Sudan | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.32 | 4.91 | 7.85 | South <br> Sudan | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 5.43 | 4.18 | 6.84 | South Sudan | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.13 | 4.15 | 6.32 |
| South Sudan | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 8.36 | 6.73 | 10.24 | $\begin{aligned} & \hline \text { South } \\ & \text { Sudan } \end{aligned}$ | Male | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.20 | 5.73 | 8.80 | $\begin{aligned} & \text { South } \\ & \text { Sudan } \end{aligned}$ | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.34 | 5.68 | 9.16 |
| South Sudan | Both | All ages | 0.37 | 0.31 | 0.42 | South <br> Sudan | Male | All ages | 0.34 | 0.29 | 0.39 | South Sudan | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 9.75 | 7.88 | 11.93 |
| South <br> Sudan | Both | 80-84 | 10.48 | 8.40 | 12.82 | $\begin{aligned} & \hline \text { South } \\ & \text { Sudan } \end{aligned}$ | Male | 80-84 | 9.03 | 7.22 | 11.13 | South <br> Sudan | Female | All ages | 0.39 | 0.34 | 0.45 |
| South <br> Sudan | Both | 85-89 | 12.40 | 10.19 | 14.91 | South Sudan | Male | 85-89 | 10.75 | 8.77 | 13.04 | South <br> Sudan | Female | 80-84 | 12.20 | 9.79 | 14.81 |
| South <br> Sudan | Both | 90-94 | 14.35 | 11.93 | 17.13 | South Sudan | Male | 90-94 | 12.38 | 10.24 | 15.00 | South <br> Sudan | Female | 85-89 | 14.28 | 11.67 | 17.23 |
| South Sudan | Both | $40-44$ years | 0.31 | 0.22 | 0.41 | $\begin{aligned} & \hline \text { South } \\ & \text { Sudan } \end{aligned}$ | Male | $40-44$ years | 0.27 | 0.19 | 0.36 | South Sudan | Female | 90-94 | 16.02 | 13.34 | 19.02 |
| Spain | Both | 80-84 | 19.22 | 15.77 | 23.24 | Spain | Male | $40-44$ years | 0.50 | 0.38 | 0.66 | Spain | Female | 80-84 | 21.96 | 17.98 | 26.62 |
| Spain | Both | 85-89 | 21.96 | 18.22 | 26.16 | Spain | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.04 | 0.81 | 1.32 | Spain | Female | 85-89 | 24.78 | 20.61 | 29.46 |


| Spain | Both | 90-94 | 24.01 | 20.15 | 28.35 | Spain | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.84 | 1.41 | 2.34 | Spain | Female | 90-94 | 26.56 | 22.24 | 31.30 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Spain | Both | 40-44 years | 0.96 | 0.73 | 1.26 | Spain | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.05 | 2.39 | 3.74 | Spain | Female | $40-44$ years | 1.42 | 1.07 | 1.83 |
| Spain | Both | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.67 | 1.32 | 2.06 | Spain | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.67 | 3.66 | 5.78 | Spain | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 2.29 | 1.81 | 2.86 |
| Spain | Both | 50-54 years | 2.52 | 1.98 | 3.13 | Spain | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 7.07 | 5.67 | 8.61 | Spain | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.17 | 2.49 | 3.98 |
| Spain | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.69 | 2.92 | 4.48 | Spain | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.00 | 7.85 | 12.36 | Spain | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.30 | 3.44 | 5.28 |
| Spain | Both | 60-64 years | 5.35 | 4.27 | 6.56 | Spain | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 12.76 | 10.29 | 15.43 | Spain | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 5.99 | 4.81 | 7.34 |
| Spain | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.26 | 6.71 | 9.93 | Spain | Male | All ages | 2.93 | 2.50 | 3.36 | Spain | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.34 | 7.58 | 11.38 |
| Spain | Both | 70-74 years | 12.07 | 9.45 | 15.01 | Spain | Male | 80-84 | 15.18 | 12.34 | 18.39 | Spain | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 13.85 | 10.82 | 17.56 |
| Spain | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 15.78 | 12.89 | 19.32 | Spain | Male | 85-89 | 16.98 | 13.93 | 20.62 | Spain | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 18.16 | 14.79 | 22.26 |
| Spain | Both | All ages | 4.06 | 3.51 | 4.63 | Spain | Male | 90-94 | 18.15 | 15.01 | 21.76 | Spain | Female | All ages | 5.10 | 4.42 | 5.84 |
| $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Both | 40-44 years | 0.55 | 0.41 | 0.73 | Sri Lanka | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.48 | 0.35 | 0.64 | $\begin{aligned} & \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Female | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.62 | 0.45 | 0.83 |
| Sri Lanka | Both | $\begin{array}{r} 45-49 \\ \text { years } \\ \hline \end{array}$ | 1.20 | 0.93 | 1.52 | Sri Lanka | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.02 | 0.80 | 1.29 | $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.37 | 1.06 | 1.73 |
| $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.17 | 1.65 | 2.77 | Sri Lanka | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.81 | 1.37 | 2.31 | $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.50 | 1.89 | 3.20 |
| $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.41 | 2.67 | 4.12 | $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.79 | 2.20 | 3.42 | $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.95 | 3.07 | 4.85 |
| $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.88 | 3.85 | 5.96 | $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.92 | 3.13 | 4.79 | $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.70 | 4.46 | 7.04 |
| $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.94 | 5.65 | 8.41 | $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.44 | 4.44 | 6.55 | $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Female | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 8.17 | 6.60 | 9.89 |
| $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Both | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.46 | 7.46 | 11.76 | $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.26 | 5.76 | 9.02 | $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.13 | 8.75 | 13.92 |
| $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 11.94 | 9.68 | 14.60 | $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.07 | 7.41 | 11.09 | $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 13.99 | 11.25 | 17.27 |
| $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Both | All ages | 1.75 | 1.51 | 2.01 | $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Male | All ages | 1.27 | 1.09 | 1.47 | $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Female | All ages | 2.19 | 1.88 | 2.51 |
| $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Both | 80-84 | 14.26 | 11.79 | 17.31 | Sri Lanka | Male | 80-84 | 10.75 | 8.74 | 13.06 | $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Female | 80-84 | 16.52 | 13.57 | 20.16 |
| $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Both | 85-89 | 16.09 | 13.40 | 19.35 | Sri Lanka | Male | 85-89 | 12.11 | 9.94 | 14.55 | $\begin{aligned} & \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Female | 85-89 | 18.34 | 15.28 | 22.21 |
| $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Both | 90-94 | 17.43 | 14.50 | 20.63 | $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Male | 90-94 | 13.23 | 11.00 | 15.63 | $\begin{aligned} & \hline \text { Sri } \\ & \text { Lanka } \end{aligned}$ | Female | 90-94 | 19.53 | 16.24 | 23.29 |
| Sudan | Both | 40-44 years | 0.35 | 0.26 | 0.47 | Sudan | Male | 80-84 | 8.43 | 6.77 | 10.29 | Sudan | Female | 80-84 | 10.94 | 8.86 | 13.42 |
| Sudan | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.73 | 0.56 | 0.91 | Sudan | Male | 85-89 | 9.85 | 7.97 | 11.83 | Sudan | Female | 85-89 | 12.50 | 10.13 | 15.14 |


| Sudan | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.27 | 0.96 | 1.60 | Sudan | Male | 90-94 | 11.14 | 9.14 | 13.37 | Sudan | Female | 90-94 | 13.74 | 11.24 | 16.55 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Sudan | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.97 | 1.56 | 2.39 | Sudan | Male | $40-44$ years | 0.31 | 0.23 | 0.42 | Sudan | Female | 40-44 years | 0.38 | 0.28 | 0.52 |
| Sudan | Both | 60-64 years | 2.85 | 2.27 | 3.52 | Sudan | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.64 | 0.50 | 0.80 | Sudan | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.81 | 0.63 | 1.02 |
| Sudan | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.21 | 3.39 | 5.12 | Sudan | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.12 | 0.85 | 1.41 | Sudan | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.43 | 1.08 | 1.82 |
| Sudan | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.97 | 4.59 | 7.42 | Sudan | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.74 | 1.36 | 2.14 | Sudan | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.25 | 1.76 | 2.73 |
| Sudan | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.79 | 6.21 | 9.46 | Sudan | Male | 60-64 years | 2.51 | 1.99 | 3.12 | Sudan | Female | 60-64 years | 3.27 | 2.58 | 4.07 |
| Sudan | Both | All ages | 0.41 | 0.35 | 0.46 | Sudan | Male | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.70 | 2.95 | 4.49 | Sudan | Female | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.87 | 3.88 | 5.99 |
| Sudan | Both | 80-84 | 9.57 | 7.75 | 11.72 | Sudan | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.23 | 4.05 | 6.50 | Sudan | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.93 | 5.32 | 8.67 |
| Sudan | Both | 85-89 | 11.10 | 9.12 | 13.29 | Sudan | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.84 | 5.45 | 8.27 | Sudan | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.01 | 7.06 | 10.98 |
| Sudan | Both | 90-94 | 12.48 | 10.26 | 14.85 | Sudan | Male | All ages | 0.39 | 0.33 | 0.44 | Sudan | Female | All ages | 0.42 | 0.36 | 0.49 |
| Suriname | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.72 | 0.56 | 0.91 | Suriname | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.60 | 0.46 | 0.77 | Suriname | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.39 | 0.28 | 0.52 |
| Suriname | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.27 | 0.96 | 1.64 | Suriname | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.06 | 0.80 | 1.36 | Suriname | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.83 | 0.64 | 1.06 |
| Suriname | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.04 | 1.59 | 2.55 | Suriname | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.70 | 1.31 | 2.11 | Suriname | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.48 | 1.12 | 1.93 |
| Suriname | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.09 | 2.43 | 3.86 | Suriname | Male | $\begin{array}{\|l} \hline 60-64 \\ \text { years } \\ \hline \end{array}$ | 2.55 | 1.98 | 3.22 | Suriname | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.38 | 1.85 | 2.96 |
| Suriname | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.87 | 3.92 | 6.00 | Suriname | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.99 | 3.14 | 4.93 | Suriname | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.60 | 2.79 | 4.48 |
| Suriname | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.24 | 5.60 | 9.12 | Suriname | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 5.90 | 4.49 | 7.47 | Suriname | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.63 | 4.52 | 6.90 |
| Suriname | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.65 | 7.63 | 11.85 | Suriname | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.88 | 6.26 | 9.69 | Suriname | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.30 | 6.39 | 10.41 |
| Suriname | Both | All ages | 1.11 | 0.95 | 1.27 | Suriname | Male | All ages | 0.84 | 0.71 | 0.95 | Suriname | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 11.00 | 8.66 | 13.61 |
| Suriname | Both | 80-84 | 11.95 | 9.67 | 14.67 | Suriname | Male | 80-84 | 9.77 | 7.90 | 12.09 | Suriname | Female | All ages | 1.37 | 1.17 | 1.57 |
| Suriname | Both | 85-89 | 13.83 | 11.23 | 16.82 | Suriname | Male | 85-89 | 11.36 | 9.26 | 13.78 | Suriname | Female | 80-84 | 13.50 | 10.84 | 16.55 |
| Suriname | Both | 90-94 | 15.28 | 12.60 | 18.31 | Suriname | Male | 90-94 | 12.71 | 10.31 | 15.32 | Suriname | Female | 85-89 | 15.34 | 12.47 | 18.80 |
| Suriname | Both | $40-44$ years | 0.34 | 0.25 | 0.45 | Suriname | Male | $40-44$ <br> years | 0.29 | 0.21 | 0.39 | Suriname | Female | 90-94 | 16.61 | 13.59 | 19.84 |
| Sweden | Both | $40-44$ years | 0.94 | 0.71 | 1.23 | Sweden | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.98 | 1.53 | 2.52 | Sweden | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 1.42 | 1.07 | 1.86 |
| Sweden | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.74 | 1.36 | 2.15 | Sweden | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.36 | 2.67 | 4.09 | Sweden | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 2.42 | 1.89 | 3.01 |


| Sweden | Both | $50-54$ years | 2.75 | 2.14 | 3.43 | Sweden | Male | $60-64$ years | 5.20 | 4.10 | 6.49 | Sweden | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 3.54 | 2.71 | 4.42 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Sweden | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.13 | 3.26 | 4.98 | Sweden | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 7.80 | 6.33 | 9.50 | Sweden | Female | $\begin{aligned} & \text { 55-59 } \\ & \text { years } \end{aligned}$ | 4.91 | 3.88 | 5.95 |
| Sweden | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.01 | 4.84 | 7.41 | Sweden | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.91 | 8.44 | 13.59 | Sweden | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.83 | 5.49 | 8.29 |
| Sweden | Both | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.17 | 7.47 | 11.03 | Sweden | Male | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 13.85 | 11.18 | 16.99 | Sweden | Female | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.50 | 8.56 | 12.55 |
| Sweden | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 13.21 | 10.33 | 16.46 | Sweden | Male | All ages | 3.25 | 2.75 | 3.73 | Sweden | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 15.40 | 12.04 | 19.17 |
| Sweden | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 17.16 | 13.78 | 20.95 | Sweden | Male | 80-84 | 16.47 | 13.47 | 20.04 | Sweden | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 20.20 | 16.21 | 24.50 |
| Sweden | Both | All ages | 4.31 | 3.72 | 4.92 | Sweden | Male | 85-89 | 18.35 | 15.23 | 22.20 | Sweden | Female | All ages | 5.35 | 4.60 | 6.11 |
| Sweden | Both | 80-84 | 20.95 | 17.29 | 25.24 | Sweden | Male | 90-94 | 19.54 | 16.33 | 23.37 | Sweden | Female | 80-84 | 24.54 | 20.25 | 29.39 |
| Sweden | Both | 85-89 | 23.92 | 20.05 | 28.56 | Sweden | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.48 | 0.35 | 0.64 | Sweden | Female | 85-89 | 27.54 | 23.16 | 32.72 |
| Sweden | Both | 90-94 | 25.93 | 21.77 | 30.60 | Sweden | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.07 | 0.82 | 1.35 | Sweden | Female | 90-94 | 29.28 | 24.58 | 34.51 |
| Switzerla nd | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.02 | 0.77 | 1.35 | Switzerla nd | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.55 | 0.41 | 0.75 | Switzerla nd | Female | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 1.49 | 1.11 | 1.94 |
| Switzerla nd | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.78 | 1.40 | 2.20 | Switzerla nd | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.15 | 0.89 | 1.46 | Switzerla nd | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 2.40 | 1.88 | 2.99 |
| Switzerla nd | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 2.67 | 2.07 | 3.34 | Switzerla nd | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.05 | 1.56 | 2.62 | Switzerla nd | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 3.30 | 2.54 | 4.12 |
| Switzerla nd | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.94 | 3.17 | 4.73 | Switzerla nd | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.43 | 2.73 | 4.19 | Switzerla nd | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.45 | 3.54 | 5.48 |
| Switzerla nd | Both | 60-64 years | 5.75 | 4.64 | 7.03 | Switzerla nd | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 5.31 | 4.19 | 6.58 | Switzerla nd | Female | $\begin{array}{\|l\|} \hline 60-64 \\ \text { years } \\ \hline \end{array}$ | 6.19 | 4.99 | 7.59 |
| Switzerla nd | Both | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 8.90 | 7.19 | 10.70 | Switzerla nd | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 8.06 | 6.49 | 9.76 | Switzerla nd | Female | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 9.69 | 7.91 | 11.69 |
| Switzerla nd | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 13.00 | 10.06 | 16.18 | Switzerla nd | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 11.40 | 8.86 | 14.12 | Switzerla nd | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 14.44 | 11.09 | 18.07 |
| Switzerla nd | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 16.98 | 13.70 | 20.63 | Switzerla nd | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 14.55 | 11.69 | 17.59 | Switzerla nd | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 19.02 | 15.19 | 23.20 |
| Switzerla nd | Both | All ages | 4.13 | 3.58 | 4.70 | Switzerla nd | Male | All ages | 3.23 | 2.78 | 3.69 | Switzerla nd | Female | All ages | 4.99 | 4.33 | 5.69 |
| Switzerla nd | Both | 80-84 | 20.66 | 17.10 | 24.69 | Switzerla nd | Male | 80-84 | 17.32 | 14.23 | 20.87 | Switzerla nd | Female | 80-84 | 23.11 | 18.97 | 27.67 |
| Switzerla nd | Both | 85-89 | 23.62 | 19.67 | 28.11 | Switzerla nd | Male | 85-89 | 19.36 | 15.97 | 23.20 | Switzerla nd | Female | 85-89 | 26.17 | 21.84 | 31.22 |
| Switzerla nd | Both | 90-94 | 25.81 | 21.75 | 30.21 | Switzerla nd | Male | 90-94 | 20.66 | 17.13 | 24.34 | Switzerla nd | Female | 90-94 | 28.15 | 23.67 | 33.08 |
| $\begin{aligned} & \hline \text { Syrian } \\ & \text { Arab } \\ & \text { Republic } \end{aligned}$ | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.81 | 0.63 | 1.03 | $\begin{aligned} & \hline \text { Syrian } \\ & \text { Arab } \\ & \text { Republic } \end{aligned}$ | Male | $40-44$ years | 0.34 | 0.24 | 0.46 | Syrian <br> Arab <br> Republic | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.91 | 0.70 | 1.15 |
| Syrian <br> Arab <br> Republic | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.43 | 1.08 | 1.84 | Syrian <br> Arab <br> Republic | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.71 | 0.55 | 0.91 | Syrian <br> Arab <br> Republic | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.62 | 1.22 | 2.07 |


| Syrian <br> Arab <br> Republic | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.25 | 1.76 | 2.75 | Syrian <br> Arab <br> Republic | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.25 | 0.95 | 1.61 | Syrian Arab Republic | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.56 | 1.98 | 3.17 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Syrian <br> Arab <br> Republic | Both | 60-64 years | 3.28 | 2.56 | 4.02 | Syrian <br> Arab <br> Republic | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.96 | 1.52 | 2.42 | Syrian Arab Republic | Female | 60-64 years | 3.74 | 2.93 | 4.64 |
| Syrian <br> Arab <br> Republic | Both | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 4.88 | 3.89 | 5.90 | $\begin{aligned} & \hline \text { Syrian } \\ & \text { Arab } \\ & \text { Republic } \\ & \hline \end{aligned}$ | Male | 60-64 years | 2.84 | 2.21 | 3.53 | Syrian Arab Republic | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.58 | 4.45 | 6.79 |
| Syrian Arab Republic | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.93 | 5.30 | 8.57 | Syrian Arab Republic | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.20 | 3.34 | 5.13 | Syrian Arab Republic | Female | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 7.91 | 6.02 | 9.83 |
| Syrian <br> Arab <br> Republic | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 9.00 | 7.26 | 11.02 | Syrian <br> Arab <br> Republic | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 5.96 | 4.58 | 7.52 | Syrian Arab Republic | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 10.24 | 8.23 | 12.56 |
| Syrian <br> Arab <br> Republic | Both | All ages | 0.88 | 0.76 | 1.01 | Syrian Arab Republic | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 7.78 | 6.22 | 9.53 | $\begin{aligned} & \hline \text { Syrian } \\ & \text { Arab } \\ & \text { Republic } \end{aligned}$ | Female | All ages | 0.93 | 0.79 | 1.06 |
| Syrian <br> Arab <br> Republic | Both | 80-84 | 10.88 | 8.81 | 13.25 | Syrian <br> Arab <br> Republic | Male | All ages | 0.83 | 0.71 | 0.96 | Syrian <br> Arab <br> Republic | Female | 80-84 | 12.38 | 10.04 | 14.98 |
| Syrian <br> Arab <br> Republic | Both | 85-89 | 12.27 | 10.02 | 14.73 | Syrian Arab Republic | Male | 80-84 | 9.55 | 7.70 | 11.66 | Syrian Arab Republic | Female | 85-89 | 14.05 | 11.47 | 17.09 |
| Syrian <br> Arab <br> Republic | Both | 90-94 | 12.95 | 10.68 | 15.59 | Syrian <br> Arab <br> Republic | Male | 85-89 | 11.08 | 8.99 | 13.54 | Syrian Arab Republic | Female | 90-94 | 15.28 | 12.59 | 18.24 |
| Syrian <br> Arab <br> Republic | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.39 | 0.28 | 0.53 | Syrian <br> Arab <br> Republic | Male | 90-94 | 12.41 | 10.18 | 15.02 | Syrian Arab Republic | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.43 | 0.31 | 0.59 |
| Taiwan (Province of China) | Both | $40-44$ years | 0.69 | 0.51 | 0.90 | Taiwan (Province of China) | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.56 | 0.40 | 0.78 | Taiwan (Province of China) | Female | 80-84 | 16.09 | 13.56 | 19.34 |
| Taiwan (Province of China) | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.63 | 1.29 | 1.97 | Taiwan (Province of China) | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.30 | 0.99 | 1.63 | Taiwan (Province of China) | Female | 85-89 | 17.50 | 14.72 | 21.18 |
| Taiwan (Province of China) | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 3.01 | 2.32 | 3.71 | Taiwan (Province of China) | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 2.37 | 1.77 | 2.99 | Taiwan (Province of China) | Female | 90-94 | 18.52 | 15.33 | 22.35 |
| Taiwan (Province of China) | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 4.48 | 3.59 | 5.35 | Taiwan (Province of China) | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.52 | 2.74 | 4.29 | Taiwan (Province of China) | Female | $40-44$ years | 0.81 | 0.60 | 1.05 |
| Taiwan (Province of China) | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 5.95 | 4.97 | 7.03 | Taiwan (Province of China) | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 4.65 | 3.75 | 5.74 | Taiwan (Province of China) | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.95 | 1.54 | 2.38 |
| Taiwan (Province of China) | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 7.81 | 6.58 | 9.11 | Taiwan (Province of China) | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 6.06 | 5.01 | 7.27 | Taiwan (Province of China) | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 3.62 | 2.80 | 4.53 |
| Taiwan (Province of China) | Both | 70-74 years | 9.93 | 8.19 | 11.73 | Taiwan Province of China) | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.68 | 6.25 | 9.17 | Taiwan (Province of China) | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 5.40 | 4.35 | 6.45 |


| Taiwan (Province of China) | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 11.92 | 10.13 | 13.99 | Taiwan (Province of China) | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 9.10 | 7.54 | 10.69 | Taiwan (Province of China) | Female | $60-64$ years | 7.17 | 5.97 | 8.47 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Taiwan (Province of China) | Both | All ages | 2.89 | 2.55 | 3.20 | Taiwan (Province of China) | Male | All ages | 2.15 | 1.84 | 2.46 | Taiwan (Province of China) | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 9.38 | 7.92 | 10.97 |
| Taiwan (Province of China) | Both | 80-84 | 13.65 | 11.73 | 16.21 | Taiwan (Province of China) | Male | 80-84 | 10.26 | 8.65 | 12.06 | Taiwan (Province of China) | Female | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 11.90 | 9.85 | 14.14 |
| Taiwan (Province of China) | Both | 85-89 | 14.79 | 12.75 | 17.52 | Taiwan (Province of China) | Male | 85-89 | 11.17 | 9.56 | 13.02 | Taiwan (Province of China) | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 14.18 | 12.05 | 16.99 |
| Taiwan (Province of China) | Both | 90-94 | 15.47 | 13.03 | 18.41 | Taiwan (Province of China) | Male | 90-94 | 11.95 | 10.28 | 13.93 | Taiwan (Province of China) | Female | All ages | 3.60 | 3.19 | 4.02 |
| Tajikista <br> n | Both | 40-44 years | 0.41 | 0.31 | 0.55 | Tajikista <br> n | Male | 40-44 years | 0.37 | 0.27 | 0.50 | Tajikista <br> n | Female | 85-89 | 15.00 | 12.35 | 18.11 |
| Tajikista <br> n | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.87 | 0.67 | 1.09 | Tajikista <br> n | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.75 | 0.58 | 0.95 | Tajikista <br> n | Female | 90-94 | 16.13 | 13.32 | 19.28 |
| Tajikista <br> n | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.53 | 1.16 | 1.94 | Tajikista <br> n | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.29 | 1.00 | 1.65 | Tajikista <br> n | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.46 | 0.34 | 0.61 |
| Tajikista <br> n | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.39 | 1.87 | 2.93 | Tajikista <br> n | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.02 | 1.58 | 2.46 | Tajikista <br> n | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.98 | 0.76 | 1.23 |
| $\begin{aligned} & \text { Tajikista } \\ & \text { n } \end{aligned}$ | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.49 | 2.74 | 4.34 | $\begin{aligned} & \text { Tajikista } \\ & \text { n } \end{aligned}$ | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.93 | 2.31 | 3.63 | $\begin{aligned} & \text { Tajikista } \\ & \mathrm{n} \\ & \hline \end{aligned}$ | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.74 | 1.31 | 2.22 |
| $\begin{aligned} & \hline \text { Tajikista } \\ & \mathrm{n} \end{aligned}$ | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.20 | 4.16 | 6.38 | $\begin{aligned} & \hline \text { Tajikista } \\ & \text { n } \end{aligned}$ | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.32 | 3.46 | 5.30 | Tajikista <br> n | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.75 | 2.13 | 3.42 |
| Tajikista <br> n | Both | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.36 | 5.72 | 9.26 | Tajikista | Male | 70-74 years | 6.09 | 4.72 | 7.65 | Tajikista | Female | 60-64 years | 4.01 | 3.11 | 5.06 |
| Tajikista <br> n | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 9.53 | 7.67 | 11.66 | Tajikista <br> n | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 7.94 | 6.39 | 9.68 | Tajikista | Female | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 6.00 | 4.76 | 7.41 |
| $\begin{aligned} & \hline \text { Tajikista } \\ & \text { n } \end{aligned}$ | Both | All ages | 0.55 | 0.47 | 0.64 | Tajikista <br> n | Male | All ages | 0.44 | 0.37 | 0.51 | Tajikista n | Female | 70-74 years | 8.55 | 6.59 | 10.87 |
| Tajikista <br> n | Both | 80-84 | 11.81 | 9.64 | 14.38 | Tajikista <br> n | Male | 80-84 | 9.71 | 7.82 | 11.92 | Tajikista <br> n | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 11.06 | 8.91 | 13.69 |
| Tajikista <br> n | Both | 85-89 | 13.70 | 11.31 | 16.46 | Tajikista <br> n | Male | 85-89 | 11.22 | 9.17 | 13.47 | Tajikista <br> n | Female | All ages | 0.66 | 0.56 | 0.76 |
| Tajikista <br> n | Both | 90-94 | 15.03 | 12.49 | 17.98 | Tajikista <br> n | Male | 90-94 | 12.54 | 10.29 | 15.14 | Tajikista <br> n | Female | 80-84 | 13.34 | 10.90 | 16.38 |
| Thailand | Both | $40-44$ years | 0.48 | 0.36 | 0.64 | Thailand | Male | $40-44$ years | 0.42 | 0.31 | 0.56 | Thailand | Female | $40-44$ years | 0.54 | 0.40 | 0.73 |
| Thailand | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.05 | 0.81 | 1.31 | Thailand | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.89 | 0.69 | 1.13 | Thailand | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.19 | 0.91 | 1.49 |
| Thailand | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.87 | 1.44 | 2.38 | Thailand | Male | $50-54$ years | 1.57 | 1.21 | 2.01 | Thailand | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.15 | 1.64 | 2.76 |
| Thailand | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.94 | 2.30 | 3.58 | Thailand | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.43 | 1.91 | 2.97 | Thailand | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.40 | 2.66 | 4.14 |
| Thailand | Both | $60-64$ years | 4.21 | 3.33 | 5.17 | Thailand | Male | 60-64 years | 3.43 | 2.69 | 4.24 | Thailand | Female | 60-64 years | 4.91 | 3.83 | 6.03 |


| Thailand | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.97 | 4.87 | 7.30 | Thailand | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.76 | 3.85 | 5.83 | Thailand | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 7.03 | 5.67 | 8.64 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Thailand | Both | 70-74 years | 8.13 | 6.39 | 10.03 | Thailand | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.34 | 4.98 | 7.86 | Thailand | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.61 | 7.56 | 11.91 |
| Thailand | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.33 | 8.36 | 12.46 | Thailand | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 7.94 | 6.41 | 9.59 | Thailand | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 12.19 | 9.85 | 14.87 |
| Thailand | Both | All ages | 1.92 | 1.65 | 2.19 | Thailand | Male | All ages | 1.43 | 1.23 | 1.64 | Thailand | Female | All ages | 2.37 | 2.04 | 2.71 |
| Thailand | Both | 80-84 | 12.46 | 10.09 | 15.17 | Thailand | Male | 80-84 | 9.47 | 7.58 | 11.64 | Thailand | Female | 80-84 | 14.57 | 11.76 | 17.74 |
| Thailand | Both | 85-89 | 14.19 | 11.66 | 17.09 | Thailand | Male | 85-89 | 10.78 | 8.81 | 13.06 | Thailand | Female | 85-89 | 16.35 | 13.38 | 19.85 |
| Thailand | Both | 90-94 | 15.47 | 12.78 | 18.46 | Thailand | Male | 90-94 | 11.93 | 9.71 | 14.51 | Thailand | Female | 90-94 | 17.64 | 14.57 | 21.04 |
| TimorLeste | Both | All ages | 0.86 | 0.73 | 0.99 | TimorLeste | Male | All ages | 0.69 | 0.59 | 0.81 | Timor- | Female | $40-44$ years | 0.63 | 0.46 | 0.84 |
| TimorLeste | Both | 80-84 | 13.49 | 10.98 | 16.38 | TimorLeste | Male | 80-84 | 10.76 | 8.76 | 13.15 | $\begin{aligned} & \text { Timor- } \\ & \text { Leste } \end{aligned}$ | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.39 | 1.08 | 1.76 |
| TimorLeste | Both | 85-89 | 15.22 | 12.60 | 18.28 | TimorLeste | Male | 85-89 | 12.02 | 9.92 | 14.52 | TimorLeste | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.53 | 1.91 | 3.24 |
| TimorLeste | Both | 90-94 | 16.01 | 13.37 | 19.16 | TimorLeste | Male | 90-94 | 13.00 | 10.78 | 15.54 | TimorLeste | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 3.92 | 3.06 | 4.80 |
| TimorLeste | Both | $40-44$ years | 0.55 | 0.41 | 0.74 | TimorLeste | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.49 | 0.36 | 0.65 | TimorLeste | Female | 60-64 years | 5.55 | 4.30 | 6.83 |
| TimorLeste | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.21 | 0.95 | 1.52 | TimorLeste | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.04 | 0.82 | 1.31 | TimorLeste | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 7.97 | 6.43 | 9.67 |
| TimorLeste | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 2.16 | 1.66 | 2.77 | TimorLeste | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.84 | 1.43 | 2.36 | TimorLeste | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 10.99 | 8.55 | 13.76 |
| TimorLeste | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.35 | 2.61 | 4.05 | $\begin{aligned} & \text { Timor- } \\ & \text { Leste } \end{aligned}$ | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.84 | 2.23 | 3.45 | $\begin{aligned} & \text { Timor- } \\ & \text { Leste } \end{aligned}$ | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 13.90 | 11.13 | 17.05 |
| TimorLeste | Both | 60-64 years | 4.77 | 3.77 | 5.86 | TimorLeste | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 3.98 | 3.16 | 4.90 | TimorLeste | Female | All ages | 1.02 | 0.87 | 1.17 |
| TimorLeste | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.82 | 5.53 | 8.32 | TimorLeste | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.52 | 4.44 | 6.77 | $\begin{aligned} & \text { Timor- } \\ & \text { Leste } \end{aligned}$ | Female | 80-84 | 16.45 | 13.23 | 19.94 |
| TimorLeste | Both | 70-74 years | 9.30 | 7.25 | 11.50 | TimorLeste | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.37 | 5.76 | 9.13 | TimorLeste | Female | 85-89 | 18.15 | 14.85 | 21.95 |
| TimorLeste | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.51 | 9.20 | 13.85 | TimorLeste | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.16 | 7.33 | 11.08 | TimorLeste | Female | 90-94 | 19.13 | 15.90 | 22.97 |
| Togo | Both | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.30 | 0.22 | 0.40 | Togo | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.28 | 0.20 | 0.37 | Togo | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.33 | 0.24 | 0.44 |
| Togo | Both | $\begin{array}{r} 45-49 \\ \text { years } \\ \hline \end{array}$ | 0.67 | 0.51 | 0.86 | Togo | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.61 | 0.47 | 0.79 | Togo | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.72 | 0.55 | 0.92 |
| Togo | Both | $50-54$ years | 1.21 | 0.92 | 1.55 | Togo | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.11 | 0.84 | 1.42 | Togo | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.31 | 0.99 | 1.68 |
| Togo | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.96 | 1.53 | 2.42 | Togo | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.78 | 1.39 | 2.19 | Togo | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.13 | 1.65 | 2.63 |
| Togo | Both | 60-64 years | 2.92 | 2.28 | 3.66 | Togo | Male | $60-64$ years | 2.61 | 2.03 | 3.28 | Togo | Female | 60-64 years | 3.18 | 2.46 | 4.00 |


| Togo | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.40 | 3.55 | 5.44 | Togo | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.87 | 3.10 | 4.79 | Togo | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.80 | 3.84 | 5.91 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Togo | Both | 70-74 years | 6.39 | 4.94 | 8.08 | Togo | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.50 | 4.24 | 6.98 | Togo | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.90 | 5.30 | 8.78 |
| Togo | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.44 | 6.76 | 10.44 | Togo | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 7.23 | 5.79 | 8.85 | Togo | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 9.11 | 7.28 | 11.34 |
| Togo | Both | All ages | 0.39 | 0.34 | 0.46 | Togo | Male | All ages | 0.30 | 0.26 | 0.35 | Togo | Female | All ages | 0.48 | 0.41 | 0.56 |
| Togo | Both | 80-84 | 10.44 | 8.48 | 12.87 | Togo | Male | 80-84 | 8.95 | 7.21 | 11.03 | Togo | Female | 80-84 | 11.24 | 9.06 | 13.82 |
| Togo | Both | 85-89 | 12.22 | 9.96 | 14.90 | Togo | Male | 85-89 | 10.47 | 8.56 | 12.74 | Togo | Female | 85-89 | 12.95 | 10.50 | 15.84 |
| Togo | Both | 90-94 | 13.61 | 11.22 | 16.39 | Togo | Male | 90-94 | 11.81 | 9.64 | 14.24 | Togo | Female | 90-94 | 14.28 | 11.75 | 17.20 |
| Tokelau | Both | 40-44 years | 0.62 | 0.46 | 0.81 | Tokelau | Male | $40-44$ years | 0.54 | 0.40 | 0.71 | Tokelau | Female | $40-44$ years | 0.67 | 0.49 | 0.88 |
| Tokelau | Both | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.31 | 1.01 | 1.64 | Tokelau | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.17 | 0.91 | 1.46 | Tokelau | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.48 | 1.14 | 1.86 |
| Tokelau | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.38 | 1.80 | 3.04 | Tokelau | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.08 | 1.56 | 2.64 | Tokelau | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.68 | 2.01 | 3.46 |
| Tokelau | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.71 | 2.89 | 4.52 | Tokelau | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.21 | 2.56 | 3.88 | Tokelau | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.15 | 3.20 | 5.11 |
| Tokelau | Both | 60-64 years | 5.08 | 4.00 | 6.22 | Tokelau | Male | 60-64 years | 4.50 | 3.54 | 5.58 | Tokelau | Female | 60-64 years | 5.87 | 4.57 | 7.21 |
| Tokelau | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 7.41 | 6.03 | 9.06 | Tokelau | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 6.25 | 5.09 | 7.64 | Tokelau | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 8.47 | 6.80 | 10.32 |
| Tokelau | Both | $70-74$ years | 9.79 | 7.58 | 12.21 | Tokelau | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 8.36 | 6.53 | 10.42 | Tokelau | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 11.73 | 9.10 | 14.70 |
| Tokelau | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 12.95 | 10.24 | 15.85 | Tokelau | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 10.39 | 8.32 | 12.75 | Tokelau | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 14.84 | 11.76 | 18.24 |
| Tokelau | Both | All ages | 1.51 | 1.30 | 1.74 | Tokelau | Male | All ages | 1.27 | 1.09 | 1.46 | Tokelau | Female | All ages | 1.76 | 1.51 | 2.03 |
| Tokelau | Both | 80-84 | 14.85 | 12.10 | 18.01 | Tokelau | Male | 80-84 | 12.22 | 9.78 | 15.00 | Tokelau | Female | 80-84 | 17.55 | 14.28 | 21.27 |
| Tokelau | Both | 85-89 | 16.79 | 13.88 | 20.23 | Tokelau | Male | 85-89 | 13.59 | 11.16 | 16.51 | Tokelau | Female | 85-89 | 19.37 | 15.87 | 23.44 |
| Tokelau | Both | 90-94 | 17.70 | 14.76 | 20.98 | Tokelau | Male | 90-94 | 14.59 | 12.10 | 17.38 | Tokelau | Female | 90-94 | 20.43 | 16.99 | 24.42 |
| Tonga | Both | 80-84 | 16.38 | 13.49 | 19.77 | Tonga | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.58 | 0.42 | 0.76 | Tonga | Female | 80-84 | 18.77 | 15.34 | 22.67 |
| Tonga | Both | 85-89 | 18.26 | 14.98 | 21.75 | Tonga | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.25 | 0.98 | 1.56 | Tonga | Female | 85-89 | 20.47 | 16.70 | 24.63 |
| Tonga | Both | 90-94 | 19.59 | 16.24 | 23.26 | Tonga | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 2.23 | 1.70 | 2.86 | Tonga | Female | 90-94 | 21.31 | 17.62 | 25.42 |
| Tonga | Both | 40-44 years | 0.65 | 0.48 | 0.84 | Tonga | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.43 | 2.67 | 4.16 | Tonga | Female | 40-44 years | 0.72 | 0.53 | 0.94 |
| Tonga | Both | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.43 | 1.10 | 1.80 | Tonga | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.80 | 3.75 | 5.98 | Tonga | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.60 | 1.21 | 2.03 |


| Tonga | Both | 50-54 years | 2.56 | 1.94 | 3.30 | Tonga | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 6.70 | 5.36 | 8.30 | Tonga | Female | 50-54 years | 2.90 | 2.16 | 3.73 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tonga | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.96 | 3.06 | 4.88 | Tonga | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.00 | 6.97 | 11.30 | Tonga | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.49 | 3.47 | 5.56 |
| Tonga | Both | 60-64 years | 5.60 | 4.38 | 6.90 | Tonga | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 11.14 | 8.82 | 13.73 | Tonga | Female | 60-64 years | 6.36 | 4.95 | 7.88 |
| Tonga | Both | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.02 | 6.44 | 9.82 | Tonga | Male | All ages | 1.06 | 0.90 | 1.22 | Tonga | Female | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.21 | 7.38 | 11.22 |
| Tonga | Both | $70-74$ years | 11.01 | 8.59 | 13.92 | Tonga | Male | 80-84 | 12.99 | 10.63 | 15.76 | Tonga | Female | $70-74$ years | 12.74 | 9.83 | 16.08 |
| Tonga | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 13.83 | 11.02 | 17.09 | Tonga | Male | 85-89 | 14.33 | 11.82 | 17.19 | Tonga | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 16.02 | 12.75 | 19.87 |
| Tonga | Both | All ages | 1.36 | 1.17 | 1.56 | Tonga | Male | 90-94 | 15.27 | 12.59 | 18.15 | Tonga | Female | All ages | 1.65 | 1.43 | 1.90 |
| $\begin{aligned} & \text { Trinidad } \\ & \text { and } \\ & \text { Tobago } \end{aligned}$ | Both | 40-44 <br> years | 0.35 | 0.25 | 0.46 | $\begin{aligned} & \hline \text { Trinidad } \\ & \text { and } \\ & \text { Tobago } \\ & \hline \end{aligned}$ | Male | $40-44$ <br> years | 0.30 | 0.21 | 0.40 | $\begin{aligned} & \text { Trinidad } \\ & \text { and } \\ & \text { Tobago } \end{aligned}$ | Female | 40-44 years | 0.40 | 0.29 | 0.53 |
| Trinidad <br> and <br> Tobago <br> Trich | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.73 | 0.56 | 0.92 | Trinidad and Tobago | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.61 | 0.46 | 0.79 | Trinidad and Tobago | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.84 | 0.65 | 1.07 |
| $\begin{aligned} & \text { Trinidad } \\ & \text { and } \\ & \text { Tobago } \\ & \hline \end{aligned}$ | Both | 50-54 years | 1.29 | 0.98 | 1.66 | $\begin{aligned} & \text { Trinidad } \\ & \text { and } \\ & \text { Tobago } \\ & \hline \end{aligned}$ | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.08 | 0.80 | 1.41 | Trinidad <br> and <br> Tobago | Female | 50-54 years | 1.51 | 1.14 | 1.94 |
| Trinidad <br> and <br> Tobago | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.08 | 1.61 | 2.59 | Trinidad and Tobago | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.74 | 1.34 | 2.16 | Trinidad and Tobago | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.43 | 1.89 | 3.05 |
| $\begin{aligned} & \text { Trinidad } \\ & \text { and } \\ & \text { Tobago } \\ & \hline \end{aligned}$ | Both | 60-64 years | 3.15 | 2.45 | 3.95 | Trinidad and Tobago | Male | 60-64 years | 2.61 | 2.04 | 3.29 | Trinidad and Tobago | Female | 60-64 years | 3.67 | 2.86 | 4.65 |
| Trinidad and Tobago | Both | 65-69 years | 4.94 | 3.98 | 6.08 | Trinidad and Tobago | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.08 | 3.26 | 5.02 | Trinidad and Tobago | Female | 65-69 years | 5.77 | 4.60 | 7.12 |
| Trinidad <br> and <br> Tobago | Both | 70-74 years | 7.31 | 5.62 | 9.26 | Trinidad and Tobago | Male | $70-74$ years | 6.03 | 4.68 | 7.60 | Trinidad and Tobago | Female | 70-74 years | 8.52 | 6.53 | 10.88 |
| $\begin{aligned} & \text { Trinidad } \\ & \text { and } \\ & \text { Tobago } \\ & \hline \end{aligned}$ | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 9.85 | 7.87 | 12.31 | Trinidad and Tobago | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.07 | 6.47 | 10.10 | Trinidad and Tobago | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 11.32 | 8.95 | 14.17 |
| Trinidad and Tobago | Both | All ages | 1.48 | 1.27 | 1.70 | Trinidad and Tobago | Male | All ages | 1.15 | 0.99 | 1.34 | Trinidad and Tobago | Female | All ages | 1.81 | 1.55 | 2.09 |
| Trinidad <br> and <br> Tobago <br> Trig | Both | 80-84 | 12.30 | 10.00 | 15.16 | Trinidad and Tobago | Male | 80-84 | 10.08 | 8.11 | 12.42 | Trinidad and Tobago | Female | 80-84 | 13.94 | 11.26 | 17.15 |
| Trinidad and Tobago | Both | 85-89 | 14.34 | 11.81 | 17.32 | $\begin{aligned} & \hline \text { Trinidad } \\ & \text { and } \\ & \text { Tobago } \\ & \hline \end{aligned}$ | Male | 85-89 | 11.83 | 9.65 | 14.41 | Trinidad <br> and <br> Tobago | Female | 85-89 | 15.97 | 13.11 | 19.49 |
| Trinidad and Tobago | Both | 90-94 | 16.02 | 13.32 | 19.25 | Trinidad and Tobago | Male | 90-94 | 13.37 | 11.01 | 16.10 | Trinidad and Tobago | Female | 90-94 | 17.46 | 14.54 | 21.01 |


| Tunisia | Both | $40-44$ years | 0.41 | 0.29 | 0.55 | Tunisia | Male | 40-44 years | 0.36 | 0.26 | 0.50 | Tunisia | Female | $40-44$ years | 0.46 | 0.33 | 0.62 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tunisia | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.88 | 0.68 | 1.11 | Tunisia | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.76 | 0.59 | 0.96 | Tunisia | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.98 | 0.75 | 1.25 |
| Tunisia | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.56 | 1.19 | 1.98 | Tunisia | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.35 | 1.04 | 1.72 | Tunisia | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.76 | 1.32 | 2.28 |
| Tunisia | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.48 | 1.94 | 3.03 | Tunisia | Male | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.14 | 1.69 | 2.62 | Tunisia | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.81 | 2.18 | 3.46 |
| Tunisia | Both | 60-64 years | 3.64 | 2.89 | 4.48 | Tunisia | Male | 60-64 years | 3.13 | 2.49 | 3.86 | Tunisia | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.16 | 3.27 | 5.14 |
| Tunisia | Both | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.42 | 4.41 | 6.61 | Tunisia | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.63 | 3.75 | 5.68 | Tunisia | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 6.21 | 5.00 | 7.55 |
| Tunisia | Both | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.69 | 5.98 | 9.59 | Tunisia | Male | $\begin{aligned} & 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.53 | 5.09 | 8.12 | Tunisia | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.80 | 6.77 | 11.07 |
| Tunisia | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.00 | 8.03 | 12.12 | Tunisia | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.51 | 6.86 | 10.38 | Tunisia | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 11.37 | 9.11 | 13.91 |
| Tunisia | Both | All ages | 1.29 | 1.12 | 1.47 | Tunisia | Male | All ages | 1.09 | 0.94 | 1.24 | Tunisia | Female | All ages | 1.48 | 1.27 | 1.70 |
| Tunisia | Both | 80-84 | 12.21 | 10.00 | 14.80 | Tunisia | Male | 80-84 | 10.44 | 8.50 | 12.82 | Tunisia | Female | 80-84 | 13.74 | 11.14 | 16.70 |
| Tunisia | Both | 85-89 | 14.05 | 11.59 | 16.80 | Tunisia | Male | 85-89 | 12.14 | 10.00 | 14.71 | Tunisia | Female | 85-89 | 15.57 | 12.77 | 18.79 |
| Tunisia | Both | 90-94 | 15.64 | 12.95 | 18.76 | Tunisia | Male | 90-94 | 13.63 | 11.19 | 16.36 | Tunisia | Female | 90-94 | 16.93 | 13.98 | 20.25 |
| Turkey | Both | 40-44 years | 0.40 | 0.29 | 0.53 | Turkey | Male | 85-89 | 12.14 | 9.87 | 14.73 | Turkey | Female | 85-89 | 15.57 | 12.71 | 18.73 |
| Turkey | Both | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.85 | 0.66 | 1.07 | Turkey | Male | 90-94 | 13.76 | 11.23 | 16.59 | Turkey | Female | 90-94 | 17.13 | 14.23 | 20.32 |
| Turkey | Both | 50-54 years | 1.51 | 1.17 | 1.94 | Turkey | Male | $40-44$ years | 0.36 | 0.26 | 0.47 | Turkey | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.45 | 0.32 | 0.60 |
| Turkey | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.41 | 1.89 | 2.93 | Turkey | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.74 | 0.58 | 0.94 | Turkey | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.96 | 0.74 | 1.21 |
| Turkey | Both | 60-64 years | 3.56 | 2.80 | 4.39 | Turkey | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.31 | 1.00 | 1.66 | Turkey | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.71 | 1.32 | 2.22 |
| Turkey | Both | $65-69$ years | 5.35 | 4.32 | 6.51 | Turkey | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.07 | 1.63 | 2.54 | Turkey | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.74 | 2.14 | 3.38 |
| Turkey | Both | 70-74 years | 7.53 | 5.82 | 9.44 | Turkey | Male | 60-64 years | 3.03 | 2.39 | 3.74 | Turkey | Female | 60-64 years | 4.07 | 3.17 | 5.05 |
| Turkey | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.01 | 8.02 | 12.15 | Turkey | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.48 | 3.62 | 5.53 | Turkey | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.08 | 4.88 | 7.42 |
| Turkey | Both | All ages | 1.27 | 1.10 | 1.45 | Turkey | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.37 | 4.86 | 8.02 | Turkey | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.62 | 6.64 | 10.77 |
| Turkey | Both | 80-84 | 12.19 | 9.87 | 14.89 | Turkey | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.36 | 6.63 | 10.18 | Turkey | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.18 | 8.90 | 13.69 |
| Turkey | Both | 85-89 | 14.09 | 11.54 | 17.00 | Turkey | Male | All ages | 1.01 | 0.87 | 1.16 | Turkey | Female | All ages | 1.52 | 1.32 | 1.75 |
| Turkey | Both | 90-94 | 15.71 | 13.04 | 18.65 | Turkey | Male | 80-84 | 10.35 | 8.29 | 12.75 | Turkey | Female | 80-84 | 13.60 | 10.96 | 16.70 |


| Turkmen istan | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.48 | 4.42 | 6.66 | Turkmen istan | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.46 | 3.60 | 5.51 | Turkmen istan | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 6.24 | 5.01 | 7.62 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Turkmen istan | Both | 70-74 years | 7.81 | 6.03 | 9.79 | Turkmen istan | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.30 | 4.88 | 7.89 | Turkmen istan | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 8.91 | 6.83 | 11.26 |
| Turkmen istan | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.22 | 8.16 | 12.51 | Turkmen istan | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.26 | 6.60 | 10.09 | Turkmen istan | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.60 | 9.24 | 14.24 |
| Turkmen istan | Both | All ages | 0.89 | 0.77 | 1.01 | Turkmen istan | Male | All ages | 0.63 | 0.54 | 0.72 | Turkmen istan | Female | All ages | 1.15 | 0.99 | 1.31 |
| Turkmen istan | Both | 80-84 | 12.64 | 10.29 | 15.33 | Turkmen istan | Male | 80-84 | 10.23 | 8.27 | 12.55 | Turkmen istan | Female | 80-84 | 14.13 | 11.45 | 17.30 |
| Turkmen istan | Both | 85-89 | 14.84 | 12.24 | 17.86 | Turkmen istan | Male | 85-89 | 11.99 | 9.80 | 14.55 | Turkmen istan | Female | 85-89 | 16.15 | 13.25 | 19.56 |
| Turkmen istan | Both | 90-94 | 16.78 | 13.92 | 20.01 | Turkmen istan | Male | 90-94 | 13.61 | 11.13 | 16.35 | Turkmen istan | Female | 90-94 | 17.69 | 14.62 | 21.21 |
| Turkmen istan | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.42 | 0.31 | 0.57 | Turkmen istan | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.37 | 0.27 | 0.51 | Turkmen istan | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.47 | 0.34 | 0.63 |
| Turkmen istan | Both | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.88 | 0.68 | 1.10 | Turkmen istan | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.76 | 0.59 | 0.96 | Turkmen istan | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.00 | 0.77 | 1.26 |
| Turkmen istan | Both | $50-54$ years | 1.56 | 1.19 | 1.99 | Turkmen istan | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.32 | 1.01 | 1.68 | Turkmen istan | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.78 | 1.35 | 2.26 |
| Turkmen istan | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.48 | 1.93 | 3.02 | Turkmen istan | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.07 | 1.63 | 2.54 | Turkmen istan | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.83 | 2.19 | 3.48 |
| Turkmen istan | Both | 60-64 years | 3.65 | 2.88 | 4.53 | Turkmen istan | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 3.03 | 2.40 | 3.75 | Turkmen istan | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.16 | 3.22 | 5.23 |
| Tuvalu | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 12.85 | 10.20 | 15.57 | Tuvalu | Male | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.55 | 0.41 | 0.74 | Tuvalu | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 14.76 | 11.68 | 17.92 |
| Tuvalu | Both | All ages | 1.35 | 1.16 | 1.55 | Tuvalu | Male | $\begin{aligned} & \text { 45-49 } \\ & \text { years } \end{aligned}$ | 1.18 | 0.91 | 1.49 | Tuvalu | Female | All ages | 1.70 | 1.45 | 1.95 |
| Tuvalu | Both | 80-84 | 15.08 | 12.32 | 18.36 | Tuvalu | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.08 | 1.57 | 2.68 | Tuvalu | Female | 80-84 | 17.39 | 14.21 | 21.32 |
| Tuvalu | Both | 85-89 | 16.52 | 13.63 | 19.81 | Tuvalu | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.18 | 2.49 | 3.90 | Tuvalu | Female | 85-89 | 19.05 | 15.64 | 22.87 |
| Tuvalu | Both | 90-94 | 17.29 | 14.42 | 20.63 | Tuvalu | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 4.43 | 3.52 | 5.50 | Tuvalu | Female | 90-94 | 19.91 | 16.54 | 23.43 |
| Tuvalu | Both | 40-44 years | 0.61 | 0.45 | 0.80 | Tuvalu | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 6.17 | 4.96 | 7.55 | Tuvalu | Female | $40-44$ years | 0.67 | 0.50 | 0.89 |
| Tuvalu | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.33 | 1.03 | 1.66 | Tuvalu | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.29 | 6.46 | 10.38 | Tuvalu | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.49 | 1.15 | 1.87 |
| Tuvalu | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.38 | 1.81 | 3.03 | Tuvalu | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 10.30 | 8.25 | 12.49 | Tuvalu | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.68 | 2.04 | 3.44 |
| Tuvalu | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.67 | 2.86 | 4.48 | Tuvalu | Male | All ages | 1.02 | 0.88 | 1.18 | Tuvalu | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.13 | 3.22 | 5.06 |
| Tuvalu | Both | 60-64 years | 5.17 | 4.06 | 6.38 | Tuvalu | Male | 80-84 | 12.07 | 9.82 | 14.72 | Tuvalu | Female | $60-64$ years | 5.82 | 4.52 | 7.26 |
| Tuvalu | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 7.40 | 5.95 | 9.02 | Tuvalu | Male | 85-89 | 13.35 | 10.98 | 16.20 | Tuvalu | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.42 | 6.69 | 10.33 |
| Tuvalu | Both | 70-74 years | 10.22 | 7.95 | 12.80 | Tuvalu | Male | 90-94 | 14.24 | 11.84 | 17.16 | Tuvalu | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.68 | 8.99 | 14.79 |


| Uganda | Both | 40-44 years | 0.30 | 0.21 | 0.39 | Uganda | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.26 | 0.19 | 0.36 | Uganda | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.33 | 0.24 | 0.45 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Uganda | Both | $\begin{aligned} & \text { 45-49 } \\ & \text { years } \end{aligned}$ | 0.65 | 0.50 | 0.82 | Uganda | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.57 | 0.43 | 0.73 | Uganda | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.72 | 0.55 | 0.92 |
| Uganda | Both | $50-54$ years | 1.18 | 0.90 | 1.52 | Uganda | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.03 | 0.77 | 1.33 | Uganda | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.31 | 1.00 | 1.72 |
| Uganda | Both | $\begin{array}{r} 55-59 \\ \text { years } \\ \hline \end{array}$ | 1.90 | 1.50 | 2.33 | Uganda | Male | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.65 | 1.29 | 2.00 | Uganda | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.13 | 1.67 | 2.61 |
| Uganda | Both | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.83 | 2.22 | 3.52 | Uganda | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.42 | 1.90 | 3.02 | Uganda | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.18 | 2.50 | 3.94 |
| Uganda | Both | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.28 | 3.43 | 5.25 | Uganda | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 3.59 | 2.89 | 4.43 | Uganda | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.82 | 3.85 | 5.96 |
| Uganda | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.18 | 4.81 | 7.80 | Uganda | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.09 | 3.84 | 6.39 | Uganda | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.96 | 5.39 | 8.91 |
| Uganda | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.19 | 6.61 | 10.06 | Uganda | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 6.69 | 5.40 | 8.19 | Uganda | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 9.21 | 7.36 | 11.51 |
| Uganda | Both | All ages | 0.29 | 0.25 | 0.33 | Uganda | Male | All ages | 0.22 | 0.18 | 0.25 | Uganda | Female | All ages | 0.36 | 0.31 | 0.41 |
| Uganda | Both | 80-84 | 10.22 | 8.26 | 12.69 | Uganda | Male | 80-84 | 8.31 | 6.73 | 10.31 | Uganda | Female | 80-84 | 11.37 | 9.14 | 14.10 |
| Uganda | Both | 85-89 | 12.06 | 9.77 | 14.69 | Uganda | Male | 85-89 | 9.77 | 7.93 | 11.95 | Uganda | Female | 85-89 | 13.11 | 10.56 | 15.93 |
| Uganda | Both | 90-94 | 13.66 | 11.26 | 16.50 | Uganda | Male | 90-94 | 11.12 | 9.04 | 13.54 | Uganda | Female | 90-94 | 14.45 | 11.93 | 17.40 |
| Ukraine | Both | $40-44$ years | 0.50 | 0.37 | 0.64 | Ukraine | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.28 | 0.21 | 0.39 | Ukraine | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.69 | 0.52 | 0.90 |
| Ukraine | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.14 | 0.88 | 1.44 | Ukraine | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.60 | 0.47 | 0.75 | Ukraine | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.61 | 1.24 | 2.07 |
| Ukraine | Both | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.12 | 1.60 | 2.76 | Ukraine | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.06 | 0.81 | 1.35 | Ukraine | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 3.00 | 2.24 | 3.93 |
| Ukraine | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.45 | 2.70 | 4.25 | Ukraine | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.67 | 1.31 | 2.05 | Ukraine | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 4.83 | 3.77 | 5.95 |
| Ukraine | Both | $60-64$ years | 5.18 | 4.03 | 6.41 | Ukraine | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.42 | 1.92 | 3.05 | Ukraine | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 7.12 | 5.51 | 8.79 |
| Ukraine | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.97 | 6.43 | 9.71 | Ukraine | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.53 | 2.86 | 4.36 | Ukraine | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 10.75 | 8.64 | 13.12 |
| Ukraine | Both | 70-74 years | 11.60 | 8.99 | 14.36 | Ukraine | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.95 | 3.92 | 6.18 | Ukraine | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 15.27 | 11.81 | 19.05 |
| Ukraine | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 15.37 | 12.33 | 18.71 | Ukraine | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 6.46 | 5.18 | 7.85 | Ukraine | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 19.41 | 15.53 | 23.59 |
| Ukraine | Both | All ages | 3.12 | 2.69 | 3.59 | Ukraine | Male | All ages | 1.12 | 0.96 | 1.28 | Ukraine | Female | All ages | 4.78 | 4.09 | 5.51 |
| Ukraine | Both | 80-84 | 18.45 | 15.11 | 22.17 | Ukraine | Male | 80-84 | 8.02 | 6.48 | 9.82 | Ukraine | Female | 80-84 | 22.83 | 18.58 | 27.44 |
| Ukraine | Both | 85-89 | 20.76 | 17.34 | 24.83 | Ukraine | Male | 85-89 | 9.54 | 7.76 | 11.51 | Ukraine | Female | 85-89 | 24.95 | 20.70 | 29.86 |
| Ukraine | Both | 90-94 | 22.77 | 19.13 | 26.97 | Ukraine | Male | 90-94 | 11.12 | 9.05 | 13.33 | Ukraine | Female | 90-94 | 25.95 | 21.79 | 30.78 |


| United <br> Arab <br> Emirates | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.99 | 5.43 | 8.75 | United <br> Arab <br> Emirates | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.35 | 0.25 | 0.47 | United <br> Arab <br> Emirates | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.44 | 0.32 | 0.58 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| United <br> Arab <br> Emirates | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 9.40 | 7.50 | 11.50 | United <br> Arab <br> Emirates | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.73 | 0.56 | 0.93 | United <br> Arab <br> Emirates | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.93 | 0.73 | 1.19 |
| United <br> Arab <br> Emirates | Both | All ages | 0.43 | 0.35 | 0.50 | United Arab Emirates | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.29 | 0.99 | 1.66 | United <br> Arab <br> Emirates | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.66 | 1.27 | 2.13 |
| United <br> Arab <br> Emirates | Both | 80-84 | 11.62 | 9.49 | 14.19 | United Arab Emirates | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.04 | 1.60 | 2.51 | United <br> Arab <br> Emirates | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.64 | 2.05 | 3.23 |
| United Arab Emirates | Both | 85-89 | 13.43 | 11.10 | 16.14 | United Arab Emirates | Male | $\begin{aligned} & \text { 60-64 } \\ & \text { years } \end{aligned}$ | 2.99 | 2.36 | 3.74 | United <br> Arab <br> Emirates | Female | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 3.90 | 3.03 | 4.87 |
| United <br> Arab <br> Emirates | Both | 90-94 | 15.16 | 12.59 | 17.95 | United <br> Arab <br> Emirates | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.42 | 3.59 | 5.46 | United Arab Emirates | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.83 | 4.66 | 7.18 |
| United <br> Arab <br> Emirates | Both | $40-44$ years | 0.36 | 0.26 | 0.49 | United Arab Emirates | Male | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 6.29 | 4.92 | 7.90 | United <br> Arab <br> Emirates | Female | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 8.34 | 6.45 | 10.46 |
| United <br> Arab <br> Emirates | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.77 | 0.60 | 0.98 | United <br> Arab <br> Emirates | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.34 | 6.59 | 10.22 | United <br> Arab <br> Emirates | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 11.02 | 8.77 | 13.56 |
| United <br> Arab <br> Emirates | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.37 | 1.04 | 1.75 | United <br> Arab <br> Emirates | Male | All ages | 0.42 | 0.35 | 0.50 | United <br> Arab <br> Emirates | Female | All ages | 0.43 | 0.36 | 0.51 |
| United <br> Arab <br> Emirates | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.19 | 1.71 | 2.68 | United <br> Arab <br> Emirates | Male | 80-84 | 10.48 | 8.41 | 12.86 | United <br> Arab <br> Emirates | Female | 80-84 | 13.71 | 11.09 | 16.57 |
| United <br> Arab <br> Emirates | Both | 60-64 years | 3.22 | 2.54 | 4.01 | United <br> Arab <br> Emirates | Male | 85-89 | 12.53 | 10.34 | 15.12 | United <br> Arab <br> Emirates | Female | 85-89 | 16.03 | 13.27 | 19.32 |
| United <br> Arab <br> Emirates | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.79 | 3.89 | 5.90 | United <br> Arab <br> Emirates | Male | 90-94 | 14.49 | 11.93 | 17.24 | United <br> Arab <br> Emirates | Female | 90-94 | 17.97 | 14.98 | 21.29 |
| $\begin{aligned} & \hline \text { United } \\ & \text { Kingdom } \end{aligned}$ | Both | $40-44$ years | 0.82 | 0.62 | 1.08 | $\begin{aligned} & \hline \text { United } \\ & \text { Kingdom } \end{aligned}$ | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.44 | 0.32 | 0.58 | $\begin{aligned} & \hline \text { United } \\ & \text { Kingdom } \end{aligned}$ | Female | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 1.20 | 0.91 | 1.55 |
| $\begin{aligned} & \hline \text { United } \\ & \text { Kingdom } \end{aligned}$ | Both | $\begin{aligned} & 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.52 | 1.19 | 1.87 | $\begin{aligned} & \hline \text { United } \\ & \text { Kingdom } \end{aligned}$ | Male | $\begin{aligned} & \text { 45-49 } \\ & \text { years } \end{aligned}$ | 0.96 | 0.74 | 1.21 | $\begin{aligned} & \hline \text { United } \\ & \text { Kingdom } \end{aligned}$ | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 2.06 | 1.64 | 2.53 |
| United Kingdom | Both | 50-54 years | 2.39 | 1.86 | 2.99 | United Kingdom | Male | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.75 | 1.35 | 2.23 | United Kingdom | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.01 | 2.34 | 3.77 |
| United Kingdom | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.57 | 2.81 | 4.30 | United Kingdom | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.94 | 2.32 | 3.56 | United Kingdom | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.17 | 3.31 | 5.03 |
| $\begin{aligned} & \hline \text { United } \\ & \text { Kingdom } \end{aligned}$ | Both | 60-64 years | 5.16 | 4.13 | 6.30 | $\begin{aligned} & \hline \text { United } \\ & \text { Kingdom } \end{aligned}$ | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.50 | 3.56 | 5.58 | $\begin{aligned} & \hline \text { United } \\ & \text { Kingdom } \end{aligned}$ | Female | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 5.79 | 4.65 | 7.06 |
| United Kingdom | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 7.83 | 6.41 | 9.46 | $\begin{aligned} & \hline \text { United } \\ & \text { Kingdom } \end{aligned}$ | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 6.75 | 5.50 | 8.23 | $\begin{aligned} & \hline \text { United } \\ & \text { Kingdom } \end{aligned}$ | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.85 | 7.26 | 10.63 |
| $\begin{aligned} & \hline \text { United } \\ & \text { Kingdom } \end{aligned}$ | Both | 70-74 years | 11.27 | 8.89 | 13.93 | $\begin{aligned} & \hline \text { United } \\ & \text { Kingdom } \end{aligned}$ | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.45 | 7.36 | 11.75 | $\begin{aligned} & \hline \text { United } \\ & \text { Kingdom } \end{aligned}$ | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 12.94 | 10.26 | 16.01 |


| $\begin{aligned} & \hline \text { United } \\ & \text { Kingdom } \end{aligned}$ | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 14.74 | 11.87 | 17.84 | United Kingdom | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 12.06 | 9.66 | 14.58 | $\begin{aligned} & \hline \text { United } \\ & \text { Kingdom } \end{aligned}$ | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 17.05 | 13.78 | 20.65 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| United Kingdom | Both | All ages | 3.42 | 2.96 | 3.88 | United Kingdom | Male | All ages | 2.61 | 2.25 | 2.98 | United Kingdom | Female | All ages | 4.17 | 3.60 | 4.74 |
| United Kingdom | Both | 80-84 | 18.03 | 14.90 | 21.71 | United Kingdom | Male | 80-84 | 14.39 | 11.83 | 17.43 | United Kingdom | Female | 80-84 | 20.87 | 17.21 | 25.09 |
| United Kingdom | Both | 85-89 | 20.72 | 17.25 | 24.68 | United Kingdom | Male | 85-89 | 16.12 | 13.37 | 19.28 | United Kingdom | Female | 85-89 | 23.71 | 19.71 | 28.34 |
| United Kingdom | Both | 90-94 | 22.81 | 19.17 | 26.94 | United Kingdom | Male | 90-94 | 17.33 | 14.49 | 20.54 | United Kingdom | Female | 90-94 | 25.57 | 21.52 | 30.11 |
|  | Both | 60-64 years | 3.09 | 2.43 | 3.86 |  | Male | 60-64 years | 2.67 | 2.09 | 3.35 |  | Female | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.35 | 0.25 | 0.49 |
| United Republic of Tanzania | Both | 65-69 <br> years | 4.65 | 3.72 | 5.75 | United Republic of Tanzania | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 3.96 | 3.17 | 4.89 | United <br> Republic <br> of <br> Tanzania | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.79 | 0.60 | 1.00 |
| United <br> Republic <br> of <br> Tanzania | Both | 70-74 years | 6.71 | 5.18 | 8.46 | United <br> Republic <br> of <br> Tanzania | Male | 70-74 years | 5.63 | 4.29 | 7.18 | United <br> Republic <br> of <br> Tanzania | Female | 50-54 years | 1.45 | 1.08 | 1.91 |
|  | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 8.94 | 7.15 | 11.00 | United Republic of Tanzania | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 7.43 | 5.93 | 9.16 | United Republic of $\qquad$ | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.35 | 1.82 | 2.92 |
| United <br> Republic <br> of <br> Tanzania <br> Unied | Both | All ages | 0.41 | 0.35 | 0.47 | United Republic of Tanzania | Male | All ages | 0.34 | 0.29 | 0.40 | United Republic of Tanzania | Female | 60-64 years | 3.51 | 2.75 | 4.43 |
| United <br> Republic <br> of <br> Tanzania <br> Unien | Both | 80-84 | 11.16 | 9.03 | 13.80 | United <br> Republic <br> of <br> Tanzania | Male | 80-84 | 9.24 | 7.48 | 11.34 | United <br> Republic <br> of <br> Tanzania | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.33 | 4.26 | 6.62 |
|  | Both | 85-89 | 13.03 | 10.64 | 15.83 |  | Male | 85-89 | 10.83 | 8.84 | 13.08 |  | Female | 70-74 years | 7.70 | 5.93 | 9.82 |
| United <br> Republic <br> of <br> Tanzania | Both | 90-94 | 14.64 | 12.04 | 17.59 | United Republic of Tanzania | Male | 90-94 | 12.23 | 9.96 | 14.76 | United <br> Republic <br> of <br> Tanzania | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 10.18 | 8.11 | 12.60 |
|  | Both | 40-44 years | 0.32 | 0.22 | 0.44 | United Republic of Tanzania | Male | 40-44 years | 0.28 | 0.20 | 0.38 |  | Female | All ages | 0.48 | 0.41 | 0.55 |
| United Republic of Tanzania | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.71 | 0.54 | 0.90 | United Republic of Tanzania | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.62 | 0.47 | 0.78 | United Republic of Tanzania | Female | 80-84 | 12.55 | 10.11 | 15.55 |
| United Republic | Both | 50-54 years | 1.29 | 0.96 | 1.68 | United Republic | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.12 | 0.84 | 1.46 | United Republic | Female | 85-89 | 14.43 | 11.76 | 17.66 |


| of <br> Tanzania |  |  |  |  |  | of <br> Tanzania |  |  |  |  |  | of <br> Tanzania |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.08 | 1.62 | 2.56 | United Republic of $\qquad$ | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.81 | 1.41 | 2.25 | United Republic of $\qquad$ | Female | 90-94 | 15.85 | 12.96 | 19.00 |
| United States of America | Both | 40-44 years | 1.17 | 0.95 | 1.43 | United States of America | Male | 40-44 years | 0.72 | 0.58 | 0.90 | United States of America | Female | 40-44 years | 1.61 | 1.29 | 1.94 |
| United States of America | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.96 | 1.67 | 2.28 | United States of America | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.41 | 1.17 | 1.66 | United States of America | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 2.50 | 2.11 | 2.91 |
| United States of America | Both | 50-54 years | 2.86 | 2.41 | 3.38 | United States of America | Male | $50-54$ years | 2.41 | 1.98 | 2.91 | United States of America | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 3.28 | 2.76 | 3.83 |
| United States of America | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 4.19 | 3.59 | 4.81 | United States of America | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 4.09 | 3.48 | 4.72 | United States of America | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 4.29 | 3.65 | 4.94 |
| United States of America | Both | 60-64 years | 6.23 | 5.27 | 7.23 | United States of America | Male | 60-64 years | 6.53 | 5.45 | 7.69 | United States of America | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \end{aligned}$ | 5.95 | 5.08 | 6.85 |
| United States of America | Both | $65-69$ <br> years | 9.99 | 8.49 | 11.50 | United States of America | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 10.37 | 8.83 | 11.99 | United States of America | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 9.64 | 8.25 | 11.10 |
| United States of America | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 14.92 | 12.50 | 17.62 | United States of America | Male | $70-74$ years | 15.09 | 12.61 | 17.87 | United States of America | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 14.77 | 12.33 | 17.51 |
| United States of America | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 19.62 | 16.73 | 22.68 | United States of America | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 19.32 | 16.39 | 22.44 | United States of America | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 19.86 | 17.05 | 22.96 |
| United States of America | Both | All ages | 4.01 | 3.61 | 4.41 | United States of America | Male | All ages | 3.59 | 3.22 | 3.99 | United States of America | Female | All ages | 4.40 | 3.97 | 4.83 |
| United States of America | Both | 80-84 | 23.91 | 20.73 | 27.60 | United States of America | Male | 80-84 | 22.91 | 19.90 | 26.31 | United States of America | Female | 80-84 | 24.65 | 21.31 | 28.58 |
| United States of America | Both | 85-89 | 27.49 | 24.07 | 31.54 | United States of America | Male | 85-89 | 25.69 | 22.52 | 29.43 | United States of America | Female | 85-89 | 28.61 | 25.06 | 32.80 |
| United States of America | Both | 90-94 | 30.17 | 26.60 | 34.14 | United States of America | Male | 90-94 | 27.59 | 24.30 | 31.16 | United States of America | Female | 90-94 | 31.45 | 27.72 | 35.66 |
| United States Virgin Islands | Both | 40-44 years | 0.30 | 0.22 | 0.41 | United States Virgin Islands | Male | 40-44 years | 0.26 | 0.18 | 0.36 | United States Virgin Islands | Female | $40-44$ years | 0.34 | 0.24 | 0.48 |
| United States Virgin Islands | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.64 | 0.49 | 0.80 | United States Virgin Islands | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.53 | 0.41 | 0.68 | United States Virgin Islands | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.72 | 0.56 | 0.90 |
| $\begin{aligned} & \text { United } \\ & \text { States } \end{aligned}$ | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.12 | 0.85 | 1.43 | $\begin{aligned} & \text { United } \\ & \text { States } \end{aligned}$ | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 0.94 | 0.71 | 1.20 | $\begin{aligned} & \text { United } \\ & \text { States } \end{aligned}$ | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.29 | 0.98 | 1.64 |


| Virgin Islands |  |  |  |  |  | Virgin Islands |  |  |  |  |  | Virgin Islands |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| United States Virgin <br> Islands | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.82 | 1.43 | 2.20 | United States Virgin <br> Islands | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.50 | 1.18 | 1.82 | United States Virgin Islands | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.09 | 1.64 | 2.55 |
| United States <br> Virgin <br> Islands | Both | 60-64 years | 2.76 | 2.19 | 3.40 | United States Virgin <br> Islands | Male | 60-64 years | 2.26 | 1.80 | 2.84 | United States Virgin Islands | Female | 60-64 years | 3.18 | 2.52 | 3.93 |
| United <br> States <br> Virgin <br> Islands | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.28 | 3.45 | 5.23 | United States Virgin Islands | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.50 | 2.80 | 4.30 | United <br> States <br> Virgin <br> Islands | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.94 | 3.98 | 6.03 |
| United States Virgin Islands | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.29 | 4.85 | 7.81 | United States Virgin Islands | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 5.15 | 3.94 | 6.48 | United States Virgin Islands | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.23 | 5.53 | 9.03 |
| United States Virgin Islands | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 8.49 | 6.73 | 10.35 | United States Virgin Islands | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 6.92 | 5.37 | 8.50 | United States Virgin Islands | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 9.66 | 7.70 | 11.77 |
| United States Virgin Islands | Both | All ages | 1.75 | 1.48 | 2.02 | United States Virgin Islands | Male | All ages | 1.33 | 1.12 | 1.54 | United States Virgin Islands | Female | All ages | 2.12 | 1.80 | 2.44 |
| United States Virgin Islands | Both | 80-84 | 10.75 | 8.73 | 13.12 | United States Virgin Islands | Male | 80-84 | 8.71 | 6.93 | 10.79 | United States Virgin Islands | Female | 80-84 | 12.05 | 9.89 | 14.67 |
| United <br> States <br> Virgin <br> Islands | Both | 85-89 | 12.84 | 10.65 | 15.45 | United <br> States <br> Virgin <br> Islands | Male | 85-89 | 10.40 | 8.45 | 12.61 | United <br> States <br> Virgin <br> Islands | Female | 85-89 | 14.09 | 11.68 | 17.11 |
| United States Virgin Islands | Both | 90-94 | 14.72 | 12.21 | 17.50 | United States Virgin Islands | Male | 90-94 | 12.04 | 9.85 | 14.38 | United States Virgin Islands | Female | 90-94 | 15.80 | 13.14 | 18.84 |
| Uruguay | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.84 | 0.63 | 1.11 | Uruguay | Male | 85-89 | 15.88 | 13.16 | 19.05 | Uruguay | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.22 | 0.91 | 1.59 |
| Uruguay | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.50 | 1.17 | 1.86 | Uruguay | Male | 90-94 | 16.95 | 14.10 | 20.04 | Uruguay | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 2.02 | 1.57 | 2.52 |
| Uruguay | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.30 | 1.79 | 2.92 | Uruguay | Male | $40-44$ years | 0.43 | 0.31 | 0.59 | Uruguay | Female | $\begin{aligned} & 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.86 | 2.21 | 3.66 |
| Uruguay | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.41 | 2.71 | 4.15 | Uruguay | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.93 | 0.71 | 1.19 | Uruguay | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.92 | 3.08 | 4.86 |
| Uruguay | Both | 60-64 years | 4.96 | 3.95 | 6.15 | Uruguay | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.68 | 1.27 | 2.14 | Uruguay | Female | 60-64 years | 5.49 | 4.35 | 6.82 |
| Uruguay | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 7.75 | 6.20 | 9.41 | Uruguay | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.83 | 2.21 | 3.45 | Uruguay | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 8.69 | 7.02 | 10.60 |
| Uruguay | Both | $70-74$ years | 11.49 | 8.93 | 14.33 | Uruguay | Male | 60-64 years | 4.34 | 3.40 | 5.45 | Uruguay | Female | $70-74$ years | 13.05 | 10.05 | 16.23 |


| Uruguay | Both | $\begin{aligned} & \hline 75-79 \\ & \text { veare } \end{aligned}$ | 15.17 | 12.22 | 18.41 | Uruguay | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 6.61 | 5.27 | 8.12 | Uruguay | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 17.31 | 13.81 | 20.98 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Uruguay | Both | All ages | 2.94 | 2.54 | 3.36 | Uruguay | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.42 | 7.23 | 11.89 | Uruguay | Female | All ages | 3.76 | 3.22 | 4.27 |
| Uruguay | Both | 80-84 | 18.64 | 15.26 | 22.44 | Uruguay | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 12.01 | 9.48 | 14.79 | Uruguay | Female | 80-84 | 21.12 | 17.15 | 25.56 |
| Uruguay | Both | 85-89 | 21.31 | 17.62 | 25.40 | Uruguay | Male | All ages | 2.02 | 1.73 | 2.34 | Uruguay | Female | 85-89 | 23.79 | 19.54 | 28.45 |
| Uruguay | Both | 90-94 | 22.95 | 19.23 | 27.02 | Uruguay | Male | 80-84 | 14.24 | 11.63 | 17.27 | Uruguay | Female | 90-94 | 25.32 | 21.16 | 29.90 |
| Uzbekist an | Both | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.40 | 0.29 | 0.53 | Uzbekist an | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.36 | 0.26 | 0.48 | Uzbekist an | Female | $\begin{aligned} & 40-44 \\ & \text { years } \end{aligned}$ | 0.45 | 0.32 | 0.60 |
| Uzbekist an | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.85 | 0.66 | 1.07 | Uzbekist an | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.74 | 0.57 | 0.93 | Uzbekist an | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.96 | 0.75 | 1.22 |
| Uzbekist an | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.49 | 1.14 | 1.92 | Uzbekist an | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.27 | 0.96 | 1.62 | Uzbekist an | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.71 | 1.29 | 2.20 |
| Uzbekist an | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.35 | 1.84 | 2.87 | Uzbekist an | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.98 | 1.56 | 2.41 | Uzbekist an | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.69 | 2.06 | 3.31 |
| Uzbekist an | Both | $\overline{60-64}$ years | 3.43 | 2.70 | 4.30 | Uzbekist an | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.86 | 2.27 | 3.59 | Uzbekist an | Female | 60-64 years | 3.91 | 3.05 | 4.94 |
| Uzbekist an | Both | $\begin{aligned} & 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.14 | 4.13 | 6.31 | Uzbekist an | Male | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.21 | 3.38 | 5.17 | Uzbekist an | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 5.87 | 4.67 | 7.26 |
| Uzbekist an | Both | 70-74 years | 7.37 | 5.63 | 9.29 | Uzbekist an | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 5.95 | 4.62 | 7.47 | Uzbekist an | Female | 70-74 years | 8.38 | 6.37 | 10.69 |
| Uzbekist an | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.69 | 7.71 | 11.84 | Uzbekist an | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 7.75 | 6.24 | 9.44 | Uzbekist an | Female | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.89 | 8.60 | 13.49 |
| Uzbekist an | Both | All ages | 0.63 | 0.53 | 0.73 | Uzbekist an | Male | All ages | 0.47 | 0.40 | 0.55 | Uzbekist an | Female | All ages | 0.77 | 0.65 | 0.90 |
| Uzbekist an | Both | 80-84 | 12.04 | 9.76 | 14.70 | Uzbekist an | Male | 80-84 | 9.53 | 7.78 | 11.68 | Uzbekist an | Female | 80-84 | 13.20 | 10.57 | 16.21 |
| Uzbekist an | Both | 85-89 | 13.49 | 11.02 | 16.22 | Uzbekist an | Male | 85-89 | 11.11 | 9.16 | 13.43 | Uzbekist an | Female | 85-89 | 15.01 | 12.11 | 18.11 |
| Uzbekist an | Both | 90-94 | 14.67 | 12.10 | 17.55 | Uzbekist an | Male | 90-94 | 12.58 | 10.35 | 15.05 | Uzbekist an | Female | 90-94 | 16.34 | 13.44 | 19.76 |
| Vanuatu | Both | $40-44$ years | 0.61 | 0.46 | 0.81 | Vanuatu | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.55 | 0.41 | 0.73 | Vanuatu | Female | 40-44 years | 0.68 | 0.51 | 0.90 |
| Vanuatu | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 1.34 | 1.04 | 1.68 | Vanuatu | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.19 | 0.92 | 1.50 | Vanuatu | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 1.50 | 1.17 | 1.90 |
| Vanuatu | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.40 | 1.83 | 3.05 | Vanuatu | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.10 | 1.61 | 2.70 | Vanuatu | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 2.72 | 2.08 | 3.50 |
| Vanuatu | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.68 | 2.87 | 4.53 | Vanuatu | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.22 | 2.51 | 3.95 | Vanuatu | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 4.19 | 3.25 | 5.18 |
| Vanuatu | Both | $60-64$ years | 5.15 | 4.05 | 6.37 | Vanuatu | Male | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 4.48 | 3.54 | 5.58 | Vanuatu | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.91 | 4.59 | 7.37 |
| Vanuatu | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.32 | 5.86 | 8.92 | Vanuatu | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.24 | 5.04 | 7.62 | Vanuatu | Female | $\begin{aligned} & \text { 65-69 } \\ & \text { vears } \end{aligned}$ | 8.53 | 6.78 | 10.41 |
| Vanuatu | Both | $70-74$ years | 10.01 | 7.85 | 12.61 | Vanuatu | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.38 | 6.58 | 10.61 | Vanuatu | Female | 70-74 years | 11.83 | 9.22 | 14.99 |


| Vanuatu | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 12.53 | 10.13 | 15.37 | Vanuatu | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 10.41 | 8.35 | 12.79 | Vanuatu | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 14.93 | 12.06 | 18.25 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Vanuatu | Both | All ages | 0.88 | 0.75 | 1.00 | Vanuatu | Male | All ages | 0.78 | 0.67 | 0.90 | Vanuatu | Female | All ages | 0.97 | 0.82 | 1.10 |
| Vanuatu | Both | 80-84 | 14.69 | 12.14 | 17.81 | Vanuatu | Male | 80-84 | 12.19 | 10.01 | 14.87 | Vanuatu | Female | 80-84 | 17.55 | 14.45 | 21.44 |
| Vanuatu | Both | 85-89 | 16.20 | 13.34 | 19.65 | Vanuatu | Male | 85-89 | 13.46 | 11.03 | 16.40 | Vanuatu | Female | 85-89 | 19.17 | 15.69 | 23.23 |
| Vanuatu | Both | 90-94 | 17.09 | 14.16 | 20.46 | Vanuatu | Male | 90-94 | 14.31 | 11.72 | 17.30 | Vanuatu | Female | 90-94 | 19.95 | 16.41 | 23.94 |
| Venezuel <br> a <br> (Bolivari <br> an <br> Republic <br> of) | Both | 40-44 years | 0.33 | 0.23 | 0.43 | Venezuel <br> a <br> (Bolivari <br> an <br> Republic <br> of) | Male | $40-44$ years | 0.28 | 0.20 | 0.37 | Venezuel <br> a <br> (Bolivari <br> an <br> Republic <br> of) | Female | $40-44$ years | 0.37 | 0.26 | 0.50 |
| Venezuel <br> a <br> (Bolivari <br> an <br> Republic <br> of) | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.68 | 0.52 | 0.85 | Venezuel <br> (Bolivari <br> an <br> Republic <br> of) | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.57 | 0.44 | 0.72 | Venezuel <br> a <br> (Bolivari <br> an <br> Republic <br> of) | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \end{aligned}$ | 0.78 | 0.60 | 0.99 |
| Venezuel <br> (Bolivari <br> an <br> Republic <br> of) | Both | 50-54 years | 1.19 | 0.92 | 1.52 | Venezuel a (Bolivari an Republic of) | Male | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 0.99 | 0.76 | 1.27 | Venezuel <br> (Bolivari <br> an <br> Republic <br> of) | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.39 | 1.05 | 1.77 |
| Venezuel <br> a <br> (Bolivari <br> an <br> Republic <br> of) | Both | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.93 | 1.51 | 2.35 | Venezuel a (Bolivari an Republic of) | Male | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 1.59 | 1.24 | 1.96 | Venezuel a <br> (Bolivari <br> an <br> Republic <br> of) | Female | $\begin{aligned} & \hline 55-59 \\ & \text { years } \end{aligned}$ | 2.25 | 1.73 | 2.76 |
| Venezuel a (Bolivari an Republic of) | Both | 60-64 years | 2.95 | 2.31 | 3.67 | Venezuel <br> (Bolivari <br> an <br> Republic <br> of) | Male | 60-64 years | 2.42 | 1.91 | 3.03 | Venezuel <br> a <br> (Bolivari <br> an <br> Republic <br> of) | Female | 60-64 years | 3.44 | 2.68 | 4.36 |
| Venezuel a <br> (Bolivari <br> an <br> Republic <br> of) | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.75 | 3.77 | 5.86 | Venezuel <br> a <br> (Bolivari <br> an <br> Republic <br> of) | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 3.89 | 3.08 | 4.79 | Venezuel a <br> (Bolivari <br> an <br> Republic <br> of) | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.52 | 4.35 | 6.83 |
| Venezuel <br> a <br> (Bolivari <br> an <br> Republic <br> of) | Both | 70-74 years | 7.13 | 5.51 | 9.01 | Venezuel <br> a <br> (Bolivari <br> an <br> Republic <br> of) | Male | 70-74 years | 5.85 | 4.47 | 7.37 | Venezuel <br> a <br> (Bolivari <br> an <br> Republic <br> of) | Female | $\begin{aligned} & 70-74 \\ & \text { years } \end{aligned}$ | 8.26 | 6.30 | 10.55 |


| Venezuel <br> a <br> (Bolivari <br> an <br> Republic <br> of) | Both | 75-79 <br> years | 9.55 | 7.61 | 11.65 | Venezuel a (Bolivari an Republic of) | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 7.83 | 6.16 | 9.60 | Venezuel a (Bolivari an Republic of) | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 10.99 | 8.71 | 13.58 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Venezuel <br> a <br> (Bolivari <br> an <br> Republic <br> of) | Both | All ages | 1.08 | 0.92 | 1.24 | Venezuel a (Bolivari an Republic of) | Male | All ages | 0.84 | 0.71 | 0.97 | Venezuel <br> a <br> (Bolivari <br> an <br> Republic <br> of) | Female | All ages | 1.31 | 1.12 | 1.50 |
| Venezuel <br> a <br> (Bolivari <br> an <br> Republic <br> of) | Both | 80-84 | 11.83 | 9.55 | 14.38 | Venezuel <br> a <br> (Bolivari <br> an <br> Republic <br> of) | Male | 80-84 | 9.66 | 7.78 | 11.87 | Venezuel a (Bolivari an Republic of) | Female | 80-84 | 13.45 | 10.82 | 16.46 |
| Venezuel <br> a <br> (Bolivari <br> an <br> Republic <br> of) | Both | 85-89 | 13.56 | 11.14 | 16.27 | Venezuel <br> a <br> (Bolivari <br> an <br> Republic <br> of) | Male | 85-89 | 11.12 | 9.01 | 13.38 | Venezuel <br> a <br> (Bolivari <br> an <br> Republic <br> of) | Female | 85-89 | 15.17 | 12.49 | 18.25 |
| Venezuel <br> a <br> (Bolivari <br> an <br> Republic <br> of) <br> V | Both | 90-94 | 14.81 | 12.24 | 17.71 | Venezuel a (Bolivari an Republic of) | Male | 90-94 | 12.32 | 10.11 | 14.72 | Venezuel <br> a <br> (Bolivari <br> an <br> Republic <br> of) <br> V | Female | 90-94 | 16.27 | 13.44 | 19.38 |
| Viet <br> Nam | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.56 | 0.41 | 0.73 | Viet Nam | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.49 | 0.36 | 0.65 | Viet Nam | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.62 | 0.46 | 0.84 |
| $\begin{aligned} & \hline \text { Viet } \\ & \text { Nam } \\ & \hline \end{aligned}$ | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.22 | 0.95 | 1.55 | $\begin{aligned} & \hline \text { Viet } \\ & \text { Nam } \\ & \hline \end{aligned}$ | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.04 | 0.81 | 1.33 | Viet Nam | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.40 | 1.09 | 1.78 |
| Viet | Both | 50-54 years | 2.21 | 1.68 | 2.81 | Viet Nam | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.84 | 1.40 | 2.37 | Viet Nam | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 2.55 | 1.93 | 3.28 |
| $\begin{aligned} & \hline \text { Viet } \\ & \text { Nam } \\ & \hline \end{aligned}$ | Both | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.44 | 2.70 | 4.22 | Viet <br> Nam | Male | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 2.82 | 2.21 | 3.49 | Viet <br> Nam | Female | $\begin{aligned} & 55-59 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.00 | 3.11 | 4.94 |
| Viet Nam | Both | $60-64$ years | 4.90 | 3.84 | 6.04 | Viet Nam | Male | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.92 | 3.08 | 4.89 | Viet Nam | Female | $\begin{aligned} & \hline 60-64 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.71 | 4.43 | 7.02 |
| $\begin{aligned} & \hline \text { Viet } \\ & \text { Nam } \end{aligned}$ | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 7.01 | 5.64 | 8.51 | Viet Nam | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 5.45 | 4.39 | 6.74 | Viet Nam | Female | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 8.20 | 6.58 | 10.00 |
| Viet <br> Nam | Both | $70-74$ years | 9.62 | 7.54 | 12.05 | Viet Nam | Male | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.31 | 5.74 | 9.05 | Viet Nam | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \\ & \hline \end{aligned}$ | 11.22 | 8.77 | 14.23 |
| Viet Nam | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 12.26 | 9.78 | 15.08 | Viet Nam | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 9.11 | 7.34 | 10.99 | Viet Nam | Female | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 14.09 | 11.22 | 17.51 |
| Viet Nam | Both | All ages | 1.42 | 1.22 | 1.63 | Viet Nam | Male | All ages | 0.97 | 0.84 | 1.12 | Viet Nam | Female | All ages | 1.86 | 1.59 | 2.13 |
| Viet <br> Nam | Both | 80-84 | 14.65 | 11.87 | 17.76 | Viet Nam | Male | 80-84 | 10.74 | 8.74 | 13.09 | Viet Nam | Female | 80-84 | 16.57 | 13.43 | 20.14 |


| Viet Nam | Both | 85-89 | 16.34 | 13.44 | 19.68 | Viet Nam | Male | 85-89 | 12.00 | 9.79 | 14.51 | Viet Nam | Female | 85-89 | 18.21 | 14.85 | 22.03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Viet Nam | Both | 90-94 | 17.67 | 14.59 | 21.09 | $\begin{aligned} & \hline \text { Viet } \\ & \text { Nam } \end{aligned}$ | Male | 90-94 | 12.97 | 10.69 | 15.61 | Viet Nam | Female | 90-94 | 19.14 | 15.83 | 22.88 |
| Yemen | Both | $40-44$ years | 0.38 | 0.27 | 0.52 | Yemen | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.33 | 0.24 | 0.46 | Yemen | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.42 | 0.30 | 0.57 |
| Yemen | Both | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.79 | 0.61 | 1.00 | Yemen | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.70 | 0.54 | 0.88 | Yemen | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.89 | 0.69 | 1.12 |
| Yemen | Both | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.40 | 1.07 | 1.77 | Yemen | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.22 | 0.93 | 1.55 | Yemen | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.57 | 1.19 | 2.01 |
| Yemen | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.19 | 1.71 | 2.67 | Yemen | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.91 | 1.50 | 2.35 | Yemen | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.46 | 1.92 | 3.02 |
| Yemen | Both | 60-64 years | 3.17 | 2.51 | 3.95 | Yemen | Male | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 2.75 | 2.17 | 3.46 | Yemen | Female | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 3.58 | 2.77 | 4.48 |
| Yemen | Both | $\begin{aligned} & 65-69 \\ & \text { years } \end{aligned}$ | 4.71 | 3.76 | 5.79 | Yemen | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \end{aligned}$ | 4.08 | 3.23 | 5.06 | Yemen | Female | $\begin{aligned} & \text { 65-69 } \\ & \text { years } \end{aligned}$ | 5.34 | 4.24 | 6.63 |
| Yemen | Both | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 6.71 | 5.12 | 8.46 | Yemen | Male | $70-74$ years | 5.78 | 4.42 | 7.28 | Yemen | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 7.63 | 5.79 | 9.68 |
| Yemen | Both | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.76 | 7.03 | 10.65 | Yemen | Male | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 7.55 | 6.09 | 9.27 | Yemen | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 9.94 | 7.93 | 12.19 |
| Yemen | Both | All ages | 0.40 | 0.34 | 0.46 | Yemen | Male | All ages | 0.35 | 0.29 | 0.40 | Yemen | Female | All ages | 0.46 | 0.39 | 0.53 |
| Yemen | Both | 80-84 | 10.70 | 8.66 | 13.08 | Yemen | Male | 80-84 | 9.26 | 7.42 | 11.38 | Yemen | Female | 80-84 | 12.08 | 9.80 | 14.76 |
| Yemen | Both | 85-89 | 12.32 | 10.04 | 14.78 | Yemen | Male | 85-89 | 10.72 | 8.72 | 13.05 | Yemen | Female | 85-89 | 13.68 | 11.13 | 16.45 |
| Yemen | Both | 90-94 | 13.64 | 11.19 | 16.37 | Yemen | Male | 90-94 | 11.99 | 9.83 | 14.69 | Yemen | Female | 90-94 | 14.81 | 12.16 | 17.85 |
| Zambia | Both | 40-44 years | 0.31 | 0.22 | 0.41 | Zambia | Male | $40-44$ years | 0.27 | 0.20 | 0.37 | Zambia | Female | $40-44$ years | 0.34 | 0.25 | 0.46 |
| Zambia | Both | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.67 | 0.52 | 0.85 | Zambia | Male | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.60 | 0.46 | 0.76 | Zambia | Female | $\begin{aligned} & 45-49 \\ & \text { years } \end{aligned}$ | 0.76 | 0.58 | 0.97 |
| Zambia | Both | $50-54$ years | 1.23 | 0.92 | 1.58 | Zambia | Male | $50-54$ years | 1.08 | 0.81 | 1.41 | Zambia | Female | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.38 | 1.03 | 1.78 |
| Zambia | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.99 | 1.56 | 2.46 | Zambia | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 1.74 | 1.35 | 2.15 | Zambia | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.25 | 1.76 | 2.79 |
| Zambia | Both | 60-64 years | 2.97 | 2.33 | 3.71 | Zambia | Male | 60-64 years | 2.55 | 2.00 | 3.20 | Zambia | Female | 60-64 years | 3.36 | 2.62 | 4.20 |
| Zambia | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.48 | 3.58 | 5.51 | Zambia | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 3.78 | 3.03 | 4.69 | Zambia | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.09 | 4.06 | 6.23 |
| Zambia | Both | $70-74$ years | 6.45 | 4.92 | 8.10 | Zambia | Male | $70-74$ years | 5.36 | 4.13 | 6.76 | Zambia | Female | $70-74$ years | 7.34 | 5.56 | 9.31 |
| Zambia | Both | $\begin{aligned} & 75-79 \\ & \text { years } \end{aligned}$ | 8.55 | 6.79 | 10.50 | Zambia | Male | $\begin{aligned} & 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 7.10 | 5.66 | 8.68 | Zambia | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 9.72 | 7.66 | 11.98 |
| Zambia | Both | All ages | 0.32 | 0.27 | 0.37 | Zambia | Male | All ages | 0.26 | 0.23 | 0.30 | Zambia | Female | All ages | 0.37 | 0.32 | 0.43 |
| Zambia | Both | 80-84 | 10.68 | 8.58 | 13.02 | Zambia | Male | 80-84 | 8.88 | 7.07 | 10.93 | Zambia | Female | 80-84 | 12.06 | 9.71 | 14.77 |


| Zambia | Both | 85-89 | 12.52 | 10.21 | 15.03 | Zambia | Male | 85-89 | 10.51 | 8.57 | 12.73 | Zambia | Female | 85-89 | 13.96 | 11.34 | 16.84 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Zambia | Both | 90-94 | 14.13 | 11.55 | 16.83 | Zambia | Male | 90-94 | 12.00 | 9.81 | 14.48 | Zambia | Female | 90-94 | 15.45 | 12.64 | 18.48 |
| Zimbabw <br> e | Both | $\begin{aligned} & \hline 40-44 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.39 | 0.28 | 0.53 | Zimbabw <br> e | Male | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.33 | 0.24 | 0.46 | Zimbabw e | Female | $\begin{aligned} & \hline 40-44 \\ & \text { years } \end{aligned}$ | 0.45 | 0.33 | 0.61 |
| Zimbabw <br> e | Both | $\begin{aligned} & 45-49 \\ & \text { yenar } \end{aligned}$ | 0.87 | 0.67 | 1.10 | Zimbabw <br> e | Male | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 0.73 | 0.55 | 0.93 | Zimbabw <br> e | Female | $\begin{aligned} & \hline 45-49 \\ & \text { years } \\ & \hline \end{aligned}$ | 1.01 | 0.77 | 1.29 |
| Zimbabw <br> e | Both | $\begin{aligned} & 50-54 \\ & \text { years } \end{aligned}$ | 1.61 | 1.22 | 2.09 | Zimbabw <br> e | Male | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.32 | 1.00 | 1.70 | Zimbabw e | Female | $\begin{aligned} & \hline 50-54 \\ & \text { years } \end{aligned}$ | 1.86 | 1.42 | 2.44 |
| Zimbabw <br> e | Both | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.63 | 2.03 | 3.28 | Zimbabw e | Male | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 2.12 | 1.65 | 2.63 | Zimbabw e | Female | $\begin{aligned} & 55-59 \\ & \text { years } \end{aligned}$ | 3.00 | 2.31 | 3.74 |
| Zimbabw e | Both | $60-64$ years | 3.93 | 3.10 | 4.91 | Zimbabw e | Male | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 3.12 | 2.44 | 3.92 | Zimbabw e | Female | $\begin{aligned} & 60-64 \\ & \text { years } \end{aligned}$ | 4.47 | 3.48 | 5.62 |
| Zimbabw <br> e | Both | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 5.96 | 4.78 | 7.32 | Zimbabw <br> e | Male | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 4.65 | 3.71 | 5.70 | Zimbabw <br> e | Female | $\begin{aligned} & \hline 65-69 \\ & \text { years } \\ & \hline \end{aligned}$ | 6.86 | 5.47 | 8.43 |
| Zimbabw <br> e | Both | $70-74$ years | 8.62 | 6.64 | 10.83 | Zimbabw <br> e | Male | $70-74$ years | 6.61 | 5.10 | 8.32 | Zimbabw <br> e | Female | $\begin{aligned} & \hline 70-74 \\ & \text { years } \end{aligned}$ | 9.96 | 7.60 | 12.69 |
| Zimbabw <br> e | Both | $\begin{aligned} & \hline 75-79 \\ & \text { years } \end{aligned}$ | 11.34 | 9.10 | 13.89 | Zimbabw <br> e | Male | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 8.65 | 6.98 | 10.61 | Zimbabw <br> e | Female | $\begin{aligned} & \hline 75-79 \\ & \text { years } \\ & \hline \end{aligned}$ | 13.06 | 10.33 | 16.10 |
| Zimbabw <br> e | Both | All ages | 0.56 | 0.48 | 0.64 | Zimbabw <br> e | Male | All ages | 0.38 | 0.32 | 0.45 | Zimbabw e | Female | All ages | 0.71 | 0.60 | 0.82 |
| Zimbabw <br> e | Both | 80-84 | 13.93 | 11.38 | 17.07 | Zimbabw <br> e | Male | 80-84 | 10.63 | 8.68 | 13.12 | Zimbabw e | Female | 80-84 | 15.87 | 12.91 | 19.49 |
| Zimbabw <br> e | Both | 85-89 | 15.95 | 13.05 | 19.29 | Zimbabw <br> e | Male | 85-89 | 12.25 | 10.03 | 14.83 | Zimbabw e | Female | 85-89 | 17.81 | 14.55 | 21.63 |
| Zimbabw <br> e | Both | 90-94 | 17.50 | 14.44 | 20.97 | Zimbabw <br> e | Male | 90-94 | 13.56 | 11.13 | 16.35 | Zimbabw <br> e | Female | 90-94 | 18.96 | 15.58 | 22.70 |

## Supplementary Methods and Results

## Methods

The data, study protocol and GBD 2019 methods that support the findings of this study have been published previously and are available at www.health.data.org. For this study, we obtained estimates of incidence, prevalence, cause-specific mortality, years of life lost (YLLs), years lived with disability (YLDs), and DALYs for PAD from GBD 2019, as described in the original GBD 2019 manuscript. ${ }^{17-21}$ Consistent with previous iterations of GBD, PAD burden was estimated only among those aged at least 40 years.

## Mortality estimates

Detailed methodology for cause-specific mortality estimation is described in the appendix (pp 51-91) and previous publiations. ${ }^{17}$ Cause-specific mortality for PAD was estimated using the Cause of Death Ensemble model (CODEm) software with vital registration (VR) records as input data. ${ }^{17}$ International Classification Disease (ICD) codes in VR records were mapped to the GBD cause list (ICD 10: I70.2I70.8, I73-I73.9 and ICD 9: 440.2, 440.4, 443.0-443.9). Non-specific, intermediate, or implausible causes of death (e.g., "heart disease, unspecified", "heart failure", "senility", "hypertension") were reassigned to correct underlying causes of death, including PAD, via a set of redistribution algorithms developed for GBD 2019. ${ }^{17}$ These algorithms utilize 1) proportional information, 2) cause-specific priors, or 3) data sets with complete information on all contributing causes of death in addition to the underlying cause. ${ }^{17}$ The garbage code redistribution algorithm has been described in detail in the appendix (pp 63-69). Country-level covariates associated with PAD were included to inform the model. CODEm produces estimates of cause-specific mortality by age, sex, and location for each year by utilizing an ensemble of modeling methods with varying choices of covariates determined by model performance in out-of-sample predictive validity testing. ${ }^{17}$ Possible covariates were selected based on
a priori knowledge of the association between the covariate and PAD; this list can be found in the appendix (pp 2-3). Covariates and combinations of covariates were tested for statistical significance and plausibility (the coefficient must be in the expected direction). Covariates meeting these criteria are retained in the final model. ${ }^{17}$ Detailed methods describing the covariate selection process used in CODEm can be found in the appendix (pp 80-82) and elsewhere. ${ }^{22}$ The results obtained with the Ensemble models were then adjusted by scaling them within the fraction of deaths due to all cardiovascular diseases and all-cause mortality. The 2.5 and $97 \cdot 5^{\text {th }}$ percentiles of the posterior distribution were used to determine uncertainty intervals.

## Morbidity estimates

The studies eligible for assessing PAD prevalence were those that included an ABI measurement and defined PAD as ABI less than or equal to 0.90 . We excluded literature with different ABI cut-offs to minimize inconsistency. In addition to published studies, we also included health system administrative data, including outpatient claims data for prevalence assessment. We adjusted administrative health care data using literature data reporting directly measured ABI values as reference data according to the standard adjustment procedure outlined in the appendix (pp 93-116). Details of the search strategy and a full list of the input data sources used in the morbidity analysis can be found in the appendix (pp 59). When calculating YLDs, we only accounted burden from PAD with intermittent claudication. Intermittent claudication was defined clinically; ${ }^{23}$ as leg pain on exertion in those with an ankle-brachial index (ABI) less than or equal to $0 \cdot 90$. We used DisMod-MR to model the proportion of PAD with intermittent claudication and used the proportion of intermittent claudication to split the overall prevalence of PAD into symptomatic and asymptomatic PAD. This approach has been used in previous GBD papers to split prevalence of disease by stage, ${ }^{24}$ symptom, ${ }^{25}$ and severity. ${ }^{26}$ The list of studies we used to calculate the proportion of claudication and more description are provided in appendix (pp 611).

Estimates of overall PAD prevalence and the proportion of PAD cases with intermittent claudication were calculated using two separate DisMod-MR 2.1 models. ${ }^{17}$ DisMod-MR is a Bayesian geospatial disease modeling approach that uses different disease parameters (e.g., prevalence, incidence, remission, and mortality), epidemiological relationships between these parameters, and geospatial patterns to generate disease estimates. The model ensures consistency among all disease parameters by employing differential equations with suitable boundary conditions. The tool incorporates an offset log-normal model with fixed effects for location-specific covariates and random effects for locations. The covariates included in the models can be found in the appendix (pp 101-124). Estimates were made for 7 super-regions, 21 world regions, and 204 countries and territories utilizing a geographic cascade as described in the appendix (pp 116-117). Disease distributions from higher geographical levels were used as priors to information for the next levels, and the $2 \cdot 5$ and $97 \cdot 5^{\text {th }}$ percentiles of the posterior distribution were used to determine uncertainty intervals. The PAD DisMod-MR models were evaluated based on comparisons with estimates from prior iterations of GBD and expert review via the GBD collaborator network. ${ }^{17}$

## Summary burden measures

To aid in comparisons of disease burden across locations, the GBD computes three summary measures. YLLs were calculated as the difference between the age of death for PAD and the maximum life expectancy across all locations observed in the GBD. To estimate YLDs caused by PAD, we used the proportion of intermittent claudication to split the overall prevalence of PAD into symptomatic and asymptomatic PAD. YLDs were calculated as the product of the disability weights ${ }^{27}$ for symptomatic and asymptomatic PAD and the corresponding prevalence; information on disability weights for these two health states can be found in the appendix (p 10). DALYs are calculated as the sum of YLLs and YLDs to provide a comprehensive picture of the disease burden due to each cause. Age-standardised rates per 100000 population were computed by the direct method to the GBD population standard.

## Risk factors

The GBD comparative risk assessment framework was used to estimate the burden of PAD attributable to six risk factors: smoking, high fasting plasma glucose, high blood pressure, kidney dysfunction, high sodium intake, and lead exposure. These risks were selected based on the following criteria: sufficient evidence for causation for each risk outcome pair using the Bradford Hill; availability of risk exposure data; and potential for risk modification and policy relevance. PAD-related attributable burden was estimated by age, sex, country, and year. Estimating GBD risk factors involves six steps. The first is identifying risk-outcome pairs with convincing or plausible evidence. The second is calculating the relative risk of exposure for each risk-outcome pair. The third is calculating the exposure levels for each risk factor based on age, sex, location, and year. The fourth is establishing a theoretical minimum risk exposure level (TMREL). The fifth is calculating the population attributable fraction and attributable burden, utilizing the relative risk, exposure levels, and TMREL calculated in the ahead steps. ${ }^{17}$ The final step is calculating the total disease burden attributable to all risk factors, after accounting for a possible mediation between covariates. Further information about the methodology used and the individual steps is available in the appendix (pp 12-50) and in prior GBD publications. ${ }^{17}$

## Sociodemographic index and income

Raw numbers and age-standardised rates of prevalence, incidence, DALY, and mortality of PAD were extracted from GBD 2019 and stratified by geographic region, sex, age, sociodemographic index (SDI), and World Bank income level. We measured the social and developmental status of each country through two measures: sociodemographic index (SDI) and average income. SDI is defined in the GBD study as a composite score of fertility under age 25 , average education for individuals over age 15 , and lag-distributed income per capita; the index range from 0 to $1 .{ }^{18}$ Quintiles of ranked SDI values (i.e., low, low-middle, middle, high-middle, and high SDI) were obtained from the GBD 2019 data and used in the analysis. We also obtained the World Bank income level of each country and classified countries
into high-income (HIC), upper middle-income (UMIC), lower middle-income (LMIC), and low-income (LIC) countries.

## Results

## Global Burden of PAD

The age-standardised DALYs, mortality, prevalence, and incidence rates of PAD at the country level are shown in Figure 1A-D. In 2019, a global prevalence of PAD is $1 \cdot 52 \%(1 \cdot 33-1 \cdot 72)$; the prevalence of PAD was substantially higher in females ( $2.03 \%[1 \cdot 77-2 \cdot 3]$ ) than males ( $1.01 \%$ [0•88-1•16]) from 1990-2019 (Table 1). The global prevalence of PAD was much higher in the elderly, where the global prevalence of symptomatic PAD was $14.91 \%$ (12.41-17.87) in those aged $80-84$, and the prevalence diverged by sex ( $18.03 \%$ (15.01-21.63) in females and $10.56 \%$ (8.78-12.76) in males). Globally, the total number of patients with PAD almost doubled from $65 \cdot 8$ million [95\% uncertainty interval (UI) $57 \cdot 2-74 \cdot 5$ ] in 1990 to 113 million [99•2-128•4] in 2019 (appendix pp 140-151, Figure 2A). However, global age-standardised prevalence rates decreased during the study period, from $1,790[1,564-2,033]$ per 100000 population in 1990 to 1,402 [1,229-1,589] per 100000 population in 2019, a $21 \cdot 7 \%$ [20•5-22•8] decrease (appendix pp 140-151, Figure 2B). Likewise, the total number of DALYs increased twofold from 0.776 million [ $0 \cdot 488-1 \cdot 178$ ] in 1990 to $1 \cdot 536$ million [ $1 \cdot 007-2 \cdot 370$ ] in 2019, while age-standardised DALYs rates decreased from $22 \cdot 4[14 \cdot 1-34 \cdot 1]$ to $19.6[12 \cdot 9-30 \cdot 2]$ per 100000 population in 1990 and 2019, respectively (appendix pp 152-163, Figure 2).

PAD accounted for a total of 74,063 [41,183-128,164] deaths in 2019, resulting in an agestandardised mortality rate of $1 \cdot 0[0 \cdot 6-1 \cdot 7]$ per 100000 population (appendix pp 164-175, Figure 2AB), which was fairly constant over the period of 1990-2019. A total number of incidence cases increased
from $6 \cdot 13$ million [5•32-7•00] to 10.50 million [ $9 \cdot 16-12 \cdot 00$ ] in 1990 and 2019 , respectively, while age-standardised incident rates decreased $18 \cdot 9 \%$ [18.0-19•8] resulting in incident rates of $127 \cdot 1$ [111•3-145•5] per 100000 population in 2019 (appendix pp 176-187, Figure 2A-B).

Stratified by 21 GBD-defined regions, High-income North America and Western Europe regions had the highest and second-highest age-standardised prevalence rate of PAD at 2,214 [1,9872,434] and 1,903 [1,659-2,145] per 100000 population, respectively, in 2019 (appendix pp 140-151); these were $29 \cdot 2 \%$ [23•7-33•7] and $34 \cdot 2 \%[33 \cdot 3-35 \cdot 1]$ decreases from 1990, respectively. The region with the lowest prevalence rate was Andean Latin America, where the age-standardised prevalence rate was $828 \cdot 7[715 \cdot 4-951 \cdot 2]$. Although age-standardised prevalence rates decreased globally, the trend varied widely, with High-income Asia Pacific having experienced a decrease as large as $41 \cdot 6 \%$ [40.8$42 \cdot 3]$ and most countries in Oceania $(9 \cdot 3 \%[6 \cdot 6-12 \cdot 9]$ ), East Asia $(6 \cdot 8 \%[5 \cdot 5-8 \cdot 1])$, and Southeast Asia $(4 \cdot 2 \%$ [2•8-5•7]) reporting increases in PAD prevalence rates from 1990 to 2019.

Eastern Europe had the highest age-standardised DALYs rates of PAD in 2019 at $63 \cdot 6[33 \cdot 5-$ $117 \cdot 8$ ] per 100000 population, a $25 \cdot 9 \%$ [ $-9 \cdot 8-54 \cdot 4$ ] increase since 1990 . Central and Southern subSaharan Africa followed with DALYs rates at $43 \cdot 1$ [24•0-65•5] and $41 \cdot 8[33 \cdot 4-49 \cdot 9]$ per 100000 , respectively. The lowest DALYs rates were reported by Andean Latin America and High-income Asia Pacific regions in $2019(5 \cdot 9[3 \cdot 7-9 \cdot 2]$ and $7 \cdot 5[4 \cdot 5-12 \cdot 0]$, respectively). Change in DALYs rates varied widely across countries; many countries, for example, Slovakia ( $91 \cdot 4 \%[22 \cdot 3-182 \cdot 8])$ and Serbia (69•0\% [23•3-132•9]), experienced a steep increase in PAD DALYs rates from 1990 to 2019, while others underwent a precipitous decrease over time, the drop being as large as $47 \cdot 7 \%$ [54•7-40•1] in the Republic of Korea.

## Burden of PAD according to demographic factors

Consistently throughout the study period 1990-2019, numbers and age-standardised prevalence and incidence rates of PAD were substantially higher in females than in males (appendix $p$ 138). On the other hand, the total number and age-standardised rate of DALYs and mortality for PAD were
comparable across both sexes throughout the study period (appendix p 138). Stratified by age, in 2019, prevalence, deaths, and DALYs rates increased steeply with increasing age (appendix p 138). In contrast, the age-specific prevalence and incidence cases had a unimodal distribution for both sexes, peaking at age 70-74 and 65-69, respectively (Figure 3A-B). For DALYs, the distribution was similar for males with the highest DALYs occurring at age 70-74, but the distribution was skewed towards higher ages for females, with highest DALYs for PAD at age 80-84 (Figure 3C). Death counts were greatest for females aged 85-89 and males aged 80-84 (Figure 3D).

## Burden of PAD according to SDI

The disease burden of PAD had a distinct association with SDI level (appendix p 135). Higher SDI quintiles tended to have higher DALYs and mortality rates, with High and High-Middle quintiles having the highest DALYs and mortality rates across the study period $(1 \cdot 5[0 \cdot 7-2 \cdot 8]$ and $1 \cdot 4[0 \cdot 7-2 \cdot 4]$ PAD deaths per 100000 population in 2019, respectively) and Middle and Low-middle SDI quintiles with the lowest rates $(0 \cdot 4$ [ $0 \cdot 3-0 \cdot 5$ ] PAD deaths per 100000 population in 2019 for both Middle and Lowmiddle quintiles); the Low SDI quintile, however, was located in the middle, having DALYs and mortality rates higher than the Low-middle and Middle quintiles and lower than the High and Highmiddle quintiles ( $0 \cdot 7$ [0.4-1•0] PAD deaths per 100000 population in 2019) (appendix pp 164-175). For Middle and Low-middle SDI quintiles, age-standardised mortality rates of PAD increased from 1990 to $2019(29 \cdot 3 \%$ [ $4 \cdot 3-49 \cdot 8]$ and $55 \cdot 4 \%$ [21•0-82•4] increase, respectively); the trend was not significant in High, High-middle, and Low SDI quintiles (appendix pp 164-175).

The age-standardised prevalence rates of PAD increased with increasing SDI quintile, with the High SDI quintile having the highest prevalence rates and the Low SDI quintile having the lowest prevalence rates in $2019(1,794$ [1,585-2,006] and $938 \cdot 6$ [815•0-1,074•6] per 100000 population, respectively)(appendix pp 140-151). Further, higher SDI quintiles underwent a steep decrease in PAD age-standardised prevalence rates, with High and High-middle SDI quintiles having $34 \cdot 0 \%$ [32•0-35•8] and $15 \cdot 4 \%[14 \cdot 2-16 \cdot 4]$ drops in age-standardised prevalence rates, respectively, from 1990 to 2019;
however, in lower SDI quintiles, the rates remain stable over time (appendix p 135). The directionality and slope of association between SDI and age-standardised DALYs, mortality, prevalence, and incidence rates of PAD differed according to geographic region (appendix p 136). Meanwhile, there was an overall positive correlation between higher SDI and higher age-standardised DALYs rate (appendix pp 137).

This trend was replicated with the analysis using the World Bank income level; DALYs and mortality rates of PAD had a U-shape with the high DALYs and mortality rates occurring in the highest and lowest income levels (Figure 4A-B). In contrast, prevalence and incidence rates of PAD increased stepwise with increasing income level (Figure 4C-D).

## Risk factors

The total number of PAD DALYs globally attributable to all estimated risk factors in 2019 was $1 \cdot 066$ million [0.690-1.646] for both sexes combined, which accounted for $69 \cdot 4 \%(64 \cdot 2-74 \cdot 3)$ of all PAD DALYs. Males were estimated to have 0.589 million ( $0.333-1.072$ ) PAD DALYs attributable to risk factors, or $76 \cdot 9 \%(72 \cdot 7-80 \cdot 4)$ of all PAD DALYs in males, whereas females were estimated to have 0.477 million ( $0.285-0.760$ ) PAD DALYs attributable to risk factors, or $62 \cdot 0 \%(57 \cdot 0-67 \cdot 0)$ of all PAD DALYs in females. Figure 5 depicts the contribution of six risk factors to age-standardised DALYs rate due to PAD, for males and females, for global regions in 2019. In males, the age-standardised DALYs rate for PAD attributed to smoking was $9 \cdot 5(5 \cdot 1-17 \cdot 2)$, high fasting plasma glucose was $6 \cdot 4(3 \cdot 5-12 \cdot 0)$, high blood pressure was $5 \cdot 9(3 \cdot 2-10 \cdot 8)$, kidney dysfunction was $3 \cdot 6(1 \cdot 9-6 \cdot 8)$, high sodium was 0.9 $(0 \cdot 2-2 \cdot 4)$, and lead was $0 \cdot 3(0 \cdot 2-0 \cdot 6)$ (Figure 5$)$. In females, the age-standardised DALYs rate for PAD attributed to smoking was $3 \cdot 1(1 \cdot 7-5 \cdot 4)$, high fasting plasma glucose was $4 \cdot 6(2 \cdot 7-7 \cdot 6)$, high blood pressure was $4 \cdot 8(2 \cdot 7-8 \cdot 3)$, kidney dysfunction was $2 \cdot 7(1 \cdot 5-4 \cdot 4)$, high sodium was $0 \cdot 5(0 \cdot 1-1 \cdot 5)$, and lead was $0 \cdot 2(0 \cdot 1-0 \cdot 4)$ (Figure 5$)$.

## Providing data or critical feedback on data sources

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