

Supplementary Material (Appendix) for: Global, regional, and national burden of diseases and injuries for adults 70 years and older: systematic analysis for the Global Burden of Disease 2019 Study

This appendix provides specific methodological detail, supplemental figures, and more detailed results for “Global, regional, and national burden of diseases and injuries for adults 70 years and older: systematic analysis for the Global Burden of Disease 2019 Study.”

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Global Burden of Disease overview

GATHER statement

This study is in compliance with the Guidelines for Accurate and Transparent Health Estimates Reporting (GATHER) statement. The GBD 2019 capstone papers¹⁻³ and their respective supplementary documents contain the general methods, data sources, model selection information, performance and limitation information for the GBD 2019 analyses including detailed GATHER documentation. Supplementary table 1 contains GATHER compliance information for this publication.

GBD cause list and location hierarchy

The GBD cause list can be found in the supplementary table 2, consisting of a hierarchy that is mutually exclusive and collectively exhaustive. The GBD location hierarchy, including levels, for GBD superregions, regions, countries and sub-country analysis is presented in supplementary table 3. Details on the overall GBD 1990–2019 cause list have been documented and can be found elsewhere^{1,3}. This paper uses the same cause list in the population aged 70 years and older.

Socio-demographic Index (SDI)

The Socio-demographic Index (SDI) is a composite indicator of development status initially constructed for

GBD 2015 whose components are strongly correlated with health outcomes. SDI in GBD 2019 incorporated changes that replaced the total fertility rate (TRF) component with the total fertility rate (TFU25) in females under the age of 25 years from previous GBD cycles. Specific SDI methodology information is described elsewhere.⁴

Data sources

A complete list of sources used in the GBD 2019 analyses is available from the GBD 2019 DataInput Sources Tool (<http://ghdx.healthdata.org/gbd-2019/data-input-sources>).

Mortality and death cause-specific estimation process for those over 70 years old

Mortality and death cause estimates for the population aged 70 years and older had followed the standard procedure methodology of GBD 2019 and were generated using Cause of Death Ensemble modelling (CODEm). The CODEm approach has been described elsewhere^{1,3}.

The cause of death (CoD) database contains seven types of data sources: vital registration (VR), verbal autopsy (VA), cancer registry (CR), police records, sibling history, surveillance, and survey/census. When all the types of data are collected in various formats, then the input data are standardised to run through central CoD machinery to then to be uploaded to the database. A specific tool has been developed through GBD called age-sex splitting, that takes aggregated age groups, and likewise the “both sexes combined” grouping, and divides them into what their constituent age groups would likely have been using respective cause-specific and country-specific age distributions. This allows the GBD study to include age categories from early neonatal (0-6 days) to the age group of 95 years and older. This calculation formula is described in detailed elsewhere.^{1,3}

For certain causes of death, mortality rates reported in vital registration systems are impossible to reconcile with observed trends in disease prevalence and excess mortality. These include dementia, Parkinson’s disease, and atrial fibrillation and flutter. It is well known that dementias and Parkinson’s disease are highly prevalent in the older population, starting mildly even from the age of 70.^{5,1} GBD 2017 as well as 2019 made an effort to calculate the known bias regarding these causes of death data by detecting the proportion of deaths that had to be assigned to these causes, and after that, to assess the GBD causes and garbage codes to which these kind of deaths were inaccurately assigned. As described in the past GBD methodologies (GBD 2017 and 2015),^{1,6} the aforementioned causes of death were processed in CODCorrect in a manner that inappropriately led to changes in mortality estimates for causes that were not related to dementia, Parkinson’s, and atrial fibrillation and flutter. In GBD 2016, a huge literature review⁷ was applied to assess the causes of death mostly related to Parkinson’s and Alzheimer’s diseases, helping in further CodCorrect adjustments, while in GBD 2017 and 2019 a more refined process, even further limiting bias, was used.^{1,5} The current study, by applying this miscoding correction for the aforementioned diseases, is calibrating the mortality rates for those 70 years and older with the minimum possible bias.

Non-fatal modelling methods for those 70 years and older

Non-fatal estimates for the population aged 70 years and older were modelled using the DisMod-MR 2.1 tool. Morbidity modelling methods used in the same manner as described in detail in the GBD 2019 methodology have been documented elsewhere.^{2,8}

A group of behavioural, environmental and occupational, and metabolic risks that contribute to disease burden were evaluated in GBD 2019. The same group of risk factors was used in the current analysis to identify those that are closely related to the ageing population. The methodology regarding risk factor estimation and evaluation is described in detail elsewhere.^{2,4}

Healthcare Access and Quality (HAQ) Index

The HAQ Index in GBD 2016 used 32 causes for which death should not occur in the presence of effective care to approximate personal health-care access and quality by location and over time. A risk-standardised cause-specific death methodology due to non-cancers by location-year, replaced the local combined exposure of environmental and behavioural risks with the global level of exposure applied, to isolate potential effects of personal health-care access and quality from underlying risk factor patterns. Each cause transformed to a scale of 0–100, with 0 as the first percentile (worst) observed between 1990 and 2016, and 100 as the 99th percentile (best); these thresholds were set at the country level, and then applied to subnational locations. The rest of the HAQ Index methodology is described in detail elsewhere.⁹

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Figure S1. Global population change by age group for both sexes combined (top panel), population percentage change during the same period (upper middle panel), rate of change in years lived with disability (YLDs; lower middle panel), and rate of change in All-cause mortality (bottom panel) between 1990 and 2019 in Low Socio-demographic Index (SDI) regions.

Supplementary Figure 1. Population, YLDs, and all-cause mortality transition by age group in Low SDI, 1990–2019

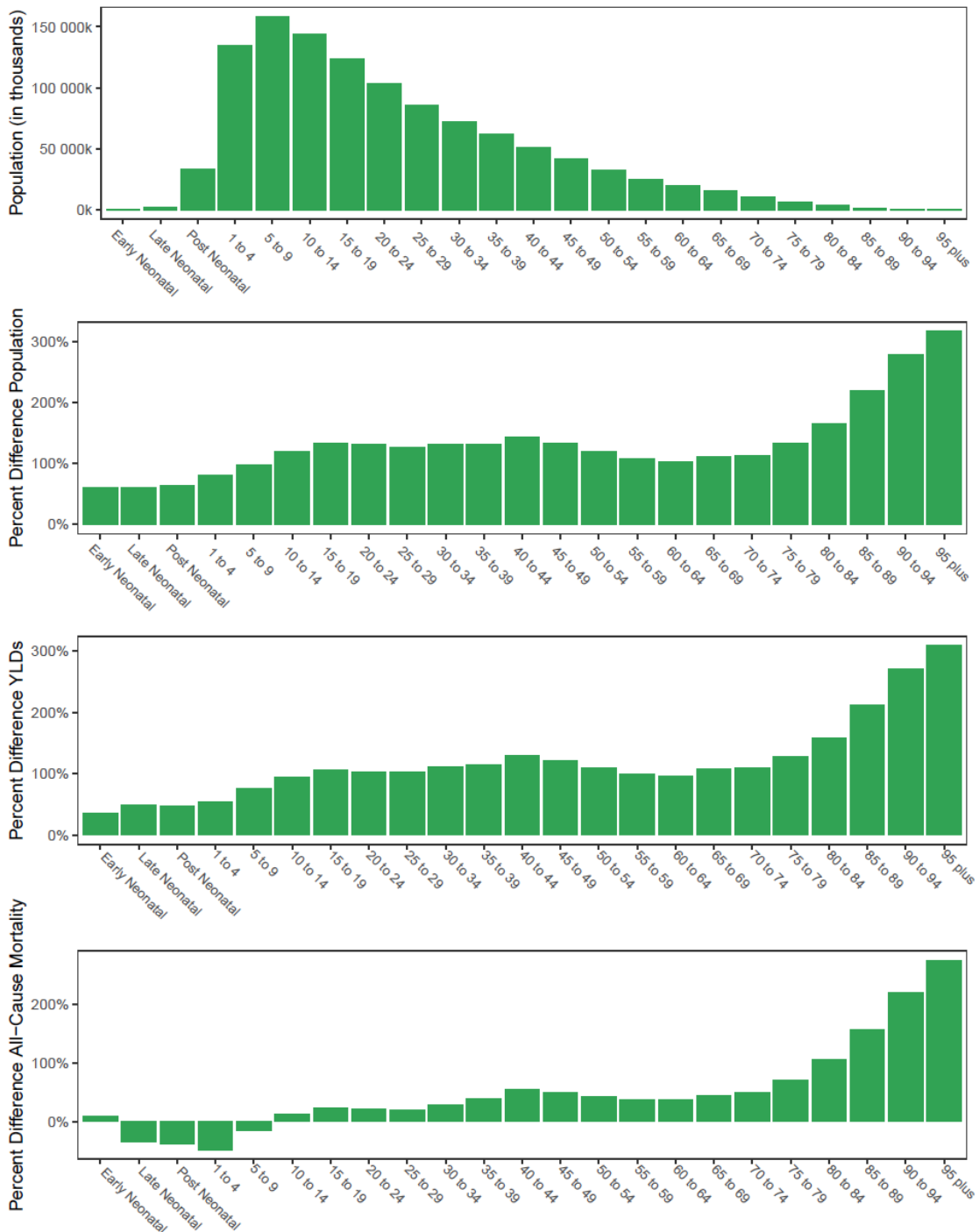


Figure S2. Global population change by age group for both sexes combined (top panel), population percentage change during the same period (upper middle panel), rate of change in years lived with disability (YLDs; lower middle panel), and rate of change in All-cause mortality (bottom panel) between 1990 and 2019 in Low-middle Socio-demographic Index (SDI) regions.

Supplementary Figure 2. Population, YLDs, and all-cause mortality transition by age group in Low-middle SDI, 1990–2019

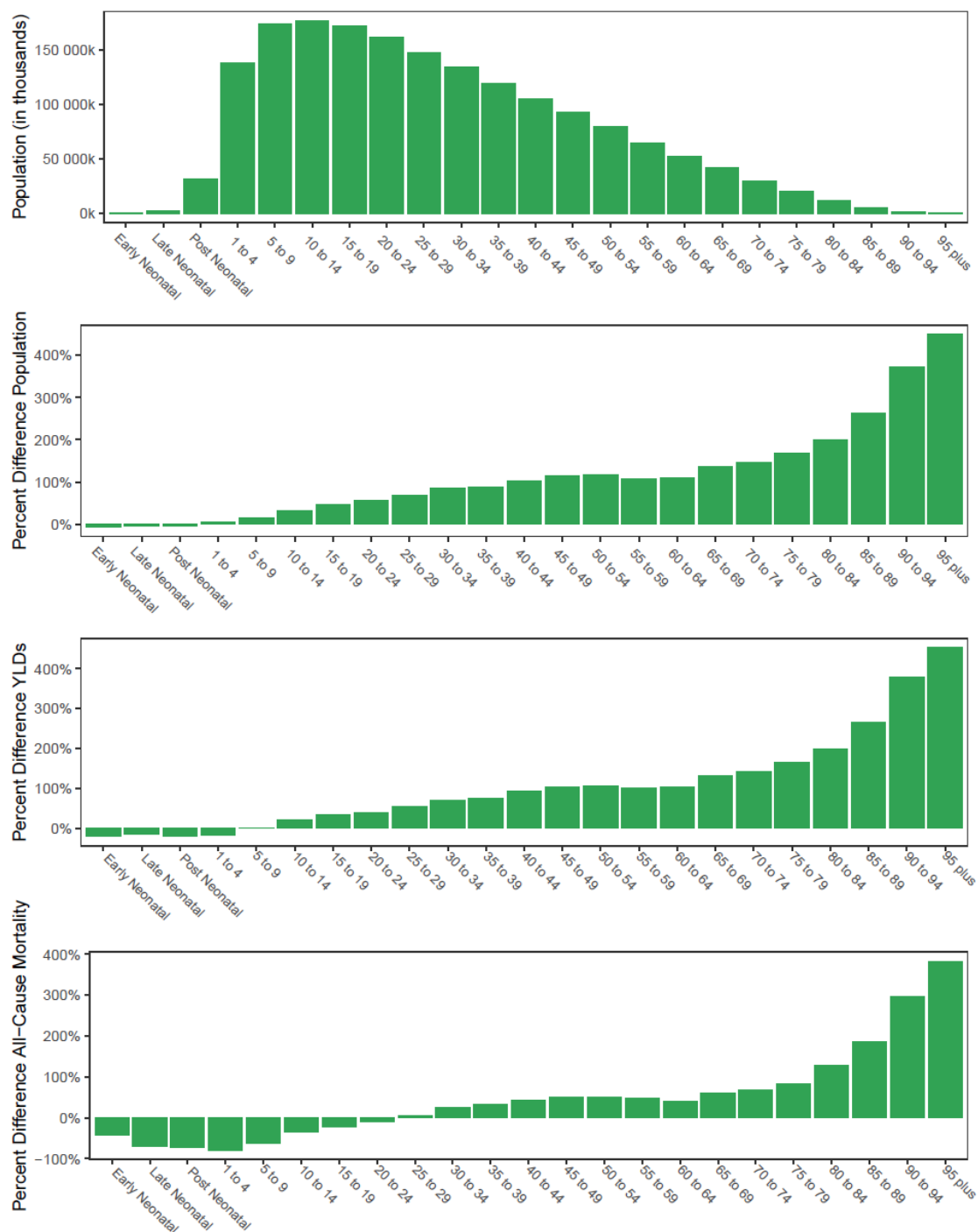


Figure S3. Global population change by age group for both sexes combined (top panel), population percentage change during the same period (upper middle panel), rate of change in years lived with disability (YLDs; lowermiddle panel), and rate of change in All-cause mortality (bottom panel) between 1990 and 2019 in Middle Socio-demographic Index (SDI) regions.

Supplementary Figure 3. Population, YLDs, and all-cause mortality transition by age group in Middle SDI, 1990–2019

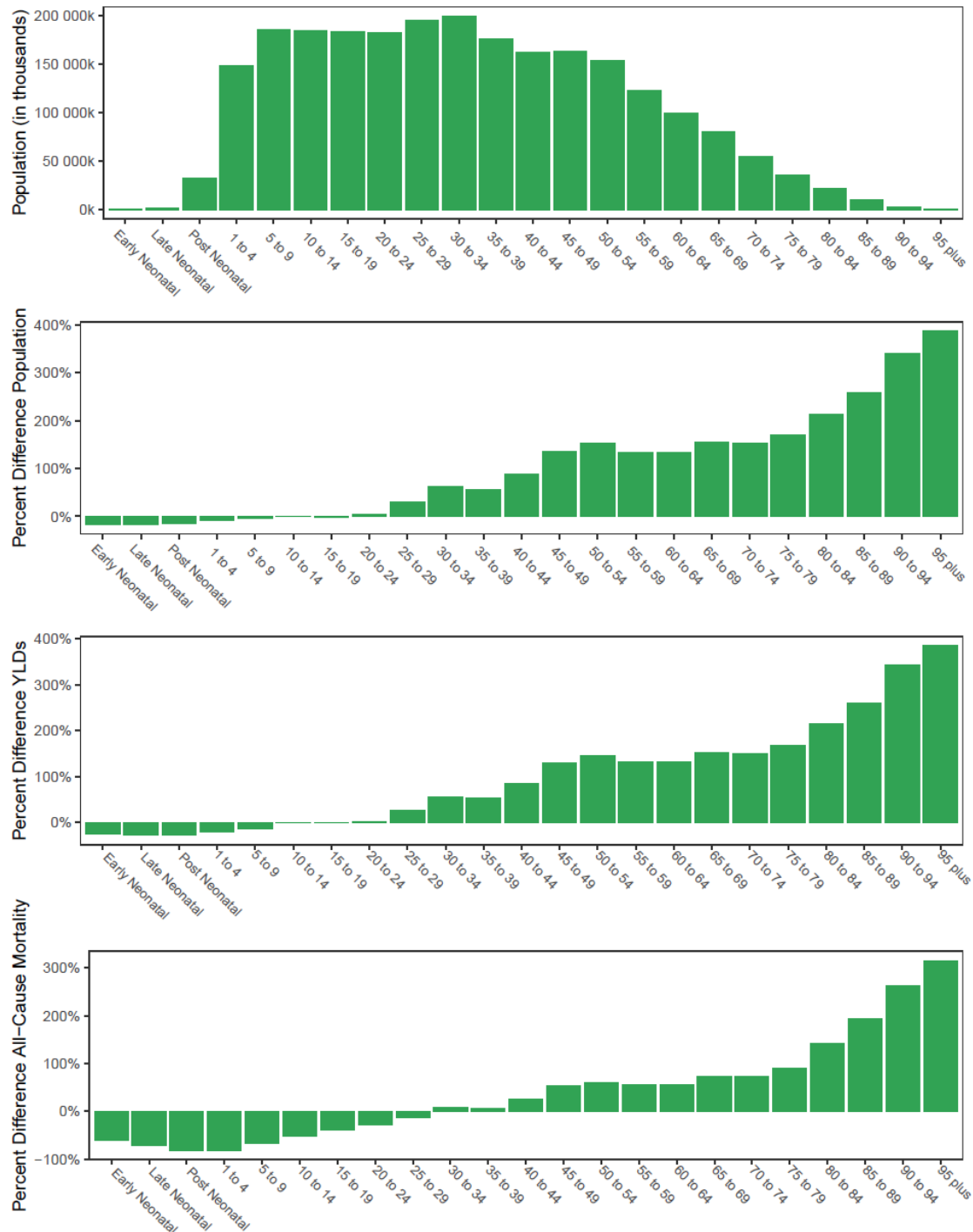


Figure S4. Global population change by age group for both sexes combined (top panel), population percentage change during the same period (upper middle panel), rate of change in years lived with disability (YLDs; lower middle panel), and rate of change in All-cause mortality (bottom panel) between 1990 and 2019 in High-middle Socio-demographic Index (SDI) regions.

Supplementary Figure 4. Population, YLDs, and all-cause mortality transition by age group in High-middle SDI, 1990–2019

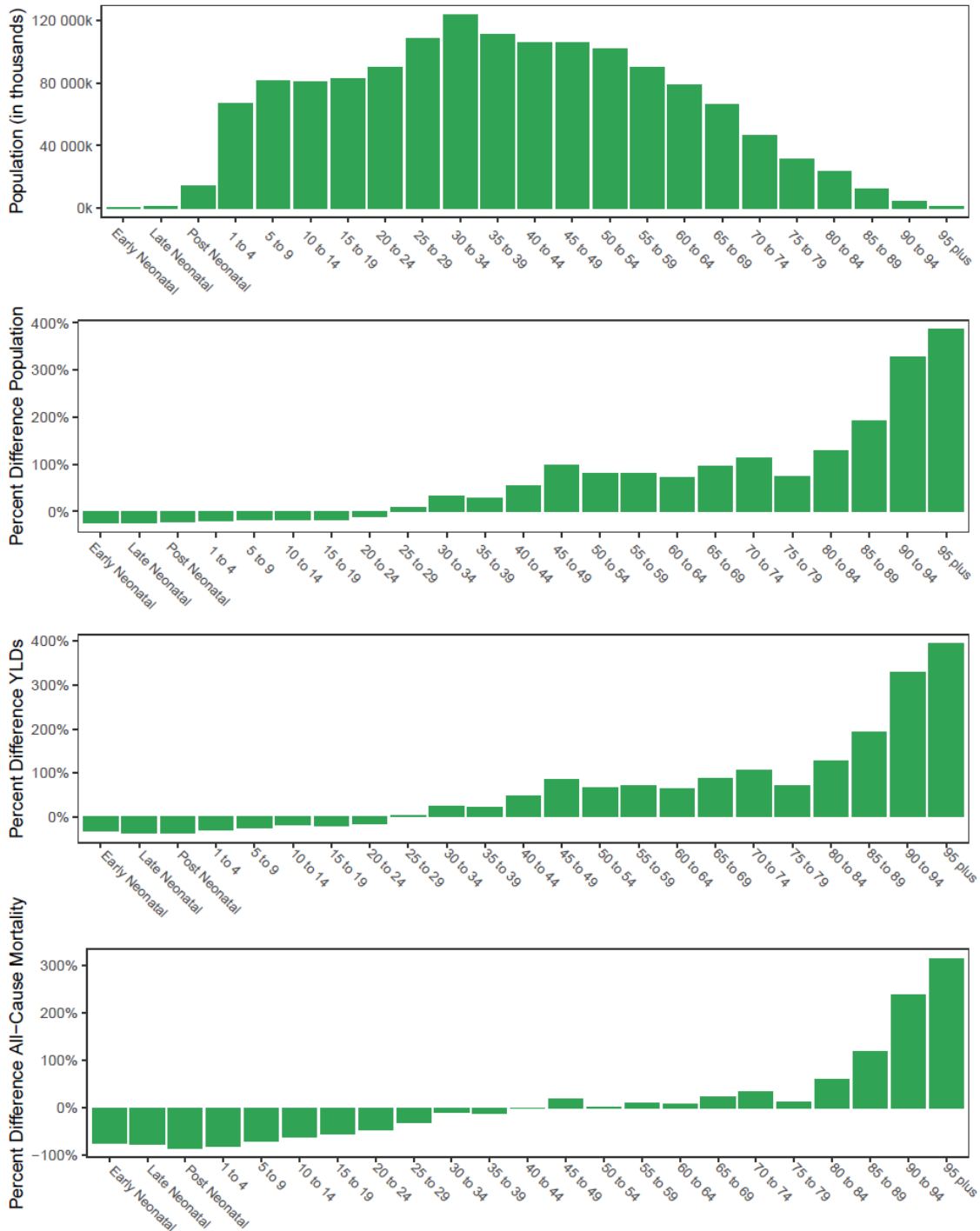


Figure S5. Global population change by age group for both sexes combined (top panel), population percentage change during the same period (upper middle panel), rate of change in years lived with disability (YLDs; lower middle panel), and rate of change in All-cause mortality (bottom panel) between 1990 and 2019 in High Socio-demographic Index (SDI) regions.

Supplementary Figure 5. Population, YLDs, and all-cause mortality transition by age group in High SDI, 1990–2019

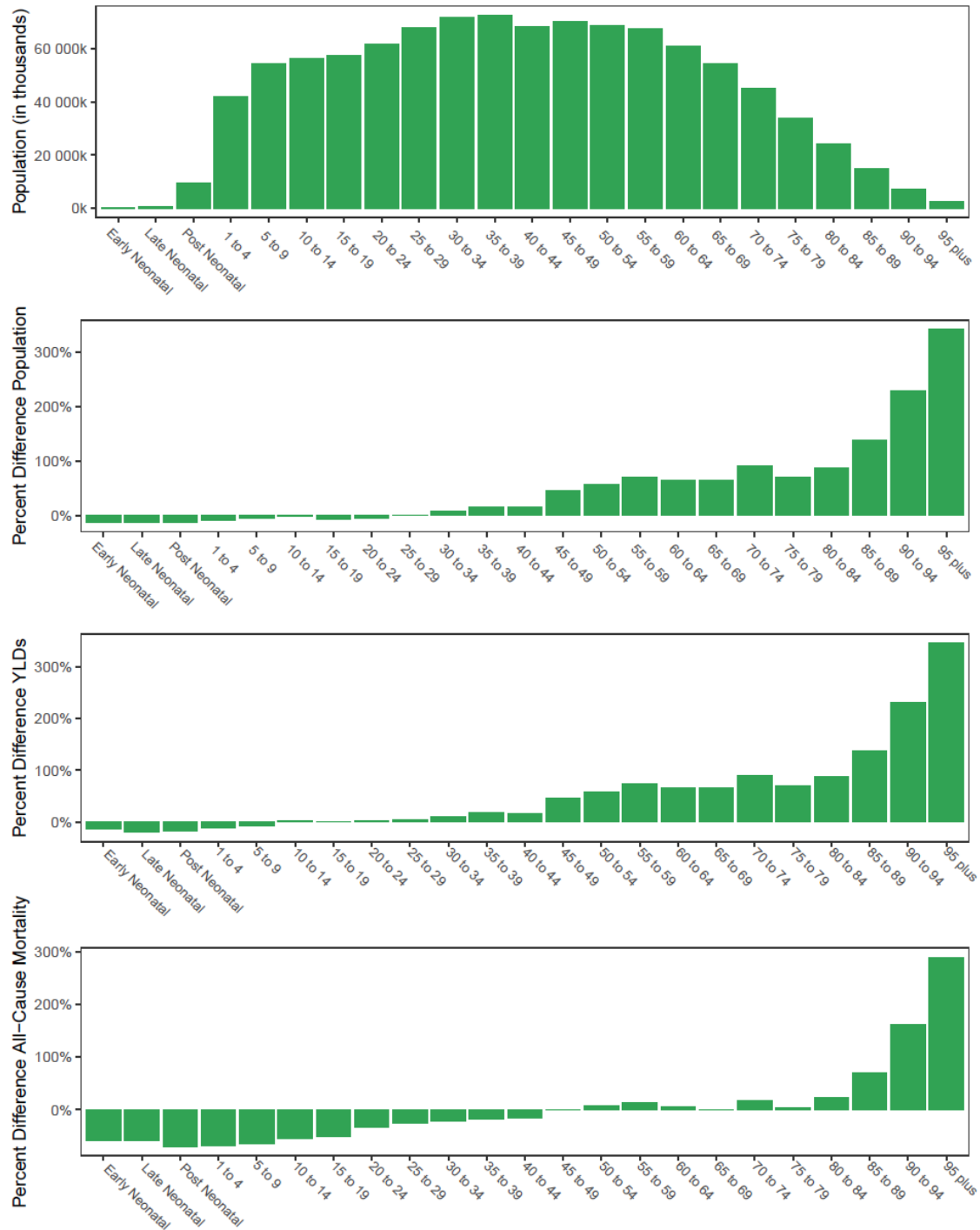


Figure S6. Global population change by age group for both sexes combined (top panel), population percentage change during the same period (upper middle panel), rate of change in years lived with disability (YLDs; lower middle panel), and rate of change in All-cause mortality (bottom panel) between 1990 and 2019 in the Central Europe, Eastern Europe and Central Asia GBD super-region.

Supplementary Figure 6. Population, YLDs, and all-cause mortality transition by age group in Central Europe, Eastern Europe, and Central Asia, 1990–2019

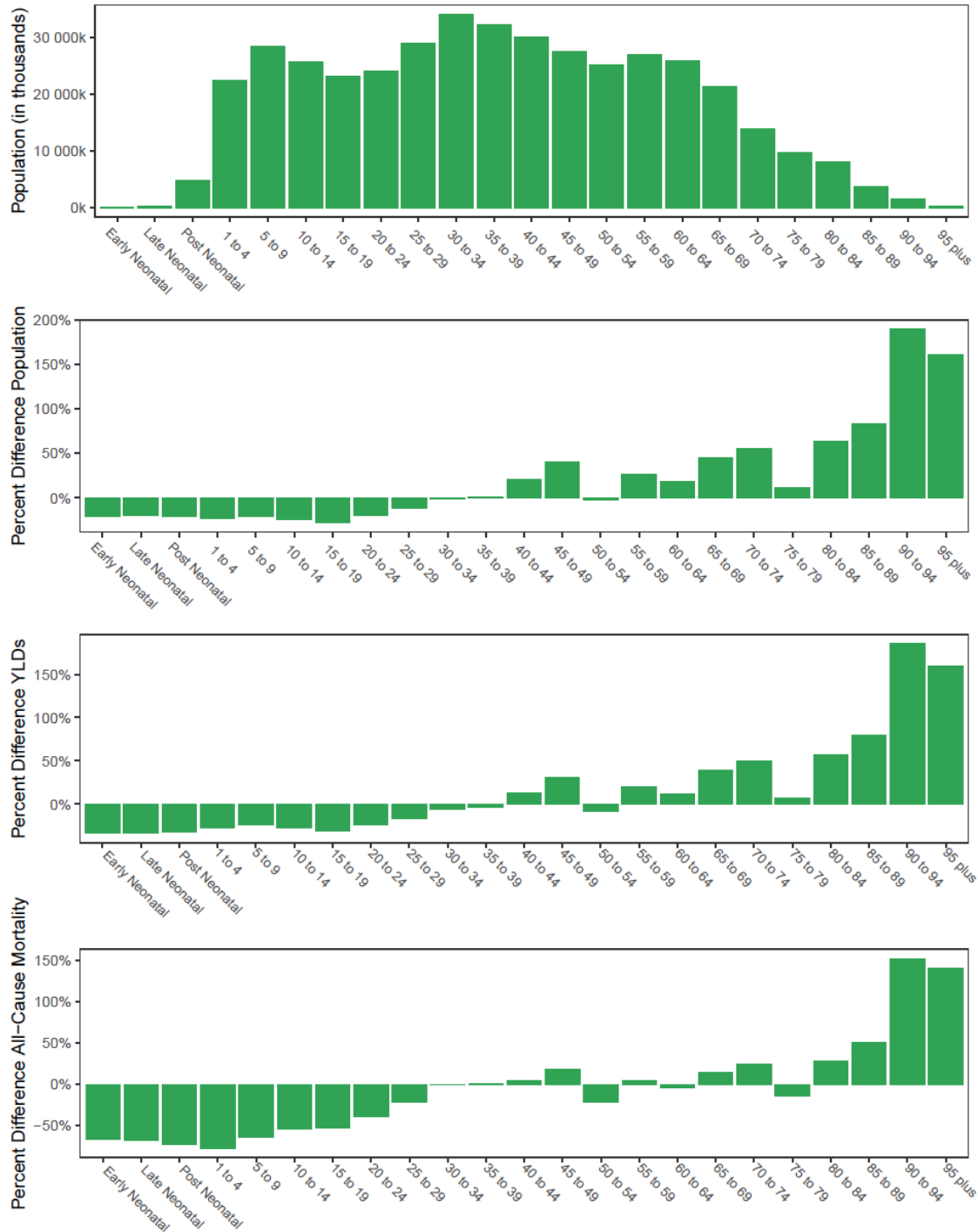


Figure S7. Global population change by age group for both sexes combined (top panel), population percentage change during the same period (upper middle panel), rate of change in years lived with disability (YLDs; lower middle panel), and rate of change in All-cause mortality (bottom panel) between 1990 and 2019 in the High- income GBD super-region.

Supplementary Figure 7. Population, YLDs, and all-cause mortality transition by age group in High-income, 1990-2019

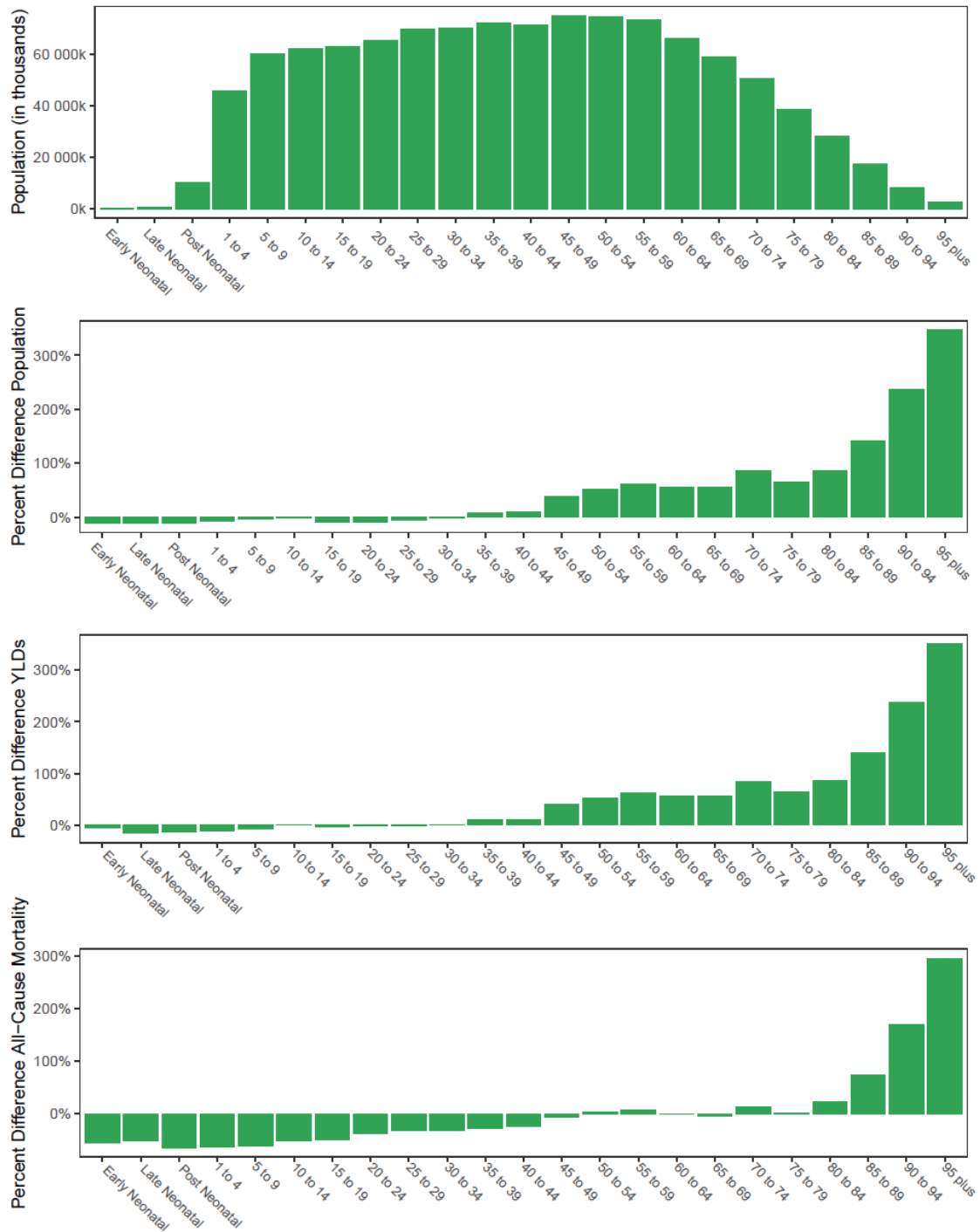


Figure S8. Global population change by age group for both sexes combined (top panel), population percentage change during the same period (upper middle panel), rate of change in years lived with disability (YLDs; lower middle panel), and rate of change in All-cause mortality (bottom panel) between 1990 and 2019 in the Latin America and Caribbean GBD super-region.

Supplementary Figure 8. Population, YLDs, and all-cause mortality transition by age group in Latin America and Caribbean, 1990–2019

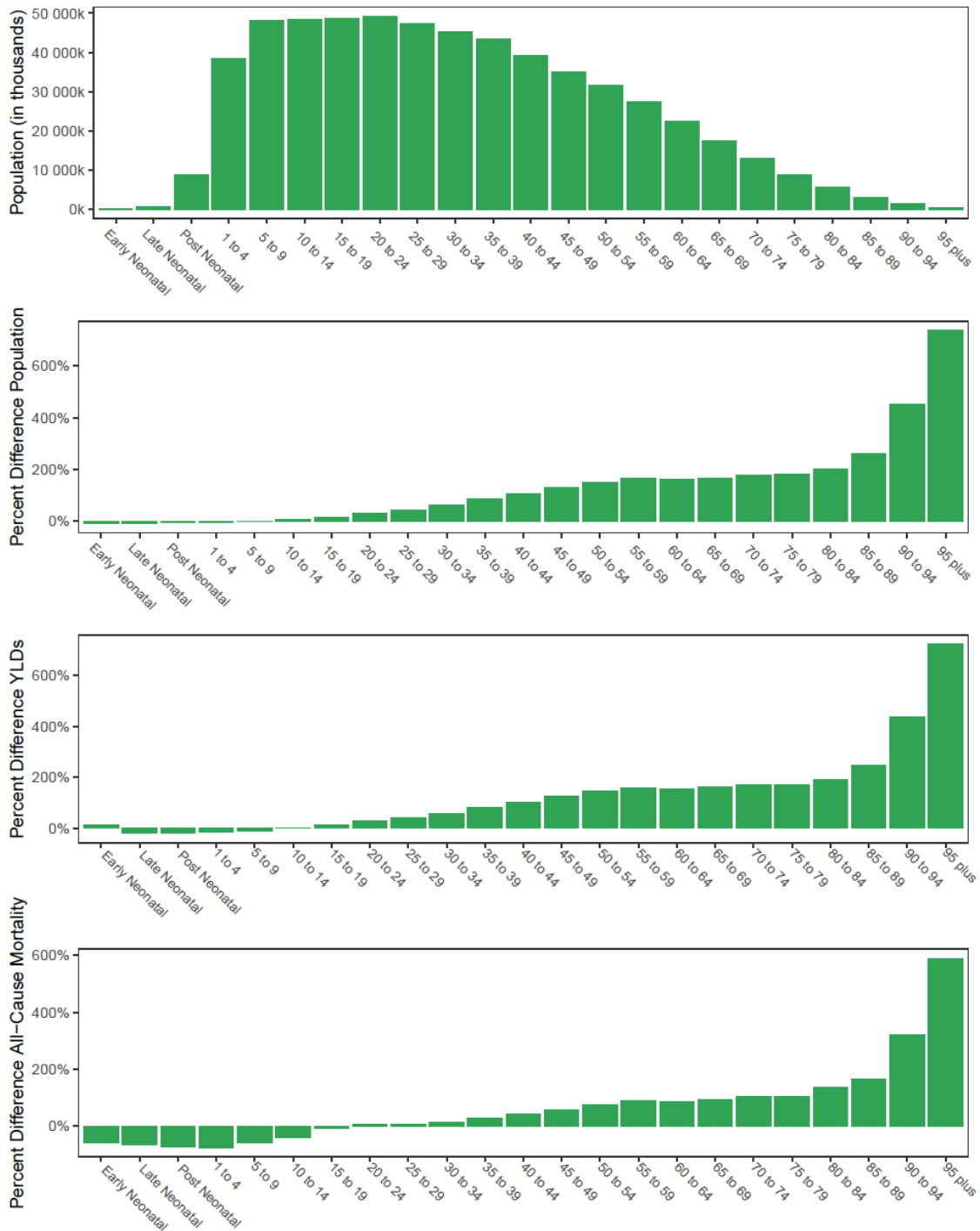


Figure S9. Global population change by age group for both sexes combined (top panel), population percentage change during the same period (upper middle panel), rate of change in years lived with disability (YLDs; lower middle panel), and rate of change in All-cause mortality (bottom panel) between 1990 and 2019 in the North Africa and Middle East super-region.

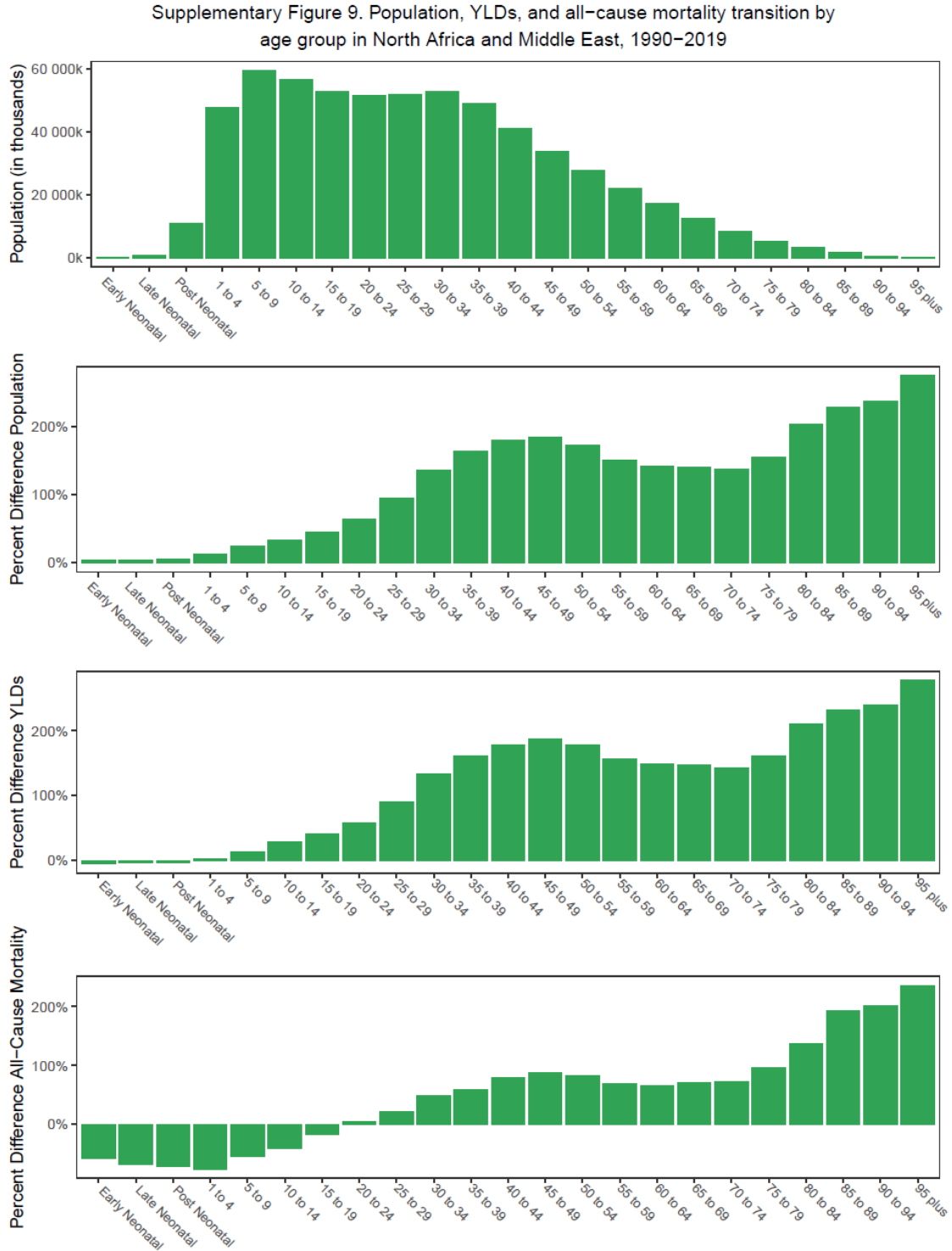


Figure S10. Global population change by age group for both sexes combined (top panel), population percentage change during the same period (upper middle panel), rate of change in years lived with disability (YLDs; lower middle panel), and rate of change in All-cause mortality (bottom panel) between 1990 and 2019 in the South Asia GBD super-region.

Supplementary Figure 10. Population, YLDs, and all-cause mortality transition by age group in South Asia, 1990–2019

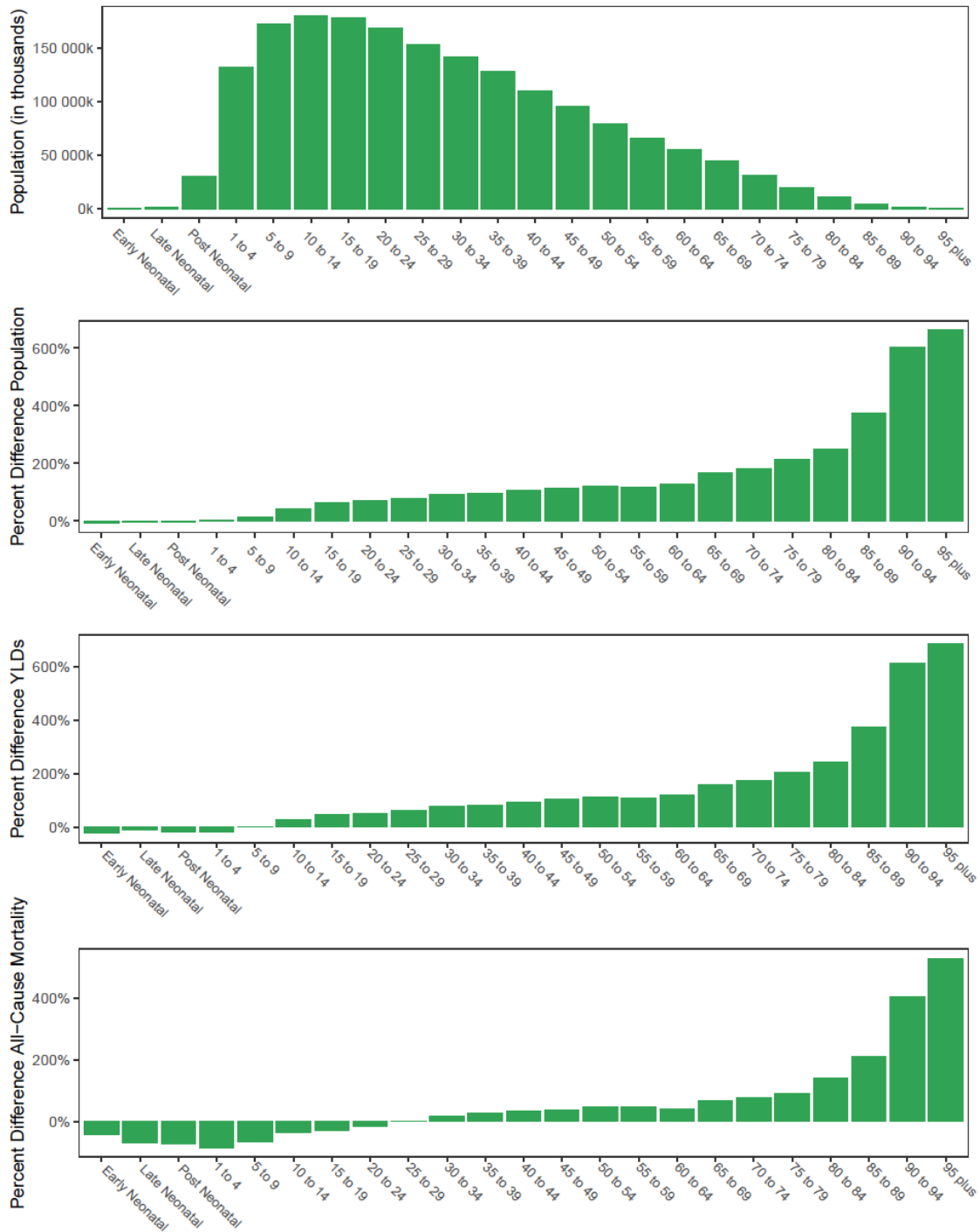


Figure S11. Global population change by age group for both sexes combined (top panel), population percentage change during the same period (upper middle panel), rate of change in years lived with disability (YLDs; lower middle panel), and rate of change in All-cause mortality (bottom panel) between 1990 and 2019 in the Southeast Asia, East Asia and Oceania GBD super-region.

Supplementary Figure 11. Population, YLDs, and all-cause mortality transition by age group in Southeast Asia, East Asia, and Oceania, 1990–2019

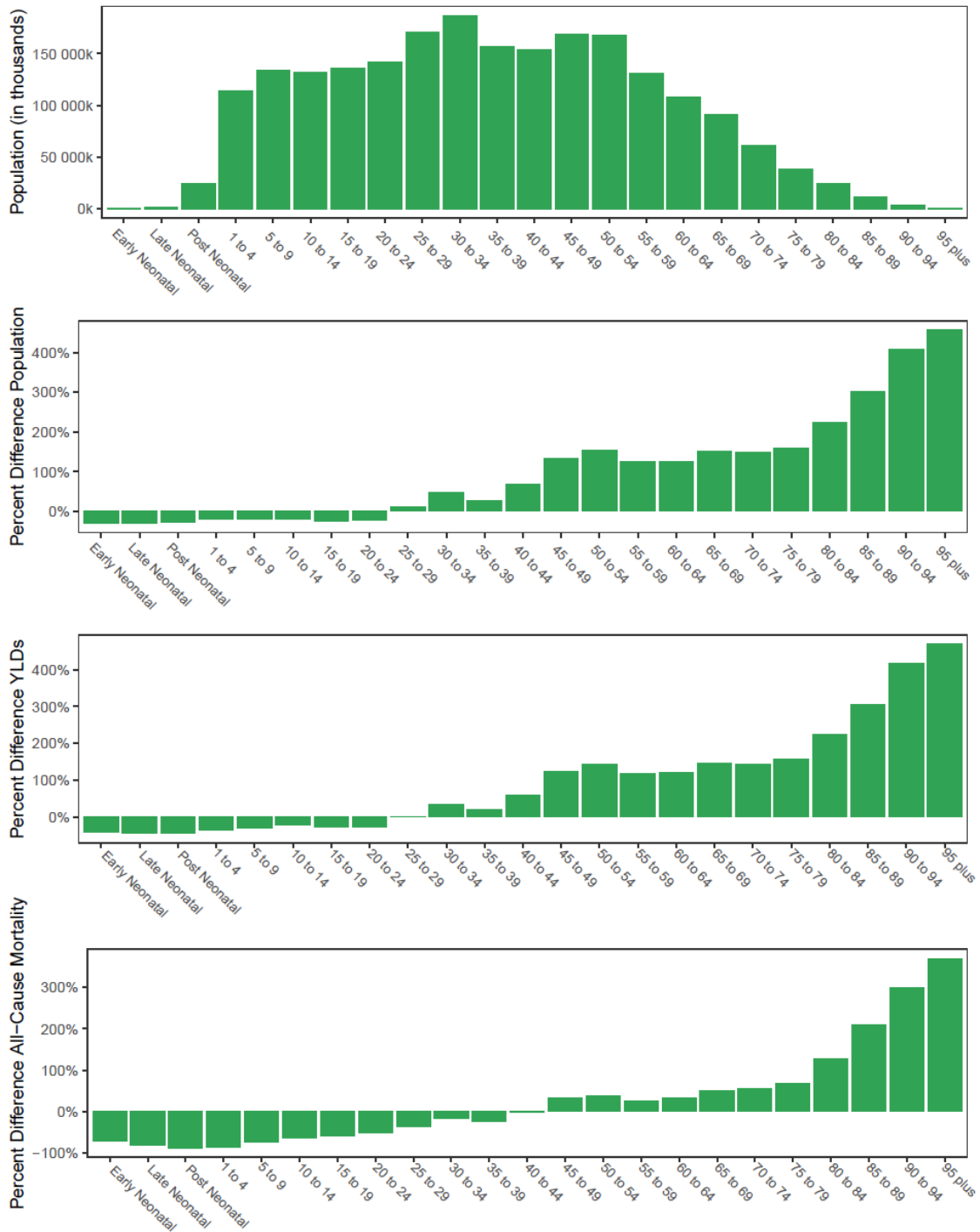


Figure S12. Global population change by age group for both sexes combined (top panel), population percentage change during the same period (upper middle panel), rate of change in years lived with disability (YLDs; lower middle panel), and rate of change in All-cause mortality (bottom panel) between 1990 and 2019 in the Sub-Saharan Africa GBD super-region

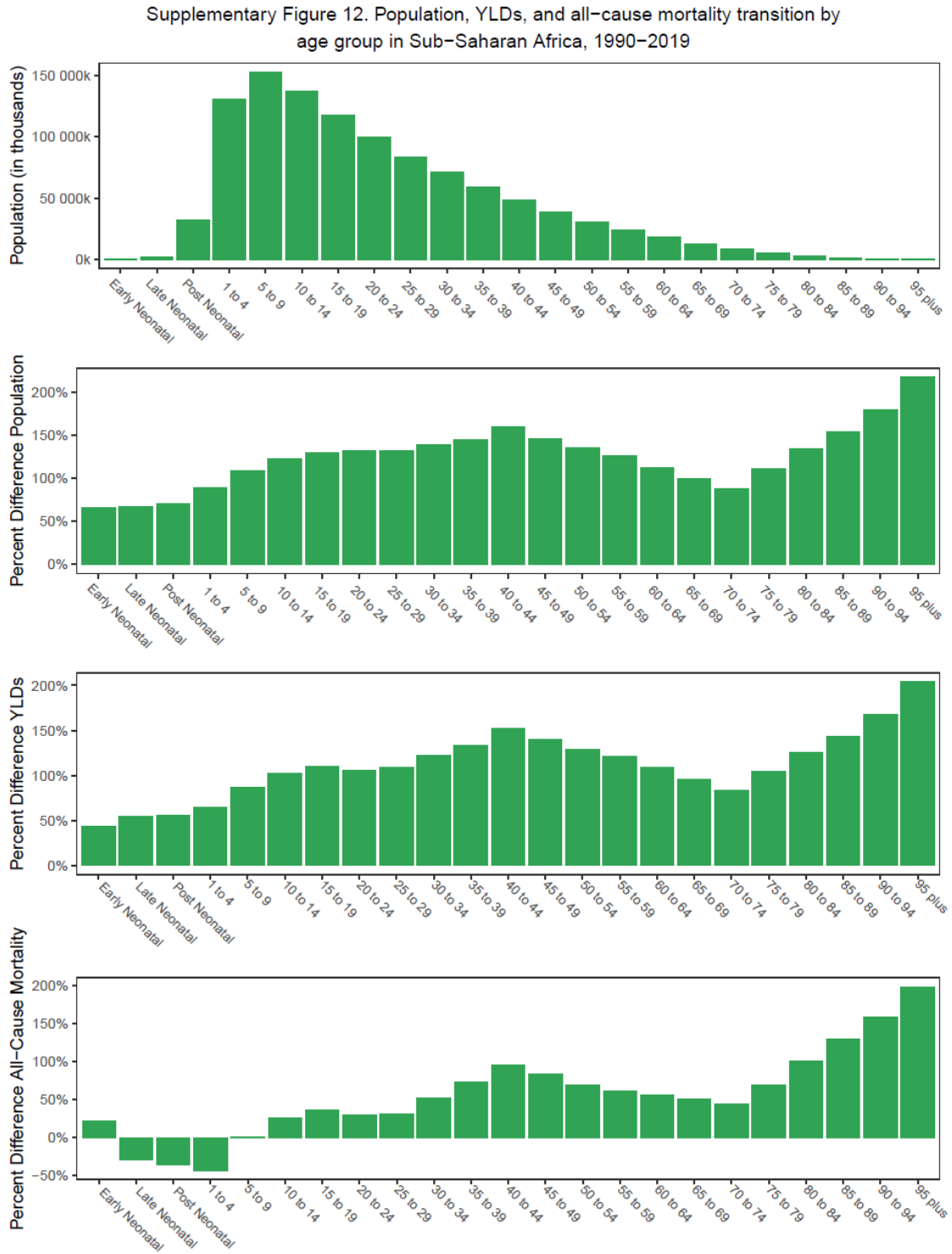


Figure S13. Life expectancy at 70+ (LE-70), healthy life expectancy at 70+ (HALE-70), and proportion of life- years spent in ill health (PYIH-70) at age 70+ GBD by super-region between 1990 and 2019, in males.

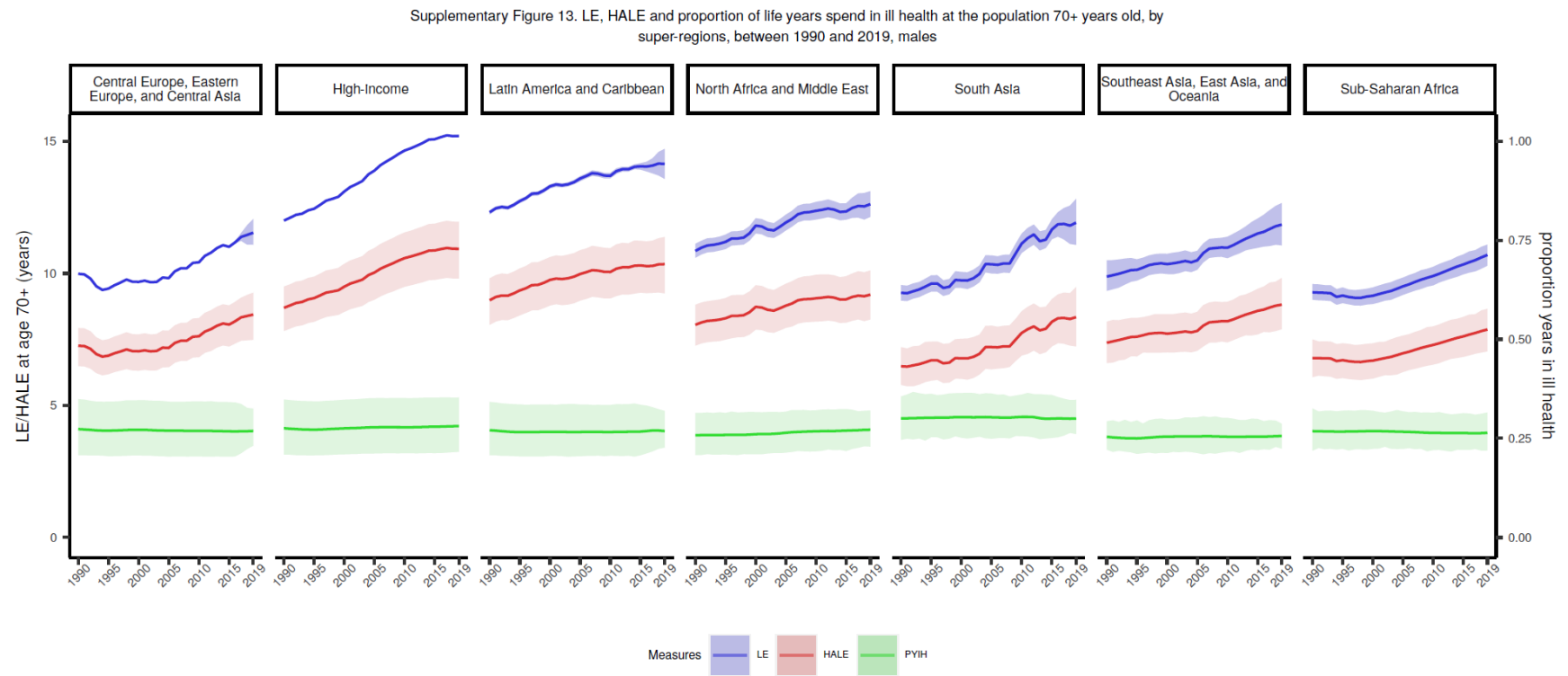


Figure S14. Life expectancy at 70+ (LE-70), healthy life expectancy at 70+ (HALE-70), and proportion of life- years spent in ill health (PYIH-70) at age 70+ GBD by super-region between 1990 and 2019, in females.

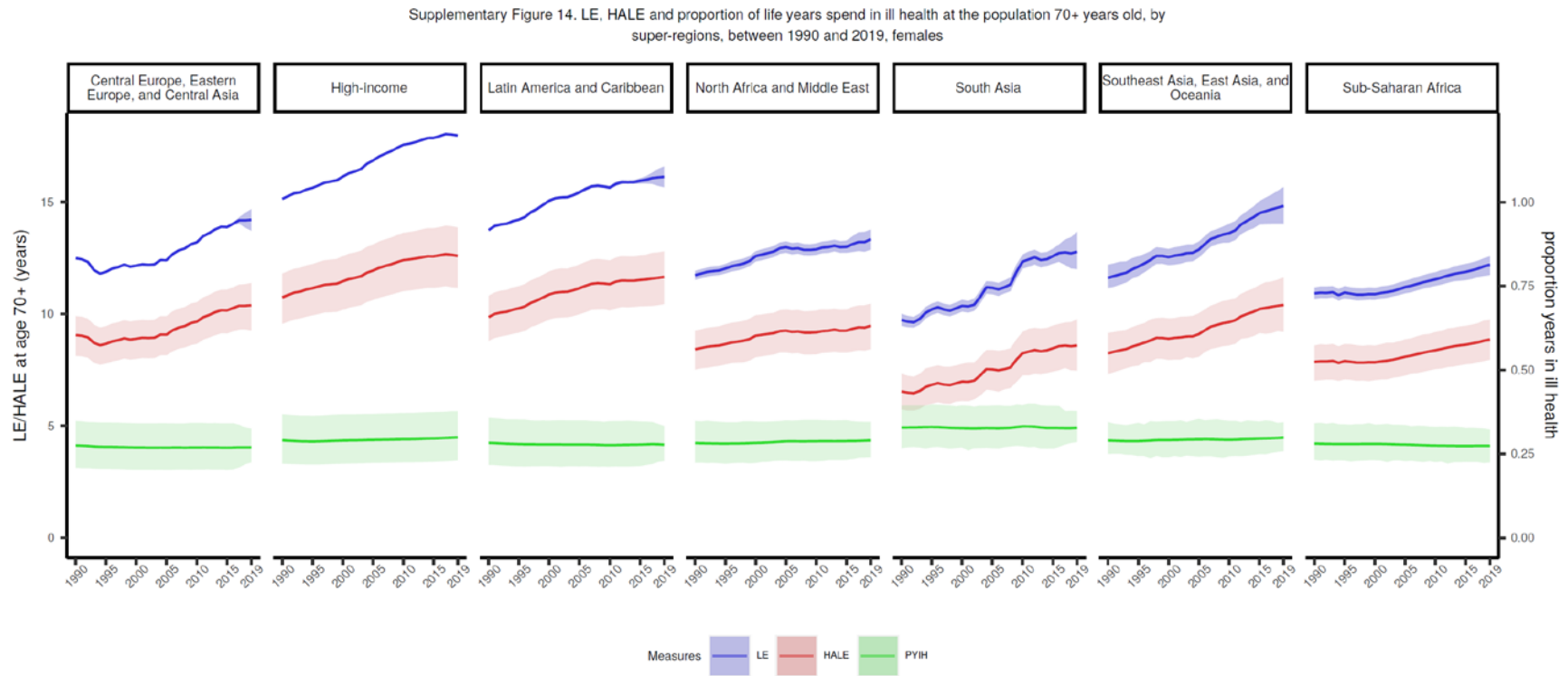


Figure S15. Life expectancy (LE-70), healthy life expectancy (HALE-70) and proportion of life-years spent in ill health at age 70+ (PYIH-70) versus Socio-demographic Index (SDI) and Healthcare Access and Quality (HAQ) Index in 2019, in males.

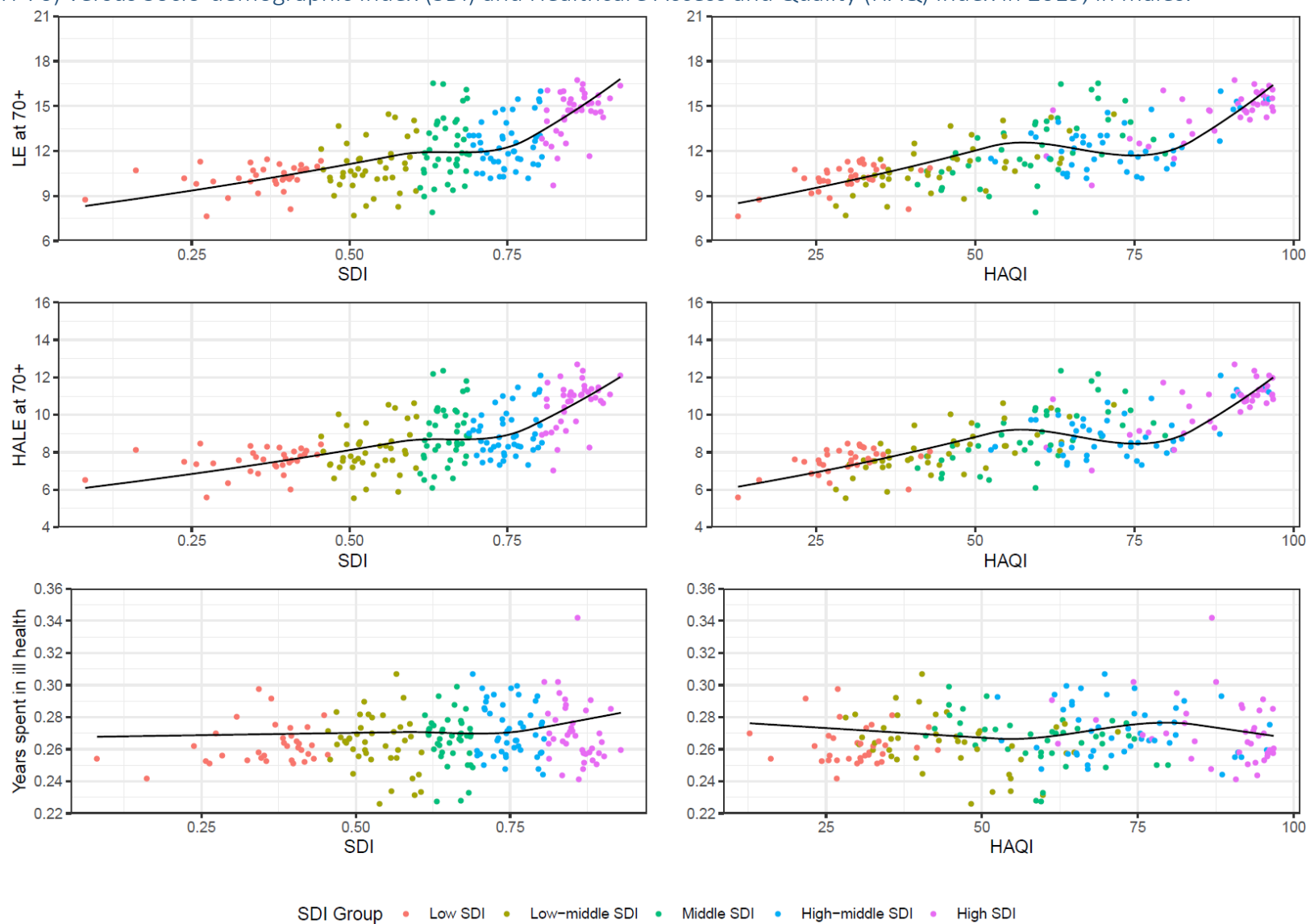


Figure S16. Life expectancy (LE-70), healthy life expectancy (HALE-70) and proportion of life-years spent in ill health at age 70+ (PYIH-70) versus Socio-demographic Index (SDI) and Healthcare Access and Quality (HAQ) Index in 2019, in females.

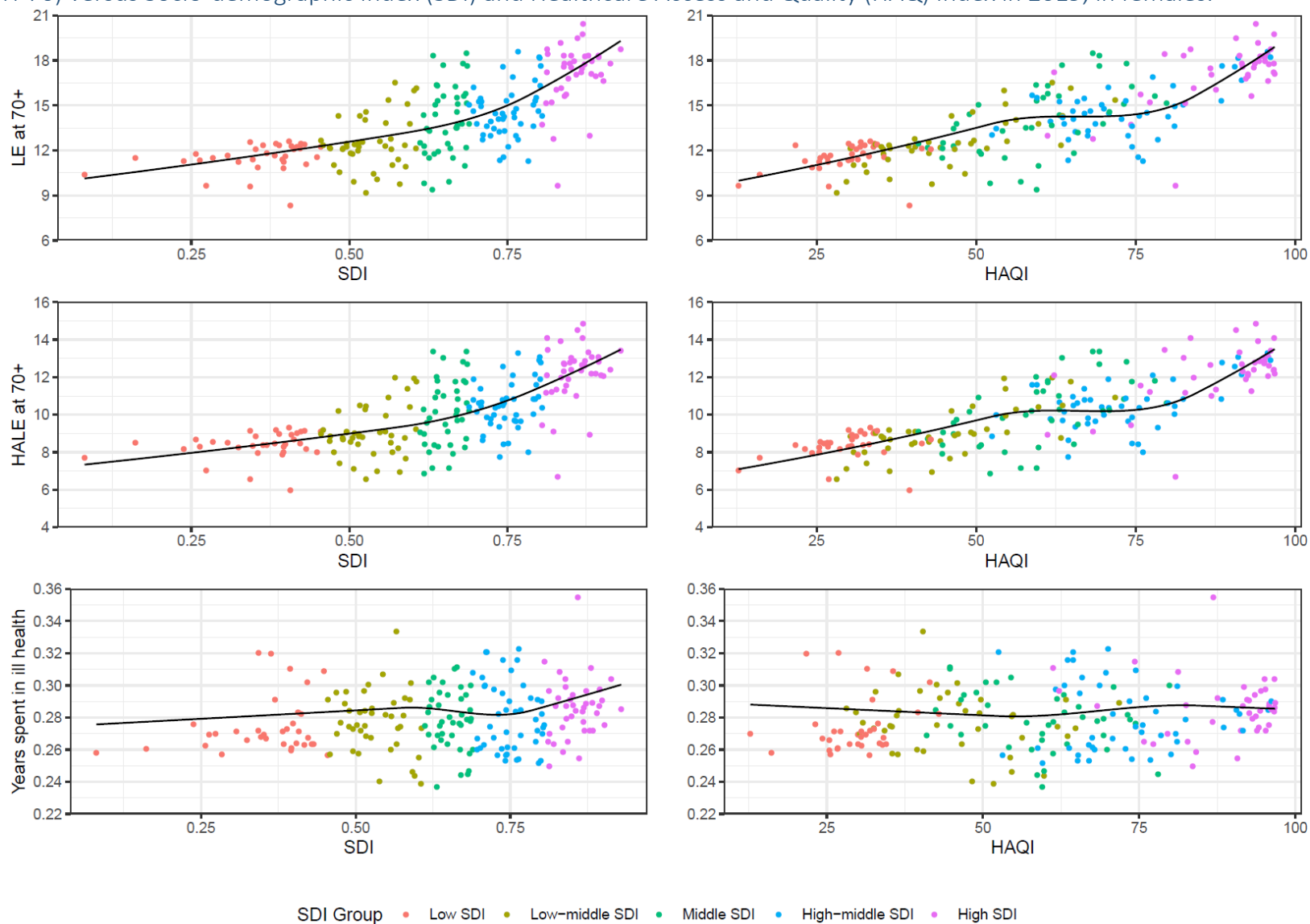
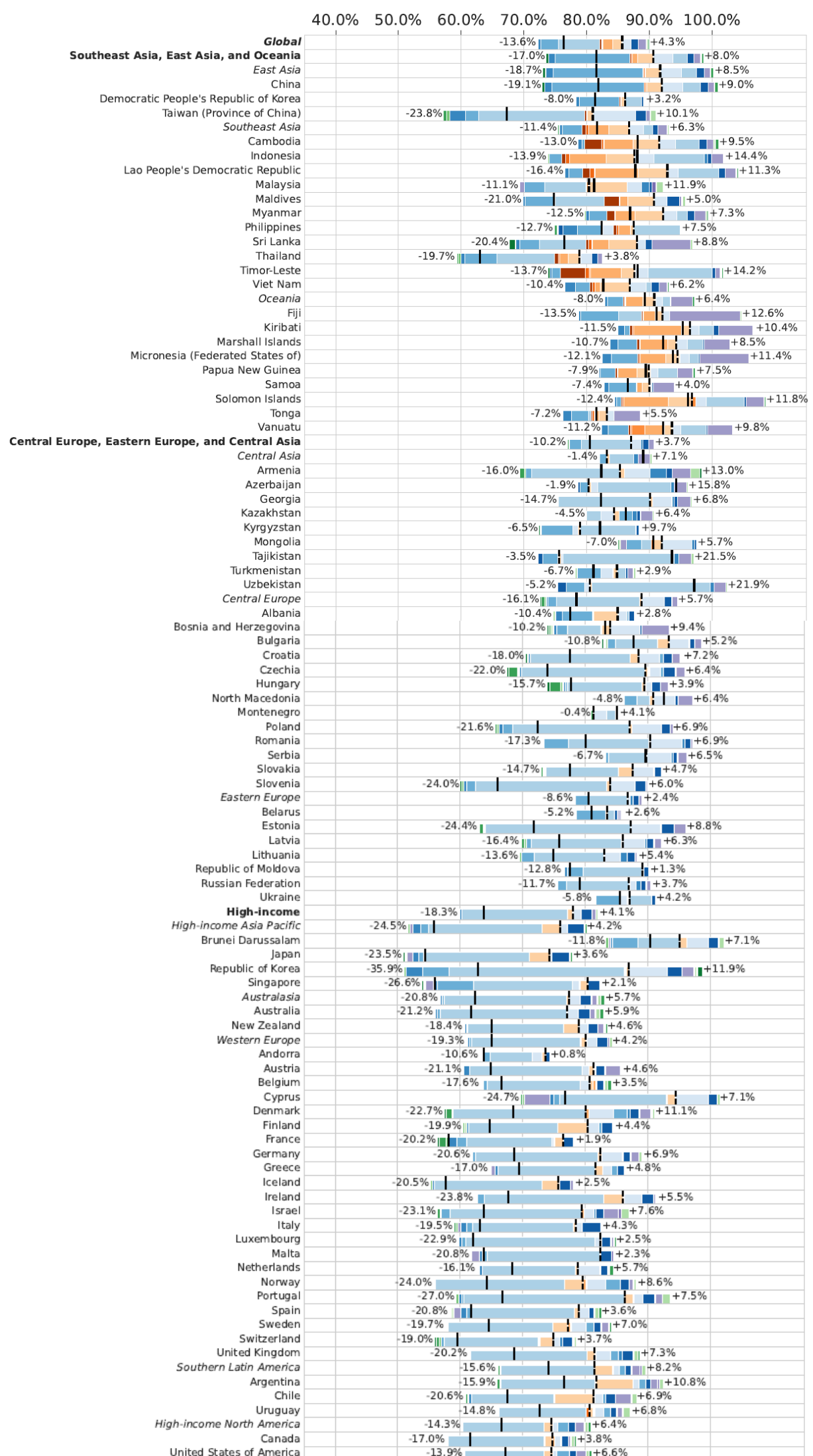
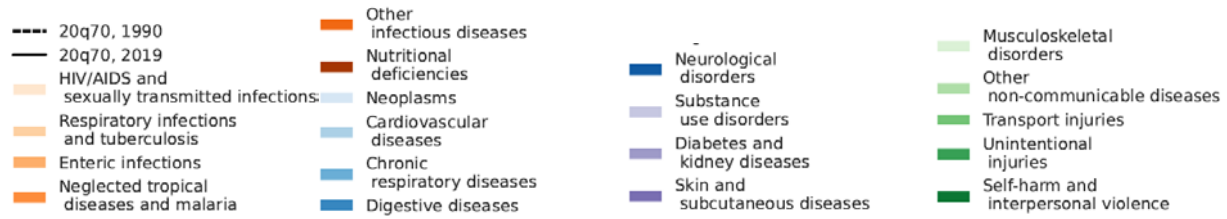


Figure S17. Decomposition of the probability of death, for all GBD locations, for the population aged 70 to 90 years old, from 1990 to 2019, in both sexes.

Both sexes refer to combined estimates for males and females. Probability of death between 70 and 90 years of age (denoted using standard demographer notation as $20q70$, the probability 'q' of death for a period of 20 years starting at age 70) is plotted globally and by Global Burden of Disease super-region and region for 1990 (dashed vertical line) and 2019 (solid vertical line). The relative contribution of that change due to different causes is indicated by different coloured bars. All causes to the right of the dashed line increased from 1990 to 2019 and all those to the left decreased over the same time period. As can be seen at the global level, the probability of death for those 70 to 90 years decreased mainly due to cardiovascular diseases, chronic respiratory diseases, respiratory infections and tuberculosis and enteric infections (-13.6% in aggregate), while probability of death increased owing to increases in neoplasms, neurological disorders, and diabetes and kidney diseases (+4.3% in aggregate). **COLOR LEGEND:**



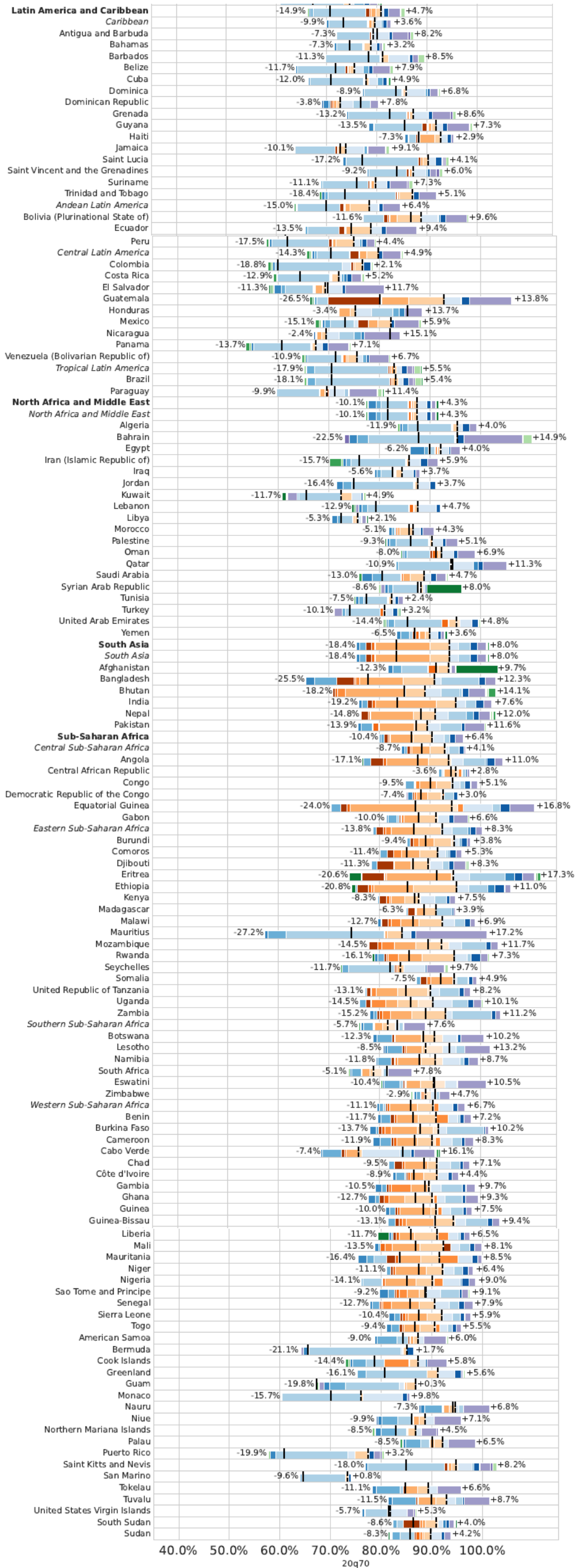
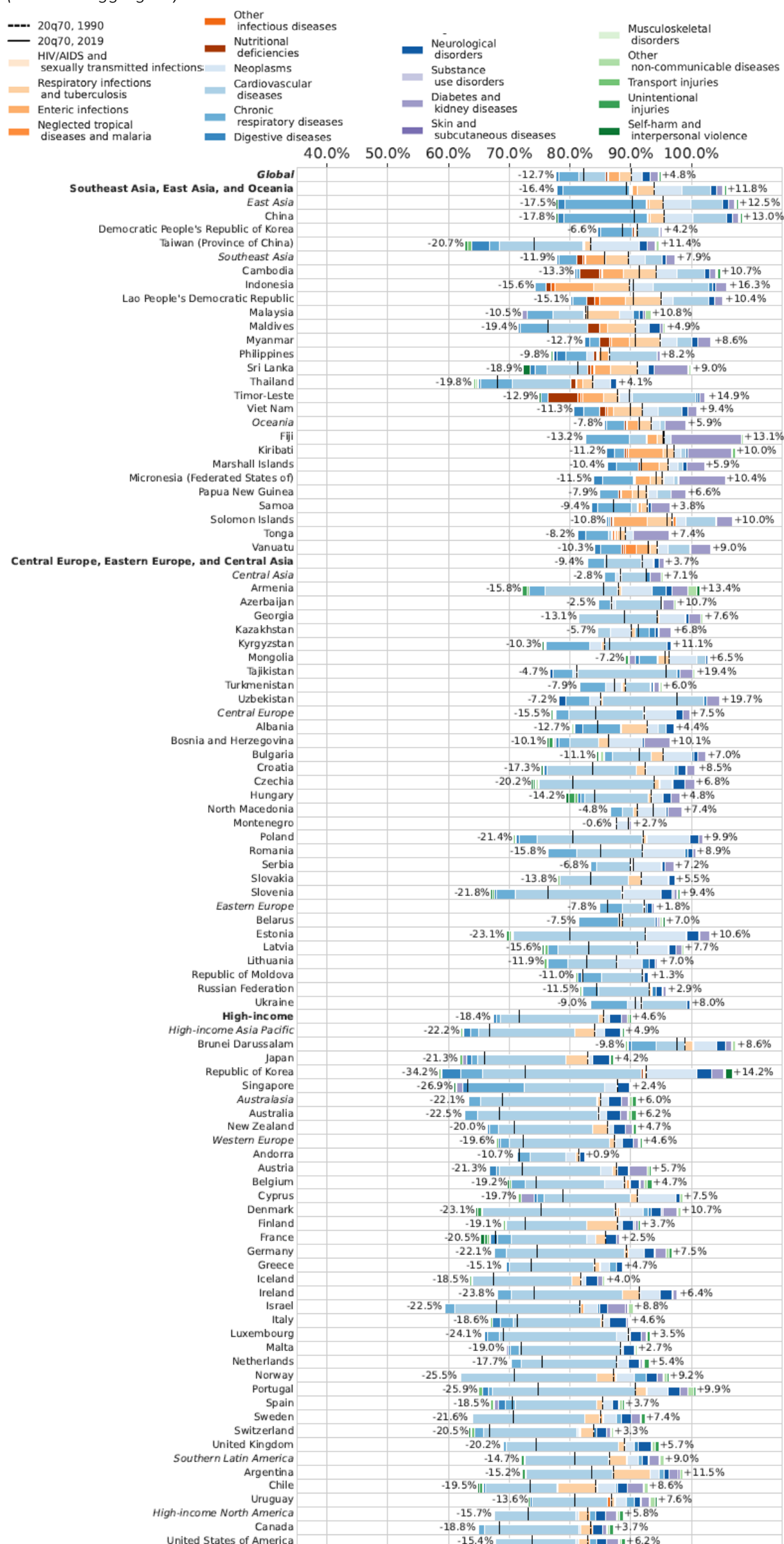


Figure S18. Decomposition of the probability of death, for all GBD locations, for the population aged 70 to 90 years old, from 1990 to 2019, in males
Probability of death between 70 and 90 years of age (denoted using standard demographer notation as $20q70$, the probability 'q' of death for a period of 20 years starting at age 70) is plotted globally and by Global Burden of Disease super-region and region for 1990 (dashed vertical line) and 2019 (solid vertical line). The relative contribution of that change due to different causes is indicated by different coloured bars. All causes to the right of the dashed line increased from 1990 to 2019 and all those to the left decreased over the same time period. As can be seen at the global level, the probability of death for the males 70 to 90 years decreased mainly due to cardiovascular diseases, chronic respiratory diseases, respiratory infections and tuberculosis and enteric infections (-12.7% in aggregate), while probability of death increased owing to increases in neoplasms, neurological disorders, and diabetes and kidney diseases (+4.8% in aggregate). **COLOR LEGEND:**



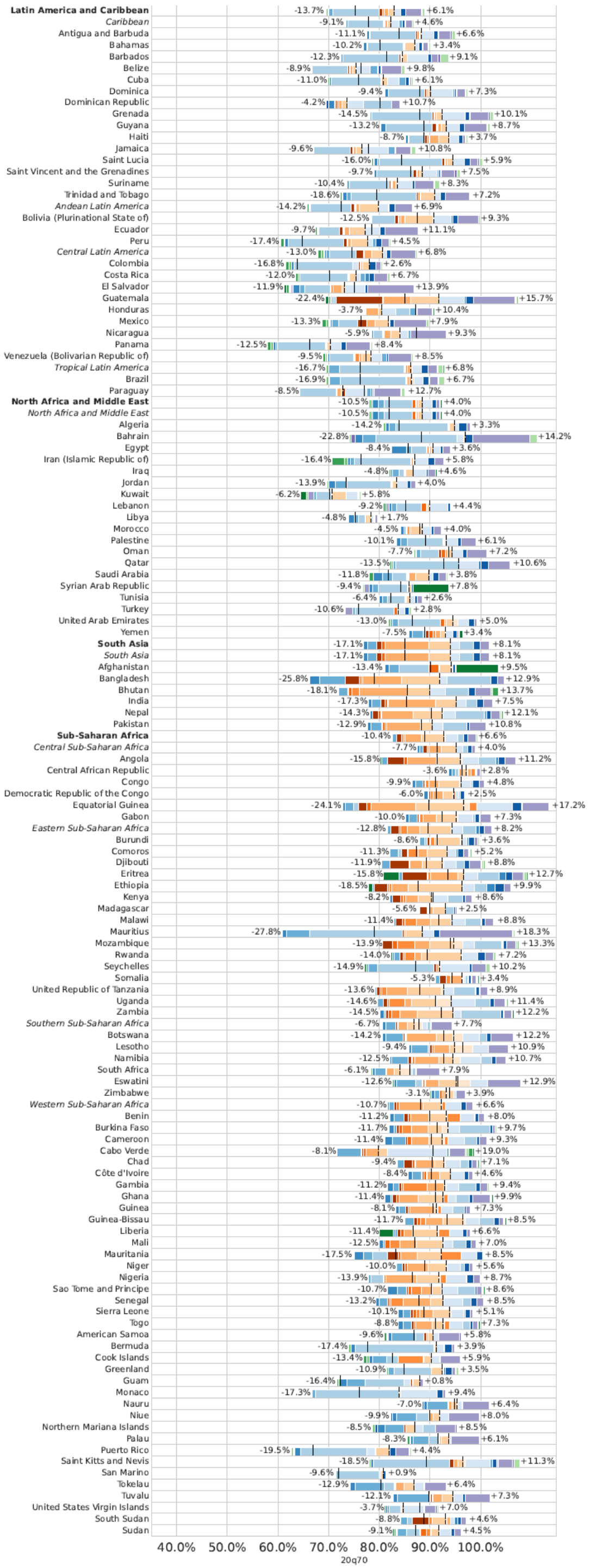
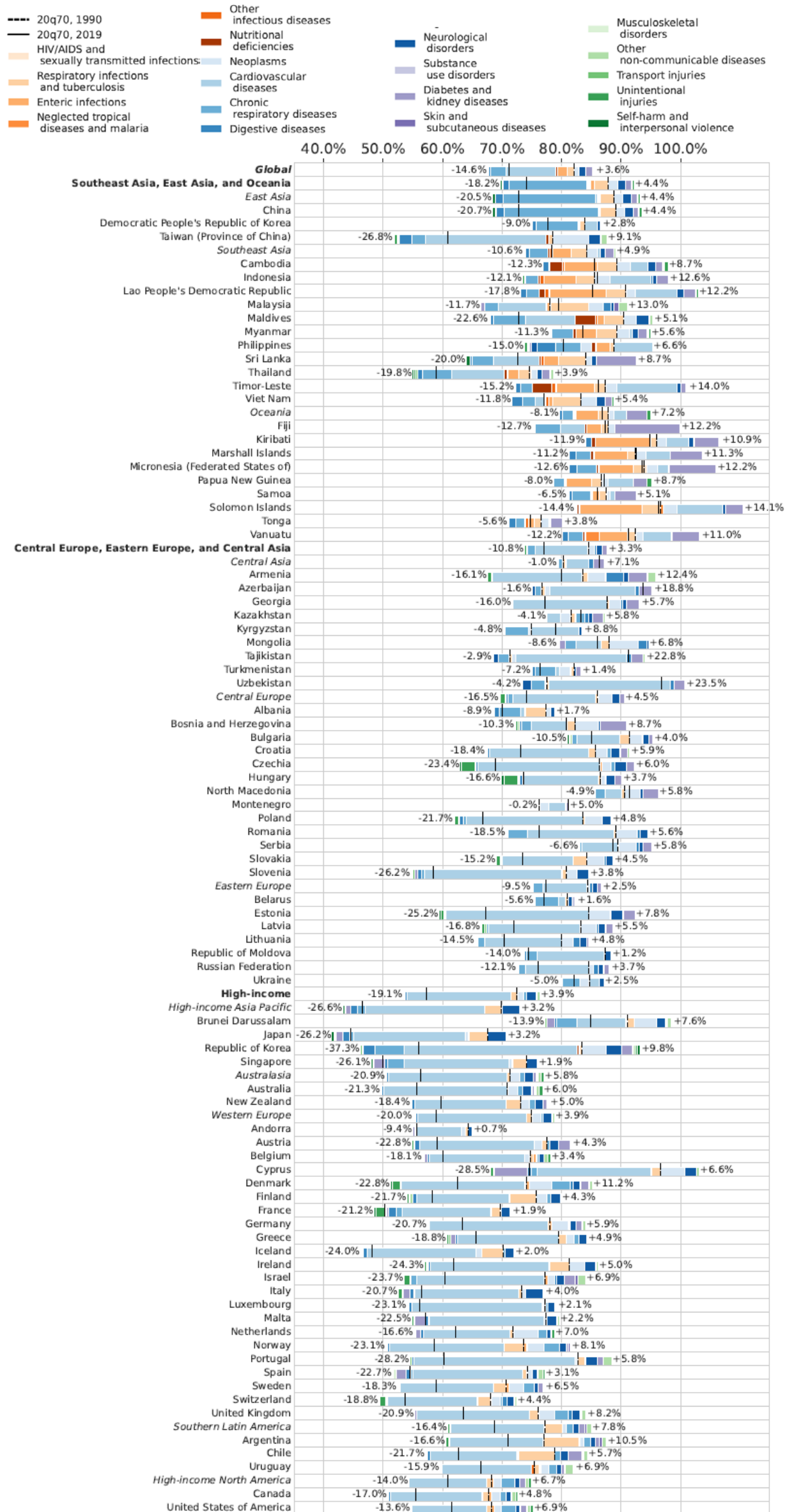
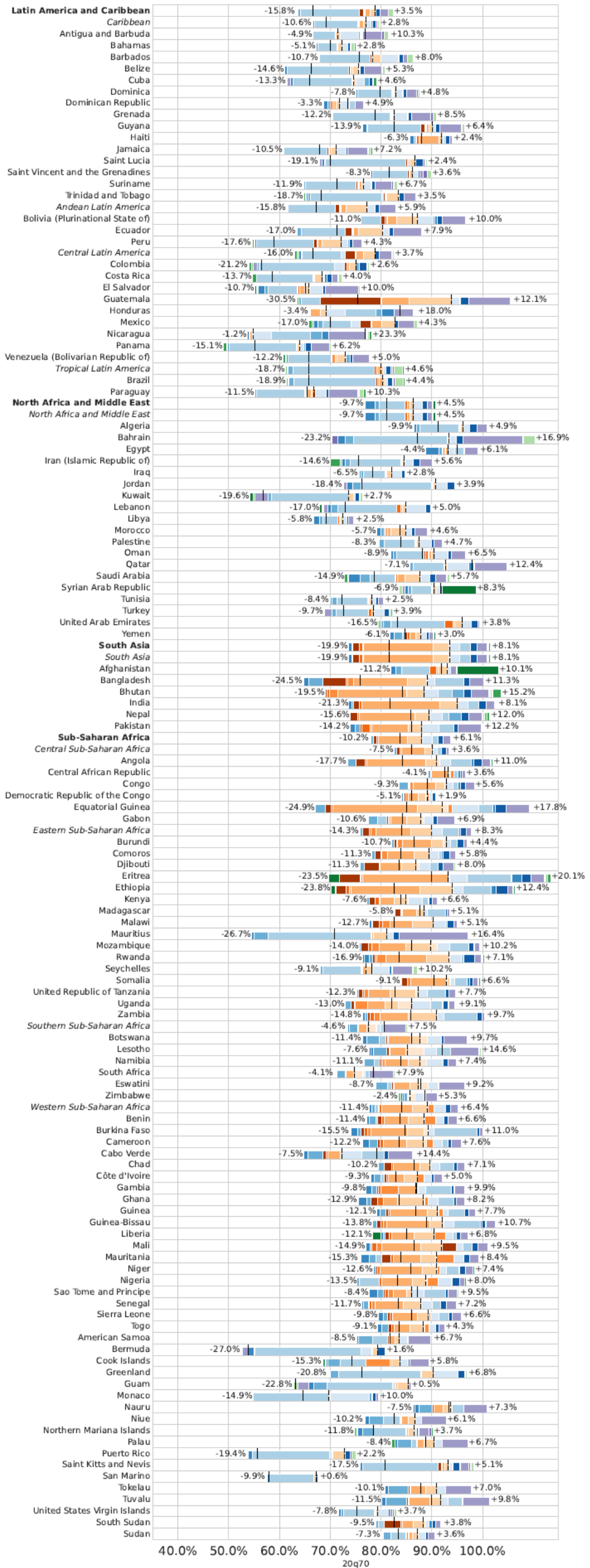


Figure S19. Decomposition of the probability of death, for all GBD locations, for the population aged 70 to 90 years old, from 1990 to 2019, in females.

Probability of death between 70 and 90 years of age (denoted using standard demographer notation as $20q70$, the probability 'q' of death for a period of 20 years starting at age 70) is plotted globally and by Global Burden of Disease super-region and region for 1990 (dashed vertical line) and 2019 (solid vertical line). The relative contribution of that change due to different causes is indicated by different coloured bars. All causes to the right of the dashed line increased from 1990 to 2019 and all those to the left decreased over the same time period. As can be seen at the global level, the probability of death for those 70 to 90 years decreased mainly due to cardiovascular diseases, chronic respiratory diseases, respiratory infections and tuberculosis and enteric infections (-14.6% in aggregate), while probability of death increased owing to increases in neoplasms, neurological disorders, and diabetes and kidney diseases (+3.6% in aggregate). **COLOR LEGEND:**





| | | | | | | | | | | |
|------------------------------------|------------------------|------------------------|--------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|
| Latin America and Caribbean | Total cancers | Ischemic heart disease | Stroke | COPD | Lower respiratory infect | Chronic kidney disease | Alzheimer's disease | Prostate cancer | Diabetes | Lung cancer |
| | 0.81 | 0.49 | 0.45 | 0.95 | 1.21 | 1.37 | 1.09 | 1.09 | 1.18 | 0.65 |
| Andean Latin America | Total cancers | Ischemic heart disease | Lower respiratory infect | Stroke | Chronic kidney disease | Prostate cancer | Alzheimer's disease | COPD | Stomach cancer | Cirrhosis |
| | 0.82 | 0.37 | 1.99 | 0.31 | 1.49 | 1.1 | 0.98 | 0.54 | 1.58 | 1.56 |
| Bolivia (Plurinational State of) | Total cancers | Ischemic heart disease | Lower respiratory infect | Stroke | Chronic kidney disease | Prostate cancer | COPD | Stomach cancer | Diabetes | Cirrhosis |
| | 1.33 | 0.62 | 2.15 | 0.54 | 2.15 | 1.79 | 0.96 | 2.75 | 1.16 | 1.94 |
| Ecuador | Total cancers | Ischemic heart disease | Chronic kidney disease | Stroke | Lower respiratory infect | Prostate cancer | COPD | Diabetes | Alzheimer's disease | Stomach cancer |
| | 0.87 | 0.44 | 2.17 | 0.36 | 1.49 | 1.18 | 0.81 | 1.1 | 1.03 | 1.73 |
| Peru | Total cancers | Ischemic heart disease | Lower respiratory infect | Alzheimer's disease | Stroke | Prostate cancer | Chronic kidney disease | Stomach cancer | Cirrhosis | Interstitial lung disease |
| | 0.7 | 0.3 | 2.15 | 0.94 | 0.24 | 0.94 | 1.06 | 1.26 | 1.37 | 12.57 |
| Caribbean | Total cancers | Ischemic heart disease | Stroke | Prostate cancer | Lower respiratory infect | COPD | Alzheimer's disease | Diabetes | Lung cancer | Chronic kidney disease |
| | 1.01 | 0.7 | 0.67 | 1.8 | 1.15 | 0.71 | 0.97 | 1.21 | 0.91 | 1 |
| Antigua and Barbuda | Total cancers | Prostate cancer | Ischemic heart disease | Stroke | Diabetes | Lower respiratory infect | Chronic kidney disease | Hypertensive heart disease | Alzheimer's disease | Stomach cancer |
| | 1.15 | 3.49 | 0.6 | 0.87 | 3.06 | 1.68 | 2.44 | 2.86 | 1.03 | 1.12 |
| Bahamas | Total cancers | Ischemic heart disease | Prostate cancer | Stroke | Hypertensive heart disease | Diabetes | Lower respiratory infect | Chronic kidney disease | Alzheimer's disease | Colorectal cancer |
| | 1.06 | 0.69 | 3.04 | 0.91 | 7.15 | 2.34 | 1.36 | 1.92 | 1.06 | 0.85 |
| Barbados | Total cancers | Ischemic heart disease | Ischemic heart disease | Stroke | Diabetes | Lower respiratory infect | Alzheimer's disease | Chronic kidney disease | Colorectal cancer | Urinary diseases |
| | 1.29 | 3.42 | 0.46 | 0.79 | 3.23 | 1.66 | 1 | 1.46 | 1.27 | 5.59 |
| Belize | Total cancers | Ischemic heart disease | Stroke | Prostate cancer | Lower respiratory infect | Diabetes | Chronic kidney disease | COPD | Alzheimer's disease | Hypertensive heart disease |
| | 0.85 | 0.45 | 0.46 | 1.69 | 1.47 | 1.45 | 1.32 | 0.7 | 0.99 | 1.07 |
| Bermuda | Total cancers | Ischemic heart disease | Prostate cancer | Stroke | Lung cancer | Alzheimer's disease | Colorectal cancer | Diabetes | Chronic kidney disease | Lower respiratory infect |
| | 1.09 | 0.89 | 2.07 | 0.72 | 0.84 | 1.08 | 1.01 | 1.63 | 1.32 | 0.74 |
| Cuba | Total cancers | Ischemic heart disease | Stroke | Lower respiratory infect | Prostate cancer | Lung cancer | Alzheimer's disease | COPD | Falls | Colorectal cancer |
| | 1.13 | 0.64 | 0.54 | 1.72 | 1.57 | 1.44 | 0.97 | 0.74 | 3.64 | 1.11 |
| Dominica | Total cancers | Prostate cancer | Ischemic heart disease | Stroke | Diabetes | Hypertensive heart disease | Chronic kidney disease | Lower respiratory infect | COPD | Alzheimer's disease |
| | 1.79 | 5.26 | 0.53 | 0.85 | 2.74 | 4.34 | 2.57 | 1.65 | 0.85 | 1.01 |
| Dominican Republic | Ischemic heart disease | Total cancers | Stroke | Prostate cancer | Cirrhosis | Alzheimer's disease | Hypertensive heart disease | Diabetes | COPD | Lower respiratory infect |
| | 0.9 | 1.01 | 0.73 | 1.9 | 1.77 | 0.89 | 1.29 | 0.83 | 0.46 | 0.63 |
| Grenada | Total cancers | Ischemic heart disease | Prostate cancer | Stroke | Diabetes | Chronic kidney disease | Lower respiratory infect | Hypertensive heart disease | COPD | Colorectal cancer |
| | 1.52 | 0.65 | 4.1 | 0.86 | 2.64 | 2.44 | 2.13 | 1.71 | 0.63 | 1.25 |
| Guyana | Ischemic heart disease | Stroke | Total cancers | Prostate cancer | Diabetes | Hypertensive heart disease | Lower respiratory infect | Chronic kidney disease | COPD | Alzheimer's disease |
| | 0.9 | 1.22 | 1.01 | 2.7 | 2.51 | 2.92 | 1.78 | 1.6 | 0.58 | 0.96 |
| Haiti | Ischemic heart disease | Total cancers | Stroke | Prostate cancer | COPD | Lower respiratory infect | Diabetes | Hypertensive heart disease | Chronic kidney disease | Alzheimer's disease |
| | 1.1 | 1.36 | 1.12 | 2.88 | 0.94 | 0.98 | 1.09 | 1.51 | 1.05 | 1 |
| Jamaica | Total cancers | Stroke | Ischemic heart disease | Prostate cancer | Diabetes | COPD | Alzheimer's disease | Chronic kidney disease | Hypertensive heart disease | Lung cancer |
| | 1.09 | 0.89 | 0.38 | 2.51 | 3.07 | 0.81 | 0.96 | 1.5 | 1.87 | 0.79 |
| Puerto Rico | Total cancers | Ischemic heart disease | Diabetes | Prostate cancer | Alzheimer's disease | Chronic kidney disease | Stroke | COPD | Lower respiratory infect | Colorectal cancer |
| | 0.62 | 0.5 | 3.19 | 1.05 | 1.04 | 1.97 | 0.41 | 0.78 | 0.7 | 0.66 |
| Saint Kitts and Nevis | Total cancers | Stroke | Ischemic heart disease | Prostate cancer | Diabetes | Chronic kidney disease | Lower respiratory infect | Hypertensive heart disease | COPD | Colorectal cancer |
| | 1.34 | 1.6 | 0.78 | 4.05 | 3.1 | 3.42 | 2.1 | 3.21 | 0.7 | 1.07 |
| Saint Lucia | Total cancers | Prostate cancer | Stroke | Ischemic heart disease | Diabetes | COPD | Chronic kidney disease | Lower respiratory infect | Alzheimer's disease | Hypertensive heart disease |
| | 1.31 | 3.28 | 0.85 | 0.4 | 2.41 | 1.06 | 1.68 | 1.29 | 1.02 | 1.62 |
| Saint Vincent and the Grenadines | Total cancers | Ischemic heart disease | Prostate cancer | Stroke | Diabetes | Lower respiratory infect | Hypertensive heart disease | Chronic kidney disease | Alzheimer's disease | COPD |
| | 1.33 | 0.65 | 3.1 | 0.7 | 2.41 | 1.32 | 1.91 | 1.36 | 0.93 | 0.47 |
| Suriname | Total cancers | Ischemic heart disease | Stroke | Prostate cancer | Chronic kidney disease | Diabetes | Lower respiratory infect | Alzheimer's disease | COPD | Hypertensive heart disease |
| | 0.94 | 0.53 | 0.82 | 1.82 | 1.86 | 1.43 | 0.98 | 0.88 | 0.55 | 1.2 |
| Trinidad and Tobago | Ischemic heart disease | Total cancers | Diabetes | Stroke | Prostate cancer | Chronic kidney disease | Alzheimer's disease | Lower respiratory infect | Hypertensive heart disease | COPD |
| | 0.81 | 0.78 | 5.65 | 0.95 | 2.22 | 2.17 | 0.99 | 0.72 | 1.92 | 0.83 |
| United States Virgin Islands | Total cancers | Ischemic heart disease | Prostate cancer | Stroke | Diabetes | Chronic kidney disease | Hypertensive heart disease | Colorectal cancer | Lung cancer | Lower respiratory infect |
| | 1.38 | 1.56 | 3.7 | 1.07 | 3.16 | 2.49 | 4.47 | 1.34 | 0.69 | 1.01 |
| Central Latin America | Ischemic heart disease | Total cancers | Chronic kidney disease | COPD | Stroke | Diabetes | Alzheimer's disease | Prostate cancer | Lower respiratory infect | Cirrhosis |
| | 0.56 | 0.71 | 1.85 | 0.98 | 0.35 | 1.48 | 1.08 | 0.94 | 0.72 | 1.5 |
| Colombia | Ischemic heart disease | Total cancers | COPD | Alzheimer's disease | Stroke | Prostate cancer | Chronic kidney disease | Lower respiratory infect | Stomach cancer | Hypertensive heart disease |
| | 0.44 | 0.66 | 1.02 | 1.02 | 0.27 | 0.79 | 0.9 | 0.45 | 0.98 | 0.69 |
| Costa Rica | Total cancers | Ischemic heart disease | COPD | Alzheimer's disease | Stroke | Prostate cancer | Chronic kidney disease | Stomach cancer | Lower respiratory infect | Colorectal cancer |
| | 0.91 | 0.46 | 0.95 | 1.12 | 0.32 | 1.11 | 1.41 | 1.76 | 0.58 | 0.98 |
| El Salvador | Ischemic heart disease | Total cancers | Chronic kidney disease | Lower respiratory infect | Stroke | Alzheimer's disease | Prostate cancer | COPD | Diabetes | Stomach cancer |
| | 0.61 | 0.74 | 2.49 | 1.18 | 0.31 | 1.07 | 0.97 | 0.51 | 0.9 | 1.26 |
| Guatemala | Ischemic heart disease | Total cancers | Lower respiratory infect | Chronic kidney disease | Stroke | Diabetes | Prostate cancer | COPD | Alzheimer's disease | Cirrhosis |
| | 0.61 | 0.92 | 2.15 | 1.91 | 0.42 | 1.36 | 1.4 | 0.49 | 1.1 | 1.39 |
| Honduras | Ischemic heart disease | Total cancers | Stroke | COPD | Chronic kidney disease | Cirrhosis | Alzheimer's disease | Prostate cancer | Lower respiratory infect | Liver cancer |
| | 1.08 | 1.03 | 0.91 | 1.31 | 1.76 | 1.7 | 1.28 | 1.11 | 0.56 | 3.89 |
| Mexico | Ischemic heart disease | Total cancers | Diabetes | Chronic kidney disease | COPD | Stroke | Alzheimer's disease | Cirrhosis | Prostate cancer | Lower respiratory infect |
| | 0.55 | 0.63 | 2.16 | 2.38 | 1.13 | 0.31 | 1.12 | 2.22 | 0.81 | 0.7 |
| Nicaragua | Ischemic heart disease | Total cancers | Chronic kidney disease | Stroke | COPD | Diabetes | Prostate cancer | Cirrhosis | Alzheimer's disease | Lower respiratory infect |
| | 1.13 | 1.07 | 3.52 | 0.56 | 1 | 1.53 | 1.62 | 1.83 | 1.12 | 0.58 |
| Panama | Total cancers | Ischemic heart disease | Stroke | Alzheimer's disease | Prostate cancer | Chronic kidney disease | Diabetes | COPD | Lower respiratory infect | Lung cancer |
| | 0.69 | 0.37 | 0.51 | 1.08 | 1.09 | 1.51 | 1.16 | 0.61 | 0.72 | 0.48 |
| Venezuela (Bolivarian Republic of) | Ischemic heart disease | Total cancers | Stroke | Prostate cancer | Chronic kidney disease | Diabetes | COPD | Alzheimer's disease | Hypertensive heart disease | Lower respiratory infect |
| | 0.74 | 0.95 | 0.51 | 1.51 | 1.5 | 1.28 | 0.72 | 1.06 | 1.41 | 0.65 |
| Tropical Latin America | Total cancers | Ischemic heart disease | Stroke | COPD | Lower respiratory infect | Alzheimer's disease | Prostate cancer | Diabetes | Chronic kidney disease | Lung cancer |
| | 0.85 | 0.39 | 0.56 | 1.09 | 1.55 | 1.15 | 1.06 | 1.01 | 0.9 | 0.71 |
| Brazil | Total cancers | Ischemic heart disease | Stroke | COPD | Lower respiratory infect | Alzheimer's disease | Prostate cancer | Diabetes | Chronic kidney disease | Lung cancer |
| | 0.85 | 0.39 | 0.56 | 1.1 | 1.56 | 1.16 | 1.06 | 1 | 0.88 | 0.71 |
| Paraguay | Total cancers | Ischemic heart disease | Stroke | Diabetes | Chronic kidney disease | COPD | Alzheimer's disease | Lower respiratory infect | Prostate cancer | Lung cancer |
| | 0.85 | 0.51 | 0.6 | 1.47 | 1.51 | 0.82 | 1.1 | 1.1 | 1.08 | 0.89 |
| North Africa and Middle East | Ischemic heart disease | Total cancers | Stroke | COPD | Hypertensive heart disease | Alzheimer's disease | Chronic kidney disease | Cirrhosis | Lower respiratory infect | Diabetes |
| | 1.2 | 0.67 | 0.82 | 0.87 | 2.23 | 1.14 | 1.39 | 2.18 | 0.78 | 0.9 |
| North Africa and Middle East | Ischemic heart disease | Total cancers | Stroke | COPD | Hypertensive heart disease | Alzheimer's disease | Chronic kidney disease | Cirrhosis | Lower respiratory infect | Diabetes |
| | 1.2 | 0.67 | 0.82 | 0.87 | 2.23 | 1.14 | 1.39 | 2.18 | 0.78 | 0.9 |
| Afghanistan | Ischemic heart disease | Stroke | Total cancers | Conflict & terror | Hypertensive heart disease | Lower respiratory infect | Chronic kidney disease | COPD | Alzheimer's disease | Stomach cancer |
| | 1.79 | 1.06 | 1.08 | 1658.3 | 2.81 | 0.66 | 1.48 | 0.72 | 1.39 | 2.02 |
| Algeria | Ischemic heart disease | Stroke | Total cancers | Hypertensive heart disease | Alzheimer's disease | Chronic kidney disease | COPD | Lower respiratory infect | Diabetes | Lung cancer |
| | 1.1 | 0.82 | 0.5 | 2.11 | 1.19 | 1.24 | 0.64 | 0.78 | 0.57 | 0.49 |
| Bahrain | Ischemic heart disease | Diabetes | Total cancers | Stroke | COPD | Chronic kidney disease | Lung cancer | Alzheimer's disease | Lower respiratory infect | Prostate cancer |
| | 1.06 | 8.21 | 0.81 | 0.67 | 1.14 | 2.47 | 0.98 | 1.28 | 1.06 | 0.69 |
| Egypt | Ischemic heart disease | Cirrhosis | Total cancers | Stroke | Total burden related to hep | Hypertensive heart disease | Chronic kidney disease | Total burden related to hep | COPD | Alzheimer's disease |
| | 1.49 | 9.03 | 0.48 | 0.58 | 15.47 | 2.77 | 1.58 | 9.84 | 0.76 | 1.05 |
| Iran (Islamic Republic of) | Ischemic heart disease | Total cancers | Stroke | Alzheimer's disease | Hypertensive heart disease | COPD | Chronic kidney disease | Diabetes | Stomach cancer | Lower respiratory infect |
| | 0.88 | 0.7 | 0.64 | 1.13 | 2.15 | 0.68 | 0.97 | 0.82 | 1.44 | 0.66 |
| Iraq | Ischemic heart disease | Stroke | Total cancers | Chronic kidney disease | Diabetes | Alzheimer's disease | Lung cancer | Hypertensive heart disease | COPD | Prostate cancer |
| | 1.47 | 1.44 | 0.74 | 2.4 | 1.78 | 1.16 | 0.93 | 1.34 | 0.4 | 0.5 |
| Jordan | Ischemic heart disease | Total cancers | Stroke | Diabetes | Hypertensive heart disease | Chronic kidney disease | Alzheimer's disease | Lung cancer | COPD | Lower respiratory infect |
| | 0.74 | 0.57 | 0.9 | 2.09 | 3.97 | 1.99 | 1.12 | 0.69 | 0.5 | 0.7 |
| Kuwait | Ischemic heart disease | Total cancers | Stroke | Lower respiratory infect | Alzheimer's disease | Diabetes | Hypertensive heart disease | Chronic kidney disease | Lung cancer | COPD |
| | 0.92 | 0.43 | 1.04 | 2.04 | 1.26 | 1.88 | 3.15 | 1.34 | 0.34 | 0.41 |
| Lebanon | Ischemic heart disease | Total cancers | Stroke | Prostate cancer | Lung cancer | Hypertensive heart disease | Alzheimer's disease | Lower respiratory infect | COPD | Chronic kidney disease |
| | 1.69 | 1.04 | 0.49 | 1.12 | 1.13 | 2.67 | 1.16 | 1.06 | 0.71 | 1.3 |
| Libya | Ischemic heart disease | Total cancers | Stroke | Alzheimer's disease | Hypertensive heart disease | Chronic kidney disease | COPD | Lung cancer | Lower respiratory infect | Diabetes |
| | 0.96 | 0.65 | 0.71 | 1.29 | 2.33 | 1.44 | 0.66 | 0.84 | 0.75 | 0.78 |
| Morocco | Ischemic heart disease | Stroke | Total cancers | Hypertensive heart disease | Chronic kidney disease | COPD | Alzheimer's disease | Lower respiratory infect | Diabetes | Lung cancer |
| | 1.64 | 1.05 | 0.67 | 2.2 | 1.37 | 0.67 | 1.14 | 0.69 | 0.67 | 0.95 |
| Oman | Ischemic heart disease | Total cancers | Total cancers | Diabetes | Lower respiratory infect | Road injuries | COPD | Alzheimer's disease | Chronic kidney disease | Hypertensive heart disease |
| | 2.77 | 1.88 | 0.57 | 4.57 | 2.54 | 9.83 | 1.03 | 1.41 | 1.72 | 2.82 |
| Palestine | Ischemic heart disease | Total cancers | Stroke | Diabetes | Hypertensive heart disease | Lung cancer | Chronic kidney disease | Lower respiratory infect | COPD | Alzheimer's disease |
| | 1.17 | 1.1 | 1.09 | 2.47 | 2.03 | 1.6 | 1.49 | 1.04 | 0.64 | 1.15 |
| Qatar | Ischemic heart disease | Total cancers | Diabetes | Stroke | Chronic kidney disease | Lung cancer | Cirrhosis | Road injuries | Liver cancer | Total burden related to hep |
| | 1.84 | 0.79 | 8.83 | 0.73 | 3.47 | 0.61 | 3.37 | 6.72 | 3.6 | 6.14 |
| Saudi Arabia | Ischemic heart disease | Stroke | Total cancers | Chronic kidney disease | Cirrhosis | Lower respiratory infect | Alzheimer's disease | COPD | Diabetes | Total burden related to hep |
| | 1.43 | 1.58 | 0.38 | 4.13 | 3.9 | 1.41 | 1.31 | 0.7 | 1.42 | 6.33 |
| Sudan | Ischemic heart disease | Stroke | Total cancers | Hypertensive heart disease | COPD | Chronic kidney disease | Alzheimer's disease | Lower respiratory infect | Cirrhosis | Stomach cancer |
| | 1.56 | 1.02 | 0.76 | 2.54 | 0.7 | 1.05 | 1.05 | 0.63 | 1.04 | 1.31 |
| Syrian Arab Republic | Ischemic heart disease | Stroke | Total cancers | Conflict & terror | Alzheimer's disease | Chronic kidney disease | COPD | Lower respiratory infect | Cirrhosis | Diabetes |
| | 1.64 | 0.73 | 0.5 | 2998.5 | 1.14 | 1.01 | 0.56 | 0.75 | 1.14 | 0.51 |
| Tunisia | Ischemic heart disease | Stroke | Total cancers | Alzheimer's disease | Hypertensive heart disease | Lung cancer | COPD | Chronic kidney disease | Lower respiratory infect | Diabetes |
| | 1.22 | 0.86 | 0.63 | 1.2 | 1.97 | 1.03 | 0.68 | 1.23 | 0.82 | 0.68 |
| Turkey | Ischemic heart disease | Total cancers | Stroke | COPD | Lung cancer | Alzheimer's disease | Chronic kidney disease | Lower respiratory infect | Hypertensive heart disease | Diabetes |
| | 0.85 | 0.81 | 0.8 | 1.64 | 1.26 | 1.15 | 1.52 | 0.91 | 2.18 | 1.21 |
| United Arab Emirates | Ischemic heart disease | Total cancers | Stroke | Diabetes | Lower respiratory infect | Hypertensive heart disease | Chronic kidney disease | COPD | Lung cancer | Road injuries |
| | 1.64 | 0.72 | 2.05 | 5.81 | 2.99 | 11.02 | 4.6 | 1.04 | 0.51 | 8.72 |
| Yemen | Ischemic heart disease | Stroke | Total cancers | Hypertensive heart disease | COPD | Lower respiratory infect | Alzheimer's disease | Chronic kidney disease | Stomach cancer | Asthma |
| | 1.89 | 1.1 | 0.86 | 2.64 | 0.73 | 0.56 | 1.14 | 0.85 | 1.73 | 1.34 |
| South Asia | Ischemic heart disease | COPD | Stroke | Total cancers | Diarthral diseases | Lower respiratory infect | Diabetes | Tuberculosis | Alzheimer's disease | Chronic kidney disease |
| | 0.8 | 2.4 | 0.64 | 0.58 | 7.99 | 0.87 | 0.95 | 2.89 | 0.83 | 0.71 |
| South Asia | Ischemic heart disease | COPD | Stroke | Total cancers | Diarthral diseases | Lower respiratory infect | Diabetes | Tuberculosis | Alzheimer's disease | Chronic kidney disease |
| | 0.8 | 2.4 | 0.64 | 0.58 | 7.99 | 0.87 | 0.95 | 2.89 | 0.83 | 0.71 |
| Bangladesh | Stroke | Ischemic heart disease | Total cancers | COPD | Diabetes | Diarthral diseases | Lower respiratory infect | Tuberculosis | Alzheimer's disease | Cirrhosis |
| | 1.15 | 0.99 | 0.61 | 1.18 | 0.92 | 1.77 | 0.48 | 1.23 | 0.8 | 0.8 |
| Bhutan | Ischemic heart disease | COPD | Total cancers | Stroke | Diabetes | Diarthral diseases | Lower respiratory infect | Chronic kidney disease | Cirrhosis | Alzheimer's disease |
| | 0.92 | 2.03 | 0.72 | 0.61 | 1.07 | 1.71 | 0.51 | 0.88 | 1.11 | 0.91 |
| India | Ischemic heart disease | | | | | | | | | |

| | | | | | | | | | | |
|----------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Solomon Islands | Ischemic heart disease | Stroke | Total cancers | COPD | Lower respiratory infect | Diabetes | Diartheal diseases | Lung cancer | Asthma | Prostate cancer |
| | 2.19 | 1.97 | 1.18 | 2.27 | 1.91 | 2.66 | 2.85 | 2.29 | 2.43 | 1.28 |
| Tokelau | Ischemic heart disease | Total cancers | Stroke | Diabetes | COPD | Chronic kidney disease | Lower respiratory infect | Alzheimer's disease | Prostate cancer | Lung cancer |
| | 0.67 | 0.75 | 0.71 | 2.03 | 1.24 | 1.35 | 1.06 | 0.96 | 0.99 | 1.16 |
| Tonga | Total cancers | Ischemic heart disease | Diabetes | COPD | Stroke | Lower respiratory infect | Chronic kidney disease | Lung cancer | Prostate cancer | Alzheimer's disease |
| | 1.32 | 0.75 | 3.35 | 1.96 | 0.63 | 1.76 | 1.94 | 1.82 | 1.48 | 0.94 |
| Tuvalu | Ischemic heart disease | Stroke | Total cancers | Diabetes | COPD | Chronic kidney disease | Lower respiratory infect | Prostate cancer | Lung cancer | Alzheimer's disease |
| | 1 | 1.07 | 0.96 | 2.57 | 1.65 | 1.67 | 1.34 | 1.29 | 1.46 | 1 |
| Vanuatu | Ischemic heart disease | Stroke | Total cancers | COPD | Diabetes | Lower respiratory infect | Diartheal diseases | Lung cancer | Chronic kidney disease | Prostate cancer |
| | 1.49 | 1.42 | 1.06 | 1.86 | 1.69 | 0.98 | 2.8 | 1.75 | 1.17 | 1.3 |
| Southeast Asia | Stroke | Ischemic heart disease | Total cancers | COPD | Lower respiratory infect | Diabetes | Lung cancer | Tuberculosis | Chronic kidney disease | Alzheimer's disease |
| | 1.31 | 0.64 | 0.78 | 1.65 | 1.73 | 1.25 | 1.07 | 7.32 | 1.1 | 0.92 |
| Cambodia | Stroke | Ischemic heart disease | Total cancers | lower respiratory infect | COPD | Tuberculosis | Lung cancer | Cirrhosis | Upper digest diseases | Diabetes |
| | 1.3 | 0.87 | 1.23 | 2.17 | 1.21 | 2.88 | 2.26 | 1.94 | 4.46 | 0.93 |
| Indonesia | Stroke | Ischemic heart disease | Total cancers | COPD | Diartheal diseases | Diabetes | Tuberculosis | Cirrhosis | Lung cancer | Hypertensive heart disease |
| | 1.73 | 0.73 | 0.78 | 2 | 52.59 | 1.5 | 14.37 | 2.86 | 1.12 | 2.03 |
| Lao People's Democratic Republic | Stroke | Ischemic heart disease | Total cancers | COPD | Lower respiratory infect | Tuberculosis | Chronic kidney disease | Lung cancer | Diabetes | Asthma |
| | 1.5 | 1 | 0.94 | 1.54 | 1.42 | 2.69 | 1.32 | 1.68 | 0.92 | 2.19 |
| Malaysia | Ischemic heart disease | Lower respiratory infect | Total cancers | Stroke | COPD | lung cancer | Alzheimer's disease | Chronic kidney disease | Colorectal cancer | Cirrhosis |
| | 0.92 | 4.74 | 0.71 | 1.05 | 1.3 | 0.78 | 0.95 | 1.23 | 1.13 | 1.51 |
| Maldives | Ischemic heart disease | Stroke | Total cancers | COPD | Chronic kidney disease | Alzheimer's disease | Diabetes | Lower respiratory infect | Lung cancer | Prostate cancer |
| | 0.79 | 0.65 | 0.61 | 0.95 | 1.25 | 0.91 | 0.77 | 0.39 | 0.75 | 0.4 |
| Mauritius | Ischemic heart disease | Diabetes | Total cancers | Stroke | Chronic kidney disease | COPD | Hypertensive heart disease | Lower respiratory infect | Alzheimer's disease | Prostate cancer |
| | 0.65 | 4.8 | 0.59 | 0.8 | 3.71 | 0.97 | 2.18 | 0.98 | 0.9 | 0.65 |
| Myanmar | Stroke | COPD | Total cancers | Ischemic heart disease | Diabetes | Lower respiratory infect | Asthma | Tuberculosis | Lung cancer | Hypertensive heart disease |
| | 1.84 | 2.67 | 0.99 | 0.6 | 1.67 | 1.17 | 3.32 | 2.67 | 1.57 | 1.14 |
| Philippines | Ischemic heart disease | Stroke | Lower respiratory infect | Total cancers | COPD | Chronic kidney disease | Hypertensive heart disease | Tuberculosis | Diabetes | Alzheimer's disease |
| | 0.72 | 0.83 | 3.42 | 0.67 | 1.45 | 1.54 | 2.08 | 9.57 | 1.08 | 0.9 |
| Seychelles | Total cancers | Ischemic heart disease | Lower respiratory infect | Stroke | Prostate cancer | COPD | Hypertensive heart disease | Chronic kidney disease | Lung cancer | Colorectal cancer |
| | 1.3 | 0.68 | 4.25 | 0.85 | 2.36 | 1.16 | 3.76 | 2.24 | 0.81 | 1.41 |
| Sri Lanka | Ischemic heart disease | Stroke | Total cancers | Diabetes | Asthma | COPD | Chronic kidney disease | Lower respiratory infect | Alzheimer's disease | Hypertensive heart disease |
| | 0.71 | 0.81 | 0.49 | 2.72 | 17.04 | 1.05 | 1.33 | 1.04 | 0.96 | 1.41 |
| Thailand | Total cancers | Ischemic heart disease | Stroke | lower respiratory infect | COPD | lung cancer | Alzheimer's disease | Chronic kidney disease | Liver cancer | Diabetes |
| | 0.75 | 0.32 | 0.5 | 1.57 | 0.98 | 1.03 | 0.88 | 1.22 | 5.41 | 0.64 |
| Timor-Leste | Stroke | Ischemic heart disease | Total cancers | COPD | Lower respiratory infect | Tuberculosis | Diartheal diseases | Chronic kidney disease | Lung cancer | Hypertensive heart disease |
| | 1.4 | 0.95 | 0.83 | 1.54 | 1.69 | 2.68 | 3.07 | 1.01 | 1.29 | 1.28 |
| Viet Nam | Stroke | Ischemic heart disease | Total cancers | COPD | Lower respiratory infect | Tuberculosis | Diabetes | Lung cancer | Alzheimer's disease | Chronic kidney disease |
| | 1.92 | 0.72 | 0.68 | 1.77 | 1.23 | 0.51 | 0.79 | 1.33 | 1.01 | 1.01 |
| Sub-Saharan Africa | Total cancers | Ischemic heart disease | Stroke | lower respiratory infect | Tuberculosis | Diartheal diseases | COPD | Diabetes | Prostate cancer | Chronic kidney disease |
| | 0.99 | 0.68 | 0.85 | 1.58 | 1.91 | 1.87 | 0.79 | 1.41 | 1.64 | 1.12 |
| Central Sub-Saharan Africa | Stroke | Lower respiratory infect | Total cancers | Ischemic heart disease | Tuberculosis | COPD | Diartheal diseases | Diabetes | Hypertensive heart disease | Prostate cancer |
| | 0.98 | 1.98 | 1 | 0.66 | 2.78 | 0.94 | 2.24 | 1.58 | 1.81 | 1.42 |
| Angola | Stroke | Total cancers | Ischemic heart disease | lower respiratory infect | Tuberculosis | Diartheal diseases | Diabetes | Cirrhosis | Prostate cancer | COPD |
| | 1.06 | 1.09 | 0.67 | 2.14 | 3.67 | 3.29 | 1.71 | 2 | 1.55 | 0.57 |
| Central African Republic | Tuberculosis | Diartheal diseases | Stroke | lower respiratory infect | Ischemic heart disease | Total cancers | COPD | Diabetes | Hypertensive heart disease | Chronic kidney disease |
| | 2.93 | 2.88 | 1.21 | 1.54 | 0.92 | 1.07 | 1.21 | 1.67 | 2.17 | 1.27 |
| Congo | Total cancers | Stroke | Ischemic heart disease | lower respiratory infect | Diabetes | Tuberculosis | Diartheal diseases | COPD | Prostate cancer | Hypertensive heart disease |
| | 1.03 | 0.96 | 0.62 | 2.66 | 1.79 | 6.85 | 14.61 | 0.9 | 1.52 | 1.91 |
| Democratic Republic of the Congo | Lower respiratory infect | Stroke | Total cancers | Ischemic heart disease | Tuberculosis | COPD | Diartheal diseases | Diabetes | Hypertensive heart disease | Prostate cancer |
| | 1.9 | 0.95 | 0.96 | 0.66 | 2.5 | 1 | 1.76 | 1.46 | 1.82 | 1.35 |
| Equatorial Guinea | Total cancers | Stroke | lower respiratory infect | Ischemic heart disease | Diabetes | Prostate cancer | COPD | Chronic kidney disease | Malaria | Tuberculosis |
| | 0.97 | 0.96 | 3.79 | 0.48 | 3.07 | 1.53 | 1.15 | 2.02 | 85.17 | 13.62 |
| Gabon | Total cancers | Ischemic heart disease | Stroke | lower respiratory infect | Diabetes | Prostate cancer | Chronic kidney disease | Tuberculosis | Hypertensive heart disease | COPD |
| | 1.12 | 0.99 | 1.02 | 3.89 | 3.31 | 1.62 | 2.14 | 15.35 | 2.75 | 1 |
| Eastern Sub-Saharan Africa | Stroke | Ischemic heart disease | Total cancers | lower respiratory infect | Tuberculosis | Diartheal diseases | COPD | Diabetes | Cirrhosis | Chronic kidney disease |
| | 0.94 | 0.66 | 0.91 | 1.45 | 1.69 | 1.7 | 0.79 | 1.37 | 1.51 | 1.04 |
| Burundi | Stroke | Ischemic heart disease | Tuberculosis | lower respiratory infect | Total cancers | Diartheal diseases | COPD | Diabetes | Prostate cancer | Chronic kidney disease |
| | 0.96 | 0.81 | 1.66 | 1.19 | 0.91 | 1.24 | 1.05 | 1.16 | 1.24 | 0.93 |
| Comoros | Ischemic heart disease | Total cancers | Stroke | lower respiratory infect | Tuberculosis | COPD | Diartheal diseases | Diabetes | Prostate cancer | Chronic kidney disease |
| | 0.65 | 0.89 | 0.8 | 1.61 | 2.56 | 0.73 | 2.49 | 1.25 | 1.35 | 1.02 |
| Djibouti | Total cancers | Ischemic heart disease | Stroke | lower respiratory infect | Tuberculosis | Diabetes | Prostate cancer | Diartheal diseases | COPD | Chronic kidney disease |
| | 1.06 | 0.74 | 0.93 | 1.85 | 2.5 | 1.51 | 1.59 | 2.25 | 0.58 | 1.13 |
| Eritrea | Lower respiratory infect | Stroke | Tuberculosis | Ischemic heart disease | Total cancers | Diartheal diseases | COPD | Diabetes | Cirrhosis | Prostate cancer |
| | 2.62 | 1.02 | 4.02 | 0.75 | 0.95 | 3.85 | 0.9 | 1.38 | 1.56 | 1.35 |
| Ethiopia | Stroke | Lower respiratory infect | Ischemic heart disease | Total cancers | Diartheal diseases | Tuberculosis | Cirrhosis | COPD | Diabetes | Chronic kidney disease |
| | 0.74 | 1.29 | 0.57 | 0.69 | 1.72 | 1.11 | 1.75 | 0.73 | 1.31 | 1.05 |
| Kenya | Stroke | Lower respiratory infect | Total cancers | Ischemic heart disease | Diartheal diseases | Tuberculosis | Cirrhosis | COPD | Diabetes | Prostate cancer |
| | 0.98 | 2.52 | 0.88 | 0.53 | 5.57 | 3.99 | 2.48 | 0.88 | 1.36 | 1.31 |
| Madagascar | Ischemic heart disease | Stroke | Lower respiratory infect | Total cancers | Tuberculosis | COPD | Diartheal diseases | Hypertensive heart disease | Diabetes | Cirrhosis |
| | 0.94 | 1.19 | 1.38 | 0.72 | 2.21 | 1.1 | 1.75 | 1.88 | 0.96 | 1.12 |
| Malawi | Stroke | Total cancers | Ischemic heart disease | lower respiratory infect | Tuberculosis | Diartheal diseases | Diabetes | COPD | Cirrhosis | Chronic kidney disease |
| | 1.02 | 1.03 | 0.67 | 1.66 | 2.84 | 2.38 | 1.56 | 0.77 | 1.71 | 1.11 |
| Mozambique | Stroke | Tuberculosis | Ischemic heart disease | lower respiratory infect | Total cancers | Diabetes | Diartheal diseases | COPD | Hypertensive heart disease | Malaria |
| | 1.48 | 2.39 | 0.84 | 1.38 | 0.97 | 1.7 | 1.04 | 0.76 | 1.87 | 4.49 |
| Rwanda | Stroke | Total cancers | Ischemic heart disease | lower respiratory infect | COPD | Tuberculosis | Diabetes | Diartheal diseases | Prostate cancer | Cirrhosis |
| | 0.98 | 1.04 | 0.57 | 1.6 | 1.03 | 2.03 | 1.46 | 2.03 | 1.51 | 1.55 |
| Somalia | Tuberculosis | Stroke | Ischemic heart disease | lower respiratory infect | Total cancers | Diartheal diseases | COPD | Diabetes | Cirrhosis | Hypertensive heart disease |
| | 0.66 | 1.02 | 1.07 | 0.7 | 0.97 | 0.32 | 1.06 | 1.3 | 0.96 | 1.64 |
| South Sudan | Stroke | Total cancers | Ischemic heart disease | Diartheal diseases | Lower respiratory infect | Tuberculosis | COPD | Diabetes | Cirrhosis | Chronic kidney disease |
| | 0.78 | 0.92 | 0.6 | 2.71 | 1.24 | 2.07 | 0.75 | 1.21 | 1.35 | 1.05 |
| Uganda | Total cancers | Stroke | Ischemic heart disease | lower respiratory infect | Tuberculosis | Prostate cancer | COPD | Diabetes | Diartheal diseases | Chronic kidney disease |
| | 1.42 | 0.93 | 0.69 | 1.58 | 2.53 | 2.71 | 0.96 | 1.68 | 1.89 | 1.18 |
| United Republic of Tanzania | Ischemic heart disease | Stroke | Total cancers | lower respiratory infect | Tuberculosis | Diartheal diseases | Diabetes | Prostate cancer | COPD | Chronic kidney disease |
| | 0.78 | 0.93 | 1.03 | 1.46 | 2.13 | 2.18 | 1.33 | 1.48 | 0.56 | 1 |
| Zambia | Stroke | Total cancers | Ischemic heart disease | lower respiratory infect | Tuberculosis | Diabetes | Cirrhosis | COPD | Hypertensive heart disease | Diartheal diseases |
| | 1.47 | 1.09 | 0.6 | 2.11 | 4.52 | 1.67 | 2.43 | 0.83 | 2.29 | 3.8 |
| Southern Sub-Saharan Africa | Total cancers | Ischemic heart disease | Stroke | lower respiratory infect | Diabetes | COPD | Prostate cancer | Tuberculosis | Chronic kidney disease | Diartheal diseases |
| | 1.03 | 0.52 | 0.77 | 2.56 | 2.5 | 1.37 | 1.8 | 9.88 | 1.75 | 11.36 |
| Botswana | Total cancers | Ischemic heart disease | Stroke | lower respiratory infect | Diabetes | COPD | Prostate cancer | Chronic kidney disease | Tuberculosis | HIV/AIDS |
| | 1.2 | 0.73 | 1.14 | 3.97 | 1.86 | 1.92 | 2.14 | 1.92 | 10.01 | 529.21 |
| Eswatini | Total cancers | Diabetes | Stroke | Ischemic heart disease | Lower respiratory infect | COPD | Chronic kidney disease | Tuberculosis | Prostate cancer | Diartheal diseases |
| | 1.59 | 4.94 | 1.13 | 0.63 | 2.96 | 1.9 | 2.79 | 9.68 | 2.28 | 21.04 |
| Lesotho | Total cancers | Stroke | Tuberculosis | COPD | Ischemic heart disease | Lower respiratory infect | Diartheal diseases | Diabetes | Prostate cancer | Chronic kidney disease |
| | 1.64 | 1.37 | 8.76 | 2.11 | 0.67 | 2.72 | 10.84 | 3.24 | 2.6 | 2.15 |
| Namibia | Stroke | Ischemic heart disease | Total cancers | lower respiratory infect | COPD | Diabetes | Prostate cancer | Diartheal diseases | Tuberculosis | Chronic kidney disease |
| | 1.19 | 0.69 | 0.89 | 3.88 | 2 | 2.31 | 1.77 | 30.58 | 9.29 | 1.58 |
| South Africa | Total cancers | Ischemic heart disease | Stroke | Diabetes | Lower respiratory infect | COPD | Prostate cancer | Chronic kidney disease | Hypertensive heart disease | Tuberculosis |
| | 0.96 | 0.42 | 0.72 | 2.66 | 2.43 | 1.45 | 1.66 | 1.76 | 2.04 | 12.09 |
| Zimbabwe | Total cancers | Ischemic heart disease | Tuberculosis | lower respiratory infect | Stroke | Prostate cancer | Diartheal diseases | Chronic kidney disease | COPD | Diabetes |
| | 1.47 | 0.88 | 7.89 | 2.73 | 0.77 | 2.86 | 4.66 | 1.54 | 0.66 | 1.2 |
| Western Sub-Saharan Africa | Ischemic heart disease | Total cancers | Stroke | lower respiratory infect | Prostate cancer | Malaria | Tuberculosis | Diartheal diseases | COPD | Diabetes |
| | 0.73 | 1.03 | 0.78 | 1.49 | 1.99 | 16.22 | 1.48 | 1.76 | 0.65 | 1.18 |
| Benin | Ischemic heart disease | Stroke | Total cancers | lower respiratory infect | Malaria | Diartheal diseases | Tuberculosis | COPD | Prostate cancer | Chronic kidney disease |
| | 0.81 | 0.96 | 1.1 | 1.53 | 12.7 | 1.31 | 0.99 | 0.68 | 1.58 | 1.19 |
| Burkina Faso | Ischemic heart disease | Lower respiratory infect | Total cancers | Stroke | Diartheal diseases | Malaria | Tuberculosis | Diabetes | Prostate cancer | Chronic kidney disease |
| | 1.17 | 1.32 | 1.09 | 0.71 | 0.88 | 5.52 | 0.66 | 1.17 | 1.5 | 1.03 |
| Cabo Verde | Total cancers | Ischemic heart disease | Stroke | lower respiratory infect | Prostate cancer | Stomach cancer | Chronic kidney disease | Alzheimer's disease | COPD | Diabetes |
| | 2.16 | 1 | 0.94 | 2.35 | 3.33 | 3.14 | 1.26 | 0.96 | 0.5 | 1.01 |
| Cameroon | Total cancers | Ischemic heart disease | Stroke | lower respiratory infect | Malaria | Diabetes | Prostate cancer | Chronic kidney disease | Tuberculosis | COPD |
| | 1.13 | 0.78 | 0.92 | 2.39 | 423.2 | 1.5 | 1.75 | 1.5 | 2.44 | 0.66 |
| Chad | Ischemic heart disease | Lower respiratory infect | Total cancers | Stroke | Diartheal diseases | Tuberculosis | COPD | Prostate cancer | Chronic kidney disease | Diabetes |
| | 0.92 | 1.18 | 1.08 | 0.81 | 1.01 | 0.76 | 0.72 | 1.42 | 1.08 | 0.82 |
| Côte d'Ivoire | Ischemic heart disease | Total cancers | Lower respiratory infect | Stroke | Malaria | Tuberculosis | Prostate cancer | Chronic kidney disease | COPD | Diabetes |
| | 0.86 | 1.13 | 1.9 | 0.83 | 55.91 | 1.64 | 1.58 | 1.31 | 0.67 | 1.13 |
| Gambia | Ischemic heart disease | Lower respiratory infect | Stroke | Total cancers | Tuberculosis | COPD | Chronic kidney disease | Diartheal diseases | Liver cancer | Diabetes |
| | 1.01 | 2.18 | 0.88 | 0.85 | 2.25 | 0.77 | 1.25 | 1.45 | 7.35 | 1.06 |
| Ghana | Lower respiratory infect | Total cancers | Ischemic heart disease | Stroke | Tuberculosis | Prostate cancer | COPD | Diabetes | Malaria | Chronic kidney disease |
| | 3.93 | 1.02 | 0.66 | 0.84 | 8.91 | 1.99 | 1.01 | 1.62 | 954.89 | 1.17 |
| Guinea | Total cancers | Lower respiratory infect | Ischemic heart disease | Stroke | Tuberculosis | Diartheal diseases | Prostate cancer | COPD | Liver cancer | Chronic kidney disease |
| | 1.44 | 1.71 | 0.84 | 0.82 | 1.19 | 1.28 | 1.8 | 0.74 | 8.69 | 1.11 |
| Guinea-Bissau | Ischemic heart disease | Lower respiratory infect | Total cancers | Stroke | Tuberculosis | Diartheal diseases | COPD | Chronic kidney disease | Prostate cancer | Diabetes |
| | 1.12 | 2.18 | 1.24 | 1.05 | 1.8 | 1.9 | 0.91 | 1.45 | 1.66 | 1.24 |
| Liberia | Ischemic heart disease | Total cancers | Stroke | lower respiratory infect | Malaria | Diartheal diseases | Tuberculosis | Prostate cancer | Chronic kidney disease | Diabetes |
| | 0.76 | 0.99 | 0.7 | 1.24 | 18.3 | 1.27 | 1.08 | 1.48 | 1.07 | 0.91 |
| Mali | Ischemic heart disease | Stroke | Total cancers | Diartheal diseases | Tuberculosis | Lower respiratory infect | COPD | Chronic kidney disease | Alzheimer's disease | Diabetes |
| | 0.87 | 0.8 | 0.94 | 1.27 | 0.67 | 0.46 | 0.7 | 0.97 | 1.08 | 0.77 |
| Mauritania | Ischemic heart disease | Total cancers | Lower respiratory infect | Stroke | Malaria | Prostate cancer | Diartheal diseases | Alzheimer's disease | Chronic kidney disease | Diabetes |
| | 0.61 | 0.92 | 1.78 | 0.59 | 366.79 | 1.46 | 2.87 | 1.05 | 0.99 | 0.88 |
| Niger | Ischemic heart disease | Lower respiratory infect | Stroke | Total cancers | Diartheal diseases | Malaria | Tuberculosis | COPD | Prostate cancer | Chronic kidney disease |
| | 0.95 | 0.81 | 0.74 | 0.95 | 0.51 | 2.65 | 0.35 | 0.68 | 1.35 | 0.94 |
| Nigeria | Total cancers | Ischemic heart disease | Stroke | lower respiratory | | | | | | |

Figure S21. Leading ten causes of total deaths with ratio of observed to expected years lived with disability in 2019, among people 70 years and older, in females, for all GBD locations. Causes are ranked based on global estimates of deaths. Causes are color coded (shown in color key) based on the ratio of observed to expected (O:E) rates on that basis of SDI from the epidemiologic transition analysis. Shades of blue represent much lower observed deaths and YLDs than expected disease levels based on SDI, whereas red shows that observed deaths and YLDs exceed expected levels. When the ratio exceeds 1 means that observed levels exceeded the expected levels on the basis of SDI. O:E ratios are listed in each cell.

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|--|--------------------------------|------------------------------------|------------------------------------|------------------------------------|--------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------------------|
| Global | Ischemic heart disease 0.82 | Stroke 0.92 | Total cancers 0.89 | COPD 2.12 | Alzheimer's disease 1.01 | Lower respiratory infect 0.99 | Hypertensive heart disease 1.15 | Diabetes 0.79 | Chronic kidney disease 1.02 | Diarrheal diseases 5.39 |
| Central Europe, Eastern Europe, and Central Asia | Ischemic heart disease 2.17 | Stroke 1.83 | Total cancers 0.79 | Alzheimer's disease 0.97 | Hypertensive heart disease 1.4 | Colorectal cancer 0.93 | COPD 0.72 | Breast cancer 0.78 | Diabetes 0.62 | Cardiomyopathy 2.44 |
| Central Asia | Ischemic heart disease 2.44 | Stroke 1.56 | Total cancers 0.83 | Hypertensive heart disease 1.81 | Alzheimer's disease 1 | COPD 1.5 | Cirrhosis 2.78 | Diabetes 0.71 | Lower respiratory infect 0.58 | Chronic kidney disease 0.6 |
| Armenia | Ischemic heart disease 1.69 | Stroke 0.79 | Total cancers 0.98 | Alzheimer's disease 1.04 | COPD 1.83 | Diabetes 1.21 | Hypertensive heart disease 1.45 | Cirrhosis 3.65 | Urinary diseases 5.19 | Breast cancer 1.09 |
| Azerbaijan | Ischemic heart disease 1.27 | Stroke 2.02 | Total cancers 0.87 | Hypertensive heart disease 2.52 | Cirrhosis 4.66 | Alzheimer's disease 1.07 | COPD 1.35 | Diabetes 0.8 | Stomach cancer 1.94 | Chronic kidney disease 0.98 |
| Georgia | Ischemic heart disease 1.29 | Stroke 1.54 | Hypertensive heart disease 4.22 | Total cancers 0.71 | Alzheimer's disease 0.98 | Diabetes 0.7 | COPD 0.64 | Breast cancer 0.99 | Lower respiratory infect 0.39 | Atrial fibrillation 1.05 |
| Kazakhstan | Ischemic heart disease 2.01 | Stroke 2.04 | Total cancers 0.75 | COPD 2.64 | Alzheimer's disease 0.99 | Diabetes 0.83 | Cirrhosis 2.75 | Lower respiratory infect 0.76 | Hypertensive heart disease 0.99 | Cardiomyopathy 2.94 |
| Kyrgyzstan | Ischemic heart disease 1.99 | Stroke 0.77 | Total cancers 0.67 | Alzheimer's disease 0.99 | COPD 1.52 | Hypertensive heart disease 0.52 | Cirrhosis 1.27 | Colorectal cancer 0.73 | Stomach cancer 0.83 | Lower respiratory infect 0.22 |
| Mongolia | Ischemic heart disease 1.49 | Total cancers 2.35 | Stroke 1.3 | Liver cancer 32.42 | Total burden related to hep 16.05 | Cirrhosis 5.49 | Alzheimer's disease 0.98 | Stomach cancer 3.07 | Esophageal cancer 13.24 | Total burden related to hep 8.94 |
| Tajikistan | Ischemic heart disease 2.86 | Stroke 1.52 | Total cancers 1 | Hypertensive heart disease 2.24 | Alzheimer's disease 1 | COPD 1.05 | Lower respiratory infect 0.73 | Diabetes 0.65 | Cirrhosis 1.86 | Stomach cancer 1.89 |
| Turkmenistan | Ischemic heart disease 2.03 | Stroke 1.07 | Total cancers 0.49 | Alzheimer's disease 0.98 | Hypertensive heart disease 0.89 | Cirrhosis 1.98 | COPD 0.5 | Diabetes 0.3 | Chronic kidney disease 0.48 | Atrial fibrillation 0.87 |
| Uzbekistan | Ischemic heart disease 4.63 | Stroke 1.64 | Total cancers 0.86 | Diabetes 0.85 | Hypertensive heart disease 1.56 | Cirrhosis 3.29 | Alzheimer's disease 0.97 | COPD 1.07 | Chronic kidney disease 0.81 | Lower respiratory infect 0.76 |
| Central Europe | Ischemic heart disease 1.52 | Stroke 1.58 | Total cancers 0.96 | Alzheimer's disease 1.01 | Hypertensive heart disease 2.5 | Colorectal cancer 1.09 | Cardiomyopathy 3.58 | Diabetes 0.91 | Breast cancer 0.98 | COPD 0.77 |
| Albania | Stroke 1.53 | Ischemic heart disease 0.92 | Total cancers 0.72 | Alzheimer's disease 1.04 | COPD 0.68 | Lower respiratory infect 0.46 | Other cardiovascular 2.17 | Lung cancer 1.11 | Hypertensive heart disease 0.49 | Colorectal cancer 0.66 |
| Bosnia and Herzegovina | Ischemic heart disease 1.33 | Stroke 1.95 | Total cancers 1.14 | Diabetes 2.37 | Alzheimer's disease 0.98 | Colorectal cancer 1.24 | Cardiomyopathy 4.45 | COPD 0.94 | Hypertensive heart disease 1.01 | Breast cancer 1.14 |
| Bulgaria | Ischemic heart disease 2.02 | Stroke 2.85 | Hypertensive heart disease 7.96 | Total cancers 0.83 | Alzheimer's disease 0.99 | Colorectal cancer 1.11 | Diabetes 0.93 | COPD 0.87 | Breast cancer 0.96 | Other cardiovascular 2.83 |
| Croatia | Ischemic heart disease 1.51 | Stroke 1.41 | Total cancers 1.02 | Alzheimer's disease 1.04 | Hypertensive heart disease 2.51 | Falls 2.87 | Colorectal cancer 1.15 | COPD 0.95 | Breast cancer 0.79 | Diabetes 1.01 |
| Czechia | Ischemic heart disease 1.66 | Total cancers 0.95 | Stroke 1.07 | Alzheimer's disease 1.02 | Diabetes 1.47 | Lower respiratory infect 0.82 | Colorectal cancer 0.97 | Breast cancer 0.91 | COPD 0.79 | Lung cancer 0.95 |
| Hungary | Ischemic heart disease 1.67 | Total cancers 1.06 | Stroke 1.01 | Alzheimer's disease 1.01 | Hypertensive heart disease 3.18 | COPD 1.22 | Colorectal cancer 1.26 | Lung cancer 1.52 | Breast cancer 1.01 | Diabetes 0.86 |
| Montenegro | Stroke 3.94 | Ischemic heart disease 1.38 | Total cancers 0.91 | Cardiomyopathy 9.4 | Alzheimer's disease 1.07 | Diabetes 1.22 | Breast cancer 1.17 | Lung cancer 1.29 | Atrial fibrillation 2.13 | Colorectal cancer 0.81 |
| North Macedonia | Stroke 4.46 | Ischemic heart disease 1.74 | Total cancers 1.13 | Hypertensive heart disease 5.06 | Diabetes 2.63 | Alzheimer's disease 1.07 | Cardiomyopathy 6.52 | COPD 1.2 | Breast cancer 1.34 | Colorectal cancer 1.25 |
| Poland | Ischemic heart disease 1.28 | Total cancers 1.03 | Stroke 1.05 | Alzheimer's disease 1.04 | Colorectal cancer 1.17 | Cardiomyopathy 4.25 | Hypertensive heart disease 1.39 | Lower respiratory infect 0.72 | Lung cancer 1.24 | Breast cancer 0.95 |
| Romania | Ischemic heart disease 1.55 | Stroke 1.99 | Total cancers 0.76 | Hypertensive heart disease 3.35 | Alzheimer's disease 0.97 | Cardiomyopathy 5.4 | COPD 0.76 | Colorectal cancer 0.85 | Breast cancer 0.81 | Lower respiratory infect 0.52 |
| Serbia | Stroke 3.17 | Ischemic heart disease 2 | Total cancers 1.16 | Hypertensive heart disease 3.03 | Diabetes 1.79 | Alzheimer's disease 0.93 | Cardiomyopathy 6.06 | Breast cancer 1.51 | Colorectal cancer 1.21 | COPD 1.09 |
| Slovakia | Ischemic heart disease 2.19 | Total cancers 0.92 | Stroke 1.13 | Alzheimer's disease 1.02 | Lower respiratory infect 1.06 | Colorectal cancer 1.15 | Hypertensive heart disease 1.5 | Breast cancer 0.95 | Diabetes 0.71 | Chronic kidney disease 0.72 |
| Slovenia | Total cancers 0.88 | Ischemic heart disease 0.6 | Stroke 0.78 | Alzheimer's disease 1.04 | Hypertensive heart disease 2.82 | Cardiomyopathy 5.69 | Lower respiratory infect 0.78 | Falls 1.69 | Colorectal cancer 0.87 | Breast cancer 0.98 |
| Eastern Europe | Ischemic heart disease 2.52 | Stroke 2.02 | Total cancers 0.67 | Alzheimer's disease 0.94 | Colorectal cancer 0.86 | COPD 0.59 | Breast cancer 0.66 | Hypertensive heart disease 0.68 | Cardiomyopathy 1.85 | Atrial fibrillation 0.91 |
| Belarus | Ischemic heart disease 2.58 | Stroke 1.3 | Total cancers 0.64 | Alzheimer's disease 0.97 | Colorectal cancer 0.83 | COPD 0.56 | Stomach cancer 1.08 | Atrial fibrillation 0.88 | Breast cancer 0.51 | Alcohol use disorders 51.65 |
| Estonia | Ischemic heart disease 1.63 | Hypertensive heart disease 8.44 | Total cancers 0.88 | Stroke 0.72 | Alzheimer's disease 1.01 | Colorectal cancer 0.98 | Chronic kidney disease 1.29 | Breast cancer 0.74 | Lung cancer 0.73 | Pancreatic cancer 1.04 |
| Latvia | Ischemic heart disease 2.04 | Stroke 2.02 | Total cancers 0.8 | Alzheimer's disease 0.94 | Hypertensive heart disease 1.75 | Colorectal cancer 0.88 | Breast cancer 0.76 | Diabetes 0.62 | Pancreatic cancer 1.01 | COPD 0.42 |
| Lithuania | Ischemic heart disease 2.56 | Stroke 1.47 | Total cancers 0.71 | Alzheimer's disease 0.98 | Colorectal cancer 0.74 | Breast cancer 0.63 | Hypertensive heart disease 0.89 | COPD 0.47 | Pancreatic cancer 0.8 | Atrial fibrillation 0.79 |
| Republic of Moldova | Ischemic heart disease 1.88 | Stroke 0.91 | Total cancers 0.54 | Alzheimer's disease 0.96 | Hypertensive heart disease 2.07 | Cirrhosis 2.61 | COPD 0.67 | Colorectal cancer 0.74 | Breast cancer 0.58 | Atrial fibrillation 0.68 |
| Russian Federation | Ischemic heart disease 2.27 | Stroke 2.4 | Total cancers 0.7 | Alzheimer's disease 0.93 | Colorectal cancer 0.9 | COPD 0.62 | Breast cancer 0.68 | Hypertensive heart disease 0.79 | Diabetes 0.63 | Cardiomyopathy 1.98 |
| Ukraine | Ischemic heart disease 3.24 | Stroke 1.45 | Total cancers 0.57 | Alzheimer's disease 0.97 | Colorectal cancer 0.75 | COPD 0.54 | Atrial fibrillation 1.18 | Breast cancer 0.65 | Cardiomyopathy 2.11 | Stomach cancer 0.74 |
| High-income | Total cancers 0.91 | Ischemic heart disease 0.62 | Alzheimer's disease 1.05 | Stroke 0.67 | Lower respiratory infect 0.97 | COPD 1.24 | Lung cancer 1.2 | Chronic kidney disease 1.31 | Colorectal cancer 0.83 | Hypertensive heart disease 1.1 |
| Australasia | Total cancers 0.91 | Ischemic heart disease 0.64 | Alzheimer's disease 1.04 | Stroke 0.65 | COPD 1.33 | Lung cancer 1.19 | Colorectal cancer 0.87 | Chronic kidney disease 1.23 | Lower respiratory infect 0.65 | Atrial fibrillation 1.48 |
| Australia | Total cancers 0.9 | Ischemic heart disease 0.61 | Alzheimer's disease 1.04 | Stroke 0.63 | COPD 1.28 | Lung cancer 1.16 | Chronic kidney disease 1.27 | Colorectal cancer 0.83 | Lower respiratory infect 0.63 | Atrial fibrillation 1.47 |
| New Zealand | Total cancers 0.97 | Ischemic heart disease 0.8 | Stroke 0.76 | Alzheimer's disease 1.05 | COPD 1.6 | Colorectal cancer 1.13 | Lung cancer 1.35 | Lower respiratory infect 0.76 | Atrial fibrillation 1.5 | Breast cancer 0.86 |
| High-income Asia Pacific | Total cancers 0.76 | Alzheimer's disease 1.22 | Stroke 0.65 | Ischemic heart disease 0.34 | Lower respiratory infect 1.13 | Colorectal cancer 0.75 | Lung cancer 0.88 | Chronic kidney disease 1.03 | Stomach cancer 1.63 | Pancreatic cancer 0.92 |
| Brunei Darussalam | Total cancers 1.46 | Ischemic heart disease 1.26 | Stroke 1.43 | Diabetes 6.03 | COPD 3.14 | Lower respiratory infect 3.13 | Lung cancer 2.62 | Chronic kidney disease 3.19 | Alzheimer's disease 1.11 | Colorectal cancer 1.47 |
| Japan | Total cancers 0.76 | Alzheimer's disease 1.24 | Stroke 0.6 | Ischemic heart disease 0.32 | Lower respiratory infect 1.09 | Colorectal cancer 0.76 | Chronic kidney disease 1.02 | Lung cancer 0.87 | Stomach cancer 1.63 | Pancreatic cancer 0.95 |
| Republic of Korea | Total cancers 0.76 | Stroke 1.02 | Ischemic heart disease 0.48 | Alzheimer's disease 1.1 | Lower respiratory infect 1.23 | Diabetes 1.85 | Lung cancer 0.95 | Colorectal cancer 0.68 | COPD 0.77 | Hypertensive heart disease 1.45 |
| Singapore | Total cancers 0.67 | Lower respiratory infect 3.09 | Ischemic heart disease 0.52 | Alzheimer's disease 1 | Stroke 0.49 | Lung cancer 0.97 | Colorectal cancer 0.81 | Chronic kidney disease 1.21 | Hypertensive heart disease 1.08 | Urinary diseases 2.54 |
| High-income North America | Total cancers 0.95 | Ischemic heart disease 0.88 | Alzheimer's disease 0.98 | Stroke 0.67 | COPD 2.03 | Lung cancer 1.82 | Chronic kidney disease 1.6 | Lower respiratory infect 0.75 | Breast cancer 0.89 | Colorectal cancer 0.71 |
| Canada | Total cancers 0.95 | Ischemic heart disease 0.71 | Alzheimer's disease 0.95 | Stroke 0.6 | Lung cancer 1.66 | COPD 1.41 | Lower respiratory infect 0.79 | Colorectal cancer 0.81 | Breast cancer 0.92 | Falls 1.29 |
| Greenland | Total cancers 1.77 | Ischemic heart disease 0.66 | Stroke 1.01 | COPD 3.98 | Lung cancer 4.87 | Alzheimer's disease 1.03 | Colorectal cancer 1.91 | Lower respiratory infect 1.31 | Falls 4.01 | Pancreatic cancer 2.64 |
| United States of America | Total cancers 0.95 | Ischemic heart disease 0.9 | Alzheimer's disease 0.98 | Stroke 0.67 | COPD 2.11 | Lung cancer 1.83 | Chronic kidney disease 1.65 | Lower respiratory infect 0.74 | Breast cancer 0.89 | Colorectal cancer 0.7 |
| Southern Latin America | Total cancers 1.2 | Ischemic heart disease 0.48 | Lower respiratory infect 2.69 | Stroke 0.52 | Alzheimer's disease 0.95 | Chronic kidney disease 1.77 | COPD 1.38 | Hypertensive heart disease 1.24 | Colorectal cancer 1.32 | Breast cancer 1.38 |
| Argentina | Total cancers 1.21 | Ischemic heart disease 0.53 | Lower respiratory infect 3.38 | Stroke 0.47 | Alzheimer's disease 0.96 | COPD 1.47 | Chronic kidney disease 1.81 | Hypertensive heart disease 1.24 | Breast cancer 1.59 | Colorectal cancer 1.4 |
| Chile | Total cancers 1.13 | Stroke 0.63 | Ischemic heart disease 0.35 | Alzheimer's disease 0.93 | Lower respiratory infect 1.27 | Chronic kidney disease 1.87 | COPD 1.21 | Hypertensive heart disease 1.44 | Diabetes 1.06 | Colorectal cancer 1.01 |
| Uruguay | Total cancers 1.43 | Stroke 0.66 | Ischemic heart disease 0.39 | Alzheimer's disease 0.95 | Lower respiratory infect 1.38 | Colorectal cancer 1.86 | COPD 1.14 | Breast cancer 1.76 | Chronic kidney disease 1.06 | Hypertensive heart disease 0.83 |
| Western Europe | Total cancers 0.95 | Ischemic heart disease 0.63 | Stroke 0.71 | Alzheimer's disease 0.99 | COPD 1.71 | Lower respiratory infect 0.89 | Hypertensive heart disease 2.21 | Colorectal cancer 0.92 | Chronic kidney disease 1.25 | Breast cancer 1.06 |
| Andorra | Total cancers 0.8 | Ischemic heart disease 0.62 | Alzheimer's disease 0.97 | Stroke 0.56 | Falls 2.16 | Hypertensive heart disease 2.21 | Lower respiratory infect 0.91 | COPD 1.11 | Chronic kidney disease 1.37 | Colorectal cancer 0.68 |
| Austria | Ischemic heart disease 0.98 | Total cancers 0.83 | Alzheimer's disease 0.95 | Stroke 0.55 | Hypertensive heart disease 2.33 | Chronic kidney disease 3.06 | COPD 0.84 | Breast cancer 0.99 | Diabetes 1.19 | Cardiomyopathy 2.85 |
| Belgium | Total cancers 0.96 | Ischemic heart disease 0.52 | Stroke 0.73 | Alzheimer's disease 0.97 | Lower respiratory infect 1.39 | COPD 1.32 | Breast cancer 1.24 | Colorectal cancer 0.94 | Chronic kidney disease 1.33 | Falls 1.5 |
| Cyprus | Total cancers 0.5 | Ischemic heart disease 0.99 | Stroke 1.1 | Diabetes 3.29 | Alzheimer's disease 1.05 | COPD 1.69 | Chronic kidney disease 2.41 | Hypertensive heart disease 2.43 | Breast cancer 1.2 | Nonheum valv diseases 3.12 |
| Denmark | Total cancers 1.13 | Ischemic heart disease 0.69 | Stroke 0.85 | COPD 2.48 | Alzheimer's disease 0.93 | Lung cancer 1.73 | Lower respiratory infect 1.3 | Colorectal cancer 1.12 | Breast cancer 1.24 | Diabetes 1.24 |
| Finland | Ischemic heart disease 1.15 | Total cancers 0.85 | Stroke 0.87 | Alzheimer's disease 0.95 | Hypertensive heart disease 1.64 | Breast cancer 0.82 | Colorectal cancer 0.64 | Lung cancer 0.77 | Falls 1.16 | Pancreatic cancer 1.18 |
| France | Total cancers 0.9 | Alzheimer's disease 1.03 | Ischemic heart disease 0.4 | Stroke 0.52 | Lower respiratory infect 0.8 | Colorectal cancer 0.91 | Falls 1.61 | Breast cancer 1.06 | COPD 0.61 | Chronic kidney disease 0.76 |
| Germany | Ischemic heart disease 1.05 | Total cancers 0.91 | Stroke 0.81 | Alzheimer's disease 0.95 | Hypertensive heart disease 3.15 | Chronic kidney disease 2.18 | COPD 1.07 | Colorectal cancer 0.9 | Breast cancer 1.07 | Lower respiratory infect 0.64 |
| Greece | Ischemic heart disease 0.88 | Stroke 1.39 | Total cancers 0.99 | Alzheimer's disease 0.96 | Lower respiratory infect 1.33 | COPD 1.38 | Chronic kidney disease 1.66 | Hypertensive heart disease 1.4 | Breast cancer 1.3 | Colorectal cancer 0.9 |
| Iceland | Total cancers 0.76 | Ischemic heart disease 0.64 | Alzheimer's disease 0.96 | Stroke 0.51 | Lower respiratory infect 1 | COPD 1.26 | Lung cancer 1.35 | Breast cancer 0.71 | Colorectal cancer 0.55 | Atrial fibrillation 1.02 |
| Ireland | Total cancers 1.03 | Ischemic heart disease 0.83 | Stroke 0.76 | Alzheimer's disease 0.99 | Lower respiratory infect 1.69 | COPD 2.09 | Lung cancer 1.48 | Colorectal cancer 0.86 | Breast cancer 1.05 | Chronic kidney disease 1.05 |
| Israel | Total cancers 1.04 | Ischemic heart disease 0.48 | Stroke 0.96 | Alzheimer's disease 0.51 | Diabetes 1.98 | Chronic kidney disease 2.17 | Lower respiratory infect 0.88 | Colorectal cancer 1.06 | Breast cancer 1.22 | COPD 0.9 |
| Italy | Total cancers 0.93 | Ischemic heart disease 0.56 | Stroke 0.71 | Alzheimer's disease 1.05 | Hypertensive heart disease 2.15 | Diabetes 1.14 | COPD 0.88 | Colorectal cancer 0.85 | Breast cancer 1 | Chronic kidney disease 0.97 |
| Luxembourg | Total cancers 0.85 | Ischemic heart disease 0.67 | Stroke 0.77 | Alzheimer's disease 0.91 | COPD 1.2 | Lower respiratory infect 0.8 | Chronic kidney disease 1.39 | Colorectal cancer 0.81 | Breast cancer 1.01 | Lung cancer 0.8 |
| Malta | Ischemic heart disease 0.85 | Total cancers 0.74 | Stroke 0.59 | Alzheimer's disease 0.94 | Lower respiratory infect 1.19 | Diabetes 1.02 | Breast cancer 1.03 | Chronic kidney disease 1.03 | Colorectal cancer 0.73 | Hypertensive heart disease 0.65 |
| Monaco | Total cancers 1.54 | Ischemic heart disease 0.88 | Stroke 1.05 | Alzheimer's disease 0.98 | Lung cancer 1.99 | Lower respiratory infect 1.31 | Breast cancer 1.52 | Colorectal cancer 1.1 | Pancreatic cancer 2 | COPD 0.92 |
| Netherlands | Total cancers 1.13 | Ischemic heart disease 0.55 | Stroke 0.87 | Alzheimer's disease 1.01 | COPD 1.74 | Lower respiratory infect 1.15 | Colorectal cancer 1.13 | Lung cancer 1.31 | Breast cancer 1.26 | Falls 1.68 |
| Norway | Total cancers 0.89 | Ischemic heart disease 0.74 | Stroke 0.83 | Alzheimer's disease 1 | Lower respiratory infect 1.25 | COPD 1.61 | Colorectal cancer 1.02 | Falls 1.44 | Lung cancer 1.03 | Atrial fibrillation 1.28 |
| Portugal | Stroke 0.86 | Total cancers 0.9 | Ischemic heart disease 0.38 | Alzheimer's disease 0.95 | Lower respiratory infect 1.57 | COPD 1.25 | Diabetes 1.08 | Chronic kidney disease 1.34 | Colorectal cancer 1.09 | Hypertensive heart disease 0.81 |
| San Marino | Total cancers 1.1 | Ischemic heart disease 0.57 | Stroke 0.89 | Alzheimer's disease 1.01 | Colorectal cancer 1.04 | Hypertensive heart disease 1.54 | Other cardiovascular 3.99 | Stomach cancer 2.56 | COPD 0.85 | Breast cancer 0.96 |
| Spain | Total cancers 0.85 | Ischemic heart disease 0.39 | Stroke 0.53 | Alzheimer's disease 0.99 | COPD 1.32 | Chronic kidney disease 1.32 | Lower respiratory infect 0.67 | Colorectal cancer 1.04 | Hypertensive heart disease 0.97 | Diabetes 0.77 |
| Sweden | Total cancers 0.92 | Ischemic heart disease 0.89 | Stroke 0.81 | Alzheimer's disease 0.93 | | | | | | |

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|------------------------------------|------------------------|--------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|
| Latin America and Caribbean | Ischemic heart disease | Total cancers | Stroke | Alzheimer's disease | Diabetes | Lower respiratory infect | COPD | Chronic kidney disease | Hypertensive heart disease | Colorectal cancer |
| | 0.46 | 0.92 | 0.42 | 1 | 1.13 | 1.41 | 1.39 | 1.43 | 0.73 | 0.83 |
| Andean Latin America | Total cancers | Ischemic heart disease | Lower respiratory infect | Stroke | Chronic kidney disease | Alzheimer's disease | Diabetes | Stomach cancer | COPD | Cirrhosis |
| | 1.2 | 0.37 | 2.57 | 0.32 | 2.01 | 0.92 | 0.84 | 2.42 | 0.89 | 1.98 |
| Bolivia (Plurinational State of) | Total cancers | Ischemic heart disease | Lower respiratory infect | Stroke | Diabetes | Chronic kidney disease | COPD | Stomach cancer | Alzheimer's disease | Cirrhosis |
| | 1.85 | 0.67 | 2.92 | 0.6 | 1.56 | 2.59 | 1.59 | 4.01 | 1 | 2.38 |
| Ecuador | Total cancers | Ischemic heart disease | Stroke | Chronic kidney disease | Lower respiratory infect | Diabetes | Alzheimer's disease | Hypertensive heart disease | COPD | Cirrhosis |
| | 1.23 | 0.43 | 0.38 | 2.68 | 1.87 | 1.17 | 0.95 | 1.29 | 1.17 | 2.39 |
| Peru | Total cancers | Lower respiratory infect | Ischemic heart disease | Alzheimer's disease | Stroke | Chronic kidney disease | Stomach cancer | Diabetes | Interstitial lung disease | Cirrhosis |
| | 1.05 | 2.75 | 0.29 | 0.9 | 0.23 | 1.58 | 2.09 | 0.49 | 13.73 | 1.67 |
| Caribbean | Ischemic heart disease | Total cancers | Stroke | Diabetes | Alzheimer's disease | Lower respiratory infect | Hypertensive heart disease | COPD | Chronic kidney disease | Falls |
| | 0.72 | 0.98 | 0.7 | 1.4 | 0.86 | 1.27 | 1.02 | 0.85 | 1.05 | 2.88 |
| Antigua and Barbuda | Ischemic heart disease | Total cancers | Stroke | Diabetes | Lower respiratory infect | Hypertensive heart disease | Chronic kidney disease | Alzheimer's disease | Breast cancer | Colorectal cancer |
| | 0.77 | 1.13 | 1.02 | 3.84 | 2.14 | 2.86 | 2.52 | 0.93 | 1.61 | 1.36 |
| Bahamas | Total cancers | Ischemic heart disease | Stroke | Hypertensive heart disease | Diabetes | Alzheimer's disease | Lower respiratory infect | Chronic kidney disease | Breast cancer | Colorectal cancer |
| | 0.87 | 0.71 | 0.91 | 5.14 | 2.81 | 0.89 | 1.38 | 1.83 | 1.47 | 0.92 |
| Barbados | Total cancers | Stroke | Ischemic heart disease | Diabetes | Lower respiratory infect | Alzheimer's disease | Breast cancer | Colorectal cancer | Chronic kidney disease | Decubitus ulcer |
| | 1.32 | 0.98 | 0.59 | 4.13 | 2.1 | 0.9 | 1.87 | 1.68 | 1.62 | 52.36 |
| Belize | Ischemic heart disease | Total cancers | Diabetes | Stroke | Lower respiratory infect | Alzheimer's disease | Chronic kidney disease | Hypertensive heart disease | COPD | Other cardiovascular |
| | 0.42 | 0.81 | 1.71 | 0.43 | 1.66 | 0.89 | 1.46 | 0.93 | 0.54 | 2.1 |
| Bermuda | Total cancers | Ischemic heart disease | Alzheimer's disease | Stroke | Colorectal cancer | Diabetes | Lower respiratory infect | Breast cancer | Lung cancer | Chronic kidney disease |
| | 0.91 | 0.63 | 0.92 | 0.49 | 1.1 | 1.27 | 0.76 | 1.17 | 1.02 | 0.99 |
| Cuba | Ischemic heart disease | Total cancers | Stroke | Lower respiratory infect | Alzheimer's disease | Falls | Colorectal cancer | COPD | Lung cancer | Hypertensive heart disease |
| | 0.67 | 1.13 | 0.53 | 1.79 | 0.85 | 6.8 | 1.54 | 0.94 | 2.39 | 0.67 |
| Dominica | Total cancers | Ischemic heart disease | Stroke | Diabetes | Hypertensive heart disease | Chronic kidney disease | Alzheimer's disease | Lower respiratory infect | Other cardiovascular | Breast cancer |
| | 1.34 | 0.75 | 0.99 | 3.73 | 3.7 | 2.77 | 0.92 | 1.64 | 5.06 | 1.62 |
| Dominican Republic | Ischemic heart disease | Stroke | Total cancers | Alzheimer's disease | Diabetes | Hypertensive heart disease | Lower respiratory infect | Chronic kidney disease | Cirrhosis | COPD |
| | 0.87 | 0.69 | 0.95 | 0.88 | 0.8 | 0.98 | 0.8 | 0.96 | 1.91 | 0.63 |
| Grenada | Stroke | Total cancers | Ischemic heart disease | Diabetes | Lower respiratory infect | Chronic kidney disease | Alzheimer's disease | Hypertensive heart disease | Breast cancer | Colorectal cancer |
| | 0.93 | 1.31 | 0.6 | 2.78 | 2.76 | 2.07 | 0.9 | 1.69 | 1.55 | 1.36 |
| Guyana | Ischemic heart disease | Stroke | Diabetes | Total cancers | Hypertensive heart disease | Lower respiratory infect | Chronic kidney disease | Alzheimer's disease | Breast cancer | Colorectal cancer |
| | 0.95 | 1.21 | 2.53 | 0.95 | 2.62 | 1.96 | 1.67 | 0.86 | 1.12 | 1.06 |
| Haiti | Ischemic heart disease | Stroke | Total cancers | Diabetes | Lower respiratory infect | Hypertensive heart disease | COPD | Alzheimer's disease | Chronic kidney disease | Breast cancer |
| | 1.41 | 1.58 | 1.23 | 2.38 | 1.27 | 1.46 | 0.86 | 0.83 | 0.98 | 1.59 |
| Jamaica | Stroke | Diabetes | Ischemic heart disease | Total cancers | Alzheimer's disease | Hypertensive heart disease | Lower respiratory infect | Chronic kidney disease | Breast cancer | Colorectal cancer |
| | 0.92 | 3.61 | 0.39 | 0.94 | 0.84 | 1.49 | 0.7 | 1.09 | 1.25 | 1.01 |
| Puerto Rico | Ischemic heart disease | Total cancers | Diabetes | Alzheimer's disease | Stroke | Chronic kidney disease | COPD | Lower respiratory infect | Hypertensive heart disease | Colorectal cancer |
| | 0.51 | 0.65 | 3.32 | 0.88 | 0.38 | 1.94 | 1.25 | 0.8 | 1.07 | 0.74 |
| Saint Kitts and Nevis | Stroke | Ischemic heart disease | Total cancers | Diabetes | Lower respiratory infect | Chronic kidney disease | Alzheimer's disease | Hypertensive heart disease | Breast cancer | Colorectal cancer |
| | 1.75 | 0.77 | 1.16 | 2.99 | 2.11 | 3.1 | 0.87 | 1.97 | 1.61 | 1.08 |
| Saint Lucia | Stroke | Total cancers | Ischemic heart disease | Diabetes | Alzheimer's disease | Lower respiratory infect | Hypertensive heart disease | Chronic kidney disease | COPD | Breast cancer |
| | 0.83 | 0.96 | 0.38 | 2.37 | 0.91 | 1.32 | 1.5 | 1.49 | 0.66 | 1.06 |
| Saint Vincent and the Grenadines | Ischemic heart disease | Stroke | Total cancers | Diabetes | Hypertensive heart disease | Lower respiratory infect | Alzheimer's disease | Chronic kidney disease | Breast cancer | Other cardiovascular |
| | 0.85 | 0.84 | 1.25 | 2.8 | 2.08 | 1.52 | 0.86 | 1.58 | 1.66 | 3.08 |
| Suriname | Stroke | Ischemic heart disease | Total cancers | Diabetes | Alzheimer's disease | Chronic kidney disease | Lower respiratory infect | Hypertensive heart disease | COPD | Colorectal cancer |
| | 0.8 | 0.5 | 0.93 | 1.23 | 0.91 | 1.81 | 1.14 | 1.22 | 0.64 | 1.12 |
| Trinidad and Tobago | Ischemic heart disease | Diabetes | Stroke | Total cancers | Alzheimer's disease | Chronic kidney disease | Hypertensive heart disease | Lower respiratory infect | Breast cancer | Colorectal cancer |
| | 0.86 | 5.05 | 0.9 | 0.75 | 0.86 | 1.6 | 1.35 | 0.76 | 1.05 | 0.8 |
| United States Virgin Islands | Ischemic heart disease | Total cancers | Stroke | Diabetes | Alzheimer's disease | Hypertensive heart disease | Chronic kidney disease | Colorectal cancer | Breast cancer | Lung cancer |
| | 1.51 | 1.1 | 0.84 | 3.18 | 0.94 | 2.66 | 2.13 | 1.4 | 1.43 | 1.11 |
| Central Latin America | Ischemic heart disease | Total cancers | Stroke | Diabetes | Alzheimer's disease | Chronic kidney disease | COPD | Lower respiratory infect | Hypertensive heart disease | Cirrhosis |
| | 0.55 | 0.86 | 0.34 | 1.31 | 0.99 | 1.94 | 1.56 | 0.77 | 0.67 | 1.47 |
| Colombia | Ischemic heart disease | Total cancers | Alzheimer's disease | COPD | Stroke | Chronic kidney disease | Hypertensive heart disease | Diabetes | Lower respiratory infect | Stomach cancer |
| | 0.42 | 0.85 | 0.97 | 1.7 | 0.27 | 0.82 | 0.82 | 0.54 | 0.54 | 1.13 |
| Costa Rica | Total cancers | Ischemic heart disease | Alzheimer's disease | Stroke | COPD | Chronic kidney disease | Hypertensive heart disease | Colorectal cancer | Stomach cancer | Lower respiratory infect |
| | 1.02 | 0.4 | 1.01 | 0.31 | 1.56 | 1.37 | 0.84 | 1.08 | 1.76 | 0.54 |
| El Salvador | Ischemic heart disease | Total cancers | Alzheimer's disease | Stroke | Chronic kidney disease | Lower respiratory infect | Diabetes | COPD | Stomach cancer | Cirrhosis |
| | 0.58 | 0.93 | 0.56 | 0.29 | 0.99 | 1.09 | 0.68 | 0.87 | 1.45 | 1.15 |
| Guatemala | Ischemic heart disease | Total cancers | Lower respiratory infect | Diabetes | Stroke | Chronic kidney disease | Alzheimer's disease | Stomach cancer | COPD | Cirrhosis |
| | 0.62 | 1.08 | 2.03 | 1.48 | 0.38 | 1.8 | 0.98 | 2.83 | 0.68 | 1.42 |
| Honduras | Ischemic heart disease | Stroke | Total cancers | COPD | Chronic kidney disease | Cirrhosis | Alzheimer's disease | Lung cancer | Hypertensive heart disease | Upper digest diseases |
| | 0.97 | 0.94 | 1.4 | 1.79 | 2.07 | 2.57 | 1.08 | 3.28 | 0.69 | 3.36 |
| Mexico | Ischemic heart disease | Total cancers | Diabetes | Chronic kidney disease | Stroke | COPD | Alzheimer's disease | Lower respiratory infect | Cirrhosis | Hypertensive heart disease |
| | 0.59 | 0.79 | 1.95 | 2.82 | 0.32 | 1.87 | 1.01 | 0.79 | 2.17 | 1.65 |
| Nicaragua | Ischemic heart disease | Total cancers | Stroke | Chronic kidney disease | Diabetes | COPD | Alzheimer's disease | Hypertensive heart disease | Cirrhosis | Lower respiratory infect |
| | 0.95 | 1.07 | 0.49 | 2.29 | 1.34 | 1.17 | 1 | 0.83 | 1.31 | 0.49 |
| Panama | Ischemic heart disease | Total cancers | Stroke | Alzheimer's disease | Diabetes | COPD | Chronic kidney disease | Lower respiratory infect | Colorectal cancer | Hypertensive heart disease |
| | 0.36 | 0.76 | 0.43 | 0.98 | 1.28 | 1.13 | 1.29 | 0.72 | 0.77 | 0.5 |
| Venezuela (Bolivarian Republic of) | Ischemic heart disease | Total cancers | Stroke | Alzheimer's disease | Diabetes | Chronic kidney disease | Hypertensive heart disease | COPD | Lower respiratory infect | Lung cancer |
| | 0.6 | 0.98 | 0.44 | 0.99 | 1.01 | 1.36 | 1.04 | 1.04 | 0.68 | 1.63 |
| Tropical Latin America | Total cancers | Ischemic heart disease | Stroke | Lower respiratory infect | Alzheimer's disease | Diabetes | COPD | Hypertensive heart disease | Chronic kidney disease | Urinary diseases |
| | 0.9 | 0.35 | 0.45 | 1.81 | 1.06 | 0.97 | 1.46 | 0.75 | 0.9 | 5.26 |
| Brazil | Total cancers | Ischemic heart disease | Stroke | Lower respiratory infect | Alzheimer's disease | COPD | Diabetes | Hypertensive heart disease | Chronic kidney disease | Urinary diseases |
| | 0.9 | 0.34 | 0.45 | 1.82 | 1.06 | 1.48 | 0.95 | 0.74 | 0.88 | 5.32 |
| Paraguay | Ischemic heart disease | Total cancers | Stroke | Diabetes | Alzheimer's disease | Lower respiratory infect | Chronic kidney disease | Hypertensive heart disease | COPD | Colorectal cancer |
| | 0.42 | 0.88 | 0.5 | 1.56 | 1.03 | 1.15 | 1.44 | 0.94 | 0.67 | 0.9 |
| North Africa and Middle East | Ischemic heart disease | Stroke | Total cancers | Hypertensive heart disease | Alzheimer's disease | Chronic kidney disease | Diabetes | Cirrhosis | COPD | Lower respiratory infect |
| | 1.47 | 1.01 | 0.75 | 2.31 | 1.13 | 2.05 | 1.13 | 3.1 | 1.21 | 0.92 |
| North Africa and Middle East | Ischemic heart disease | Stroke | Total cancers | Hypertensive heart disease | Alzheimer's disease | Chronic kidney disease | Diabetes | Cirrhosis | COPD | Lower respiratory infect |
| | 1.47 | 1.01 | 0.75 | 2.31 | 1.13 | 2.05 | 1.13 | 3.1 | 1.21 | 0.92 |
| Afghanistan | Ischemic heart disease | Stroke | Total cancers | Conflict & terror | Hypertensive heart disease | Diabetes | Chronic kidney disease | COPD | Lower respiratory infect | Alzheimer's disease |
| | 2.25 | 1.41 | 1.57 | 2868.46 | 2.4 | 1.52 | 1.97 | 1.25 | 0.68 | 1.25 |
| Algeria | Ischemic heart disease | Stroke | Total cancers | Hypertensive heart disease | Chronic kidney disease | Alzheimer's disease | Diabetes | Lower respiratory infect | COPD | Cirrhosis |
| | 1.62 | 1.12 | 0.63 | 2.6 | 2.31 | 1.19 | 0.76 | 1.23 | 1.07 | 1.43 |
| Bahrain | Ischemic heart disease | Diabetes | Total cancers | Stroke | Chronic kidney disease | COPD | Alzheimer's disease | Lower respiratory infect | Breast cancer | Cirrhosis |
| | 1.52 | 9.01 | 1.02 | 0.93 | 3.47 | 2.01 | 1.27 | 1.44 | 1.46 | 3 |
| Egypt | Ischemic heart disease | Cirrhosis | Stroke | Hypertensive heart disease | Total burden related to hep | Chronic kidney disease | Total cancers | Diabetes | Total burden related to hep | Lower respiratory infect |
| | 2.79 | 19.78 | 1.04 | 3.83 | 22.35 | 3.8 | 0.68 | 1.29 | 20.47 | 1.74 |
| Iran (Islamic Republic of) | Ischemic heart disease | Stroke | Total cancers | Hypertensive heart disease | Alzheimer's disease | Diabetes | Chronic kidney disease | COPD | Lower respiratory infect | Stomach cancer |
| | 1.14 | 0.78 | 0.79 | 2.32 | 1.12 | 1.02 | 1.42 | 1.16 | 0.85 | 1.53 |
| Iraq | Ischemic heart disease | Stroke | Total cancers | Diabetes | Chronic kidney disease | Alzheimer's disease | Hypertensive heart disease | Breast cancer | Lower respiratory infect | Lung cancer |
| | 1.44 | 1.35 | 0.67 | 1.56 | 2.3 | 1.09 | 1.3 | 0.69 | 0.43 | 0.96 |
| Jordan | Ischemic heart disease | Stroke | Total cancers | Hypertensive heart disease | Diabetes | Chronic kidney disease | Alzheimer's disease | Lower respiratory infect | Breast cancer | Colorectal cancer |
| | 1 | 1.24 | 0.72 | 4.49 | 2.5 | 3.45 | 1.11 | 1.03 | 0.9 | 0.8 |
| Kuwait | Ischemic heart disease | Total cancers | Stroke | Alzheimer's disease | Lower respiratory infect | Hypertensive heart disease | Diabetes | Chronic kidney disease | Breast cancer | Colorectal cancer |
| | 0.74 | 0.5 | 0.79 | 1.1 | 1.81 | 2.98 | 2.01 | 1.82 | 0.61 | 0.49 |
| Lebanon | Ischemic heart disease | Total cancers | Stroke | Alzheimer's disease | Hypertensive heart disease | Chronic kidney disease | Breast cancer | Colorectal cancer | Lower respiratory infect | COPD |
| | 1.41 | 1.1 | 0.46 | 1.21 | 2.12 | 1.8 | 1.63 | 1.16 | 0.76 | 0.81 |
| Libya | Ischemic heart disease | Stroke | Total cancers | Alzheimer's disease | Chronic kidney disease | Hypertensive heart disease | Diabetes | Lower respiratory infect | COPD | Cirrhosis |
| | 1.08 | 0.82 | 0.66 | 1.26 | 2.32 | 1.92 | 0.85 | 0.85 | 0.8 | 1.82 |
| Morocco | Ischemic heart disease | Stroke | Hypertensive heart disease | Total cancers | Chronic kidney disease | Alzheimer's disease | Diabetes | Lower respiratory infect | COPD | Tuberculosis |
| | 1.61 | 1.07 | 1.81 | 0.62 | 1.71 | 1.03 | 0.7 | 0.67 | 0.68 | 3.29 |
| Oman | Ischemic heart disease | Stroke | Total cancers | Diabetes | Lower respiratory infect | Hypertensive heart disease | Alzheimer's disease | Chronic kidney disease | COPD | Other cardiovascular |
| | 3.61 | 1.89 | 0.82 | 4.62 | 2.77 | 3.69 | 1.35 | 2.25 | 1.46 | 3.93 |
| Palestine | Ischemic heart disease | Stroke | Total cancers | Diabetes | Hypertensive heart disease | Alzheimer's disease | Chronic kidney disease | Lower respiratory infect | Cirrhosis | Colorectal cancer |
| | 1.17 | 1.22 | 1.13 | 2.28 | 2.06 | 1.07 | 1.66 | 0.96 | 1.6 | 1.51 |
| Qatar | Ischemic heart disease | Diabetes | Total cancers | Chronic kidney disease | Stroke | Cirrhosis | Lower respiratory infect | Breast cancer | Colorectal cancer | COPD |
| | 4.99 | 17.7 | 1.57 | 10.31 | 1.75 | 7.64 | 3.4 | 2.05 | 1.77 | 1.73 |
| Saudi Arabia | Ischemic heart disease | Stroke | Chronic kidney disease | Total cancers | Alzheimer's disease | Lower respiratory infect | Cirrhosis | COPD | Diabetes | Total burden related to hep |
| | 1.74 | 1.82 | 5.17 | 0.56 | 1.19 | 1.68 | 5.88 | 1.34 | 1.39 | 6.22 |
| Sudan | Ischemic heart disease | Stroke | Hypertensive heart disease | Total cancers | Alzheimer's disease | Chronic kidney disease | Lower respiratory infect | COPD | Diabetes | Cirrhosis |
| | 1.65 | 1.23 | 1.87 | 0.69 | 0.98 | 1.22 | 0.64 | 0.67 | 0.48 | 1.18 |
| Syrian Arab Republic | Ischemic heart disease | Stroke | Conflict & terror | Total cancers | Chronic kidney disease | Alzheimer's disease | Diabetes | COPD | Lower respiratory infect | Cirrhosis |
| | 2.21 | 0.98 | 4346.82 | 0.66 | 1.69 | 1.18 | 0.63 | 1.06 | 0.99 | 1.99 |
| Tunisia | Ischemic heart disease | Stroke | Total cancers | Alzheimer's disease | Hypertensive heart disease | Chronic kidney disease | Lower respiratory infect | Diabetes | COPD | Colorectal cancer |
| | 1.14 | 0.84 | 0.56 | 1.14 | 1.89 | 1.64 | 0.79 | 0.58 | 0.78 | 0.71 |
| Turkey | Ischemic heart disease | Stroke | Total cancers | Alzheimer's disease | Hypertensive heart disease | COPD | Diabetes | Chronic kidney disease | Lower respiratory infect | Colorectal cancer |
| | 1 | 0.95 | 0.79 | 1.17 | 2.52 | 1.83 | 1.71 | 2.08 | 0.98 | 0.79 |
| United Arab Emirates | Ischemic heart disease | Total cancers | Stroke | Diabetes | Chronic kidney disease | Lower respiratory infect | Hypertensive heart disease | Alzheimer's disease | COPD | Colorectal cancer |
| | 2.61 | 0.87 | 2.53 | 7.35 | 7.73 | 4.46 | 7.92 | 1.27 | 1.61 | 0.87 |
| Yemen | Ischemic heart disease | Stroke | Hypertensive heart disease | Total cancers | Alzheimer's disease | COPD | Lower respiratory infect | Chronic kidney disease | Asthma | Diabetes |
| | 1.9 | 1.21 | 2.06 | 0.74 | 1.05 | 0.88 | 0.56 | 0.9 | 1.22 | 0.48 |
| South Asia | Ischemic heart disease | COPD | Diarrheal diseases | Stroke | Total cancers | Lower respiratory infect | Diabetes | Falls | Alzheimer's disease | Asthma |
| | 0.72 | 3.62 | 14.84 | 0.61 | 0.75 | 1.1 | 0.77 | 5.51 | 0.79 | 2.8 |
| South Asia | Ischemic heart disease | COPD | Diarrheal diseases | Stroke | Total cancers | Lower respiratory infect | Diabetes | Falls | Alzheimer's disease | Asthma |
| | 0.72 | 3.62 | 14.84 | 0.61 | 0.75 | 1.1 | 0.77 | 5.51 | 0.79 | 2.8 |
| Bangladesh | Stroke | Ischemic heart disease | Total cancers | Diarrheal diseases | COPD | Diabetes | Lower respiratory infect | Alzheimer's disease | Hypertensive heart disease | Tuberculosis |
| | 1.24 | 0.64 | 0.65 | 3.21 | 1.3 | 0.59 | 0.59 | 0.73 | 0.7 | 1.26 |
| Bhutan | COPD | Ischemic heart disease | Stroke | Total cancers | Diabetes | Lower respiratory infect | Alzheimer's disease | Diarrheal diseases | Chronic kidney disease | Falls |
| | 4.14 | 0.81 | 0.63 | 0.92 | | | | | | |

| | | | | | | | | | | |
|----------------------------------|--------------------------------|----------------------------------|------------------------------------|------------------------------------|-------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Samoa | Ischemic heart disease 1.13 | Stroke 1.08 | Diabetes 2.55 | Total cancers 0.88 | COPD 2.66 | Lower respiratory infect 2.08 | Alzheimer's disease 1.23 | Chronic kidney disease 1.93 | Hypertensive heart disease 1.33 | Asthma 6.41 |
| Solomon Islands | Stroke 2.61 | Ischemic heart disease 2.08 | Lower respiratory infect 2.66 | Diarrheal diseases 5.39 | Total cancers 1.42 | Diabetes 2.91 | COPD 2.13 | Asthma 2.48 | Hypertensive heart disease 1.08 | Falls 5.75 |
| Tokelau | Ischemic heart disease 1.13 | Stroke 1.04 | Diabetes 3.29 | Total cancers 1.22 | COPD 2.3 | Lower respiratory infect 1.9 | Alzheimer's disease 1.14 | Chronic kidney disease 1.92 | Hypertensive heart disease 1.23 | Asthma 5.06 |
| Tonga | Ischemic heart disease 0.51 | Diabetes 2.88 | Stroke 0.67 | Total cancers 1.12 | Alzheimer's disease 1.09 | Lower respiratory infect 1.58 | Chronic kidney disease 1.61 | COPD 1.1 | Breast cancer 1.58 | Asthma 2.98 |
| Tuvalu | Ischemic heart disease 1.28 | Stroke 1.21 | Diabetes 3.15 | Total cancers 1.2 | COPD 2.22 | Lower respiratory infect 1.84 | Chronic kidney disease 1.72 | Alzheimer's disease 1.14 | Hypertensive heart disease 1.32 | Asthma 4.4 |
| Vanuatu | Ischemic heart disease 1.69 | Stroke 1.46 | Total cancers 1.05 | Diabetes 2.16 | COPD 1.73 | Diarrheal diseases 4.4 | Lower respiratory infect 1.23 | Chronic kidney disease 1.46 | Asthma 2.86 | Hypertensive heart disease 1.03 |
| Southeast Asia | Stroke 1.25 | Ischemic heart disease 0.61 | Total cancers 0.87 | Lower respiratory infect 1.74 | Diabetes 1.19 | Alzheimer's disease 1.07 | COPD 1.43 | Hypertensive heart disease 1.21 | Chronic kidney disease 1.37 | Cirrhosis 2.11 |
| Cambodia | Stroke 1.39 | Ischemic heart disease 0.7 | Lower respiratory infect 2.54 | Total cancers 0.97 | Cirrhosis 2.73 | Alzheimer's disease 1.09 | Diabetes 0.92 | COPD 0.92 | Hypertensive heart disease 0.96 | Tuberculosis 2.58 |
| Indonesia | Stroke 1.91 | Ischemic heart disease 0.77 | Total cancers 0.89 | Diabetes 1.29 | Hypertensive heart disease 1.99 | Diarrheal diseases 41.01 | Cirrhosis 4.53 | COPD 1.88 | Alzheimer's disease 1.03 | Lower respiratory infect 1.26 |
| Lao People's Democratic Republic | Stroke 1.41 | Ischemic heart disease 1.01 | Total cancers 0.93 | Lower respiratory infect 1.59 | Diabetes 1.18 | COPD 1.19 | Hypertensive heart disease 1.14 | Chronic kidney disease 1.43 | Alzheimer's disease 0.97 | Diarrheal diseases 1.78 |
| Malaysia | Ischemic heart disease 1.1 | Lower respiratory infect 6.1 | Stroke 1.26 | Total cancers 1.02 | Alzheimer's disease 1.02 | Chronic kidney disease 2.18 | COPD 1.42 | Colorectal cancer 1.39 | Urinary diseases 6.68 | Diabetes 0.86 |
| Maldives | Ischemic heart disease 0.68 | Total cancers 0.88 | Stroke 0.5 | COPD 2.02 | Chronic kidney disease 1.95 | Alzheimer's disease 1.01 | Diabetes 0.56 | Lower respiratory infect 0.57 | Hypertensive heart disease 0.46 | Colorectal cancer 1.22 |
| Mauritius | Ischemic heart disease 0.64 | Diabetes 4.34 | Stroke 0.64 | Total cancers 0.67 | Chronic kidney disease 3.74 | Alzheimer's disease 1 | Hypertensive heart disease 2.13 | Lower respiratory infect 0.84 | COPD 0.82 | Breast cancer 0.89 |
| Myanmar | Stroke 1.78 | Ischemic heart disease 0.64 | Total cancers 0.99 | COPD 2.18 | Diabetes 1.29 | Lower respiratory infect 1 | Alzheimer's disease 0.99 | Hypertensive heart disease 0.93 | Asthma 2.39 | Chronic kidney disease 0.91 |
| Philippines | Ischemic heart disease 0.75 | Stroke 0.81 | Lower respiratory infect 4.17 | Total cancers 0.78 | Hypertensive heart disease 1.75 | Diabetes 1.03 | Chronic kidney disease 1.82 | Alzheimer's disease 1.02 | COPD 1.06 | Tuberculosis 9.7 |
| Seychelles | Ischemic heart disease 0.74 | Total cancers 1.15 | Lower respiratory infect 3.79 | Stroke 0.78 | Hypertensive heart disease 4.05 | Chronic kidney disease 3.23 | Alzheimer's disease 1.03 | Diabetes 1.39 | COPD 1.23 | Colorectal cancer 1.62 |
| Sri Lanka | Ischemic heart disease 0.69 | Stroke 0.74 | Diabetes 2.57 | Total cancers 0.66 | Asthma 17.02 | Alzheimer's disease 1.07 | Chronic kidney disease 1.45 | Hypertensive heart disease 1.26 | Lower respiratory infect 1.02 | COPD 1.13 |
| Thailand | Total cancers 0.87 | Ischemic heart disease 0.32 | Stroke 0.47 | Alzheimer's disease 1.02 | Lower respiratory infect 1.42 | Chronic kidney disease 1.87 | Diabetes 0.77 | COPD 0.77 | Lung cancer 1.69 | Liver cancer 5.2 |
| Timor-Leste | Stroke 1.5 | Ischemic heart disease 0.99 | Total cancers 0.91 | Lower respiratory infect 1.92 | COPD 1.38 | Hypertensive heart disease 1.32 | Diabetes 0.83 | Alzheimer's disease 1.03 | Chronic kidney disease 1.19 | Tuberculosis 3.05 |
| Viet Nam | Stroke 1.23 | Ischemic heart disease 0.44 | Total cancers 0.86 | Alzheimer's disease 1.27 | Diabetes 1.23 | COPD 1.41 | Chronic kidney disease 1.55 | Lower respiratory infect 1.06 | Hypertensive heart disease 1.11 | Falls 5.03 |
| Sub-Saharan Africa | Stroke 0.94 | Ischemic heart disease 0.74 | Total cancers 1.01 | Lower respiratory infect 1.58 | Hypertensive heart disease 1.41 | Diarrheal diseases 1.59 | Diabetes 1.18 | Alzheimer's disease 1.09 | Tuberculosis 1.88 | COPD 0.8 |
| Central Sub-Saharan Africa | Ischemic heart disease 0.91 | Stroke 0.99 | Lower respiratory infect 1.68 | Hypertensive heart disease 2.18 | Total cancers 0.91 | Tuberculosis 2.64 | COPD 1.4 | Diarrheal diseases 1.43 | Alzheimer's disease 1.11 | Diabetes 0.81 |
| Angola | Ischemic heart disease 0.83 | Stroke 0.98 | Total cancers 0.89 | Lower respiratory infect 1.55 | Hypertensive heart disease 2.04 | Diarrheal diseases 3.23 | COPD 0.98 | Alzheimer's disease 1.12 | Tuberculosis 3.06 | Diabetes 0.86 |
| Central African Republic | Stroke 1.17 | Ischemic heart disease 1.15 | Diarrheal diseases 2.11 | Tuberculosis 2.25 | Lower respiratory infect 1.33 | Hypertensive heart disease 2.14 | Total cancers 0.92 | COPD 1.5 | Asthma 1.78 | Diabetes 1.04 |
| Congo | Ischemic heart disease 0.98 | Stroke 1.15 | Total cancers 1.09 | Hypertensive heart disease 3.12 | Lower respiratory infect 2.83 | Diabetes 1.2 | COPD 1.35 | Alzheimer's disease 1.17 | Tuberculosis 9.2 | Diarrheal diseases 8.71 |
| Democratic Republic of the Congo | Ischemic heart disease 0.92 | Stroke 0.97 | Lower respiratory infect 1.66 | Hypertensive heart disease 2.14 | Total cancers 0.9 | Tuberculosis 2.52 | COPD 1.5 | Alzheimer's disease 1.1 | Diarrheal diseases 1.06 | Asthma 1.74 |
| Equatorial Guinea | Ischemic heart disease 0.8 | Stroke 1.08 | Total cancers 1.06 | Lower respiratory infect 3.74 | Hypertensive heart disease 3.63 | Diabetes 1.78 | Alzheimer's disease 1.21 | COPD 1.78 | Chronic kidney disease 1.98 | Breast cancer 1.54 |
| Gabon | Ischemic heart disease 0.74 | Stroke 0.87 | Total cancers 1.08 | Hypertensive heart disease 3.89 | Lower respiratory infect 2.84 | Diabetes 1.6 | Alzheimer's disease 1.24 | Chronic kidney disease 2.32 | COPD 1.31 | Breast cancer 1.62 |
| Eastern Sub-Saharan Africa | Stroke 0.96 | Ischemic heart disease 0.65 | Lower respiratory infect 1.39 | Total cancers 1.04 | Hypertensive heart disease 1.56 | Diarrheal diseases 1.2 | Tuberculosis 1.7 | Alzheimer's disease 1.13 | Diabetes 0.94 | Cirrhosis 1.47 |
| Burundi | Stroke 0.98 | Ischemic heart disease 0.86 | Lower respiratory infect 1.29 | Tuberculosis 1.89 | Total cancers 0.98 | Diarrheal diseases 0.96 | Hypertensive heart disease 1.26 | Alzheimer's disease 1.06 | COPD 1 | Diabetes 0.98 |
| Comoros | Stroke 1.01 | Ischemic heart disease 0.77 | Lower respiratory infect 1.77 | Total cancers 1.03 | Hypertensive heart disease 1.77 | Alzheimer's disease 1.14 | Tuberculosis 3.22 | Diabetes 1.02 | Diarrheal diseases 1.92 | Chronic kidney disease 1.07 |
| Djibouti | Stroke 0.98 | Ischemic heart disease 0.79 | Total cancers 1.11 | Lower respiratory infect 1.7 | Hypertensive heart disease 1.76 | Diabetes 1.08 | Alzheimer's disease 1.18 | Tuberculosis 2.69 | Diarrheal diseases 1.66 | Chronic kidney disease 1.07 |
| Eritrea | Stroke 1.09 | Lower respiratory infect 2.27 | Ischemic heart disease 0.77 | Total cancers 1.19 | Hypertensive heart disease 2.22 | Tuberculosis 3.97 | Diarrheal diseases 2.3 | Diabetes 1.23 | Cirrhosis 1.84 | Alzheimer's disease 1.16 |
| Ethiopia | Stroke 0.79 | Ischemic heart disease 0.71 | Lower respiratory infect 0.94 | Total cancers 1.79 | Diarrheal diseases 1.25 | Hypertensive heart disease 1.27 | Alzheimer's disease 1.32 | Tuberculosis 1.72 | Cirrhosis 1.72 | Diabetes 0.93 |
| Kenya | Stroke 0.88 | Ischemic heart disease 0.64 | Lower respiratory infect 2.18 | Total cancers 0.96 | Hypertensive heart disease 1.6 | Diarrheal diseases 3.79 | Cirrhosis 2.62 | Alzheimer's disease 1.11 | Tuberculosis 4.32 | Diabetes 0.73 |
| Madagascar | Stroke 1.46 | Ischemic heart disease 0.82 | Hypertensive heart disease 2.67 | Lower respiratory infect 1.62 | Total cancers 0.85 | Diarrheal diseases 1.85 | Tuberculosis 2.58 | COPD 1.02 | Diabetes 0.83 | Alzheimer's disease 0.85 |
| Malawi | Stroke 0.87 | Ischemic heart disease 0.59 | Total cancers 1.18 | Lower respiratory infect 1.32 | Diarrheal diseases 1.71 | Hypertensive heart disease 1.39 | Tuberculosis 2.18 | Alzheimer's disease 1.13 | Diabetes 0.91 | Cirrhosis 1.41 |
| Mozambique | Stroke 1.2 | Ischemic heart disease 0.66 | Total cancers 1.16 | Lower respiratory infect 1.05 | Hypertensive heart disease 1.7 | Tuberculosis 1.87 | Alzheimer's disease 1.23 | Diabetes 0.98 | Malaria 5.31 | Diarrheal diseases 0.44 |
| Rwanda | Stroke 1.02 | Ischemic heart disease 0.65 | Total cancers 1.08 | Lower respiratory infect 1.54 | Hypertensive heart disease 1.48 | Alzheimer's disease 1.16 | Diabetes 0.99 | Tuberculosis 2.26 | COPD 0.91 | Diarrheal diseases 1.38 |
| Somalia | Stroke 0.97 | Tuberculosis 0.63 | Ischemic heart disease 1.02 | Diarrheal diseases 0.96 | Lower respiratory infect 0.73 | Hypertensive heart disease 1.19 | Total cancers 1.02 | Diabetes 1.25 | COPD 0.94 | Cirrhosis 0.87 |
| South Sudan | Stroke 0.85 | Ischemic heart disease 0.64 | Diarrheal diseases 2.25 | Lower respiratory infect 1.23 | Total cancers 0.97 | Hypertensive heart disease 1.37 | Tuberculosis 2.13 | Alzheimer's disease 1 | Diabetes 0.94 | Cirrhosis 1.36 |
| Uganda | Stroke 0.88 | Ischemic heart disease 0.63 | Total cancers 1.22 | Lower respiratory infect 1.52 | Hypertensive heart disease 1.33 | Tuberculosis 2.33 | Alzheimer's disease 1.1 | Diabetes 1 | Diarrheal diseases 1.3 | COPD 0.66 |
| United Republic of Tanzania | Stroke 1 | Ischemic heart disease 0.59 | Total cancers 1.12 | Lower respiratory infect 1.57 | Hypertensive heart disease 1.73 | Diarrheal diseases 1.85 | Alzheimer's disease 1.14 | Tuberculosis 2.51 | Diabetes 1 | Chronic kidney disease 1.14 |
| Zambia | Stroke 1.38 | Total cancers 1.09 | Hypertensive heart disease 2.71 | Ischemic heart disease 0.49 | Lower respiratory infect 1.83 | Diarrheal diseases 3.48 | Diabetes 0.93 | Tuberculosis 4.28 | Alzheimer's disease 1.08 | Cirrhosis 2.13 |
| Southern Sub-Saharan Africa | Stroke 0.9 | Ischemic heart disease 0.57 | Total cancers 1.07 | Diabetes 2.51 | Lower respiratory infect 2.48 | Hypertensive heart disease 2.19 | Alzheimer's disease 1 | COPD 1.36 | Chronic kidney disease 1.52 | Diarrheal diseases 10.28 |
| Botswana | Stroke 1.19 | Ischemic heart disease 0.69 | Total cancers 1.28 | Diabetes 2.72 | Lower respiratory infect 3.42 | Hypertensive heart disease 2.37 | Alzheimer's disease 1.08 | COPD 1.6 | Chronic kidney disease 1.55 | Breast cancer 1.64 |
| Eswatini | Stroke 1.15 | Diabetes 3.22 | Ischemic heart disease 0.66 | Total cancers 1.25 | Lower respiratory infect 2.34 | Hypertensive heart disease 2.15 | Diarrheal diseases 11.88 | Chronic kidney disease 1.47 | COPD 1.25 | Alzheimer's disease 0.95 |
| Lesotho | Stroke 1.56 | Ischemic heart disease 0.75 | Diabetes 3 | Total cancers 1.39 | Lower respiratory infect 2.21 | Hypertensive heart disease 2.45 | Diarrheal diseases 6.24 | COPD 1.92 | HIV/AIDS 436.75 | Tuberculosis 5.35 |
| Namibia | Stroke 1.11 | Ischemic heart disease 0.6 | Total cancers 0.91 | Lower respiratory infect 2.82 | Diabetes 1.78 | Hypertensive heart disease 2.31 | Alzheimer's disease 1.08 | COPD 1.59 | Diarrheal diseases 14.45 | Chronic kidney disease 1.03 |
| South Africa | Stroke 0.86 | Total cancers 0.99 | Ischemic heart disease 0.49 | Diabetes 2.63 | Lower respiratory infect 2.43 | Hypertensive heart disease 2.42 | Alzheimer's disease 0.99 | COPD 1.47 | Chronic kidney disease 1.61 | Diarrheal diseases 27.4 |
| Zimbabwe | Ischemic heart disease 1.15 | Total cancers 1.74 | Stroke 0.9 | Lower respiratory infect 2.61 | Diabetes 1.7 | Alzheimer's disease 1.06 | Tuberculosis 3.07 | Hypertensive heart disease 0.92 | Chronic kidney disease 1.16 | Diarrheal diseases 1.81 |
| Western Sub-Saharan Africa | Ischemic heart disease 0.86 | Stroke 0.91 | Lower respiratory infect 1.55 | Total cancers 0.97 | Diarrheal diseases 1.78 | Malaria 19.44 | Diabetes 1.05 | Alzheimer's disease 1.1 | Tuberculosis 1.65 | Hypertensive heart disease 0.83 |
| Benin | Stroke 0.99 | Ischemic heart disease 0.88 | Lower respiratory infect 1.43 | Total cancers 1 | Malaria 10.79 | Diarrheal diseases 1.09 | Diabetes 1.09 | Alzheimer's disease 1.09 | Hypertensive heart disease 0.75 | Chronic kidney disease 1.14 |
| Burkina Faso | Ischemic heart disease 1.03 | Stroke 0.64 | Lower respiratory infect 1.18 | Total cancers 1.11 | Diarrheal diseases 0.8 | Malaria 6.27 | Hypertensive heart disease 0.9 | Alzheimer's disease 1.15 | Tuberculosis 0.71 | Diabetes 0.83 |
| Cabo Verde | Ischemic heart disease 0.91 | Total cancers 1.53 | Stroke 0.62 | Lower respiratory infect 1.66 | Alzheimer's disease 1 | Diabetes 1.2 | Chronic kidney disease 0.92 | Hypertensive heart disease 0.68 | Stomach cancer 2.27 | COPD 0.52 |
| Cameroon | Ischemic heart disease 0.74 | Stroke 0.9 | Total cancers 1.09 | Lower respiratory infect 2.06 | Diabetes 1.42 | Malaria 417.05 | Chronic kidney disease 1.58 | Alzheimer's disease 1.1 | Diarrheal diseases 2.41 | Tuberculosis 2.87 |
| Chad | Ischemic heart disease 1.01 | Stroke 0.87 | Lower respiratory infect 1.27 | Diarrheal diseases 0.93 | Total cancers 1.08 | Tuberculosis 0.92 | Diabetes 1.19 | Alzheimer's disease 1.05 | Hypertensive heart disease 0.74 | Cirrhosis 1.07 |
| Côte d'Ivoire | Ischemic heart disease 0.84 | Stroke 0.8 | Lower respiratory infect 1.65 | Total cancers 1.02 | Malaria 55.76 | Diabetes 1.2 | Alzheimer's disease 1.06 | Diarrheal diseases 1.3 | Tuberculosis 1.8 | Chronic kidney disease 1.18 |
| Gambia | Ischemic heart disease 1.11 | Stroke 0.96 | Lower respiratory infect 2.02 | Total cancers 0.87 | Diabetes 1.2 | Tuberculosis 2.32 | Alzheimer's disease 1.13 | Hypertensive heart disease 0.93 | Diarrheal diseases 1.16 | Chronic kidney disease 1.22 |
| Ghana | Stroke 1.27 | Ischemic heart disease 0.87 | Total cancers 0.99 | Lower respiratory infect 1.97 | Diabetes 0.94 | Chronic kidney disease 1.36 | Alzheimer's disease 0.95 | Malaria 981.74 | Hypertensive heart disease 1.02 | Diarrheal diseases 4.73 |
| Guinea | Ischemic heart disease 0.98 | Stroke 0.96 | Lower respiratory infect 1.74 | Total cancers 1.19 | Diarrheal diseases 1.22 | Diabetes 1.32 | Alzheimer's disease 1.11 | Tuberculosis 1.28 | Hypertensive heart disease 0.89 | Chronic kidney disease 1.2 |
| Guinea-Bissau | Ischemic heart disease 1.14 | Stroke 1.02 | Lower respiratory infect 1.88 | Total cancers 1.15 | Diarrheal diseases 2.11 | Diabetes 1.44 | Tuberculosis 1.64 | Hypertensive heart disease 0.97 | Alzheimer's disease 1.06 | Chronic kidney disease 1.23 |
| Liberia | Ischemic heart disease 0.95 | Stroke 0.83 | Lower respiratory infect 1.44 | Total cancers 1.02 | Malaria 18.86 | Diarrheal diseases 1.47 | Diabetes 1.21 | Alzheimer's disease 1.07 | Chronic kidney disease 1.34 | Tuberculosis 1.42 |
| Mali | Ischemic heart disease 1.12 | Stroke 0.93 | Diarrheal diseases 1 | Total cancers 0.97 | Protein-energy malnutrition 4.16 | Diabetes 1.39 | Lower respiratory infect 0.61 | Tuberculosis 0.81 | Alzheimer's disease 1.16 | Hypertensive heart disease 0.76 |
| Mauritania | Ischemic heart disease 0.86 | Stroke 0.82 | Lower respiratory infect 2.09 | Total cancers 1.08 | Diabetes 430.62 | Malaria 1.1 | Alzheimer's disease 1.51 | Chronic kidney disease 2.38 | Diarrheal diseases 1.51 | Hypertensive heart disease 0.82 |
| Niger | Ischemic heart disease 1.13 | Stroke 0.85 | Lower respiratory infect 0.94 | Diarrheal diseases 0.45 | Total cancers 0.97 | Malaria 2.46 | Diabetes 1.18 | Tuberculosis 0.96 | Alzheimer's disease 1.11 | COPD 0.83 |
| Nigeria | Ischemic heart disease 0.78 | Stroke 0.9 | Total cancers 0.87 | Lower respiratory infect 1.8 | Diarrheal diseases 5.62 | Malaria 850.47 | Alzheimer's disease 1.12 | Diabetes 0.92 | Tuberculosis 4.49 | Cirrhosis 1.83 |
| Sao Tome and Principe | Ischemic heart disease 1.08 | Stroke 1.14 | Lower respiratory infect 2.8 | Total cancers 1.26 | Chronic kidney disease 2.26 | COPD 1.43 | Alzheimer's disease 1 | Other cardiovascular 5.95 | Asthma 2.55 | Cirrhosis 1.5 |
| Senegal | Ischemic heart disease 0.93 | Stroke 0.81 | Total cancers 1.08 | Lower respiratory infect 1.33 | Diabetes 1.31 | Alzheimer's disease 1.15 | Diarrheal diseases 1.29 | Tuberculosis 1.93 | Chronic kidney disease 1.3 | Malaria 15.95 |
| Sierra Leone | Ischemic heart disease 1.1 | Stroke 0.96 | Lower respiratory infect 1.64 | Total cancers 1.02 | Malaria 14.27 | Diarrheal diseases 1.26 | Diabetes 1.19 | Tuberculosis 1.43 | Alzheimer's disease 1.05 | Hypertensive heart disease 0.69 |
| Togo | Ischemic heart disease 0.91 | Stroke 0.85 | Lower respiratory infect 1.88 | Total cancers 0.99 | Diarrheal diseases 1.81 | Malaria 43.43 | Diabetes 0.98 | Alzheimer's disease 1.07 | Tuberculosis 1.94 | Hypertensive heart disease 0.8 |

Values shown in brackets represent the ratio of observed deaths to predicted deaths on the basis of Socio-Demographic Index (SDI), rounded to two (2) digits. Color ranges (shown below) were calculated to place a roughly equal number of cells into each bin.

COLOR KEY:

| | | | | | | | | | |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|
| [0.0, 0.68] | [0.68, 0.83] | [0.83, 0.93] | [0.93, 1.02] | [1.02, 1.13] | [1.13, 1.28] | [1.28, 1.55] | [1.55, 1.94] | [1.94, 2.83] | [2.83, ...] |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|

Figure S22. Leading ten causes of total years lived with disability with ratio of observed to expected years lived with disability in 2019, among people 70 years and older, in males, for all GBD locations.

Causes are ranked based on global estimates of YLDs. Causes are color coded (shown in color key) based on observed to expected (O:E) rate ratio on the basis of SDI from the epidemiologic transition analysis. Shades of blue represent much lower observed deaths and YLDs than expected levels based on SDI, whereas red shows that observed deaths and YLDs exceed expected levels. When the ratio exceeds 1 means that observed levels exceeded the expected levels on the basis of SDI. O:E ratios are listed in each cell. YLDs = years of life lived with disability.

| Figure S22. Leading 10 causes of total YLDs with ratio of observed to expected deaths in 2019, by location, males | | | | | | | | | | |
|---|----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------------|-----------------------------------|-----------------------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Global | Age-related hearing loss 1.09 | Diabetes 0.97 | Diabetes 1.51 | Low back pain 0.9 | Blindness and vision loss 1.28 | Stroke 1.16 | Falls 1.12 | Alzheimer's disease 1.04 | Osteoarthritis 1.01 | Oral disorders 0.87 |
| Central Europe, Eastern Europe, and Central Asia | Age-related hearing loss 1.09 | Low back pain 1.22 | Diabetes 0.93 | Falls 1.45 | Blindness and vision loss 1.46 | Alzheimer's disease 1.18 | Oral disorders 1.12 | Osteoarthritis 1.06 | Stroke 1.12 | Diabetes 0.79 |
| Central Asia | Age-related hearing loss 0.81 | Diabetes 0.97 | Low back pain 1.09 | Blindness and vision loss 1.25 | Oral disorders 1.33 | Alzheimer's disease 1.19 | COPD 0.97 | Stroke 0.87 | Osteoarthritis 0.99 | Falls 1.05 |
| Armenia | Age-related hearing loss 0.98 | Low back pain 1.15 | Diabetes 0.83 | Blindness and vision loss 1.33 | Oral disorders 1.35 | Alzheimer's disease 1.22 | COPD 1.19 | Osteoarthritis 0.97 | Ischemic heart disease 1.09 | Atrial fibrillation 1.39 |
| Azerbaijan | Age-related hearing loss 0.98 | Low back pain 1.1 | Diabetes 0.79 | Blindness and vision loss 1.35 | Oral disorders 1.31 | Alzheimer's disease 1.17 | Stroke 0.88 | COPD 0.97 | Osteoarthritis 0.96 | Ischemic heart disease 1.01 |
| Georgia | Diabetes 1.06 | Age-related hearing loss 0.99 | Low back pain 0.99 | Blindness and vision loss 1.43 | Alzheimer's disease 1.19 | Oral disorders 1.21 | Falls 1.53 | Depressive disorders 1.6 | Stroke 0.91 | COPD 0.85 |
| Kazakhstan | Age-related hearing loss 1.01 | Low back pain 1.13 | Diabetes 0.89 | Blindness and vision loss 1.57 | Oral disorders 1.43 | COPD 1.28 | Alzheimer's disease 1.15 | Stroke 1.04 | Falls 1.09 | Osteoarthritis 0.95 |
| Kyrgyzstan | Age-related hearing loss 0.95 | Low back pain 1.12 | Blindness and vision loss 0.9 | Oral disorders 1.35 | COPD 1.57 | Alzheimer's disease 1.25 | Diabetes 0.49 | Osteoarthritis 1.06 | Depressive disorders 1.18 | Ischemic heart disease 0.91 |
| Mongolia | Age-related hearing loss 0.93 | Blindness and vision loss 1.16 | Low back pain 1.1 | Oral disorders 1.27 | Alzheimer's disease 1.2 | Falls 1.7 | Diabetes 0.36 | Osteoarthritis 1.04 | Ischemic heart disease 1.09 | Depressive disorders 1.26 |
| Tajikistan | Age-related hearing loss 0.96 | Diabetes 0.83 | Low back pain 1.09 | Blindness and vision loss 0.92 | Oral disorders 1.42 | Alzheimer's disease 1.26 | Osteoarthritis 1.03 | Ischemic heart disease 1 | Atrial fibrillation 1.66 | Falls 1.36 |
| Turkmenistan | Age-related hearing loss 0.96 | Low back pain 1.09 | Blindness and vision loss 1.34 | Diabetes 0.66 | Oral disorders 1.27 | Alzheimer's disease 1.22 | Stroke 0.98 | Osteoarthritis 1.04 | Ischemic heart disease 0.98 | Atrial fibrillation 1.44 |
| Uzbekistan | Age-related hearing loss 0.94 | Diabetes 0.8 | Low back pain 1.08 | Blindness and vision loss 1.09 | Oral disorders 1.3 | Stroke 0.92 | Osteoarthritis 1.04 | Alzheimer's disease 1.14 | Atrial fibrillation 1.5 | Depressive disorders 1.04 |
| Central Europe | Diabetes 1.33 | Low back pain 1.3 | Age-related hearing loss 1.08 | Falls 1.56 | COPD 1.01 | Stroke 1.28 | Alzheimer's disease 1.18 | Oral disorders 1.06 | Mechanical forces 2.54 | Blindness and vision loss 1.17 |
| Albania | Low back pain 1.39 | Age-related hearing loss 0.96 | Diabetes 0.64 | Mechanical forces 3.78 | Oral disorders 1.09 | Alzheimer's disease 1.19 | Blindness and vision loss 0.77 | Stroke 0.99 | COPD 1.07 | Falls 1.14 |
| Bosnia and Herzegovina | Diabetes 1.5 | Age-related hearing loss 0.98 | Low back pain 1.22 | Stroke 1.56 | Falls 1.44 | COPD 1.17 | Oral disorders 1.17 | Alzheimer's disease 1.14 | Blindness and vision loss 0.9 | Mechanical forces 2.67 |
| Bulgaria | Low back pain 1.36 | Diabetes 1.1 | Age-related hearing loss 1.04 | Stroke 1.68 | Falls 1.18 | Mechanical forces 3.06 | COPD 0.98 | Alzheimer's disease 1.15 | Oral disorders 1 | Blindness and vision loss 1.08 |
| Croatia | Diabetes 1.45 | Low back pain 1.25 | Age-related hearing loss 1.06 | Falls 1.97 | COPD 1.25 | Total cancers 1.18 | Alzheimer's disease 1.17 | Stroke 1.22 | Oral disorders 1.14 | Blindness and vision loss 1.21 |
| Czechia | Diabetes 2.32 | Low back pain 1.28 | Age-related hearing loss 1.08 | Falls 1.47 | COPD 0.88 | Alzheimer's disease 1.18 | Total cancers 0.92 | Oral disorders 1.11 | Stroke 1.15 | Ischemic heart disease 1.63 |
| Hungary | Diabetes 1.46 | Low back pain 1.43 | Age-related hearing loss 1.05 | Falls 1.75 | COPD 1.31 | Stroke 1.38 | Alzheimer's disease 1.18 | Oral disorders 1.08 | Blindness and vision loss 1.27 | Total cancers 0.88 |
| Montenegro | Diabetes 1.53 | Low back pain 1.3 | Age-related hearing loss 1.06 | Falls 1.46 | Stroke 1.33 | Oral disorders 1.17 | Alzheimer's disease 1.18 | Ischemic heart disease 1.43 | Blindness and vision loss 1.23 | Mechanical forces 2.29 |
| North Macedonia | Diabetes 1.57 | Age-related hearing loss 1.01 | Low back pain 1.19 | Stroke 1.89 | Oral disorders 1.16 | Falls 1.09 | COPD 0.91 | Alzheimer's disease 1.12 | Blindness and vision loss 1.02 | Mechanical forces 2.53 |
| Poland | Diabetes 1.3 | Age-related hearing loss 1.17 | Low back pain 1.25 | Falls 1.66 | COPD 0.96 | Alzheimer's disease 1.2 | Ischemic heart disease 1.5 | Oral disorders 1 | Osteoarthritis 0.87 | Mechanical forces 2.32 |
| Romania | Low back pain 1.32 | Age-related hearing loss 1.03 | Diabetes 0.87 | Falls 1.48 | Stroke 1.5 | Alzheimer's disease 1.17 | COPD 0.99 | Mechanical forces 2.8 | Blindness and vision loss 1.09 | Oral disorders 1 |
| Serbia | Diabetes 1.48 | Low back pain 1.33 | Age-related hearing loss 1.03 | Stroke 1.66 | COPD 1.19 | Falls 1.16 | Oral disorders 1.15 | Alzheimer's disease 1.12 | Blindness and vision loss 1.12 | Mechanical forces 2.47 |
| Slovakia | Low back pain 1.34 | Falls 1.91 | Age-related hearing loss 1.07 | Diabetes 1.09 | Stroke 1.36 | Total cancers 1.04 | Oral disorders 1.16 | Alzheimer's disease 1.17 | Mechanical forces 2.77 | Ischemic heart disease 1.54 |
| Slovenia | Falls 1.83 | Low back pain 1.28 | Diabetes 1.23 | Age-related hearing loss 1 | Alzheimer's disease 1.21 | Mechanical forces 3.05 | COPD 0.84 | Oral disorders 1.27 | Total cancers 0.81 | Blindness and vision loss 1.47 |
| Eastern Europe | Age-related hearing loss 1.13 | Low back pain 1.16 | Falls 1.4 | Blindness and vision loss 1.75 | Osteoarthritis 1.24 | Diabetes 0.61 | Alzheimer's disease 1.18 | Oral disorders 1.13 | Urinary diseases 2.86 | Stroke 1.02 |
| Belarus | Age-related hearing loss 1.06 | Low back pain 1.22 | Falls 1.9 | Blindness and vision loss 1.37 | Alzheimer's disease 1.21 | Diabetes 0.53 | Urinary diseases 2.72 | Alcohol use disorders 6.51 | Osteoarthritis 1.02 | Oral disorders 0.97 |
| Estonia | Age-related hearing loss 1.16 | Low back pain 1.19 | Falls 1.2 | Diabetes 0.86 | Total cancers 1.13 | Alzheimer's disease 1.24 | Urinary diseases 2.97 | Depressive disorders 1.87 | Osteoarthritis 0.91 | Oral disorders 1.04 |
| Latvia | Age-related hearing loss 1.13 | Low back pain 1.17 | Falls 1.31 | Diabetes 0.79 | Blindness and vision loss 1.91 | Alzheimer's disease 1.19 | Urinary diseases 3.19 | Depressive disorders 1.92 | Osteoarthritis 0.92 | Stroke 1.01 |
| Lithuania | Age-related hearing loss 1.16 | Low back pain 1.2 | Falls 1.43 | Blindness and vision loss 2.11 | Diabetes 0.7 | Alzheimer's disease 1.19 | Urinary diseases 3.27 | Total cancers 0.84 | Depressive disorders 1.8 | Osteoarthritis 0.79 |
| Republic of Moldova | Age-related hearing loss 1.01 | Low back pain 1.21 | Blindness and vision loss 1.58 | Diabetes 0.7 | Alzheimer's disease 1.2 | Falls 1.4 | Urinary diseases 2.62 | Oral disorders 0.97 | Osteoarthritis 1.1 | Ischemic heart disease 1.08 |
| Russian Federation | Age-related hearing loss 1.15 | Low back pain 1.12 | Falls 1.29 | Blindness and vision loss 2.01 | Osteoarthritis 1.35 | Diabetes 0.62 | Alzheimer's disease 1.18 | Oral disorders 1.18 | Urinary diseases 2.92 | Stroke 1.1 |
| Ukraine | Age-related hearing loss 1.08 | Low back pain 1.27 | Falls 1.74 | Blindness and vision loss 1.3 | Diabetes 0.57 | Alzheimer's disease 1.17 | Oral disorders 1.08 | Urinary diseases 2.69 | Depressive disorders 1.83 | Osteoarthritis 1.02 |
| High-income | Age-related hearing loss 1.16 | Diabetes 1.25 | Low back pain 1.04 | COPD 1.2 | Falls 0.94 | Total cancers 1.01 | Alzheimer's disease 1.09 | Osteoarthritis 1.05 | Stroke 1.06 | Oral disorders 0.95 |
| Australasia | Age-related hearing loss 1.34 | Falls 1.43 | Diabetes 1.04 | Low back pain 0.91 | Total cancers 1.26 | COPD 1 | Osteoarthritis 1.04 | Mechanical forces 2.77 | Oral disorders 1.12 | Alzheimer's disease 0.94 |
| Australia | Age-related hearing loss 1.34 | Diabetes 1.07 | Falls 1.43 | Low back pain 0.92 | Total cancers 1.26 | COPD 0.99 | Osteoarthritis 1.04 | Mechanical forces 2.68 | Oral disorders 1.1 | Alzheimer's disease 0.93 |
| New Zealand | Age-related hearing loss 1.34 | Falls 1.44 | Low back pain 0.89 | Diabetes 0.88 | Total cancers 1.25 | COPD 1.02 | Mechanical forces 3.22 | Osteoarthritis 1.05 | Oral disorders 1.22 | Alzheimer's disease 1.03 |
| High-income Asia Pacific | Age-related hearing loss 1.28 | Low back pain 0.94 | Diabetes 0.93 | COPD 0.97 | Stroke 1.49 | Alzheimer's disease 1.11 | Falls 0.74 | Total cancers 0.75 | Osteoarthritis 0.91 | Oral disorders 0.94 |
| Brunel Darussalam | Diabetes 2.86 | Age-related hearing loss 1.19 | COPD 1.67 | Low back pain 0.96 | Stroke 1.81 | Osteoarthritis 0.97 | Falls 0.81 | Total cancers 0.8 | Other musculoskeletal 1.95 | Asthma 3.02 |
| Japan | Age-related hearing loss 1.29 | Low back pain 0.95 | Diabetes 0.89 | COPD 0.91 | Stroke 1.5 | Alzheimer's disease 1.13 | Total cancers 0.83 | Falls 0.9 | Osteoarthritis 0.9 | Oral disorders 0.98 |
| Republic of Korea | Age-related hearing loss 1.27 | COPD 1.35 | Diabetes 1.11 | Low back pain 0.88 | Falls 0.89 | Stroke 1.42 | Osteoarthritis 1.13 | Total cancers 0.72 | Alzheimer's disease 0.98 | Other musculoskeletal 1.62 |
| Singapore | Age-related hearing loss 1.26 | Diabetes 1.29 | COPD 1.05 | Low back pain 0.73 | Osteoarthritis 0.95 | Stroke 1.11 | Alzheimer's disease 0.98 | Other musculoskeletal 2.57 | Falls 6.61 | Total cancers 1.62 |
| High-income North America | Diabetes 1.69 | Age-related hearing loss 1.39 | COPD 1.68 | Low back pain 1.34 | Total cancers 1.17 | Osteoarthritis 1.26 | Falls 0.94 | Alzheimer's disease 1.24 | Stroke 1.38 | Atrial fibrillation 1.72 |
| Canada | Age-related hearing loss 1.08 | Total cancers 1.42 | Low back pain 0.96 | Diabetes 1 | COPD 0.96 | Alzheimer's disease 0.88 | Alzheimer's disease 1.13 | Stroke 1.28 | Atrial fibrillation 1.6 | Other musculoskeletal 3.3 |
| Greenland | Age-related hearing loss 1.13 | Low back pain 1.15 | Falls 2.12 | Stroke 2.22 | Diabetes 0.93 | COPD 1.48 | Total cancers 1.31 | Osteoarthritis 1.12 | Alzheimer's disease 1.2 | Atrial fibrillation 1.81 |
| United States of America | Diabetes 1.77 | Age-related hearing loss 1.43 | COPD 1.79 | Low back pain 1.39 | Total cancers 1.14 | Osteoarthritis 1.3 | Falls 0.93 | Alzheimer's disease 1.26 | Stroke 1.39 | Atrial fibrillation 1.73 |
| Southern Latin America | Age-related hearing loss 1.16 | Diabetes 0.96 | Low back pain 0.8 | Other musculoskeletal 4.16 | Osteoarthritis 1.22 | Alzheimer's disease 1.08 | COPD 1 | Oral disorders 0.83 | Blindness and vision loss 0.69 | Total cancers 0.99 |
| Argentina | Age-related hearing loss 1.13 | Diabetes 0.91 | Low back pain 0.8 | Other musculoskeletal 4.31 | Osteoarthritis 1.24 | Alzheimer's disease 1.08 | COPD 1.1 | Oral disorders 0.84 | Blindness and vision loss 0.68 | Total cancers 1.01 |
| Chile | Age-related hearing loss 1.22 | Diabetes 1.15 | Low back pain 0.78 | Other musculoskeletal 3.87 | Osteoarthritis 1.16 | Alzheimer's disease 1.08 | Falls 0.92 | COPD 0.74 | Oral disorders 0.82 | Total cancers 0.98 |
| Uruguay | Age-related hearing loss 1.12 | Diabetes 0.73 | Low back pain 0.82 | COPD 1.34 | Alzheimer's disease 1.08 | Osteoarthritis 1.27 | Other musculoskeletal 4.08 | Mechanical forces 2.8 | Total cancers 1.42 | Oral disorders 0.89 |
| Western Europe | Diabetes 1.17 | Age-related hearing loss 0.95 | Low back pain 0.93 | COPD 1.03 | Falls 1.04 | Total cancers 1.01 | Alzheimer's disease 0.99 | Osteoarthritis 0.99 | Oral disorders 1.02 | Atrial fibrillation 1.07 |
| Andorra | Diabetes 1.08 | Falls 0.93 | Age-related hearing loss 0.91 | Osteoarthritis 0.98 | Low back pain 1.35 | COPD 1 | Oral disorders 0.83 | Total cancers 0.98 | Endo/metab/blood/immun 1.06 | Alzheimer's disease 0.94 |
| Austria | Diabetes 1.06 | Falls 1.28 | Age-related hearing loss 0.84 | Low back pain 1.35 | Low back pain 0.81 | COPD 0.83 | Total cancers 1.22 | Oral disorders 0.87 | Alzheimer's disease 2.54 | Ischemic heart disease 0.95 |
| Belgium | Diabetes 1.12 | Age-related hearing loss 0.95 | COPD 1.28 | Falls 1.31 | Low back pain 0.91 | Osteoarthritis 1.2 | Total cancers 0.97 | Oral disorders 1.22 | Alzheimer's disease 0.95 | Atrial fibrillation 1.01 |
| Cyprus | Diabetes 1.55 | Low back pain 0.98 | Age-related hearing loss 0.87 | COPD 1.17 | Osteoarthritis 1.29 | Total cancers 1.09 | Falls 0.96 | Oral disorders 1.07 | Alzheimer's disease 0.97 | Atrial fibrillation 0.99 |
| Denmark | Low back pain 1.17 | COPD 1.15 | Age-related hearing loss 0.81 | Total cancers 0.86 | Diabetes 0.77 | Osteoarthritis 1.09 | Falls 0.72 | Oral disorders 1.08 | Alzheimer's disease 0.92 | Stroke 0.74 |
| Finland | Falls 1.68 | Diabetes 1.21 | Age-related hearing loss 0.87 | Low back pain 0.86 | Total cancers 1.04 | COPD 0.79 | Oral disorders 1.13 | Alzheimer's disease 0.94 | Osteoarthritis 0.84 | Ischemic heart disease 1.28 |
| France | Age-related hearing loss 0.98 | Falls 1.4 | Low back pain 0.89 | Total cancers 1.04 | Alzheimer's disease 0.98 | Osteoarthritis 1 | Diabetes 0.56 | Oral disorders 1.04 | COPD 0.51 | Atrial fibrillation 1.05 |
| Germany | Diabetes 1.5 | Low back pain 1 | Age-related hearing loss 0.94 | COPD 0.93 | Falls 0.84 | Total cancers 0.81 | Alzheimer's disease 1.05 | Osteoarthritis 0.8 | Oral disorders 1.05 | Atrial fibrillation 1.03 |
| Greece | Age-related hearing loss 0.99 | Diabetes 1.07 | COPD 1.49 | Low back pain 0.88 | Alzheimer's disease 0.96 | Total cancers 1.13 | Oral disorders 1.03 | Depressive disorders 1.81 | Falls 0.79 | Osteoarthritis 0.89 |
| Iceland | Diabetes 1.05 | Age-related hearing loss 0.91 | Low back pain 0.93 | Osteoarthritis 1.4 | Falls 0.94 | COPD 0.89 | Total cancers 0.93 | Alzheimer's disease 0.96 | Oral disorders 1.07 | Atrial fibrillation 1.05 |
| Ireland | Diabetes 1.13 | Low back pain 1.07 | Age-related hearing loss 0.9 | COPD 1.15 | Total cancers 0.99 | Falls 0.79 | Osteoarthritis 1.01 | Oral disorders 1.19 | Alzheimer's disease 0.98 | Atrial fibrillation 1.04 |
| Israel | Diabetes 0.99 | Age-related hearing loss 0.87 | Low back pain 0.95 | Osteoarthritis 1.25 | Oral disorders 1.12 | Alzheimer's disease 0.96 | COPD 0.77 | Total cancers 0.86 | Falls 0.74 | Depressive disorders 1.42 |
| Italy | Diabetes 1.21 | Age-related hearing loss 1.07 | Low back pain 0.94 | COPD 1.06 | Falls 1.16 | Total cancers 1.23 | Alzheimer's disease 1.12 | Osteoarthritis 1.02 | Blindness and vision loss 1.2 | Oral disorders 0.94 |
| Luxembourg | Diabetes 1.71 | Falls 1.02 | Age-related hearing loss 0.84 | COPD 0.95 | Low back pain 0.85 | Total cancers 0.72 | Osteoarthritis 0.96 | Oral disorders 1.21 | Alzheimer's disease 0.84 | Atrial fibrillation 1.05 |
| Malta | Diabetes 1.2 | Low back pain 1.08 | Age-related hearing loss 0.86 | COPD 1.17 | Falls 1.18 | Osteoarthritis 1.11 | Total cancers 0.91 | Alzheimer's disease 0.96 | Oral disorders 0.89 | Ischemic heart disease 1.17 |
| Monaco | Total cancers 1.23 | Age-related hearing loss 0.93 | Diabetes 1.04 | Low back pain 0.9 | COPD 0.89 | Osteoarthritis 0.98 | Falls 0.64 | Alzheimer's disease 0.96 | Oral disorders 0.99 | Stroke 0.81 |
| Netherlands | COPD 1.36 | Diabetes 0.99 | Age-related hearing loss 0.88 | Total cancers 1.06 | Low back pain 0.83 | Falls 0.89 | Oral disorders 1.45 | Osteoarthritis 0.93 | Alzheimer's disease 1.05 | Atrial fibrillation 0.89 |
| Norway | Age-related hearing loss 1.2 | Falls 1.12 | Diabetes 1.22 | Low back pain 0.84 | COPD 0.89 | Total cancers 0.83 | Stroke 1.36 | Osteoarthritis 0.97 | Alzheimer's disease 0.96 | Oral disorders 1.05 |
| Portugal | Diabetes 1.2 | Age-related hearing loss 0.83 | Low back pain 0.97 | COPD 1.34 | Total cancers 1.37 | Alzheimer's disease 0.96 | Osteoarthritis 1.09 | Falls 1.01 | Oral disorders 0.95 | Depressive disorders 1.46 |
| San Marino | Diabetes 1.11 | Age-related hearing loss 0.92 | Total cancers 1.18 | Low back pain 0.91 | COPD 0.95 | Falls 0.76 | Osteoarthritis 0.99 | Alzheimer's disease 0.96 | Oral disorders 1.06 | Atrial fibrillation 0.96 |
| Spain | Diabetes 1.28 | Age-related hearing loss 0.95 | COPD 1.53 | Total cancers 1.47 | Low back pain 0.71 | Blindness and vision loss 1.26 | Falls 1.04 | Osteoarthritis 1.12 | Alzheimer's disease 0.88 | Depressive disorders 1.46 |
| Sweden | Falls 1.21 | Low back pain 0.97 | Diabetes 0.97 | COPD 0.82 | Total cancers 0.86 | Age-related hearing loss 0.59 | Atrial fibrillation 1.46 | Oral disorders 1.04 | Osteoarthritis | |

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| Latin America and Caribbean | Diabetes 1.24 | Age-related hearing loss 0.96 | Blindness and vision loss 1.17 | Low back pain 0.75 | Oral disorders 1.12 | Alzheimer's disease 0.99 | Osteoarthritis 1.17 | Other musculoskeletal 3.29 | Falls 1.36 | Ischemic heart disease 0.91 |
| Andean Latin America | Age-related hearing loss 1.06 | Diabetes 0.85 | Blindness and vision loss 1.31 | Oral disorders 1.43 | Low back pain 0.75 | Alzheimer's disease 0.9 | Osteoarthritis 1.1 | Other musculoskeletal 3.09 | Falls 0.95 | Urinary diseases 1.43 |
| Bolivia (Plurinational State of) | Age-related hearing loss 1.08 | Diabetes 1.03 | Blindness and vision loss 1.09 | Oral disorders 1.46 | Low back pain 0.81 | Osteoarthritis 1.12 | Alzheimer's disease 0.93 | Other musculoskeletal 2.65 | Depressive disorders 1.07 | Falls 1.16 |
| Ecuador | Age-related hearing loss 1.11 | Diabetes 1.09 | Blindness and vision loss 1.04 | Oral disorders 1.34 | Low back pain 0.74 | Osteoarthritis 1.15 | Alzheimer's disease 0.91 | Other musculoskeletal 2.94 | Falls 1.21 | Urinary diseases 1.75 |
| Peru | Age-related hearing loss 1.04 | Blindness and vision loss 1.5 | Diabetes 0.72 | Oral disorders 1.46 | Low back pain 0.76 | Alzheimer's disease 0.88 | Osteoarthritis 1.07 | Other musculoskeletal 3.28 | Ischemic heart disease 0.78 | Falls 0.8 |
| Caribbean | Diabetes 1.54 | Age-related hearing loss 1.07 | Blindness and vision loss 1.09 | Low back pain 0.7 | Oral disorders 0.96 | Alzheimer's disease 0.86 | Osteoarthritis 1.04 | Total cancers 1.35 | Falls 1.04 | Depressive disorders 1.29 |
| Antigua and Barbuda | Diabetes 1.87 | Age-related hearing loss 1.13 | Low back pain 0.68 | Total cancers 1.49 | Blindness and vision loss 1.27 | Prostate cancer 3.18 | Oral disorders 0.91 | Osteoarthritis 0.94 | Alzheimer's disease 0.88 | Mechanical forces 1.96 |
| Bahamas | Diabetes 1.8 | Age-related hearing loss 1.21 | Low back pain 0.67 | Blindness and vision loss 1.64 | Total cancers 0.99 | Osteoarthritis 0.9 | Oral disorders 0.93 | Alzheimer's disease 0.87 | Prostate cancer 2.01 | Other musculoskeletal 2.3 |
| Barbados | Diabetes 1.63 | Age-related hearing loss 1.12 | Total cancers 1.75 | Low back pain 0.69 | Prostate cancer 3.54 | Oral disorders 0.93 | Osteoarthritis 0.98 | Alzheimer's disease 0.88 | Other musculoskeletal 2.66 | Ischemic heart disease 1.08 |
| Belize | Age-related hearing loss 1.02 | Diabetes 1 | Blindness and vision loss 0.77 | Low back pain 0.74 | Oral disorders 0.9 | Osteoarthritis 1.19 | Alzheimer's disease 0.89 | Ischemic heart disease 1.04 | Depressive disorders 1.07 | Chronic kidney disease 1.39 |
| Bermuda | Diabetes 1.44 | Age-related hearing loss 1.22 | Total cancers 1.58 | Low back pain 0.69 | Blindness and vision loss 1.61 | Prostate cancer 2.87 | Osteoarthritis 0.9 | Alzheimer's disease 0.91 | Oral disorders 0.92 | Ischemic heart disease 1.14 |
| Cuba | Diabetes 1.51 | Age-related hearing loss 1.05 | Blindness and vision loss 1.24 | Low back pain 0.68 | Falls 1.6 | Total cancers 1.83 | Oral disorders 0.91 | Alzheimer's disease 0.82 | Depressive disorders 1.55 | Osteoarthritis 1.06 |
| Dominica | Diabetes 2.23 | Age-related hearing loss 1.11 | Total cancers 1.74 | Blindness and vision loss 1.25 | Low back pain 0.69 | Prostate cancer 3.59 | Oral disorders 0.93 | Osteoarthritis 0.96 | Alzheimer's disease 0.84 | Chronic kidney disease 1.65 |
| Dominican Republic | Age-related hearing loss 1.02 | Diabetes 0.77 | Blindness and vision loss 0.92 | Low back pain 0.75 | Oral disorders 1.01 | Osteoarthritis 1.16 | Alzheimer's disease 0.88 | Depressive disorders 1.38 | Ischemic heart disease 1.1 | Road injuries 1.56 |
| Grenada | Diabetes 1.88 | Age-related hearing loss 1.05 | Total cancers 2.14 | Low back pain 0.7 | Blindness and vision loss 0.94 | Prostate cancer 4.26 | Oral disorders 0.89 | Osteoarthritis 1.03 | Chronic kidney disease 1.99 | Ischemic heart disease 0.96 |
| Guyana | Diabetes 1.77 | Age-related hearing loss 1.01 | Blindness and vision loss 0.81 | Low back pain 0.71 | Oral disorders 0.9 | Depressive disorders 1.46 | Osteoarthritis 1.09 | Lymphatic filariasis 8.35 | Falls 1.32 | Alzheimer's disease 0.84 |
| Haiti | Diabetes 1.68 | Age-related hearing loss 1.06 | Blindness and vision loss 0.74 | Low back pain 0.71 | Oral disorders 1.18 | Osteoarthritis 1.03 | Alzheimer's disease 0.96 | Nature disaster 187.22 | Depressive disorders 0.84 | Ischemic heart disease 1.03 |
| Jamaica | Diabetes 1.71 | Age-related hearing loss 1.07 | Blindness and vision loss 0.98 | Low back pain 0.72 | Alzheimer's disease 0.86 | Oral disorders 0.93 | Total cancers 1.49 | Osteoarthritis 1.03 | Ischemic heart disease 0.96 | Prostate cancer 2.86 |
| Puerto Rico | Diabetes 2.29 | Age-related hearing loss 1.2 | Low back pain 0.66 | Blindness and vision loss 1.59 | Alzheimer's disease 0.9 | Osteoarthritis 0.93 | Falls 0.74 | Oral disorders 0.94 | Ischemic heart disease 1.25 | Total cancers 0.74 |
| Saint Kitts and Nevis | Diabetes 1.89 | Age-related hearing loss 1.13 | Total cancers 2.17 | Prostate cancer 4.72 | Low back pain 0.68 | Blindness and vision loss 1.27 | Osteoarthritis 0.96 | Oral disorders 0.9 | Depressive disorders 1.45 | Chronic kidney disease 1.99 |
| Saint Lucia | Diabetes 1.89 | Age-related hearing loss 1.04 | Blindness and vision loss 0.94 | Low back pain 0.71 | Total cancers 1.76 | Oral disorders 0.89 | Osteoarthritis 1.05 | Alzheimer's disease 0.86 | Prostate cancer 3.39 | Chronic kidney disease 1.52 |
| Saint Vincent and the Grenadines | Diabetes 1.71 | Age-related hearing loss 1.02 | Blindness and vision loss 0.81 | Low back pain 0.7 | Oral disorders 0.88 | Osteoarthritis 1.11 | Total cancers 1.82 | Alzheimer's disease 0.87 | Ischemic heart disease 0.92 | Depressive disorders 1.13 |
| Suriname | Diabetes 1.76 | Age-related hearing loss 1.02 | Blindness and vision loss 0.98 | Low back pain 0.71 | Oral disorders 0.87 | Osteoarthritis 1.12 | Alzheimer's disease 0.84 | Depressive disorders 1.43 | Ischemic heart disease 1.07 | Chronic kidney disease 1.44 |
| Trinidad and Tobago | Diabetes 2.37 | Age-related hearing loss 1.15 | Low back pain 0.69 | Blindness and vision loss 1.31 | Osteoarthritis 0.94 | Oral disorders 0.91 | Ischemic heart disease 1.26 | Alzheimer's disease 0.86 | Other musculoskeletal 2.45 | Depressive disorders 1.3 |
| United States Virgin Islands | Diabetes 1.95 | Age-related hearing loss 1.2 | Total cancers 1.5 | Low back pain 0.67 | Prostate cancer 3 | Blindness and vision loss 1.64 | Osteoarthritis 0.95 | Oral disorders 0.78 | Other musculoskeletal 2.07 | Ischemic heart disease 1.1 |
| Central Latin America | Diabetes 1.48 | Age-related hearing loss 1.02 | Blindness and vision loss 1.14 | Low back pain 0.62 | Other musculoskeletal 3.9 | Osteoarthritis 1.27 | Alzheimer's disease 0.86 | Oral disorders 0.81 | Chronic kidney disease 1.76 | Falls 1.21 |
| Colombia | Diabetes 1.28 | Age-related hearing loss 1 | Blindness and vision loss 1.14 | Low back pain 0.72 | Alzheimer's disease 0.92 | Other musculoskeletal 4.28 | Osteoarthritis 1.11 | COPD 0.92 | Oral disorders 0.69 | Chronic kidney disease 1.38 |
| Costa Rica | Diabetes 1.5 | Age-related hearing loss 1.03 | Blindness and vision loss 1.24 | Low back pain 0.64 | Other musculoskeletal 4.12 | Alzheimer's disease 0.91 | Osteoarthritis 1.06 | Total cancers 1.41 | Oral disorders 0.79 | Chronic kidney disease 1.77 |
| El Salvador | Diabetes 1.4 | Age-related hearing loss 0.99 | Blindness and vision loss 1.16 | Low back pain 0.67 | Alzheimer's disease 0.95 | Osteoarthritis 1.16 | Chronic kidney disease 1.85 | Oral disorders 0.79 | Other musculoskeletal 2.83 | Falls 1.44 |
| Guatemala | Diabetes 1.57 | Age-related hearing loss 1.01 | Blindness and vision loss 1.05 | Low back pain 0.74 | Oral disorders 0.9 | Falls 2.04 | Osteoarthritis 1.12 | Alzheimer's disease 0.98 | Chronic kidney disease 1.97 | Depressive disorders 1.2 |
| Honduras | Diabetes 1.66 | Age-related hearing loss 1.03 | Blindness and vision loss 0.78 | Low back pain 0.69 | Other musculoskeletal 3.59 | Oral disorders 0.9 | Osteoarthritis 1.15 | Alzheimer's disease 1.01 | Depressive disorders 1.19 | Urinary diseases 1.81 |
| Mexico | Diabetes 1.6 | Age-related hearing loss 1.05 | Blindness and vision loss 1.21 | Osteoarthritis 1.44 | Other musculoskeletal 3.89 | Low back pain 0.55 | Falls 1.46 | Oral disorders 0.87 | Chronic kidney disease 1.93 | Alzheimer's disease 0.79 |
| Nicaragua | Diabetes 1.48 | Age-related hearing loss 1.02 | Blindness and vision loss 0.91 | Low back pain 0.68 | Other musculoskeletal 3.06 | Chronic kidney disease 2.19 | Osteoarthritis 1.16 | Oral disorders 0.87 | Alzheimer's disease 1.04 | Depressive disorders 1.06 |
| Panama | Diabetes 1.49 | Age-related hearing loss 1.04 | Blindness and vision loss 1.62 | Other musculoskeletal 4.37 | Low back pain 0.64 | Alzheimer's disease 0.9 | Osteoarthritis 1.03 | Oral disorders 0.79 | Chronic kidney disease 1.64 | Depressive disorders 1.23 |
| Venezuela (Bolivarian Republic of) | Diabetes 1.29 | Age-related hearing loss 1 | Blindness and vision loss 0.96 | Other musculoskeletal 4.08 | Low back pain 0.62 | Alzheimer's disease 0.88 | Osteoarthritis 1.07 | Oral disorders 0.79 | Depressive disorders 1.33 | Total cancers 1.76 |
| Tropical Latin America | Diabetes 1.03 | Age-related hearing loss 0.84 | Blindness and vision loss 1.19 | Low back pain 0.88 | Oral disorders 1.4 | Alzheimer's disease 1.2 | Falls 1.72 | Osteoarthritis 1.13 | Other musculoskeletal 3.04 | Ischemic heart disease 0.97 |
| Brazil | Diabetes 1.03 | Age-related hearing loss 0.84 | Blindness and vision loss 1.19 | Low back pain 0.88 | Oral disorders 1.41 | Alzheimer's disease 1.21 | Falls 1.74 | Osteoarthritis 1.13 | Other musculoskeletal 3.09 | Ischemic heart disease 0.97 |
| Paraguay | Age-related hearing loss 1.01 | Diabetes 1.01 | Blindness and vision loss 1.13 | Low back pain 0.86 | Alzheimer's disease 1.06 | Oral disorders 0.98 | Other musculoskeletal 3.37 | Osteoarthritis 1.07 | Ischemic heart disease 1.03 | Stroke 0.71 |
| North Africa and Middle East | Diabetes 1.18 | Age-related hearing loss 1.06 | Blindness and vision loss 1.48 | Low back pain 1.08 | COPD 1.49 | Alzheimer's disease 1.32 | Oral disorders 1.21 | Stroke 1.2 | Osteoarthritis 0.94 | Chronic kidney disease 1.84 |
| North Africa and Middle East | Blindness and vision loss 1.18 | Age-related hearing loss 1.06 | Blindness and vision loss 1.48 | Low back pain 1.08 | COPD 1.49 | Alzheimer's disease 1.32 | Oral disorders 1.21 | Stroke 1.2 | Osteoarthritis 0.94 | Chronic kidney disease 1.84 |
| Afghanistan | Blindness and vision loss 1.28 | Diabetes 1.53 | Conflict & terror 312.66 | Age-related hearing loss 1.06 | Low back pain 0.98 | Oral disorders 1.7 | Alzheimer's disease 1.48 | Stroke 1.18 | Lishmaniasis 899.21 | Depressive disorders 0.85 |
| Algeria | Diabetes 1.24 | Age-related hearing loss 1.02 | Blindness and vision loss 1.44 | Low back pain 1.03 | Stroke 1.28 | Alzheimer's disease 1.3 | Oral disorders 1.15 | COPD 1.12 | Osteoarthritis 0.98 | Chronic kidney disease 1.75 |
| Bahrain | Diabetes 3.03 | Age-related hearing loss 1.09 | Low back pain 0.97 | Blindness and vision loss 2.11 | COPD 1.25 | Oral disorders 1.12 | Alzheimer's disease 1.31 | Chronic kidney disease 2.53 | Ischemic heart disease 1.29 | Osteoarthritis 0.88 |
| Egypt | Age-related hearing loss 1.03 | Diabetes 0.91 | Blindness and vision loss 1.46 | Low back pain 1.06 | COPD 1.8 | Stroke 1.32 | Oral disorders 1.16 | Alzheimer's disease 1.26 | Chronic kidney disease 1.92 | Osteoarthritis 1 |
| Iran (Islamic Republic of) | Age-related hearing loss 1.05 | Diabetes 1.09 | Blindness and vision loss 1.8 | Low back pain 1.17 | Alzheimer's disease 1.32 | COPD 1.25 | Oral disorders 1.07 | Stroke 1.04 | Osteoarthritis 0.99 | Ischemic heart disease 0.99 |
| Iraq | Diabetes 1.28 | Age-related hearing loss 1.02 | Blindness and vision loss 1.56 | Low back pain 1.01 | Stroke 1.48 | Conflict & terror 737.61 | Oral disorders 1.15 | Alzheimer's disease 1.26 | Chronic kidney disease 2.12 | Ischemic heart disease 1.24 |
| Jordan | Diabetes 1.38 | Age-related hearing loss 1.09 | Low back pain 1.01 | Blindness and vision loss 1.55 | Stroke 1.52 | Oral disorders 1.24 | Alzheimer's disease 1.29 | COPD 0.97 | Chronic kidney disease 2.13 | Osteoarthritis 0.91 |
| Kuwait | Diabetes 2.43 | Age-related hearing loss 1.23 | Blindness and vision loss 3.07 | Low back pain 0.95 | Alzheimer's disease 1.37 | Oral disorders 1.22 | Stroke 1.18 | Ischemic heart disease 1.43 | Osteoarthritis 0.78 | Chronic kidney disease 2.04 |
| Lebanon | Diabetes 1.67 | Age-related hearing loss 1.06 | Blindness and vision loss 1.74 | COPD 1.65 | Low back pain 0.91 | Alzheimer's disease 1.29 | Oral disorders 1.18 | Stroke 1.06 | Total cancers 1.41 | Chronic kidney disease 1.91 |
| Libya | Diabetes 1.64 | Age-related hearing loss 1.06 | Blindness and vision loss 2.04 | Low back pain 0.98 | COPD 1.4 | Alzheimer's disease 1.25 | Oral disorders 1.17 | Stroke 1.05 | Ischemic heart disease 1.15 | Osteoarthritis 0.91 |
| Morocco | Diabetes 1.2 | Age-related hearing loss 1.02 | Low back pain 1.12 | Blindness and vision loss 0.89 | Oral disorders 1.26 | Alzheimer's disease 1.38 | Stroke 1.32 | COPD 1.27 | Ischemic heart disease 1.28 | Depressive disorders 1.32 |
| Oman | Diabetes 1.74 | Blindness and vision loss 4.23 | Age-related hearing loss 1.12 | Low back pain 0.97 | Stroke 1.61 | Oral disorders 1.16 | Chronic kidney disease 2.58 | Alzheimer's disease 1.3 | Ischemic heart disease 1.44 | Osteoarthritis 0.82 |
| Palestine | Diabetes 1.6 | Age-related hearing loss 0.98 | Blindness and vision loss 1.03 | Low back pain 1.03 | Depressive disorders 2.02 | Oral disorders 1.18 | Stroke 1.21 | Alzheimer's disease 1.33 | Conflict & terror 276.53 | Chronic kidney disease 1.98 |
| Qatar | Diabetes 3.55 | Age-related hearing loss 1.14 | Low back pain 0.98 | Blindness and vision loss 3.25 | Oral disorders 1.12 | Chronic kidney disease 2.94 | Stroke 1.07 | Osteoarthritis 0.81 | COPD 0.71 | Alzheimer's disease 1.32 |
| Saudi Arabia | Diabetes 1.71 | Blindness and vision loss 4.4 | Age-related hearing loss 1.14 | Falls 1.7 | Low back pain 0.96 | Stroke 1.6 | COPD 0.94 | Oral disorders 1.12 | Alzheimer's disease 1.27 | Osteoarthritis 0.96 |
| Sudan | Diabetes 1.21 | Blindness and vision loss 1.27 | Age-related hearing loss 1.03 | Low back pain 1.03 | Oral disorders 1.25 | Stroke 1.35 | Alzheimer's disease 1.39 | COPD 1.06 | Osteoarthritis 1.02 | Ischemic heart disease 1.17 |
| Syrian Arab Republic | Diabetes 1.1 | Age-related hearing loss 1 | Conflict & terror 843.55 | Blindness and vision loss 1.29 | Low back pain 1.03 | Oral disorders 1.18 | Alzheimer's disease 1.29 | Stroke 1.11 | COPD 1.37 | Ischemic heart disease 1.2 |
| Tunisia | Diabetes 1.54 | Age-related hearing loss 1.03 | Blindness and vision loss 1.37 | Low back pain 0.98 | COPD 1.74 | Alzheimer's disease 1.29 | Oral disorders 1.16 | Stroke 1.05 | Depressive disorders 1.73 | Osteoarthritis 0.94 |
| Turkey | Age-related hearing loss 1.13 | Diabetes 1.14 | COPD 2.14 | Low back pain 1.16 | Blindness and vision loss 1.47 | Alzheimer's disease 1.33 | Oral disorders 1.32 | Stroke 1.02 | Chronic kidney disease 1.98 | Osteoarthritis 0.83 |
| United Arab Emirates | Diabetes 2.61 | Age-related hearing loss 1.22 | Stroke 2.27 | Low back pain 0.94 | Blindness and vision loss 4.18 | COPD 0.89 | Oral disorders 1.23 | Chronic kidney disease 2.94 | Alzheimer's disease 1.23 | Osteoarthritis 0.72 |
| Yemen | Age-related hearing loss 1.06 | Blindness and vision loss 1.04 | Diabetes 0.96 | Low back pain 1.03 | Oral disorders 1.56 | Stroke 1.3 | Alzheimer's disease 1.48 | COPD 1.19 | Depressive disorders 0.9 | Osteoarthritis 0.93 |
| South Asia | Blindness and vision loss 1.53 | COPD 3.16 | Age-related hearing loss 0.99 | Diabetes 0.97 | Road injuries 3.05 | Low back pain 0.77 | Falls 2.14 | Dietary iron deficiency 4.48 | Depressive disorders 1.44 | Other musculoskeletal 2.67 |
| South Asia | Blindness and vision loss 1.53 | COPD 3.16 | Age-related hearing loss 0.99 | Diabetes 0.97 | Road injuries 3.05 | Low back pain 0.77 | Falls 2.14 | Dietary iron deficiency 4.48 | Depressive disorders 1.44 | Other musculoskeletal 2.67 |
| Bangladesh | Blindness and vision loss 1.17 | Age-related hearing loss 0.98 | COPD 2.1 | Diabetes 0.83 | Low back pain 1.03 | Depressive disorders 1.66 | Road injuries 2.2 | Other musculoskeletal 3.56 | Alzheimer's disease 1.09 | Dietary iron deficiency 2.83 |
| Bhutan | COPD 3.01 | Age-related hearing loss 0.98 | Diabetes 0.95 | Low back pain 1.02 | Blindness and vision loss 0.71 | Road injuries 2.18 | Depressive disorders 1.4 | Falls 2.21 | Alzheimer's disease 0.95 | Osteoarthritis 0.99 |
| India | Blindness and vision loss 1.61 | COPD 3.38 | Age-related hearing loss 0.99 | Diabetes 0.97 | Road injuries 3.36 | Low back pain 0.72 | Falls 2.43 | Dietary iron deficiency 5.01 | Depressive disorders 1.44 | Other musculoskeletal 2.57 |
| Nepal | COPD 3.15 | Age-related hearing loss 0.94 | Blindness and vision loss 0.98 | Diabetes 1.04 | Low back pain 1.13 | Depressive disorders 1.59 | Dietary iron deficiency 2.9 | Falls 2.01 | Road injuries 1.42 | Osteoarthritis 0.95 |
| Pakistan | Blindness and vision loss 1.47 | Age-related hearing loss 1.03 | Diabetes 1.21 | COPD 2.61 | Low back pain 0.87 | Dietary iron deficiency 3.17 | Depressive disorders 1.11 | Road injuries 1.54 | Osteoarthritis 0.95 | Oral disorders 0.8 |
| Southeast Asia, East Asia, and Oceania | Age-related hearing loss 1.15 | Stroke 1.78 | Blindness and vision loss 1.25 | Diabetes 0.65 | COPD 1.68 | Low back pain 0.75 | Alzheimer's disease 1.09 | Falls 1.09 | Oral disorders 0.76 | Osteoarthritis 0.9 |
| East Asia | Age-related hearing loss 1.19 | Stroke 1.82 | COPD 1.55 | Blindness and vision loss 1.12 | Diabetes 0.56 | Low back pain 0.67 | Alzheimer's disease 1.16 | Falls 1.12 | Osteoarthritis 0.96 | Oral disorders 0.75 |
| China | Age-related hearing loss 1.19 | Stroke 1.83 | Blindness and vision loss 1.14 | COPD 1.58 | Diabetes 0.55 | Low back pain 0.65 | Alzheimer's disease 1.17 | Falls 1.16 | Osteoarthritis 0.96 | Oral disorders 0.75 |
| Democratic People's Republic of Korea | Age-related hearing loss 1.01 | Low back pain 1.09 | COPD 2.29 | Stroke 1.77 | Diabetes 0.64 | Oral disorders 0.73 | Blindness and vision loss 0.89 | Osteoarthritis 0.96 | Alzheimer's disease 0.95 | Urinary diseases 1.47 |
| Taiwan (Province of China) | Diabetes 1.32 | Age-related hearing loss 1.09 | Low back pain 1.12 | Stroke 1.35 | Chronic kidney disease 3.25 | Alzheimer's disease 0.87 | Total cancers 0.65 | Osteoarthritis 0.72 | COPD 0.47 | Urinary diseases 2.21 |
| Oceania | Diabetes 1.79 | Age-related hearing loss 0.98 | Low back pain 1.19 | Blindness and vision loss 1.02 | Stroke 1.49 | Oral disorders 1.4 | COPD 1.43 | Ischemic heart disease 1.19 | Alzheimer's disease 0.97 | Osteoarthritis 0.79 |
| American Samoa | Diabetes 2.54 | Age-related hearing loss 0.98 | Low back pain 1.17 | Stroke 1.56 | Blindness and vision loss 1.33 | Oral disorders 1.11 | Ischemic heart disease 1.17 | Alzheimer's disease 0.85 | COPD 0.78 | Chronic kidney disease 1.76 |
| Cook Islands | Diabetes 2.03 | Age-related hearing loss 1.03 | Low back pain 1.17 | COPD 1.49 | Stroke 1.75 | Blindness and vision loss 1.83 | Oral disorders 1.13 | Alzheimer's disease 0.87 | Total cancers 0.97 | Osteoarthritis 0.75 |
| Fiji | Diabetes 2.68 | Age-related hearing loss 0.94 | Low back pain 1.15 | Blindness and vision loss 1.42 | Stroke 1.52 | Oral disorders 1.09 | Ischemic heart disease 1.2 | Chronic kidney disease 1.9 | Osteoarthritis 0.81 | Urinary diseases 1.53 |
| Guam | Diabetes 1.43 | Age-related hearing loss 1.11 | Low back pain 1.16 | Stroke 1.89 | Blindness and vision loss 2.06 | Oral disorders 1.14 | Ischemic heart disease 1.53 | Alzheimer's disease 0.89 | Osteoarthritis 0.7 | COPD 0.48 |
| Kiribati | Diabetes 2.13 | | | | | | | | | |

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|----------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|------------------------|------------------------|------------------------|-------------------------|
| Samoa | Diabetes | Age-related hearing loss | Low back pain | Stroke | Blindness and vision loss | Oral disorders | Alzheimer's disease | COPD | Ischemic heart disease | Osteoarthritis |
| Solomon Islands | Diabetes | Age-related hearing loss | Low back pain | Blindness and vision loss | Stroke | Oral disorders | Ischemic heart disease | COPD | Diarrheal diseases | Alzheimer's disease |
| Tokelau | Diabetes | Age-related hearing loss | Low back pain | COPD | Blindness and vision loss | Stroke | Oral disorders | Alzheimer's disease | Ischemic heart disease | Osteoarthritis |
| Tonga | Diabetes | Age-related hearing loss | Low back pain | Stroke | Oral disorders | Blindness and vision loss | Ischemic heart disease | COPD | Alzheimer's disease | Osteoarthritis |
| Tuvalu | Diabetes | Age-related hearing loss | Low back pain | Blindness and vision loss | COPD | Stroke | Oral disorders | Ischemic heart disease | Alzheimer's disease | Osteoarthritis |
| Vanuatu | Diabetes | Age-related hearing loss | Low back pain | Stroke | Blindness and vision loss | Oral disorders | Ischemic heart disease | COPD | Alzheimer's disease | Osteoarthritis |
| Southeast Asia | Diabetes | Blindness and vision loss | Age-related hearing loss | COPD | Low back pain | Stroke | Oral disorders | Alzheimer's disease | Neck pain | Ischemic heart disease |
| Cambodia | Diabetes | Blindness and vision loss | Age-related hearing loss | Low back pain | COPD | Stroke | Falls | Oral disorders | Alzheimer's disease | Neck pain |
| Indonesia | Blindness and vision loss | Age-related hearing loss | Diabetes | Low back pain | Stroke | COPD | Oral disorders | Neck pain | Ischemic heart disease | Alzheimer's disease |
| Lao People's Democratic Republic | Diabetes | Age-related hearing loss | Low back pain | COPD | Blindness and vision loss | Stroke | Alzheimer's disease | Neck pain | Oral disorders | Urinary diseases |
| Malaysia | Diabetes | Age-related hearing loss | Blindness and vision loss | Low back pain | COPD | Stroke | Oral disorders | Ischemic heart disease | Alzheimer's disease | Road injuries |
| Maldives | Diabetes | Age-related hearing loss | COPD | Low back pain | Blindness and vision loss | Stroke | Alzheimer's disease | Ischemic heart disease | Oral disorders | Neck pain |
| Mauritius | Diabetes | Age-related hearing loss | Low back pain | Blindness and vision loss | COPD | Stroke | Oral disorders | Alzheimer's disease | Chronic kidney disease | Neck pain |
| Myanmar | Diabetes | COPD | Blindness and vision loss | Age-related hearing loss | Low back pain | Stroke | Falls | Alzheimer's disease | Neck pain | Oral disorders |
| Philippines | COPD | Age-related hearing loss | Low back pain | Blindness and vision loss | Diabetes | Stroke | Oral disorders | Neck pain | Alzheimer's disease | Ischemic heart disease |
| Seychelles | Diabetes | Age-related hearing loss | Blindness and vision loss | Low back pain | COPD | Stroke | Total cancers | Oral disorders | Alzheimer's disease | Neck pain |
| Sri Lanka | Diabetes | Age-related hearing loss | Blindness and vision loss | Low back pain | COPD | Stroke | Falls | Alzheimer's disease | Oral disorders | Neck pain |
| Thailand | Diabetes | Age-related hearing loss | Low back pain | COPD | Blindness and vision loss | Stroke | Alzheimer's disease | Oral disorders | Other musculoskeletal | Ischemic heart disease |
| Timor-Leste | Blindness and vision loss | Diabetes | Age-related hearing loss | Low back pain | Stroke | COPD | Oral disorders | Neck pain | Alzheimer's disease | Conflict & terror |
| Viet Nam | Diabetes | Age-related hearing loss | Low back pain | Blindness and vision loss | COPD | Stroke | Alzheimer's disease | Falls | Neck pain | Urinary diseases |
| Sub-Saharan Africa | Age-related hearing loss | Blindness and vision loss | Diabetes | Low back pain | Depressive disorders | Road injuries | Osteoarthritis | COPD | Stroke | Alzheimer's disease |
| Central Sub-Saharan Africa | Diabetes | Age-related hearing loss | Low back pain | Onchocerciasis | Depressive disorders | Blindness and vision loss | COPD | Osteoarthritis | Stroke | Alzheimer's disease |
| Angola | Diabetes | Age-related hearing loss | Low back pain | Blindness and vision loss | Depressive disorders | Stroke | Osteoarthritis | COPD | Alzheimer's disease | Oral disorders |
| Central African Republic | Diabetes | Age-related hearing loss | Low back pain | Onchocerciasis | Depressive disorders | Blindness and vision loss | COPD | Osteoarthritis | Stroke | Oral disorders |
| Congo | Diabetes | Age-related hearing loss | Low back pain | Blindness and vision loss | Depressive disorders | Stroke | Osteoarthritis | COPD | Alzheimer's disease | Oral disorders |
| Democratic Republic of the Congo | Diabetes | Age-related hearing loss | Onchocerciasis | Low back pain | Depressive disorders | Blindness and vision loss | COPD | Osteoarthritis | Alzheimer's disease | Stroke |
| Equatorial Guinea | Diabetes | Age-related hearing loss | Blindness and vision loss | Low back pain | Depressive disorders | Stroke | Osteoarthritis | COPD | Alzheimer's disease | Oral disorders |
| Gabon | Diabetes | Age-related hearing loss | Low back pain | Blindness and vision loss | Depressive disorders | Stroke | Osteoarthritis | COPD | Alzheimer's disease | Road injuries |
| Eastern Sub-Saharan Africa | Age-related hearing loss | Blindness and vision loss | Low back pain | Diabetes | Depressive disorders | Road injuries | Osteoarthritis | Stroke | COPD | Alzheimer's disease |
| Burundi | Age-related hearing loss | Low back pain | Diabetes | Depressive disorders | Blindness and vision loss | COPD | Road injuries | Osteoarthritis | Conflict & terror | Stroke |
| Comoros | Age-related hearing loss | Low back pain | Blindness and vision loss | Diabetes | Road injuries | Depressive disorders | Stroke | Osteoarthritis | COPD | Alzheimer's disease |
| Djibouti | Age-related hearing loss | Diabetes | Low back pain | Blindness and vision loss | Depressive disorders | Stroke | Road injuries | Osteoarthritis | COPD | Ischemic heart disease |
| Eritrea | Blindness and vision loss | Age-related hearing loss | Diabetes | Low back pain | Conflict & terror | Depressive disorders | Road injuries | COPD | Osteoarthritis | Stroke |
| Ethiopia | Blindness and vision loss | Age-related hearing loss | Low back pain | Diabetes | Depressive disorders | Osteoarthritis | Road injuries | Alzheimer's disease | COPD | Ischemic heart disease |
| Kenya | Age-related hearing loss | Blindness and vision loss | Low back pain | Diabetes | Depressive disorders | COPD | Osteoarthritis | Stroke | Ischemic heart disease | Road injuries |
| Madagascar | Age-related hearing loss | Low back pain | Diabetes | Blindness and vision loss | Depressive disorders | COPD | Stroke | Road injuries | Osteoarthritis | Alzheimer's disease |
| Malawi | Diabetes | Blindness and vision loss | Age-related hearing loss | Low back pain | Depressive disorders | COPD | Stroke | Osteoarthritis | Road injuries | Ischemic heart disease |
| Mozambique | Diabetes | Age-related hearing loss | Blindness and vision loss | Low back pain | Road injuries | Depressive disorders | Stroke | COPD | Osteoarthritis | HIV/AIDS |
| Rwanda | Age-related hearing loss | Low back pain | Diabetes | Blindness and vision loss | Depressive disorders | Road injuries | COPD | Osteoarthritis | Stroke | Conflict & terror |
| Somalia | Age-related hearing loss | Low back pain | Blindness and vision loss | Diabetes | Depressive disorders | Road injuries | Osteoarthritis | COPD | Stroke | Dietary iron deficiency |
| South Sudan | Onchocerciasis | Blindness and vision loss | Age-related hearing loss | Low back pain | Diabetes | Depressive disorders | Road injuries | Stroke | Osteoarthritis | COPD |
| Uganda | Diabetes | Low back pain | Depressive disorders | Age-related hearing loss | Blindness and vision loss | Road injuries | COPD | Stroke | Osteoarthritis | Alzheimer's disease |
| United Republic of Tanzania | Blindness and vision loss | Age-related hearing loss | Low back pain | Diabetes | Depressive disorders | Stroke | Road injuries | Osteoarthritis | Alzheimer's disease | COPD |
| Zambia | Age-related hearing loss | Diabetes | Blindness and vision loss | Low back pain | Depressive disorders | COPD | Osteoarthritis | Stroke | Road injuries | Alzheimer's disease |
| Southern Sub-Saharan Africa | Diabetes | Age-related hearing loss | Blindness and vision loss | COPD | Low back pain | Osteoarthritis | Stroke | Depressive disorders | Oral disorders | Alzheimer's disease |
| Botswana | Diabetes | Blindness and vision loss | Age-related hearing loss | COPD | Low back pain | Stroke | Osteoarthritis | HIV/AIDS | Depressive disorders | Endo/metab/blood/immun |
| Eswatini | Diabetes | Age-related hearing loss | Blindness and vision loss | COPD | Low back pain | HIV/AIDS | Depressive disorders | Stroke | Osteoarthritis | Oral disorders |
| Lesotho | Blindness and vision loss | Diabetes | Age-related hearing loss | COPD | Low back pain | HIV/AIDS | Depressive disorders | Osteoarthritis | Stroke | Oral disorders |
| Namibia | Age-related hearing loss | Diabetes | Blindness and vision loss | COPD | Low back pain | Stroke | Osteoarthritis | Oral disorders | Depressive disorders | Alzheimer's disease |
| South Africa | Diabetes | Age-related hearing loss | Blindness and vision loss | COPD | Low back pain | Osteoarthritis | Stroke | Depressive disorders | Oral disorders | Alzheimer's disease |
| Zimbabwe | Diabetes | Blindness and vision loss | Age-related hearing loss | Low back pain | COPD | Depressive disorders | Osteoarthritis | Stroke | Oral disorders | Alzheimer's disease |
| Western Sub-Saharan Africa | Blindness and vision loss | Age-related hearing loss | Diabetes | Low back pain | Depressive disorders | Road injuries | Osteoarthritis | Stroke | COPD | Alzheimer's disease |
| Berlin | Diabetes | Age-related hearing loss | Blindness and vision loss | Low back pain | Depressive disorders | Road injuries | Osteoarthritis | COPD | Stroke | Oral disorders |
| Burkina Faso | Blindness and vision loss | Age-related hearing loss | Diabetes | Low back pain | Depressive disorders | Road injuries | Osteoarthritis | Alzheimer's disease | COPD | Stroke |
| Cabo Verde | Diabetes | Age-related hearing loss | Blindness and vision loss | Low back pain | Depressive disorders | Alzheimer's disease | Stroke | Osteoarthritis | Road injuries | COPD |
| Cameroon | Diabetes | Age-related hearing loss | Low back pain | Blindness and vision loss | Road injuries | Depressive disorders | COPD | Osteoarthritis | Stroke | Onchocerciasis |
| Chad | Blindness and vision loss | Age-related hearing loss | Diabetes | Low back pain | Depressive disorders | Road injuries | Osteoarthritis | Stroke | COPD | Oral disorders |
| Côte d'Ivoire | Diabetes | Blindness and vision loss | Age-related hearing loss | Low back pain | Road injuries | Depressive disorders | Stroke | Osteoarthritis | COPD | Oral disorders |
| Gambia | Age-related hearing loss | Blindness and vision loss | Diabetes | Low back pain | Depressive disorders | Road injuries | COPD | Osteoarthritis | Stroke | Tuberculosis |
| Ghana | Diabetes | Age-related hearing loss | Blindness and vision loss | Low back pain | Depressive disorders | Road injuries | Stroke | COPD | Osteoarthritis | Alzheimer's disease |
| Guinea | Blindness and vision loss | Age-related hearing loss | Diabetes | Low back pain | Road injuries | Depressive disorders | COPD | Osteoarthritis | Stroke | Alzheimer's disease |
| Guinea-Bissau | Blindness and vision loss | Age-related hearing loss | Diabetes | Low back pain | Depressive disorders | Road injuries | COPD | Stroke | Osteoarthritis | Oral disorders |
| Liberia | Diabetes | Age-related hearing loss | Blindness and vision loss | Onchocerciasis | Low back pain | Depressive disorders | Road injuries | Osteoarthritis | Stroke | Alzheimer's disease |
| Mali | Blindness and vision loss | Age-related hearing loss | Diabetes | Low back pain | COPD | Road injuries | Depressive disorders | Osteoarthritis | Alzheimer's disease | Stroke |
| Mauritania | Age-related hearing loss | Blindness and vision loss | Low back pain | Diabetes | Depressive disorders | Road injuries | Osteoarthritis | Stroke | COPD | Oral disorders |
| Niger | Age-related hearing loss | Blindness and vision loss | Low back pain | Diabetes | Depressive disorders | Road injuries | Osteoarthritis | COPD | Stroke | Diarrheal diseases |
| Nigeria | Blindness and vision loss | Age-related hearing loss | Low back pain | Diabetes | Depressive disorders | Road injuries | Osteoarthritis | Stroke | COPD | Alzheimer's disease |
| Sao Tome and Principe | Diabetes | COPD | Age-related hearing loss | Blindness and vision loss | Low back pain | Stroke | Road injuries | Falls | Osteoarthritis | Depressive disorders |
| Senegal | Diabetes | Blindness and vision loss | Age-related hearing loss | Low back pain | Depressive disorders | Road injuries | COPD | Osteoarthritis | Stroke | Oral disorders |
| Sierra Leone | Age-related hearing loss | Blindness and vision loss | Low back pain | Diabetes | Depressive disorders | Road injuries | Onchocerciasis | Stroke | Osteoarthritis | COPD |
| Togo | Age-related hearing loss | Blindness and vision loss | Low back pain | Diabetes | Depressive disorders | COPD | Road injuries | Stroke | Osteoarthritis | Oral disorders |

Values shown in brackets represent the ratio of observed YLDs to predicted YLDs on the basis of Socio-Demographic Index (SDI), rounded to two (2) digits. Color ranges (shown below) were calculated to place a roughly equal number of cells into each bin.

COLOR KEY: [0.00,0.84] [0.84,0.93] [0.93,0.98] [0.98,1.04] [1.04,1.12] [1.12,1.18] [1.18,1.29] [1.29,1.5] [1.5,1.93] [1.93,...]

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|----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Samoa | Diabetes 1.46 | Low back pain 1.35 | Age-related hearing loss 0.95 | Stroke 1.64 | Blindness and vision loss 1.12 | Alzheimer's disease 0.92 | Oral disorders 0.97 | COPD 1.7 | Osteoarthritis 0.89 | Chronic kidney disease 1.74 |
| Solomon Islands | Low back pain 1.34 | Diabetes 1.36 | Age-related hearing loss 1.01 | Blindness and vision loss 0.85 | Stroke 1.67 | Falls 3.46 | Oral disorders 1.34 | COPD 1.19 | Dietary iron deficiency 1.64 | Osteoarthritis 0.89 |
| Tokelau | Diabetes 1.44 | Low back pain 1.31 | Age-related hearing loss 0.92 | COPD 3.83 | Stroke 1.47 | Blindness and vision loss 1.01 | Alzheimer's disease 0.93 | Oral disorders 0.94 | Osteoarthritis 0.9 | Chronic kidney disease 1.6 |
| Tonga | Diabetes 1.34 | Low back pain 1.34 | Age-related hearing loss 0.94 | Stroke 1.39 | Blindness and vision loss 0.81 | Alzheimer's disease 0.93 | Oral disorders 0.96 | Osteoarthritis 0.9 | COPD 1.55 | Ischemic heart disease 1.67 |
| Tuvalu | Diabetes 1.56 | Low back pain 1.32 | Age-related hearing loss 0.93 | Stroke 1.47 | Blindness and vision loss 0.96 | COPD 3.18 | Oral disorders 0.98 | Alzheimer's disease 0.94 | Osteoarthritis 0.9 | Dietary iron deficiency 2.68 |
| Vanuatu | Diabetes 1.62 | Low back pain 1.45 | Stroke 2.11 | Age-related hearing loss 0.97 | Blindness and vision loss 0.71 | Oral disorders 1.14 | COPD 1.32 | Dietary iron deficiency 1.92 | Alzheimer's disease 0.98 | Osteoarthritis 0.9 |
| Southeast Asia | Blindness and vision loss 1.92 | Low back pain 1.16 | Diabetes 1.03 | Age-related hearing loss 1 | Stroke 1.45 | COPD 1.89 | Alzheimer's disease 0.91 | Oral disorders 0.86 | Other musculoskeletal 2.5 | Neck pain 2 |
| Cambodia | Blindness and vision loss 1.44 | Diabetes 1.33 | Age-related hearing loss 1 | Low back pain 1.19 | Stroke 1.4 | Falls 2.39 | Alzheimer's disease 1 | Oral disorders 0.98 | COPD 1.2 | Other musculoskeletal 1.17 |
| Indonesia | Blindness and vision loss 3.11 | Stroke 1.93 | Low back pain 1.26 | Age-related hearing loss 1 | Diabetes 0.7 | Oral disorders 0.93 | COPD 1.84 | Alzheimer's disease 0.85 | Other musculoskeletal 2.76 | Neck pain 2.06 |
| Lao People's Democratic Republic | Diabetes 1.58 | Age-related hearing loss 1 | Low back pain 1.16 | Blindness and vision loss 0.86 | Stroke 1.68 | COPD 1.66 | Alzheimer's disease 0.99 | Other musculoskeletal 1.24 | Neck pain 1.89 | Osteoarthritis 0.72 |
| Malaysia | Diabetes 1.49 | Low back pain 1.07 | Blindness and vision loss 2.21 | Age-related hearing loss 1.13 | Stroke 1.7 | Oral disorders 1.06 | Alzheimer's disease 0.95 | Other musculoskeletal 3 | COPD 1.44 | Chronic kidney disease 2.02 |
| Maldives | COPD 4.01 | Age-related hearing loss 0.96 | Diabetes 1.05 | Low back pain 1.07 | Blindness and vision loss 0.93 | Stroke 0.99 | Alzheimer's disease 1.03 | Oral disorders 0.81 | Other musculoskeletal 1.74 | Chronic kidney disease 1.82 |
| Mauritius | Diabetes 2.28 | Age-related hearing loss 1.05 | Blindness and vision loss 1.81 | Low back pain 0.95 | Stroke 1.21 | Oral disorders 1.06 | Alzheimer's disease 0.89 | Chronic kidney disease 2.65 | Other musculoskeletal 3.22 | Depressive disorders 0.95 |
| Myanmar | Blindness and vision loss 1.43 | Diabetes 1.45 | COPD 3.51 | Age-related hearing loss 0.99 | Low back pain 1.05 | Alzheimer's disease 0.98 | Stroke 0.86 | Falls 1.98 | Other musculoskeletal 1.2 | Neck pain 1.84 |
| Philippines | Low back pain 1.36 | Age-related hearing loss 1 | Blindness and vision loss 1.36 | Diabetes 0.95 | Stroke 1.31 | Oral disorders 1.09 | Alzheimer's disease 0.89 | Neck pain 2.6 | COPD 1.7 | Other musculoskeletal 2.01 |
| Seychelles | Diabetes 2.24 | Blindness and vision loss 2.04 | Age-related hearing loss 1.08 | Low back pain 1 | Stroke 1.49 | Alzheimer's disease 0.88 | Other musculoskeletal 3.3 | Oral disorders 0.78 | COPD 1.25 | Chronic kidney disease 2.14 |
| Sri Lanka | Diabetes 2.25 | Age-related hearing loss 1.06 | Blindness and vision loss 1.69 | Low back pain 0.95 | Stroke 1.25 | Alzheimer's disease 0.91 | COPD 1.68 | Other musculoskeletal 2.75 | Falls 1.2 | Oral disorders 0.71 |
| Thailand | Age-related hearing loss 1.02 | Diabetes 1.02 | Low back pain 1.01 | Blindness and vision loss 1.43 | Stroke 1.07 | Alzheimer's disease 0.93 | Other musculoskeletal 4.32 | Oral disorders 0.81 | Chronic kidney disease 1.91 | COPD 1.28 |
| Timor-Leste | Blindness and vision loss 1.69 | Diabetes 1.16 | Age-related hearing loss 0.99 | Stroke 1.81 | Low back pain 1.05 | COPD 1.56 | Oral disorders 0.88 | Alzheimer's disease 0.98 | Other musculoskeletal 1.13 | Neck pain 1.86 |
| Viet Nam | Blindness and vision loss 1.35 | Diabetes 1.05 | Age-related hearing loss 0.92 | Low back pain 1.16 | Stroke 1.33 | COPD 2.27 | Alzheimer's disease 0.94 | Falls 1.92 | Oral disorders 0.72 | Neck pain 1.96 |
| Sub-Saharan Africa | Blindness and vision loss 1.07 | Age-related hearing loss 0.96 | Low back pain 0.96 | Diabetes 0.96 | Depressive disorders 1.46 | Stroke 0.97 | Osteoarthritis 1.08 | Alzheimer's disease 0.98 | COPD 1.21 | Oral disorders 0.66 |
| Central Sub-Saharan Africa | Age-related hearing loss 0.95 | Low back pain 1.03 | Diabetes 1.01 | Depressive disorders 1.37 | Blindness and vision loss 0.61 | Alzheimer's disease 1.33 | COPD 1.63 | Stroke 0.92 | Osteoarthritis 1.05 | Onchocerciasis 24.18 |
| Angola | Age-related hearing loss 0.94 | Low back pain 1.02 | Blindness and vision loss 0.81 | Diabetes 0.9 | Depressive disorders 1.57 | Stroke 1.12 | Alzheimer's disease 1.33 | COPD 1.43 | Osteoarthritis 1.07 | Oral disorders 0.58 |
| Central African Republic | Age-related hearing loss 0.99 | Low back pain 1.07 | Diabetes 1.24 | Blindness and vision loss 0.62 | Depressive disorders 1.11 | Alzheimer's disease 1.49 | Stroke 0.96 | Onchocerciasis 6.39 | COPD 1.26 | Osteoarthritis 1.03 |
| Congo | Age-related hearing loss 0.89 | Diabetes 0.89 | Low back pain 1 | Blindness and vision loss 0.84 | Depressive disorders 1.69 | Stroke 1.18 | COPD 2.47 | Alzheimer's disease 1.31 | Osteoarthritis 1.09 | Other musculoskeletal 1.14 |
| Democratic Republic of the Congo | Age-related hearing loss 0.96 | Low back pain 1.03 | Diabetes 1.05 | Depressive disorders 1.31 | COPD 1.65 | Alzheimer's disease 1.33 | Blindness and vision loss 0.53 | Onchocerciasis 29.61 | Osteoarthritis 1.04 | Stroke 0.84 |
| Equatorial Guinea | Blindness and vision loss 1.77 | Age-related hearing loss 0.96 | Diabetes 0.92 | Low back pain 0.94 | Depressive disorders 1.74 | Stroke 1.13 | COPD 2.4 | Alzheimer's disease 1.16 | Osteoarthritis 0.97 | Other musculoskeletal 2.16 |
| Gabon | Age-related hearing loss 0.93 | Diabetes 0.91 | Low back pain 0.96 | Blindness and vision loss 1.06 | Depressive disorders 1.69 | Alzheimer's disease 1.18 | Stroke 1.07 | Osteoarthritis 1.05 | COPD 1.6 | Other musculoskeletal 2.07 |
| Eastern Sub-Saharan Africa | Blindness and vision loss 1.03 | Age-related hearing loss 0.94 | Low back pain 0.92 | Depressive disorders 1.45 | Diabetes 0.78 | Stroke 0.99 | Alzheimer's disease 1.08 | Osteoarthritis 1.07 | COPD 0.87 | Dietary iron deficiency 1.28 |
| Burundi | Age-related hearing loss 0.95 | Low back pain 1.04 | Depressive disorders 0.88 | Diabetes 0.88 | Blindness and vision loss 0.63 | Stroke 1.12 | Alzheimer's disease 1.03 | Osteoarthritis 1.03 | COPD 0.95 | Dietary iron deficiency 1.31 |
| Comoros | Age-related hearing loss 0.91 | Blindness and vision loss 0.92 | Low back pain 0.93 | Depressive disorders 1.46 | Stroke 1.23 | Diabetes 1.06 | Alzheimer's disease 1.07 | Osteoarthritis 1.07 | Road injuries 1.63 | Dietary iron deficiency 1.48 |
| Djibouti | Age-related hearing loss 0.89 | Blindness and vision loss 0.89 | Low back pain 0.85 | Depressive disorders 1.55 | Diabetes 0.78 | Stroke 1.24 | Osteoarthritis 1.09 | Alzheimer's disease 1.08 | Dietary iron deficiency 1.33 | Road injuries 2.14 |
| Eritrea | Blindness and vision loss 1.02 | Age-related hearing loss 0.91 | Depressive disorders 1.45 | Low back pain 0.83 | Diabetes 0.83 | Stroke 0.96 | Osteoarthritis 1.03 | Alzheimer's disease 1.08 | Dietary iron deficiency 1.52 | COPD 0.97 |
| Ethiopia | Blindness and vision loss 1.24 | Age-related hearing loss 0.98 | Low back pain 0.95 | Depressive disorders 1.21 | Diabetes 0.75 | Alzheimer's disease 1.1 | Osteoarthritis 1.08 | Stroke 0.72 | Trachoma 12.42 | Falls 1.36 |
| Kenya | Age-related hearing loss 1.18 | Blindness and vision loss 1.14 | Low back pain 0.92 | Depressive disorders 1.78 | Stroke 0.98 | Diabetes 0.53 | Alzheimer's disease 1.03 | Osteoarthritis 1.09 | COPD 1.21 | Dietary iron deficiency 1.24 |
| Madagascar | Age-related hearing loss 1 | Blindness and vision loss 0.76 | Low back pain 0.91 | Stroke 1.43 | Depressive disorders 1.45 | Diabetes 0.74 | COPD 1.42 | Osteoarthritis 1.04 | Alzheimer's disease 1.05 | Dietary iron deficiency 1.58 |
| Malawi | Blindness and vision loss 0.94 | Age-related hearing loss 0.93 | Low back pain 0.91 | Diabetes 0.93 | Depressive disorders 1.18 | Stroke 0.98 | Alzheimer's disease 1.08 | Osteoarthritis 1.07 | Dietary iron deficiency 1.41 | COPD 0.76 |
| Mozambique | Blindness and vision loss 0.98 | Age-related hearing loss 0.94 | Low back pain 0.96 | Depressive disorders 1.28 | Diabetes 0.93 | Stroke 1.25 | Alzheimer's disease 1.09 | Osteoarthritis 1.05 | Road injuries 2.2 | Dietary iron deficiency 1.35 |
| Rwanda | Age-related hearing loss 0.91 | Depressive disorders 1.76 | Low back pain 0.94 | Blindness and vision loss 0.61 | Diabetes 0.73 | Alzheimer's disease 1.09 | Stroke 0.89 | Osteoarthritis 1.06 | COPD 1.14 | Conflict & terror 225.07 |
| Somalia | Age-related hearing loss 1 | Blindness and vision loss 0.73 | Low back pain 0.99 | Depressive disorders 0.87 | Diabetes 1.23 | Stroke 0.96 | Dietary iron deficiency 1.47 | Osteoarthritis 1.03 | Alzheimer's disease 1.13 | COPD 0.69 |
| South Sudan | Onchocerciasis 86.19 | Blindness and vision loss 1.26 | Age-related hearing loss 0.89 | Low back pain 0.9 | Depressive disorders 1.33 | Stroke 1.22 | Diabetes 0.81 | Alzheimer's disease 1.05 | Osteoarthritis 1.02 | Dietary iron deficiency 1.52 |
| Uganda | Depressive disorders 2.22 | Low back pain 0.92 | Diabetes 1 | Blindness and vision loss 0.73 | Age-related hearing loss 0.65 | Stroke 1.08 | Alzheimer's disease 1.08 | Osteoarthritis 1.06 | COPD 0.9 | Dietary iron deficiency 1.21 |
| United Republic of Tanzania | Blindness and vision loss 1.2 | Age-related hearing loss 0.87 | Low back pain 0.88 | Depressive disorders 1.53 | Diabetes 0.74 | Stroke 1.04 | Alzheimer's disease 1.07 | Osteoarthritis 1.08 | Dietary iron deficiency 1.4 | COPD 0.76 |
| Zambia | Age-related hearing loss 0.88 | Blindness and vision loss 0.8 | Low back pain 0.85 | Diabetes 0.74 | Depressive disorders 1.44 | Stroke 1.04 | Osteoarthritis 1.08 | Alzheimer's disease 1.05 | Dietary iron deficiency 1.76 | COPD 1.04 |
| Southern Sub-Saharan Africa | Diabetes 1.28 | Age-related hearing loss 1.09 | Blindness and vision loss 1.29 | Low back pain 0.86 | Depressive disorders 1.57 | Stroke 1.09 | COPD 2.14 | Alzheimer's disease 0.95 | Osteoarthritis 1 | Oral disorders 0.74 |
| Botswana | Diabetes 1.19 | Age-related hearing loss 0.97 | Blindness and vision loss 1.24 | Low back pain 0.89 | Stroke 1.16 | COPD 2.61 | Depressive disorders 1.45 | Alzheimer's disease 0.97 | Osteoarthritis 1.06 | Endo/metab/blood/immun 2.26 |
| Eswatini | Diabetes 1.26 | Age-related hearing loss 0.96 | Blindness and vision loss 1.11 | Low back pain 0.85 | Stroke 1.05 | Depressive disorders 1.44 | COPD 2.12 | Osteoarthritis 1.14 | HIV/AIDS 951.16 | Alzheimer's disease 0.99 |
| Lesotho | Diabetes 1.18 | Age-related hearing loss 1 | Blindness and vision loss 1.06 | Depressive disorders 2.05 | Low back pain 0.87 | COPD 2.15 | HIV/AIDS 417.22 | Stroke 0.99 | Osteoarthritis 1.09 | Alzheimer's disease 1.02 |
| Namibia | Age-related hearing loss 0.98 | Diabetes 0.94 | Blindness and vision loss 1.16 | Low back pain 0.94 | Stroke 0.99 | Alzheimer's disease 0.99 | COPD 2.04 | Depressive disorders 1.16 | Osteoarthritis 1.04 | Oral disorders 0.77 |
| South Africa | Diabetes 1.28 | Age-related hearing loss 1.12 | Blindness and vision loss 1.36 | Low back pain 0.84 | Depressive disorders 1.63 | Stroke 1.1 | COPD 2.26 | Alzheimer's disease 0.94 | Osteoarthritis 0.99 | Oral disorders 0.74 |
| Zimbabwe | Diabetes 1.5 | Blindness and vision loss 1.04 | Age-related hearing loss 0.96 | Low back pain 1.02 | Stroke 1.1 | Depressive disorders 1.18 | COPD 1.41 | Osteoarthritis 1.07 | Alzheimer's disease 1.04 | Oral disorders 0.76 |
| Western Sub-Saharan Africa | Blindness and vision loss 1.19 | Age-related hearing loss 0.92 | Low back pain 1.02 | Diabetes 0.95 | Depressive disorders 1.47 | Stroke 0.91 | Osteoarthritis 1.13 | COPD 1.11 | Alzheimer's disease 0.82 | Oral disorders 0.67 |
| Benin | Blindness and vision loss 0.98 | Age-related hearing loss 0.93 | Diabetes 1.31 | Low back pain 0.97 | Depressive disorders 1.39 | Osteoarthritis 1.14 | COPD 1.27 | Stroke 0.88 | Alzheimer's disease 0.85 | Oral disorders 0.87 |
| Burkina Faso | Blindness and vision loss 1.01 | Age-related hearing loss 0.96 | Diabetes 1.34 | Low back pain 1.01 | Depressive disorders 1.08 | Osteoarthritis 1.1 | Alzheimer's disease 0.95 | Road injuries 1.62 | Stroke 0.64 | COPD 0.81 |
| Cabo Verde | Diabetes 1.39 | Age-related hearing loss 0.91 | Blindness and vision loss 0.83 | Depressive disorders 1.98 | Low back pain 0.89 | Alzheimer's disease 0.91 | Osteoarthritis 1.14 | COPD 1.23 | Stroke 0.79 | Oral disorders 0.63 |
| Cameroon | Age-related hearing loss 0.89 | Blindness and vision loss 0.92 | Diabetes 1.03 | Low back pain 0.98 | Depressive disorders 1.85 | COPD 1.63 | Osteoarthritis 1.16 | Stroke 0.83 | Alzheimer's disease 0.85 | Road injuries 2.47 |
| Chad | Blindness and vision loss 1 | Age-related hearing loss 0.96 | Diabetes 1.43 | Depressive disorders 1.38 | Low back pain 1.06 | Stroke 0.9 | Osteoarthritis 1.06 | Alzheimer's disease 0.91 | COPD 1.01 | Oral disorders 1.22 |
| Côte d'Ivoire | Blindness and vision loss 1.05 | Diabetes 1.26 | Age-related hearing loss 0.92 | Low back pain 0.96 | Depressive disorders 1.3 | Stroke 0.96 | Osteoarthritis 1.12 | Alzheimer's disease 0.88 | Oral disorders 0.92 | COPD 1.03 |
| Gambia | Depressive disorders 2.53 | Blindness and vision loss 1.01 | Age-related hearing loss 0.92 | Diabetes 1.1 | Low back pain 0.91 | Stroke 1.01 | COPD 1.35 | Osteoarthritis 1.11 | Alzheimer's disease 0.88 | Oral disorders 0.84 |
| Ghana | Diabetes 1 | Blindness and vision loss 1.05 | Age-related hearing loss 0.87 | Depressive disorders 1.73 | Stroke 1.21 | Low back pain 0.77 | Osteoarthritis 1.13 | Alzheimer's disease 0.82 | COPD 1.06 | Road injuries 2.49 |
| Guinea | Blindness and vision loss 1.08 | Age-related hearing loss 0.94 | Diabetes 1.19 | Low back pain 0.97 | Depressive disorders 1.34 | Osteoarthritis 1.09 | COPD 1.21 | Alzheimer's disease 0.9 | Stroke 0.82 | Oral disorders 0.92 |
| Guinea-Bissau | Blindness and vision loss 1.17 | Age-related hearing loss 0.93 | Diabetes 1.23 | Low back pain 0.94 | Depressive disorders 1.41 | Stroke 0.97 | Osteoarthritis 1.08 | COPD 1.19 | Alzheimer's disease 0.88 | Road injuries 1.87 |
| Liberia | Blindness and vision loss 0.98 | Diabetes 1.44 | Age-related hearing loss 0.92 | Depressive disorders 1.8 | Onchocerciasis 47.25 | Low back pain 0.92 | Osteoarthritis 1.12 | Stroke 0.8 | Alzheimer's disease 0.87 | COPD 1.06 |
| Mali | Blindness and vision loss 1.35 | Age-related hearing loss 0.96 | Diabetes 1.39 | Low back pain 0.89 | Depressive disorders 0.9 | COPD 1.45 | Osteoarthritis 1.08 | Stroke 0.85 | Alzheimer's disease 0.93 | Oral disorders 0.92 |
| Mauritania | Blindness and vision loss 1.03 | Age-related hearing loss 0.9 | Low back pain 0.87 | Diabetes 0.87 | Depressive disorders 1.26 | Stroke 0.99 | Osteoarthritis 1.17 | COPD 1.33 | Alzheimer's disease 0.87 | Oral disorders 0.76 |
| Niger | Blindness and vision loss 0.94 | Age-related hearing loss 0.99 | Low back pain 1.01 | Depressive disorders 0.99 | Diabetes 1.13 | Osteoarthritis 1.07 | COPD 1.01 | Stroke 0.81 | Alzheimer's disease 0.96 | Oral disorders 1.25 |
| Nigeria | Blindness and vision loss 1.4 | Low back pain 1.13 | Age-related hearing loss 0.92 | Depressive disorders 1.66 | Diabetes 0.7 | Osteoarthritis 1.15 | Stroke 0.89 | Alzheimer's disease 0.75 | COPD 1.03 | Gynecological diseases 1.86 |
| Sao Tome and Principe | Blindness and vision loss 1.01 | Diabetes 1.11 | Age-related hearing loss 0.92 | COPD 2.66 | Stroke 1.39 | Low back pain 0.83 | Depressive disorders 1.4 | Osteoarthritis 1.13 | Alzheimer's disease 0.85 | Oral disorders 0.65 |
| Senegal | Blindness and vision loss 1.17 | Diabetes 1.58 | Age-related hearing loss 0.92 | Low back pain 0.87 | Depressive disorders 1.25 | Stroke 1.06 | Osteoarthritis 1.11 | Alzheimer's disease 0.89 | Oral disorders 0.97 | COPD 1.02 |
| Sierra Leone | Age-related hearing loss 1 | Blindness and vision loss 0.92 | Low back pain 0.95 | Depressive disorders 1.42 | Diabetes 0.91 | Stroke 1.06 | COPD 1.27 | Osteoarthritis 1.09 | Alzheimer's disease 0.89 | Road injuries 1.81 |
| Togo | Blindness and vision loss 1.05 | Age-related hearing loss 0.92 | Low back pain 0.94 | Depressive disorders 1.58 | Diabetes 0.81 | Stroke 0.92 | Osteoarthritis 1.1 | COPD 1.22 | Alzheimer's disease 0.88 | Oral disorders 0.79 |

Values shown in brackets represent the ratio of observed YLDs to predicted YLDs on the basis of Socio-Demographic Index (SDI), rounded to two (2) digits. Color ranges (shown below) were calculated to place a roughly equal number of cells into each bin.

COLOR KEY: [0.00,0.02] [0.02,0.91] [0.91,0.97] [0.97,1.02] [1.02,1.08] [1.08,1.17] [1.17,1.27] [1.27,1.45] [1.45,1.87] [1.87,...]

Figure S24. Global annualised rate of change in risk factors summary exposure values (SEV) in people aged 70 years and older, for both sexes, from 1990 to 2019 versus number of attributable DALYs by risk factor in 2019.

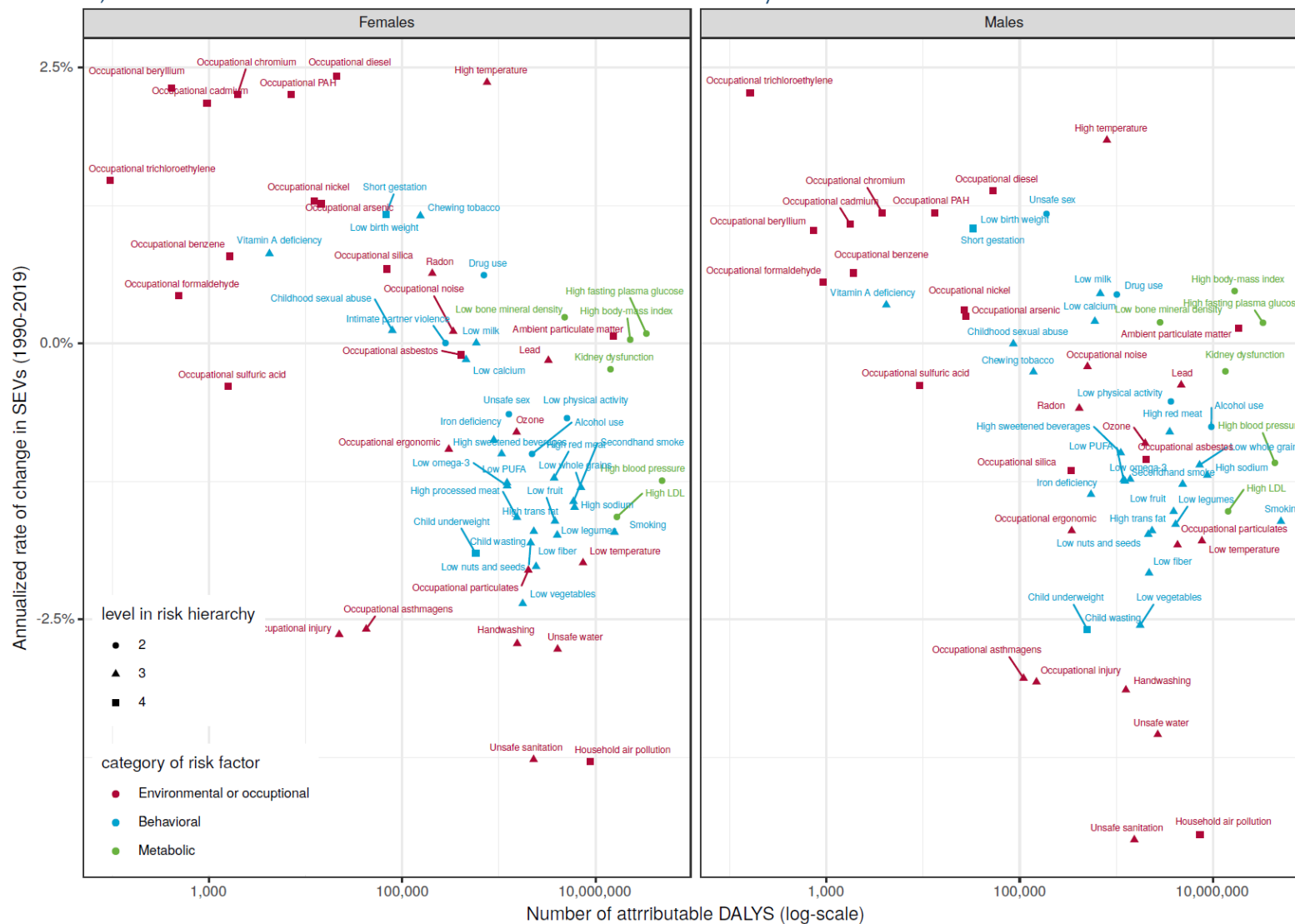


Figure S25. Annualised rate of change in risk factors summary exposure values (SEV) in people aged 70 years and older, for both sexes, from 1990 to 2019 versus number of attributable DALYs by risk factor in 2019, in Low SDI quintile.

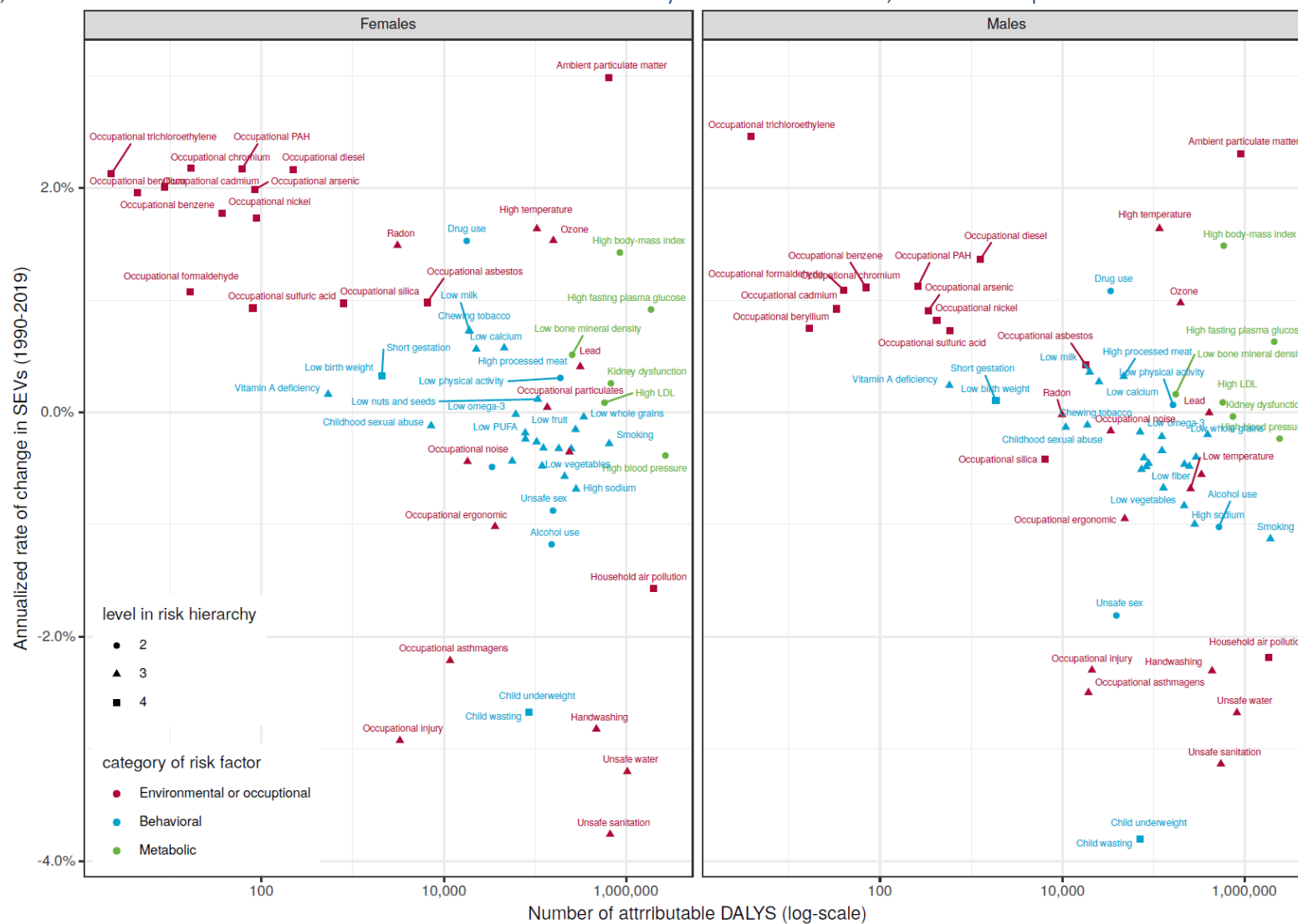


Figure S26. Annualised rate of change in risk factors summary exposure values (SEV) in people aged 70 years and older, for both sexes, from 1990 to 2019 versus number of attributable DALYs by risk factor in 2019, in Low-middle SDI quintile.



Figure S27. Annualised rate of change in risk factors summary exposure values (SEV) in people aged 70 years and older, for both sexes, from 1990 to 2019 versus number of attributable DALYs by risk factor in 2019, in Middle SDI quintile.

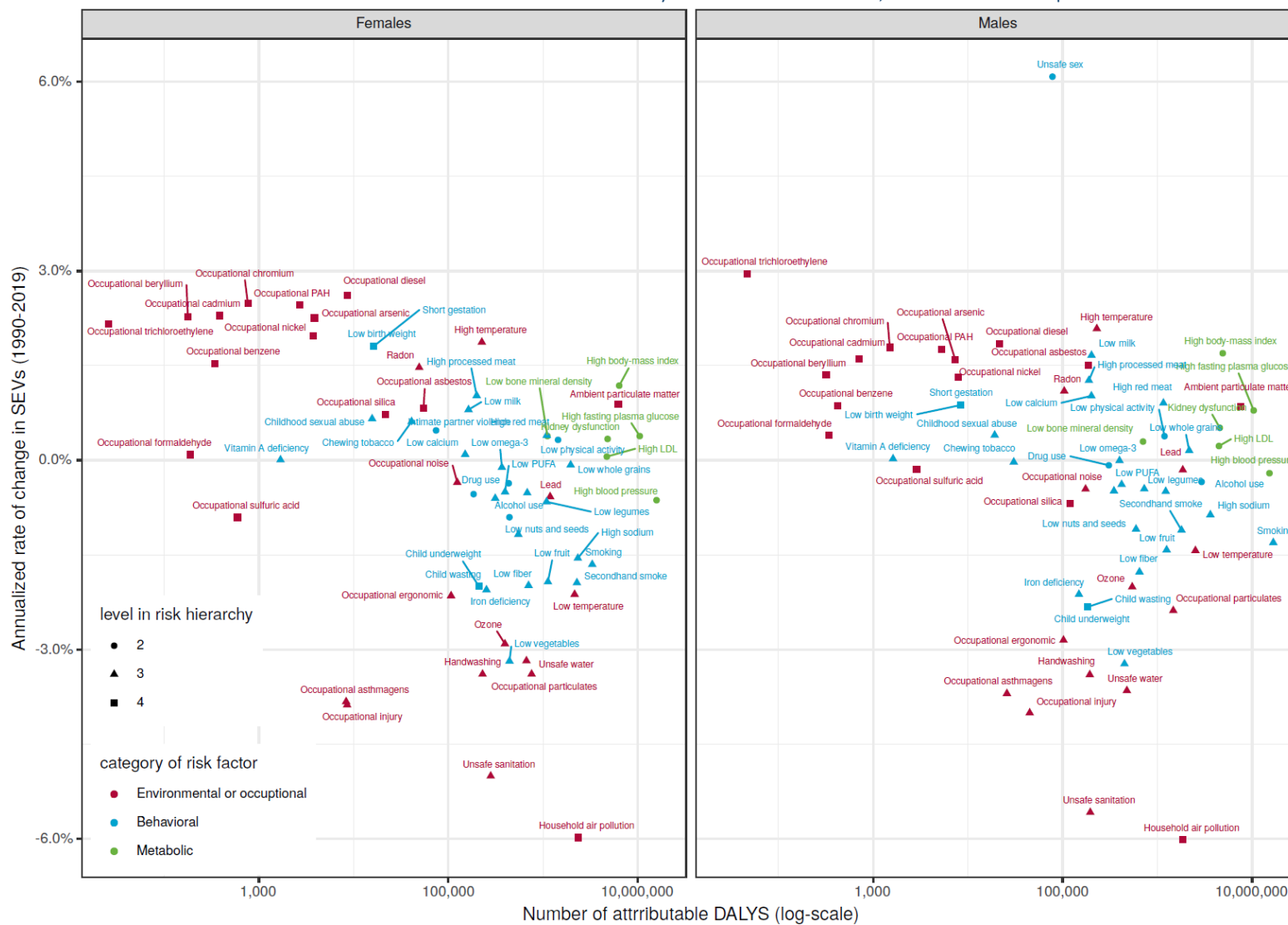


Figure S28. Annualised rate of change in risk factors summary exposure values (SEV) in people aged 70 years and older, for both sexes, from 1990 to 2019 versus number of attributable DALYS by risk factor in 2019, in High-middle SDI quintile.

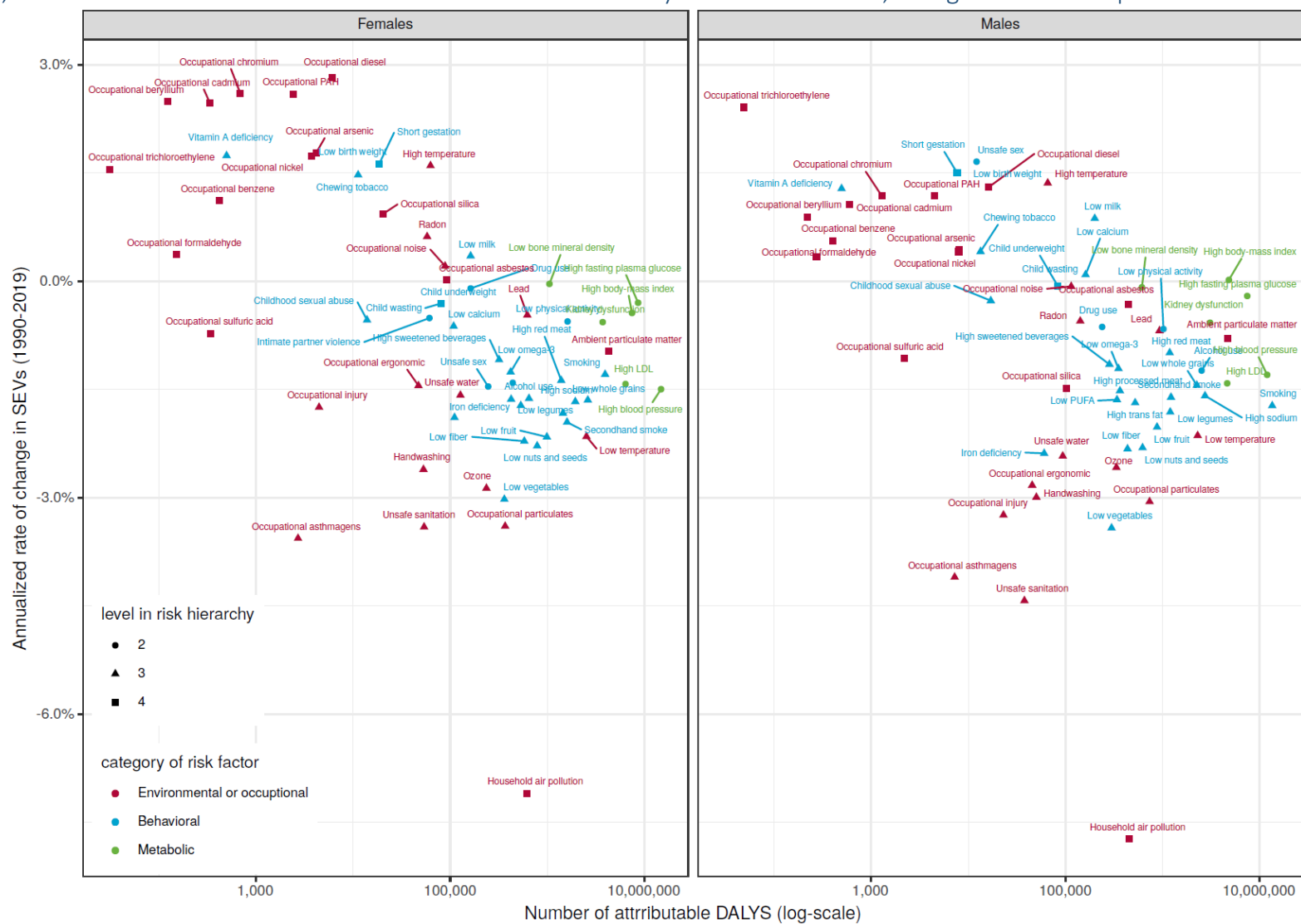


Figure S29. Annualised rate of change in risk factors summary exposure values (SEV) in people aged 70 years and older, for both sexes, from 1990 to 2019 versus number of attributable DALYs by risk factor in 2019, in High SDI quintile.

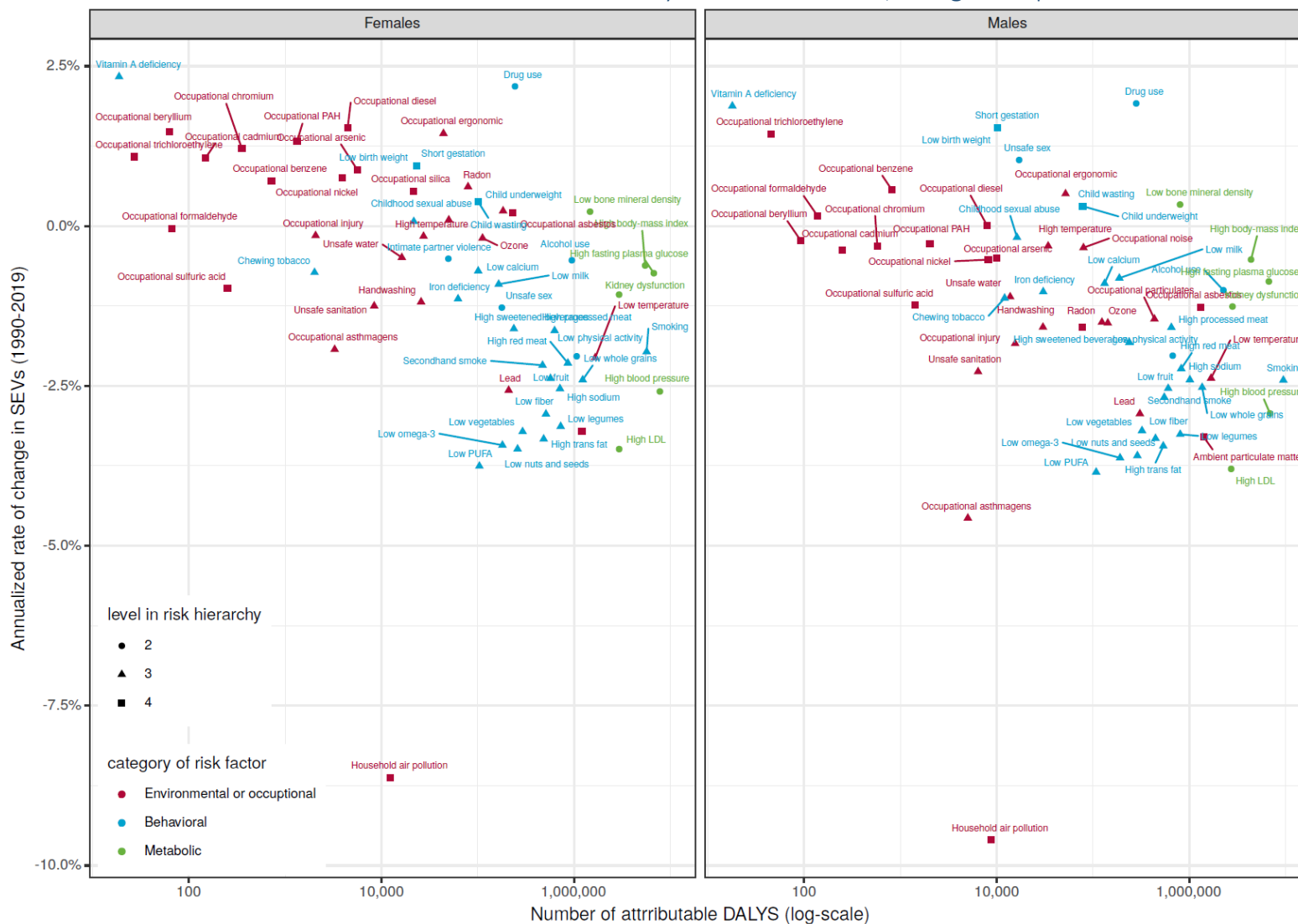


Figure S31. Annualised rate of change in risk factors summary exposure values (SEV) in people aged 70 years and older, for both sexes, from 1990 to 2019 versus number of attributable DALYs by risk factor in 2019, in the High-income GBD super-region.

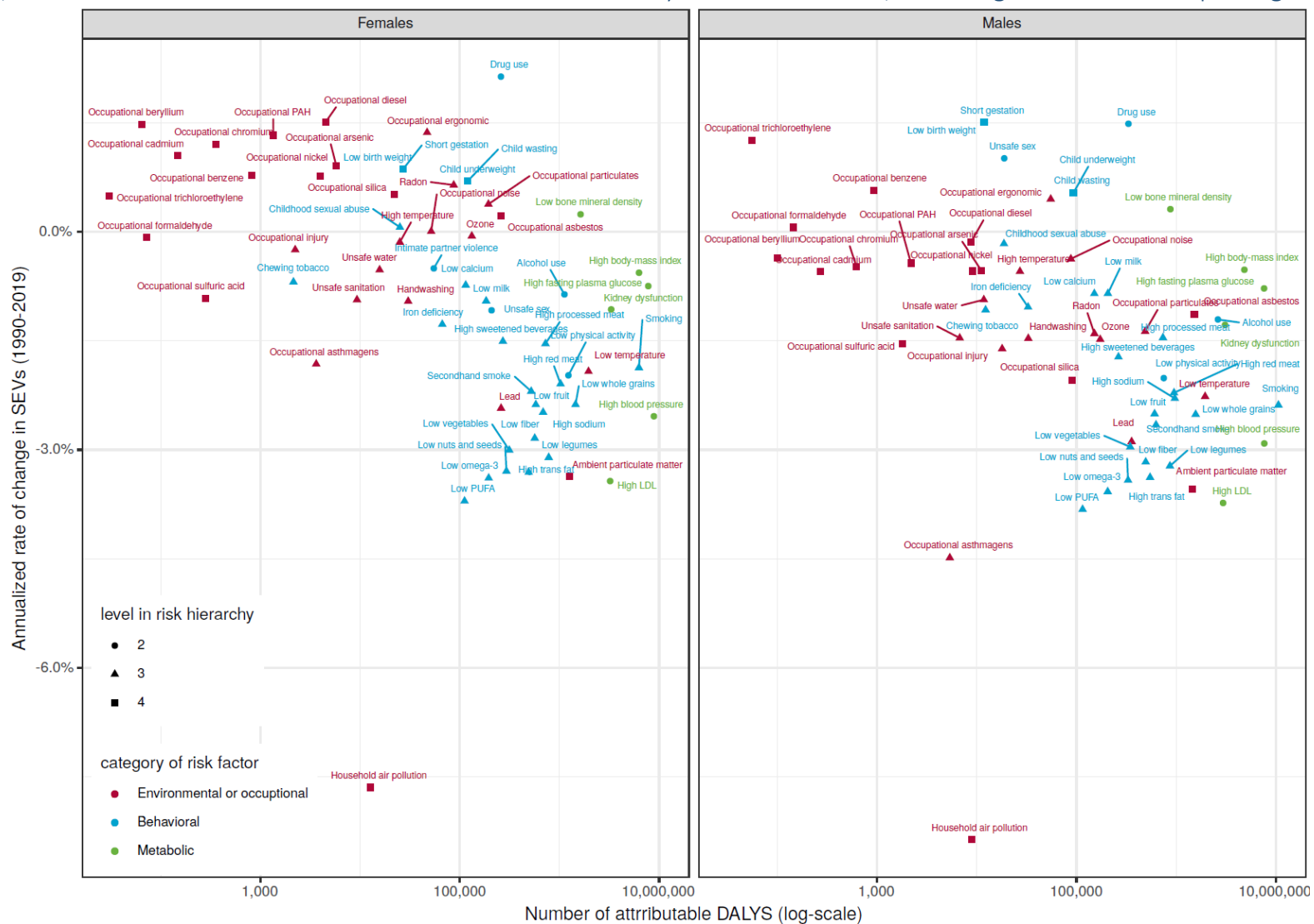


Figure S32. Annualised rate of change in risk factors summary exposure values (SEV) in people aged 70 years and older, for both sexes, from 1990 to 2019 versus number of attributable DALYs by risk factor in 2019, in the Latin America and Caribbean GBD super-region

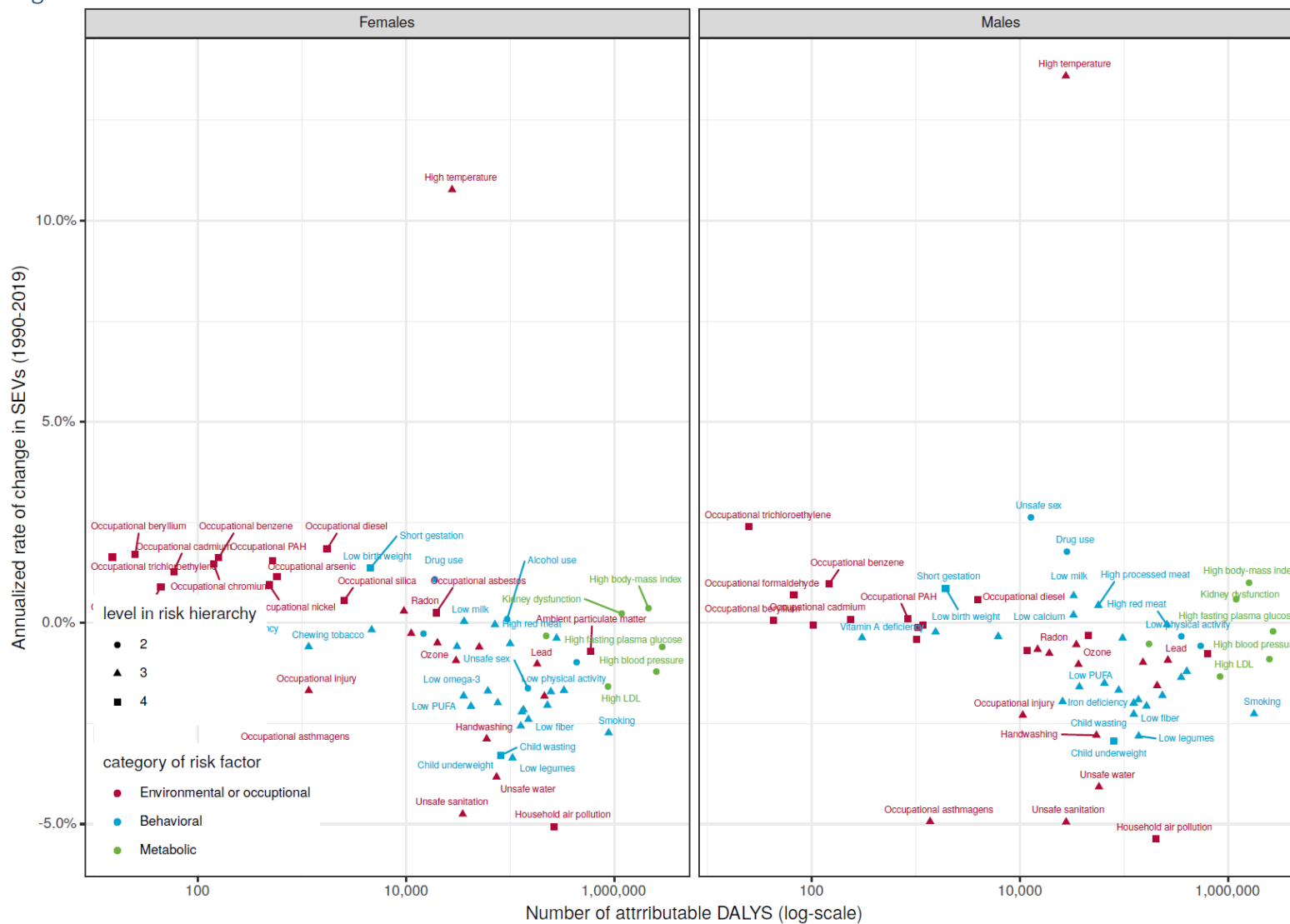


Figure S33. Annualised rate of change in risk factors summary exposure values (SEV) in people aged 70 years and older, for both sexes, from 1990 to 2019 versus number of attributable DALYs by risk factor in 2019, in the North Africa and Middle East super-region.

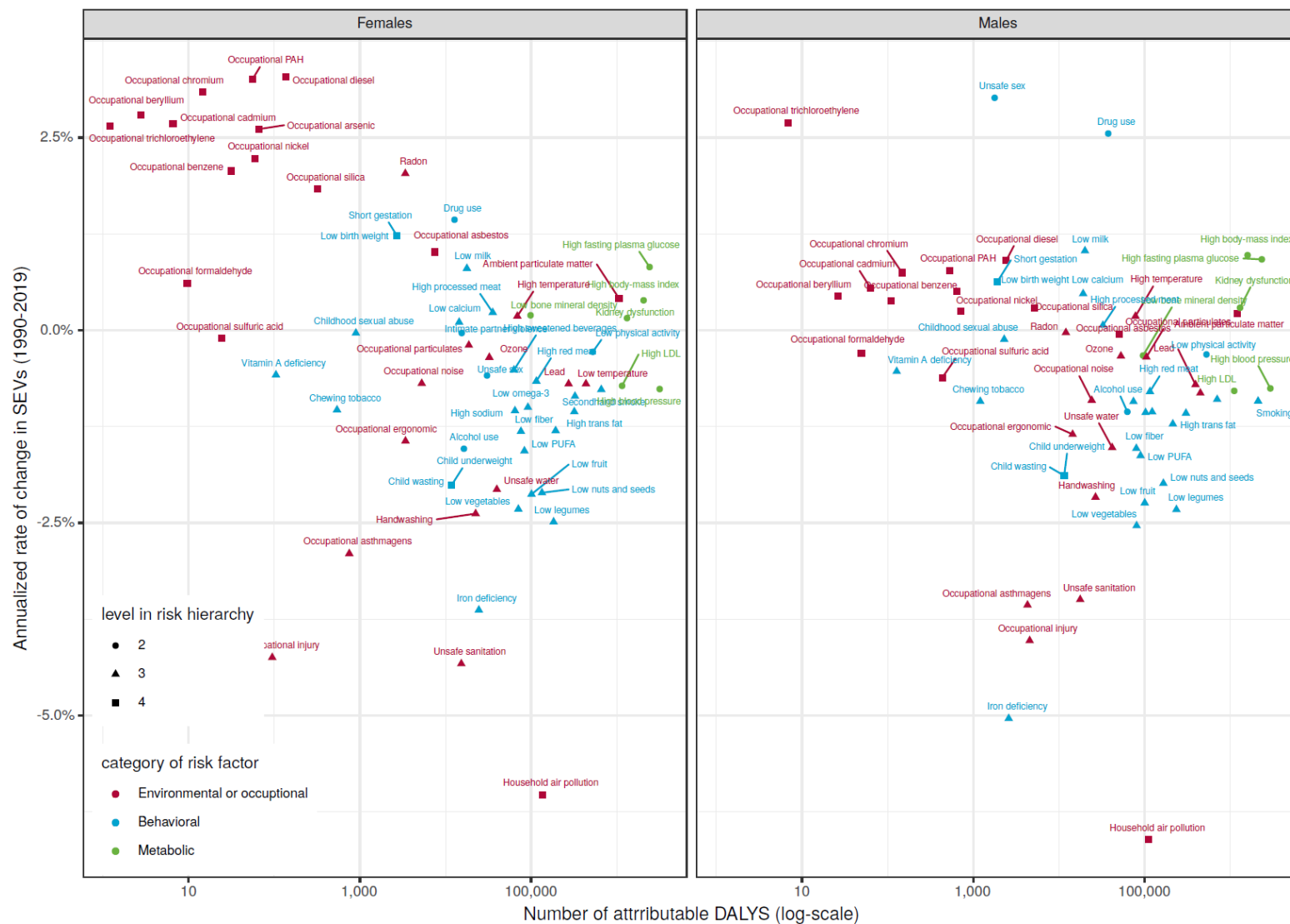


Figure S34. Annualised rate of change in risk factors summary exposure values (SEV) in people aged 70 years and older, for both sexes, from 1990 to 2019 versus number of attributable DALYs by risk factor in 2019, in the South Asia GBD super-region

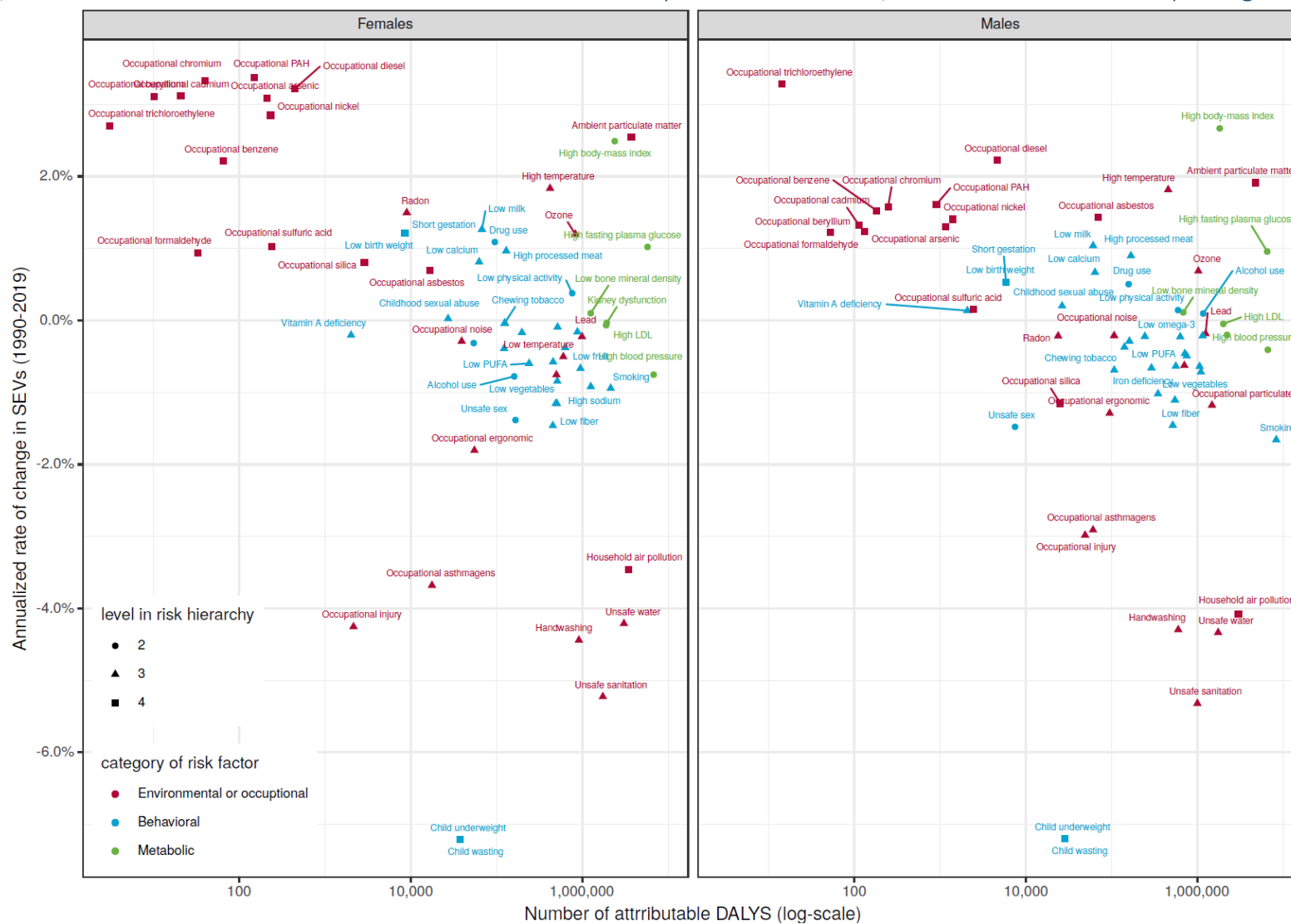
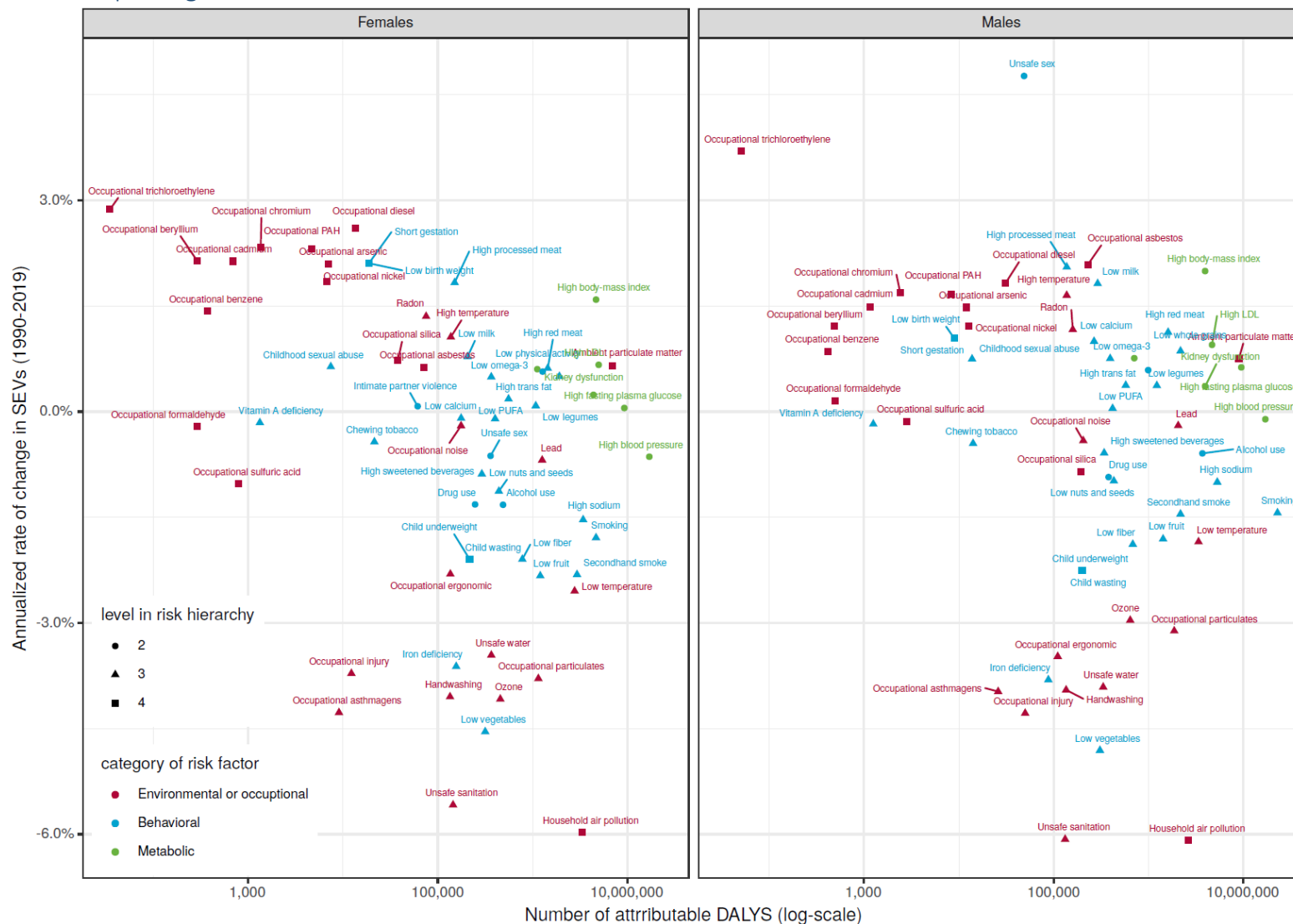


Figure S35. Annualised rate of change in risk factors summary exposure values (SEV) in people aged 70 years and older, for both sexes, from 1990 to 2019 versus number of attributable DALYs by risk factor in 2019, in the Southeast Asia, East Asia and Oceania GBD super-region.



Supplementary Table 1. GATHER checklist of information that should be included in reports of global health estimates, with description of compliance and location of information for "Global, regional, and national burden of diseases and injuries for adults 70 years and older: a systematic analysis for the Global Burden of Disease 2019 Study"

| # | GATHER checklist item | Description of compliance | Reference |
|---|---|--|---|
| Objectives and funding | | | |
| 1 | Define the indicators, populations, and time periods for which estimates were made. | Narrative provided in paper and appendix describing indicators, definitions, and populations | Main text methods and appendix tables |
| 2 | List the funding sources for the work. | Funding sources listed in paper | Abstract and declaration of interest (Funding) |
| Data Inputs | | | |
| <i>For all data inputs from multiple sources that are synthesized as part of the study:</i> | | | |
| 3 | Describe how the data were identified and how the data were accessed. | Narrative description of data seeking methods provided | Main text (Methods) and appendix |
| 4 | Specify the inclusion and exclusion criteria. Identify all ad-hoc exclusions. | Narrative about inclusion and exclusion criteria by data type provided | Main text (Methods) and appendix |
| 5 | Provide information on all included data sources and their main characteristics. For each data source used, report reference information or contact name/institution, population represented, data collection method, year(s) of data collection, sex and age range, diagnostic criteria or measurement method, and sample size, as relevant. | An interactive, online data source tool that provides metadata for data sources by component, geography, cause, risk, or impairment has been developed. Detailed descriptions of all cause-specific analyses | Main text (methods), appendix, accompanying publications, and online tools including GBD Input Data Sources Tool at https://ghdx.healthdata.org |
| 6 | Identify and describe any categories of input data that have potentially important biases (e.g., based on characteristics listed in item 5). | References on related biases are reported in the main text description | Main text (Methods) and limitations |
| <i>For data inputs that contribute to the analysis but were not synthesized as part of the study:</i> | | | |
| 7 | Describe and give sources for any other data inputs. | All are included in online data sources tool | https://ghdx.healthdata.org |
| <i>For all data inputs:</i> | | | |
| 8 | Provide all data inputs in a file format from which data can be efficiently extracted (e.g., a spreadsheet as opposed to a PDF), including all relevant meta-data listed in item 5. For any data inputs that cannot be shared due to ethical or legal reasons, such as third-party ownership, provide a contact name or the name of the institution that retains the right to the data. | Visualization of input data available through online model visualization tools at and for download via data query tools at | https://vizhub.healthdata.org and https://ghdx.healthdata.org |
| Data analysis | | | |
| 9 | Provide a conceptual overview of the data analysis method. A diagram may be helpful. | Description of the overall methodological processes, as well as of modelling processes, is provided in methods. Main text states that data analysis is following the GBD 2019 capstone papers | Main text (Methods) |

| | | | |
|-------------------------------|---|--|--|
| 10 | Provide a detailed description of all steps of the analysis, including mathematical formulae, if necessary. This description should cover, as relevant, data cleaning, data pre-processing, data adjustments and weighting of data sources, and mathematical or statistical model(s). | Detailed methodological description of the analysed variables and statistical analysis provided. Information on this models is following the GBD 2019 capstone papers and relevant references have been provided. | Main text (Methods) |
| 11 | Describe how candidate models were evaluated and how the final model(s) were selected. | Information on this models is following the GBD 2019 capstone papers and relevant references have been provided | Main text (methods) |
| 12 | Provide the results of an evaluation of model performance, if done, as well as the results of any relevant sensitivity analysis. | Information on this models is following the GBD 2019 capstone papers and relevant references have been provided | Main text (methods) |
| 13 | Describe methods for calculating uncertainty of the estimates. State which sources of uncertainty were, and were not, accounted for in the uncertainty analysis. | Brief information on the uncertainty intervals is provided and is following the GBD 2019 capstone papers. Relevant references have been provided | Main text (methods) |
| 14 | State how analytic or statistical source code used to generate estimates can be accessed. | Access statement provided. | Code is available upon request. |
| Results and Discussion | | | |
| 15 | Provide published estimates in a file format from which data can be efficiently extracted. | Results are available through online data visualization tools, the Global Health Data Exchange, and the online data query tool (https://ghdx.healthdata.org/gbd-2019) | Main text, appendix, and online data tools (data visualization tools, data query tools, and the Global Health Data Exchange) |
| 16 | Report a quantitative measure of the uncertainty of the estimates (e.g. uncertainty intervals). | Uncertainty intervals are provided with all results | Main text, appendix, and online data tools (data visualization tools, data query tools, and the Global Health Data Exchange, https://ghdx.healthdata.org/gbd-2019) |
| 17 | Interpret results in light of existing evidence. If updating a previous set of estimates, describe the reasons for changes in estimates. | Discussion of results is provided in the narrative of the article | Main text (results and Discussion) |
| 18 | Discuss limitations of the estimates. Include a discussion of any modelling assumptions or data limitations that affect interpretation of the estimates. | Discussion of limitations provided in the narrative of the article | Main text (Limitations) |

| Supplementary Table 2. GBD location hierarchy, with SDI quintile | | | | | | | | |
|--|---------------------|-----------------|---------------------------|---------------------|--------------|--|---------------------|-----------------|
| Geography | Level in hierarchy | SDI quintile | Geography | Level in hierarchy | SDI quintile | Geography | Level in hierarchy | SDI quintile |
| Global | Global | - | Haringey | Subnational Level 3 | High SDI | Pernambuco | Subnational Level 1 | Low-middle SDI |
| Central Europe, Eastern Europe, and Central Asia | Super region | - | Harrow | Subnational Level 3 | High SDI | Paoli | Subnational Level 1 | Low-middle SDI |
| Central Asia | Region | - | Havering | Subnational Level 3 | High SDI | Rio de Janeiro | Subnational Level 1 | High-middle SDI |
| Armenia | Country | Middle SDI | Hillingdon | Subnational Level 3 | High SDI | Rio Grande do Norte | Subnational Level 1 | Low-middle SDI |
| Azerbaijan | Country | Middle SDI | Hounslow | Subnational Level 3 | High SDI | Rio Grande do Sul | Subnational Level 1 | Middle SDI |
| Georgia | Country | High-middle SDI | Islington | Subnational Level 3 | High SDI | Rondônia | Subnational Level 1 | Low-middle SDI |
| Kazakhstan | Country | High-middle SDI | Kensington and Chelsea | Subnational Level 3 | High SDI | Roraima | Subnational Level 1 | Middle SDI |
| Kyrgyzstan | Country | Low-middle SDI | Kingston upon Thames | Subnational Level 3 | High SDI | Santa Catarina | Subnational Level 1 | High-middle SDI |
| Mongolia | Country | Low-middle SDI | Lambeth | Subnational Level 3 | High SDI | São Paulo | Subnational Level 1 | High-middle SDI |
| Tajikistan | Country | Low-middle SDI | Lewisham | Subnational Level 3 | High SDI | Sergipe | Subnational Level 1 | Low-middle SDI |
| Turkmenistan | Country | Middle SDI | Merton | Subnational Level 3 | High SDI | Tocantins | Subnational Level 1 | Low-middle SDI |
| Uzbekistan | Country | Middle SDI | Newham | Subnational Level 3 | High SDI | Paraguay | Country | Middle SDI |
| Central Europe | Region | - | Redbridge | Subnational Level 3 | High SDI | North Africa and Middle East | Super region | - |
| Albania | Country | Middle SDI | Richmond upon Thames | Subnational Level 3 | High SDI | North Africa and Middle East | Region | - |
| Bosnia and Herzegovina | Country | High-middle SDI | Southwark | Subnational Level 3 | High SDI | Afghanistan | Country | Low SDI |
| Bulgaria | Country | High-middle SDI | Sutton | Subnational Level 3 | High SDI | Algeria | Country | Middle SDI |
| Croatia | Country | High-middle SDI | Tower Hamlets | Subnational Level 3 | High SDI | Bahrain | Country | High-middle SDI |
| Czechia | Country | High SDI | Waltham Forest | Subnational Level 3 | High SDI | Egypt | Country | Middle SDI |
| Hungary | Country | High-middle SDI | Wandsworth | Subnational Level 3 | High SDI | Iran (Islamic Republic of) | Country | Middle SDI |
| Montenegro | Country | High-middle SDI | Westminster | Subnational Level 3 | High SDI | Iraq | Country | Middle SDI |
| North Macedonia | Country | High-middle SDI | North East England | Subnational Level 2 | High SDI | Jordan | Country | High-middle SDI |
| Poland | Country | High-middle SDI | County Durham | Subnational Level 3 | High SDI | Kuwait | Country | High SDI |
| Romania | Country | High-middle SDI | Darlington | Subnational Level 3 | High SDI | Lebanon | Country | High-middle SDI |
| Serbia | Country | High-middle SDI | Gateshead | Subnational Level 3 | High SDI | Libya | Country | High-middle SDI |
| Slovakia | Country | High SDI | Hartlepool | Subnational Level 3 | High SDI | Morocco | Country | Low-middle SDI |
| Slovenia | Country | High SDI | Middlesbrough | Subnational Level 3 | High SDI | Oman | Country | High-middle SDI |
| Eastern Europe | Region | - | Newcastle upon Tyne | Subnational Level 3 | High SDI | Palestine | Country | Low-middle SDI |
| Belarus | Country | High-middle SDI | North Tyneside | Subnational Level 3 | High SDI | Qatar | Country | High SDI |
| Estonia | Country | High SDI | Northumberland | Subnational Level 3 | High SDI | Saudi Arabia | Country | High SDI |
| Latvia | Country | High SDI | Redcar and Cleveland | Subnational Level 3 | High SDI | Sudan | Country | Low-middle SDI |
| Lithuania | Country | High SDI | South Tyneside | Subnational Level 3 | High SDI | Syrian Arab Republic | Country | Middle SDI |
| Republic of Moldova | Country | High-middle SDI | Stockton-on-Tees | Subnational Level 3 | High SDI | Tunisia | Country | Middle SDI |
| Russian Federation | Country | High-middle SDI | Sunderland | Subnational Level 3 | High SDI | Turkey | Country | High-middle SDI |
| Ukraine | Country | High-middle SDI | North West England | Subnational Level 2 | High SDI | United Arab Emirates | Country | High SDI |
| High-income | Super region | - | Blackburn with Darwen | Subnational Level 3 | High SDI | Yemen | Country | Low SDI |
| Australasia | Region | - | Blackpool | Subnational Level 3 | High SDI | South Asia | Super region | - |
| Australia | Country | High SDI | Bolton | Subnational Level 3 | High SDI | South Asia | Region | - |
| New Zealand | Country | High SDI | Bury | Subnational Level 3 | High SDI | Bangladesh | Country | Low-middle SDI |
| High-income Asia Pacific | Region | - | Cheshire East | Subnational Level 3 | High SDI | Bhutan | Country | Low-middle SDI |
| Brunei Darussalam | Country | High SDI | Cheshire West and Chester | Subnational Level 3 | High SDI | India | Country | Low-middle SDI |
| Japan | Country | High SDI | Cumbria | Subnational Level 3 | High SDI | Nepal | Country | Low SDI |
| Aichi | Subnational Level 1 | High SDI | Halton | Subnational Level 3 | High SDI | Pakistan | Country | Low SDI |
| Akita | Subnational Level 1 | High SDI | Knowsley | Subnational Level 3 | High SDI | Southeast Asia, East Asia, and Oceania | Super region | - |
| Aomori | Subnational Level 1 | High SDI | Lancashire | Subnational Level 3 | High SDI | East Asia | Region | - |
| Chiba | Subnational Level 1 | High SDI | Liverpool | Subnational Level 3 | High SDI | China | Country | Middle SDI |
| Ehime | Subnational Level 1 | High SDI | Manchester | Subnational Level 3 | High SDI | Democratic People's Republic of Korea | Country | Low-middle SDI |
| Fukui | Subnational Level 1 | High SDI | Oldham | Subnational Level 3 | High SDI | Taiwan (Province of China) | Country | High SDI |
| Fukuoka | Subnational Level 1 | High SDI | Rochdale | Subnational Level 3 | High SDI | Oceania | Region | - |
| Fukushima | Subnational Level 1 | High SDI | Salford | Subnational Level 3 | High SDI | American Samoa | Country | High-middle SDI |
| Gifu | Subnational Level 1 | High SDI | Sefton | Subnational Level 3 | High SDI | Cook Islands | Country | High-middle SDI |
| Gunma | Subnational Level 1 | High SDI | St Helens | Subnational Level 3 | High SDI | Fiji | Country | Middle SDI |
| Hiroshima | Subnational Level 1 | High SDI | Stockport | Subnational Level 3 | High SDI | Guam | Country | High SDI |
| Hokkaidō | Subnational Level 1 | High SDI | Tameside | Subnational Level 3 | High SDI | Kiribati | Country | Low-middle SDI |
| Hyōgo | Subnational Level 1 | High SDI | Trafford | Subnational Level 3 | High SDI | Marshall Islands | Country | Low-middle SDI |
| Ibaraki | Subnational Level 1 | High SDI | Warrington | Subnational Level 3 | High SDI | Micronesia (Federated States of) | Country | Low-middle SDI |
| Ishikawa | Subnational Level 1 | High SDI | Wigan | Subnational Level 3 | High SDI | Nauru | Country | Middle SDI |
| Iwate | Subnational Level 1 | High SDI | Wirral | Subnational Level 3 | High SDI | Niue | Country | High-middle SDI |
| Kagawa | Subnational Level 1 | High SDI | South East England | Subnational Level 2 | High SDI | Northern Mariana Islands | Country | High-middle SDI |
| Kagoshima | Subnational Level 1 | High SDI | Bracknell Forest | Subnational Level 3 | High SDI | Palau | Country | High-middle SDI |
| Kanagawa | Subnational Level 1 | High SDI | Brighton and Hove | Subnational Level 3 | High SDI | Papua New Guinea | Country | Low SDI |
| Kōchi | Subnational Level 1 | High SDI | Buckinghamshire | Subnational Level 3 | High SDI | Samoa | Country | Middle SDI |
| Kumamoto | Subnational Level 1 | High SDI | East Sussex | Subnational Level 3 | High SDI | Solomon Islands | Country | Low SDI |
| Kyōto | Subnational Level 1 | High SDI | Hampshire | Subnational Level 3 | High SDI | Tokelau | Country | Middle SDI |
| Mie | Subnational Level 1 | High SDI | Isle of Wight | Subnational Level 3 | High SDI | Tonga | Country | Middle SDI |
| Miyagi | Subnational Level 1 | High SDI | Kent | Subnational Level 3 | High SDI | Tuvalu | Country | Low-middle SDI |
| Miyazaki | Subnational Level 1 | High SDI | Medway | Subnational Level 3 | High SDI | Vanuatu | Country | Low-middle SDI |
| Nagano | Subnational Level 1 | High SDI | Milton Keynes | Subnational Level 3 | High SDI | Southeast Asia | Region | - |
| Nagasaki | Subnational Level 1 | High SDI | Oxfordshire | Subnational Level 3 | High SDI | Cambodia | Country | Low-middle SDI |
| Nara | Subnational Level 1 | High SDI | Portsmouth | Subnational Level 3 | High SDI | Indonesia | Country | Middle SDI |
| Niigata | Subnational Level 1 | High SDI | Reading | Subnational Level 3 | High SDI | Aceh | Subnational Level 1 | Middle SDI |
| Ōita | Subnational Level 1 | High SDI | Slough | Subnational Level 3 | High SDI | Bali | Subnational Level 1 | Middle SDI |
| Okayama | Subnational Level 1 | High SDI | Southampton | Subnational Level 3 | High SDI | Bangka-Bellitung Islands | Subnational Level 1 | Middle SDI |

Supplementary Table 2. GBD location hierarchy, with SDI quintile

| Geography | Level in hierarchy | SDI quintile | Geography | Level in hierarchy | SDI quintile | Geography | Level in hierarchy | SDI quintile |
|---------------------------|---------------------|-----------------|----------------------------------|---------------------|-----------------|----------------------------------|---------------------|-----------------|
| Okinawa | Subnational Level 1 | High SDI | Surrey | Subnational Level 3 | High SDI | Banten | Subnational Level 1 | Middle SDI |
| Osaka | Subnational Level 1 | High SDI | West Berkshire | Subnational Level 3 | High SDI | Bengkulu | Subnational Level 1 | Middle SDI |
| Saga | Subnational Level 1 | High SDI | West Sussex | Subnational Level 3 | High SDI | Gorontalo | Subnational Level 1 | Low-middle SDI |
| Saitama | Subnational Level 1 | High SDI | Windsor and Maidenhead | Subnational Level 3 | High SDI | Jakarta | Subnational Level 1 | High-middle SDI |
| Shiga | Subnational Level 1 | High SDI | Wokingham | Subnational Level 3 | High SDI | Jambi | Subnational Level 1 | Middle SDI |
| Shimane | Subnational Level 1 | High SDI | South West England | Subnational Level 2 | High SDI | West Java | Subnational Level 1 | Middle SDI |
| Shizuoka | Subnational Level 1 | High SDI | Bath and North East Somerset | Subnational Level 3 | High SDI | Central Java | Subnational Level 1 | Middle SDI |
| Tochigi | Subnational Level 1 | High SDI | Bournemouth | Subnational Level 3 | High SDI | East Java | Subnational Level 1 | Middle SDI |
| Tokushima | Subnational Level 1 | High SDI | Bristol, City of | Subnational Level 3 | High SDI | West Kalimantan | Subnational Level 1 | Low-middle SDI |
| Tōkyō | Subnational Level 1 | High SDI | Cornwall | Subnational Level 3 | High SDI | South Kalimantan | Subnational Level 1 | Middle SDI |
| Tottori | Subnational Level 1 | High SDI | Devon | Subnational Level 3 | High SDI | Central Kalimantan | Subnational Level 1 | Middle SDI |
| Toyama | Subnational Level 1 | High SDI | Dorset | Subnational Level 3 | High SDI | East Kalimantan | Subnational Level 1 | High-middle SDI |
| Wakayama | Subnational Level 1 | High SDI | Gloucestershire | Subnational Level 3 | High SDI | North Kalimantan | Subnational Level 1 | High-middle SDI |
| Yamagata | Subnational Level 1 | High SDI | North Somerset | Subnational Level 3 | High SDI | Riau Islands | Subnational Level 1 | High-middle SDI |
| Yamaguchi | Subnational Level 1 | High SDI | Plymouth | Subnational Level 3 | High SDI | Lampung | Subnational Level 1 | Middle SDI |
| Yamanashi | Subnational Level 1 | High SDI | Poole | Subnational Level 3 | High SDI | Maluku | Subnational Level 1 | Low-middle SDI |
| Republic of Korea | Country | High SDI | Somerset | Subnational Level 3 | High SDI | North Maluku | Subnational Level 1 | Low-middle SDI |
| Singapore | Country | High SDI | South Gloucestershire | Subnational Level 3 | High SDI | West Nusa Tenggara | Subnational Level 1 | Low-middle SDI |
| High-income North America | Region | - | Swindon | Subnational Level 3 | High SDI | East Nusa Tenggara | Subnational Level 1 | Low-middle SDI |
| Canada | Country | High SDI | Torbay | Subnational Level 3 | High SDI | Papua | Subnational Level 1 | Middle SDI |
| Greenland | Country | High-middle SDI | Wiltshire | Subnational Level 3 | High SDI | West Papua | Subnational Level 1 | Middle SDI |
| United States of America | Country | High SDI | West Midlands | Subnational Level 2 | High SDI | Riau | Subnational Level 1 | High-middle SDI |
| Alabama | Subnational Level 1 | High SDI | Birmingham | Subnational Level 3 | High SDI | West Sulawesi | Subnational Level 1 | Low-middle SDI |
| Alaska | Subnational Level 1 | High SDI | Coventry | Subnational Level 3 | High SDI | South Sulawesi | Subnational Level 1 | Middle SDI |
| Arizona | Subnational Level 1 | High SDI | Dudley | Subnational Level 3 | High SDI | Central Sulawesi | Subnational Level 1 | Middle SDI |
| Arkansas | Subnational Level 1 | High SDI | Herefordshire, County of | Subnational Level 3 | High SDI | Southeast Sulawesi | Subnational Level 1 | Middle SDI |
| California | Subnational Level 1 | High SDI | Sandwell | Subnational Level 3 | High SDI | North Sulawesi | Subnational Level 1 | Middle SDI |
| Colorado | Subnational Level 1 | High SDI | Shropshire | Subnational Level 3 | High SDI | West Sumatra | Subnational Level 1 | Middle SDI |
| Connecticut | Subnational Level 1 | High SDI | Solihull | Subnational Level 3 | High SDI | South Sumatra | Subnational Level 1 | Middle SDI |
| Delaware | Subnational Level 1 | High SDI | Staffordshire | Subnational Level 3 | High SDI | North Sumatra | Subnational Level 1 | Middle SDI |
| District of Columbia | Subnational Level 1 | High SDI | Stoke-on-Trent | Subnational Level 3 | High SDI | Yogyakarta | Subnational Level 1 | Middle SDI |
| Florida | Subnational Level 1 | High SDI | Telford and Wrekin | Subnational Level 3 | High SDI | Lao People's Democratic Republic | Country | Low-middle SDI |
| Georgia | Subnational Level 1 | High SDI | Walsall | Subnational Level 3 | High SDI | Malaysia | Country | High-middle SDI |
| Hawaii | Subnational Level 1 | High SDI | Warwickshire | Subnational Level 3 | High SDI | Maldives | Country | Low-middle SDI |
| Idaho | Subnational Level 1 | High SDI | Wolverhampton | Subnational Level 3 | High SDI | Mauritius | Country | High-middle SDI |
| Illinois | Subnational Level 1 | High SDI | Worcestershire | Subnational Level 3 | High SDI | Myanmar | Country | Low-middle SDI |
| Indiana | Subnational Level 1 | High SDI | Yorkshire and the Humber | Subnational Level 2 | High SDI | Philippines | Country | Middle SDI |
| Iowa | Subnational Level 1 | High SDI | Barnsley | Subnational Level 3 | High SDI | Seychelles | Country | High-middle SDI |
| Kansas | Subnational Level 1 | High SDI | Bradford | Subnational Level 3 | High SDI | Sri Lanka | Country | High-middle SDI |
| Kentucky | Subnational Level 1 | High SDI | Calderdale | Subnational Level 3 | High SDI | Thailand | Country | Middle SDI |
| Louisiana | Subnational Level 1 | High SDI | Doncaster | Subnational Level 3 | High SDI | Timor-Leste | Country | Low-middle SDI |
| Maine | Subnational Level 1 | High SDI | East Riding of Yorkshire | Subnational Level 3 | High SDI | Viet Nam | Country | Middle SDI |
| Maryland | Subnational Level 1 | High SDI | Kingston upon Hull, City of | Subnational Level 3 | High SDI | Sub-Saharan Africa | Super region | - |
| Massachusetts | Subnational Level 1 | High SDI | Kirklees | Subnational Level 3 | High SDI | Central Sub-Saharan Africa | Region | - |
| Michigan | Subnational Level 1 | High SDI | Leeds | Subnational Level 3 | High SDI | Angola | Country | Low-middle SDI |
| Minnesota | Subnational Level 1 | High SDI | North East Lincolnshire | Subnational Level 3 | High SDI | Central African Republic | Country | Low SDI |
| Mississippi | Subnational Level 1 | High-middle SDI | North Lincolnshire | Subnational Level 3 | High SDI | Congo | Country | Low-middle SDI |
| Missouri | Subnational Level 1 | High SDI | North Yorkshire | Subnational Level 3 | High SDI | Democratic Republic of the Congo | Country | Low SDI |
| Montana | Subnational Level 1 | High SDI | Rotherham | Subnational Level 3 | High SDI | Equatorial Guinea | Country | Middle SDI |
| Nebraska | Subnational Level 1 | High SDI | Sheffield | Subnational Level 3 | High SDI | Gabon | Country | Middle SDI |
| Nevada | Subnational Level 1 | High SDI | Wakefield | Subnational Level 3 | High SDI | Eastern Sub-Saharan Africa | Region | - |
| New Hampshire | Subnational Level 1 | High SDI | York | Subnational Level 3 | High SDI | Burundi | Country | Low SDI |
| New Jersey | Subnational Level 1 | High SDI | Northern Ireland | Subnational Level 1 | High SDI | Comoros | Country | Low SDI |
| New Mexico | Subnational Level 1 | High SDI | Scotland | Subnational Level 1 | High SDI | Djibouti | Country | Low-middle SDI |
| New York | Subnational Level 1 | High SDI | Wales | Subnational Level 1 | High SDI | Eritrea | Country | Low SDI |
| North Carolina | Subnational Level 1 | High SDI | Latin America and Caribbean | Super region | - | Ethiopia | Country | Low SDI |
| North Dakota | Subnational Level 1 | High SDI | Andean Latin America | Region | - | Kenya | Country | Low-middle SDI |
| Ohio | Subnational Level 1 | High SDI | Bolivia (Plurinational State of) | Country | Low-middle SDI | Baringo | Subnational Level 1 | Low-middle SDI |
| OKlahoma | Subnational Level 1 | High SDI | Ecuador | Country | Middle SDI | Bomet | Subnational Level 1 | Low-middle SDI |
| Oregon | Subnational Level 1 | High SDI | Peru | Country | Middle SDI | Bungoma | Subnational Level 1 | Low-middle SDI |
| Pennsylvania | Subnational Level 1 | High SDI | Caribbean | Region | - | Busia | Subnational Level 1 | Low-middle SDI |
| Rhode Island | Subnational Level 1 | High SDI | Antigua and Barbuda | Country | High-middle SDI | Elgeyo-Marakwet | Subnational Level 1 | Low-middle SDI |
| South Carolina | Subnational Level 1 | High SDI | Bahamas | Country | High-middle SDI | Embu | Subnational Level 1 | Low-middle SDI |
| South Dakota | Subnational Level 1 | High SDI | Barbados | Country | High-middle SDI | Garissa | Subnational Level 1 | Low-middle SDI |
| Tennessee | Subnational Level 1 | High SDI | Belize | Country | Low-middle SDI | HomaBay | Subnational Level 1 | Low-middle SDI |
| Texas | Subnational Level 1 | High SDI | Bermuda | Country | High SDI | Isiolo | Subnational Level 1 | Low-middle SDI |
| Utah | Subnational Level 1 | High SDI | Cuba | Country | Middle SDI | Kajiado | Subnational Level 1 | Low-middle SDI |
| Vermont | Subnational Level 1 | High SDI | Dominica | Country | High-middle SDI | Kakamega | Subnational Level 1 | Low-middle SDI |
| Virginia | Subnational Level 1 | High SDI | Dominican Republic | Country | Low-middle SDI | Kericho | Subnational Level 1 | Low-middle SDI |
| Washington | Subnational Level 1 | High SDI | Grenada | Country | Middle SDI | Kiambu | Subnational Level 1 | Low-middle SDI |
| West Virginia | Subnational Level 1 | High SDI | Guyana | Country | Middle SDI | Kilifi | Subnational Level 1 | Low-middle SDI |
| Wisconsin | Subnational Level 1 | High SDI | Haiti | Country | Low SDI | Kirinyaga | Subnational Level 1 | Low-middle SDI |

Supplementary Table 2. GBD location hierarchy, with SDI quintile

| Geography | Level in hierarchy | SDI quintile | Geography | Level in hierarchy | SDI quintile | Geography | Level in hierarchy | SDI quintile |
|-------------------------|---------------------|-----------------|------------------------------------|---------------------|-----------------|-----------------------------|---------------------|----------------|
| Wyoming | Subnational Level 1 | High SDI | Jamaica | Country | Middle SDI | Kisili | Subnational Level 1 | Low-middle SDI |
| Southern Latin America | Region | - | Puerto Rico | Country | High SDI | Kisumu | Subnational Level 1 | Low-middle SDI |
| Argentina | Country | High-middle SDI | Saint Kitts and Nevis | Country | High-middle SDI | Kitui | Subnational Level 1 | Low-middle SDI |
| Chile | Country | High-middle SDI | Saint Lucia | Country | Middle SDI | Kwale | Subnational Level 1 | Low-middle SDI |
| Uruguay | Country | High-middle SDI | Saint Vincent and the Grenadines | Country | Middle SDI | Lalkipia | Subnational Level 1 | Low-middle SDI |
| Western Europe | Region | - | Suriname | Country | Middle SDI | Lamu | Subnational Level 1 | Low-middle SDI |
| Andorra | Country | High SDI | Trinidad and Tobago | Country | High-middle SDI | Machakos | Subnational Level 1 | Low-middle SDI |
| Austria | Country | High SDI | United States Virgin Islands | Country | High-middle SDI | Makueni | Subnational Level 1 | Low-middle SDI |
| Belgium | Country | High SDI | Central Latin America | Region | - | Mandera | Subnational Level 1 | Low-middle SDI |
| Cyprus | Country | High SDI | Colombia | Country | Middle SDI | Marsabit | Subnational Level 1 | Low-middle SDI |
| Denmark | Country | High SDI | Costa Rica | Country | Middle SDI | Meru | Subnational Level 1 | Low-middle SDI |
| Finland | Country | High SDI | El Salvador | Country | Low-middle SDI | Migori | Subnational Level 1 | Low-middle SDI |
| France | Country | High SDI | Guatemala | Country | Low-middle SDI | Mombasa | Subnational Level 1 | Low-middle SDI |
| Germany | Country | High SDI | Honduras | Country | Low-middle SDI | Murang'a | Subnational Level 1 | Low-middle SDI |
| Greece | Country | High-middle SDI | Mexico | Country | Middle SDI | Nairobi | Subnational Level 1 | Low-middle SDI |
| Iceland | Country | High SDI | Aguscalientes | Subnational Level 1 | Middle SDI | Nakuru | Subnational Level 1 | Low-middle SDI |
| Ireland | Country | High SDI | Baja California | Subnational Level 1 | Middle SDI | Nandi | Subnational Level 1 | Low-middle SDI |
| Israel | Country | High-middle SDI | Baja California Sur | Subnational Level 1 | Middle SDI | Narok | Subnational Level 1 | Low-middle SDI |
| Italy | Country | High-middle SDI | Campeche | Subnational Level 1 | Middle SDI | Nyamira | Subnational Level 1 | Low-middle SDI |
| Luxembourg | Country | High SDI | Chiapas | Subnational Level 1 | Middle SDI | Nyandarua | Subnational Level 1 | Low-middle SDI |
| Malta | Country | High-middle SDI | Chihuahua | Subnational Level 1 | Middle SDI | Nyeri | Subnational Level 1 | Low-middle SDI |
| Monaco | Country | High SDI | Coahuila | Subnational Level 1 | Middle SDI | Samburu | Subnational Level 1 | Low-middle SDI |
| Netherlands | Country | High SDI | Colima | Subnational Level 1 | Middle SDI | Siaya | Subnational Level 1 | Low-middle SDI |
| Norway | Country | High SDI | Durango | Subnational Level 1 | Middle SDI | Taita Taveta | Subnational Level 1 | Low-middle SDI |
| Portugal | Country | High-middle SDI | Guanajuato | Subnational Level 1 | Middle SDI | Tana River | Subnational Level 1 | Low-middle SDI |
| San Marino | Country | High SDI | Guerrero | Subnational Level 1 | Middle SDI | TharakaNithi | Subnational Level 1 | Low-middle SDI |
| Spain | Country | High-middle SDI | Hidalgo | Subnational Level 1 | Middle SDI | TransNzola | Subnational Level 1 | Low-middle SDI |
| Sweden | Country | High SDI | Jalisco | Subnational Level 1 | Middle SDI | Turkana | Subnational Level 1 | Low-middle SDI |
| Stockholm | Subnational Level 1 | High SDI | México | Subnational Level 1 | Middle SDI | UasinGishu | Subnational Level 1 | Low-middle SDI |
| Sweden except Stockholm | Subnational Level 1 | High SDI | Mexico City | Subnational Level 1 | Middle SDI | Vihiga | Subnational Level 1 | Low-middle SDI |
| Switzerland | Country | High SDI | Michoacán de Ocampo | Subnational Level 1 | Middle SDI | Wajir | Subnational Level 1 | Low-middle SDI |
| United Kingdom | Country | High SDI | Morelos | Subnational Level 1 | Middle SDI | WestPokot | Subnational Level 1 | Low-middle SDI |
| England | Subnational Level 1 | High SDI | Nayarit | Subnational Level 1 | Middle SDI | Madagascar | Country | Low SDI |
| East Midlands | Subnational Level 2 | High SDI | Nuevo León | Subnational Level 1 | Middle SDI | Malawi | Country | Low SDI |
| Derby | Subnational Level 3 | High SDI | Oaxaca | Subnational Level 1 | Middle SDI | Mozambique | Country | Low SDI |
| Derbyshire | Subnational Level 3 | High SDI | Puebla | Subnational Level 1 | Middle SDI | Rwanda | Country | Low SDI |
| Leicester | Subnational Level 3 | High SDI | Querétaro | Subnational Level 1 | Middle SDI | Somalia | Country | Low SDI |
| Leicestershire | Subnational Level 3 | High SDI | Quintana Roo | Subnational Level 1 | Middle SDI | South Sudan | Country | Low SDI |
| Lincolnshire | Subnational Level 3 | High SDI | San Luis Potosí | Subnational Level 1 | Middle SDI | Uganda | Country | Low SDI |
| Northamptonshire | Subnational Level 3 | High SDI | Sinaloa | Subnational Level 1 | Middle SDI | United Republic of Tanzania | Country | Low SDI |
| Nottingham | Subnational Level 3 | High SDI | Sonora | Subnational Level 1 | Middle SDI | Zambia | Country | Low-middle SDI |
| Nottinghamshire | Subnational Level 3 | High SDI | Tabasco | Subnational Level 1 | Middle SDI | Southern Sub-Saharan Africa | Region | - |
| Rutland | Subnational Level 3 | High SDI | Tamaulipas | Subnational Level 1 | Middle SDI | Botswana | Country | Middle SDI |
| East of England | Subnational Level 2 | High SDI | Tlaxcala | Subnational Level 1 | Middle SDI | Eswatini | Country | Low-middle SDI |
| Bedford | Subnational Level 3 | High SDI | Veracruz de Ignacio de la Llave | Subnational Level 1 | Middle SDI | Lesotho | Country | Low-middle SDI |
| Cambridgeshire | Subnational Level 3 | High SDI | Yucatán | Subnational Level 1 | Middle SDI | Namibia | Country | Middle SDI |
| Central Bedfordshire | Subnational Level 3 | High SDI | Zacatecas | Subnational Level 1 | Middle SDI | South Africa | Country | Middle SDI |
| Essex | Subnational Level 3 | High SDI | Nicaragua | Country | Low-middle SDI | Zimbabwe | Country | Low-middle SDI |
| Hertfordshire | Subnational Level 3 | High SDI | Panama | Country | Middle SDI | Western Sub-Saharan Africa | Region | - |
| Luton | Subnational Level 3 | High SDI | Venezuela (Bolivarian Republic of) | Country | Low-middle SDI | Benin | Country | Low SDI |
| Norfolk | Subnational Level 3 | High SDI | Tropical Latin America | Region | - | Burkina Faso | Country | Low SDI |
| Peterborough | Subnational Level 3 | High SDI | Brazil | Country | Middle SDI | Cabo Verde | Country | Low-middle SDI |
| Southend-on-Sea | Subnational Level 3 | High SDI | Acre | Subnational Level 1 | Low-middle SDI | Cameroon | Country | Low-middle SDI |
| Suffolk | Subnational Level 3 | High SDI | Alagoas | Subnational Level 1 | Low-middle SDI | Chad | Country | Low SDI |
| Thurrock | Subnational Level 3 | High SDI | Amapá | Subnational Level 1 | Middle SDI | Côte d'Ivoire | Country | Low SDI |
| Greater London | Subnational Level 2 | High SDI | Amazonas | Subnational Level 1 | Low-middle SDI | Gambia | Country | Low SDI |
| Barking and Dagenham | Subnational Level 3 | High SDI | Bahía | Subnational Level 1 | Low-middle SDI | Ghana | Country | Low-middle SDI |
| Barnet | Subnational Level 3 | High SDI | Ceará | Subnational Level 1 | Low-middle SDI | Guinea | Country | Low SDI |
| Bexley | Subnational Level 3 | High SDI | Distrito Federal | Subnational Level 1 | High-middle SDI | Guinea-Bissau | Country | Low SDI |
| Brent | Subnational Level 3 | High SDI | Espirito Santo | Subnational Level 1 | Middle SDI | Liberia | Country | Low SDI |
| Bromley | Subnational Level 3 | High SDI | Goiás | Subnational Level 1 | Middle SDI | Mali | Country | Low SDI |
| Camden | Subnational Level 3 | High SDI | Maranhão | Subnational Level 1 | Low SDI | Mauritania | Country | Low-middle SDI |
| Croydon | Subnational Level 3 | High SDI | Mato Grosso | Subnational Level 1 | Middle SDI | Niger | Country | Low SDI |
| Ealing | Subnational Level 3 | High SDI | Mato Grosso do Sul | Subnational Level 1 | Middle SDI | Nigeria | Country | Low-middle SDI |
| Enfield | Subnational Level 3 | High SDI | Minas Gerais | Subnational Level 1 | Middle SDI | Sao Tome and Principe | Country | Low-middle SDI |
| Greenwich | Subnational Level 3 | High SDI | Pará | Subnational Level 1 | Low-middle SDI | Senegal | Country | Low SDI |
| Hackney | Subnational Level 3 | High SDI | Paraíba | Subnational Level 1 | Low-middle SDI | Sierra Leone | Country | Low SDI |
| Hammersmith and Fulham | Subnational Level 3 | High SDI | Paraná | Subnational Level 1 | Middle SDI | Togo | Country | Low SDI |

Supplementary Table 3. List of GBD causes, with levels

| Cause name | Level in hierarchy | Cause name | Level in hierarchy | Cause name | Level in hierarchy |
|---|--------------------|--|--------------------|--|--------------------|
| All causes | 0 | Testicular cancer | 3 | Bacterial skin diseases | 3 |
| Communicable, maternal, neonatal, and nutritional | 1 | Kidney cancer | 3 | Cellulitis | 4 |
| HIV/AIDS and sexually transmitted infections | 2 | Bladder cancer | 3 | Pyoderma | 4 |
| HIV/AIDS | 3 | Brain and central nervous system cancer | 3 | Scabies | 3 |
| HIV/AIDS - Drug-susceptible | 4 | Thyroid cancer | 3 | Fungal skin diseases | 3 |
| HIV/AIDS - Multidrug-resistant Tuberculosis | 4 | Mesothelioma | 3 | Viral skin diseases | 3 |
| HIV/AIDS - Extensively drug-resistant | 4 | Hodgkin lymphoma | 3 | Acne vulgaris | 3 |
| HIV/AIDS resulting in other diseases | 4 | Non-Hodgkin lymphoma | 3 | Alopecia areata | 3 |
| Sexually transmitted infections excluding HIV | 3 | Multiple myeloma | 3 | Pruritus | 3 |
| Syphilis | 4 | Leukemia | 3 | Urticaria | 3 |
| Chlamydial infection | 4 | Acute lymphoid leukemia | 4 | Decubitus ulcer | 3 |
| Gonococcal infection | 4 | Chronic lymphoid leukemia | 4 | Other skin and subcutaneous diseases | 3 |
| Trichomoniasis | 4 | Acute myeloid leukemia | 4 | Sense organ diseases | 2 |
| Genital herpes | 4 | Chronic myeloid leukemia | 4 | Blindness and vision loss | 3 |
| Other sexually transmitted infections | 4 | Other leukemia | 4 | Glaucoma | 4 |
| Respiratory infections and tuberculosis | 2 | Other malignant neoplasms | 3 | Cataract | 4 |
| Tuberculosis | 3 | Other neoplasms | 3 | Age-related macular degeneration | 4 |
| Latent tuberculosis infection | 4 | Myelodysplastic, myeloproliferative, Benign and in situ intestinal neoplasms | 4 | Refraction disorders | 4 |
| Drug-susceptible tuberculosis | 4 | Benign and in situ cervical and uterine | 4 | Near vision loss | 4 |
| Multidrug-resistant tuberculosis without | 4 | Other benign and in situ neoplasms | 4 | Other vision loss | 4 |
| Extensively drug-resistant tuberculosis | 4 | Cardiovascular diseases | 2 | Age-related and other hearing loss | 3 |
| Lower respiratory infections | 3 | Rheumatic heart disease | 3 | Other sense organ diseases | 3 |
| Upper respiratory infections | 3 | Ischemic heart disease | 3 | Musculoskeletal disorders | 2 |
| Otitis media | 3 | Stroke | 3 | Rheumatoid arthritis | 3 |
| Enteric infections | 2 | Ischemic stroke | 4 | Osteoarthritis | 3 |
| Diarrheal diseases | 3 | Intracerebral hemorrhage | 4 | Osteoarthritis hip | 4 |
| Typhoid and paratyphoid | 3 | Subarachnoid hemorrhage | 4 | Osteoarthritis knee | 4 |
| Typhoid fever | 4 | Hypertensive heart disease | 3 | Osteoarthritis hand | 4 |
| Paratyphoid fever | 4 | Non-rheumatic valvular heart disease | 3 | Osteoarthritis other | 4 |
| Invasive Non-typhoidal Salmonella (INTS) | 3 | Non-rheumatic calcific aortic valve disease | 4 | Low back pain | 3 |
| Other intestinal infectious diseases | 3 | Non-rheumatic degenerative mitral | 4 | Neck pain | 3 |
| Neglected tropical diseases and malaria | 2 | Other non-rheumatic valve diseases | 4 | Gout | 3 |
| Malaria | 3 | Cardiomyopathy and myocarditis | 3 | Other musculoskeletal disorders | 3 |
| Chagas disease | 3 | Myocarditis | 4 | Other non-communicable diseases | 2 |
| Leishmaniasis | 3 | Alcoholic cardiomyopathy | 4 | Congenital birth defects | 3 |
| Visceral leishmaniasis | 4 | Other cardiomyopathy | 4 | Neural tube defects | 4 |
| Cutaneous and mucocutaneous | 4 | Atrial fibrillation and flutter | 3 | Congenital heart anomalies | 4 |
| African trypanosomiasis | 3 | Aortic aneurysm | 3 | Orofacial clefts | 4 |
| Schistosomiasis | 3 | Peripheral artery disease | 3 | Down syndrome | 4 |
| Cysticercosis | 3 | Endocarditis | 3 | Turner syndrome | 4 |
| Cystic echinococcosis | 3 | Other cardiovascular and circulatory diseases | 3 | Klinefelter syndrome | 4 |
| Lymphatic filariasis | 3 | Chronic respiratory diseases | 2 | Other chromosomal abnormalities | 4 |
| Onchocerciasis | 3 | Chronic obstructive pulmonary disease | 3 | Congenital musculoskeletal and urogenital congenital anomalies | 4 |
| Trachoma | 3 | Pneumoconiosis | 3 | Digestive congenital anomalies | 4 |
| Dengue | 3 | | | | |

Supplementary Table 3. List of GBD causes, with levels

| Cause name | Level in hierarchy | Cause name | Level in hierarchy | Cause name | Level in hierarchy |
|---------------------------------------|--------------------|--|--------------------|---|--------------------|
| Yellow fever | 3 | Silicosis | 4 | Other congenital birth defects | 4 |
| Rabies | 3 | Asbestosis | 4 | Urinary diseases and male infertility | 3 |
| Intestinal nematode infections | 3 | Coal workers pneumoconiosis | 4 | Urinary tract infections and interstitial | 4 |
| Ascariasis | 4 | Other pneumoconiosis | 4 | Urolithiasis | 4 |
| Trichuriasis | 4 | Asthma | 3 | Benign prostatic hyperplasia | 4 |
| Hookworm disease | 4 | Interstitial lung disease and pulmonary | 3 | Male infertility | 4 |
| Food-borne trematodiasis | 3 | Other chronic respiratory diseases | 3 | Other urinary diseases | 4 |
| Leprosy | 3 | Digestive diseases | 2 | Gynecological diseases | 3 |
| Ebola | 3 | Cirrhosis and other chronic liver diseases | 3 | Uterine fibroids | 4 |
| Zika virus | 3 | Cirrhosis and other chronic liver diseases | 4 | Polycystic ovarian syndrome | 4 |
| Guinea worm disease | 3 | Cirrhosis and other chronic liver diseases | 4 | Female infertility | 4 |
| Other neglected tropical diseases | 3 | Cirrhosis and other chronic liver diseases | 4 | Endometriosis | 4 |
| Other infectious diseases | 2 | Cirrhosis and other chronic liver diseases | 4 | Genital prolapse | 4 |
| Meningitis | 3 | Cirrhosis and other chronic liver diseases | 4 | Premenstrual syndrome | 4 |
| Encephalitis | 3 | Upper digestive system diseases | 3 | Other gynecological diseases | 4 |
| Diphtheria | 3 | Peptic ulcer disease | 4 | Hemoglobinopathies and hemolytic anemias | 3 |
| Whooping cough | 3 | Gastritis and duodenitis | 4 | Thalassemias | 4 |
| Tetanus | 3 | Gastroesophageal reflux disease | 4 | Thalassemias trait | 4 |
| Measles | 3 | Appendicitis | 3 | Sickle cell disorders | 4 |
| Varicella and herpes zoster | 3 | Paralytic ileus and intestinal obstruction | 3 | Sickle cell trait | 4 |
| Acute hepatitis | 3 | Inguinal, femoral, and abdominal hernia | 3 | G6PD deficiency | 4 |
| Acute hepatitis A | 4 | Inflammatory bowel disease | 3 | G6PD trait | 4 |
| Acute hepatitis B | 4 | Vascular intestinal disorders | 3 | Other hemoglobinopathies | 4 |
| Acute hepatitis C | 4 | Gallbladder and biliary diseases | 3 | Endocrine, metabolic, blood, and immune | 3 |
| Acute hepatitis E | 4 | Pancreatitis | 3 | Oral disorders | 3 |
| Other unspecified infectious diseases | 3 | Other digestive diseases | 3 | Caries of deciduous teeth | 4 |
| Maternal and neonatal disorders | 2 | Neurological disorders | 2 | Caries of permanent teeth | 4 |
| Maternal disorders | 3 | Alzheimer's disease and other dementias | 3 | Periodontal diseases | 4 |
| Maternal hemorrhage | 4 | Parkinson's disease | 3 | Edentulism | 4 |
| Maternal sepsis and other maternal | 4 | Idiopathic epilepsy | 3 | Other oral disorders | 4 |
| Maternal hypertensive disorders | 4 | Multiple sclerosis | 3 | Sudden infant death syndrome | 3 |
| Maternal obstructed labor and uterine | 4 | Motor neuron disease | 3 | Injuries | 1 |
| Maternal abortion and miscarriage | 4 | Headache disorders | 3 | Transport injuries | 2 |
| Ectopic pregnancy | 4 | Migraine | 4 | Road injuries | 3 |
| Indirect maternal deaths | 4 | Tension-type headache | 4 | Pedestrian road injuries | 4 |
| Late maternal deaths | 4 | Other neurological disorders | 3 | Cyclist road injuries | 4 |
| Maternal deaths aggravated by | 4 | Mental disorders | 2 | Motorcyclist road injuries | 4 |
| Other maternal disorders | 4 | Schizophrenia | 3 | Motor vehicle road injuries | 4 |
| Neonatal disorders | 3 | Depressive disorders | 3 | Other road injuries | 4 |
| Neonatal preterm birth | 4 | Major depressive disorder | 4 | Other transport injuries | 3 |
| Neonatal encephalopathy due to | 4 | Dysthymia | 4 | Unintentional injuries | 2 |
| Neonatal sepsis and other neonatal | 4 | Bipolar disorder | 3 | Falls | 3 |
| Hemolytic disease and other neonatal | 4 | Anxiety disorders | 3 | Drowning | 3 |
| Other neonatal disorders | 4 | Eating disorders | 3 | Fire, heat, and hot substances | 3 |
| Nutritional deficiencies | 2 | Anorexia nervosa | 4 | Poisonings | 3 |

Supplementary Table 3. List of GBD causes, with levels

| Cause name | Level in hierarchy | Cause name | Level in hierarchy | Cause name | Level in hierarchy |
|--|--------------------|--|--------------------|---|--------------------|
| Protein-energy malnutrition | 3 | Bulimia nervosa | 4 | Poisoning by carbon monoxide | 4 |
| Iodine deficiency | 3 | Autism spectrum disorders | 3 | Poisoning by other means | 4 |
| Vitamin A deficiency | 3 | Attention-deficit/hyperactivity | 3 | Exposure to mechanical forces | 3 |
| Dietary iron deficiency | 3 | Conduct disorder | 3 | Unintentional firearm injuries | 4 |
| Other nutritional deficiencies | 3 | Idiopathic developmental | 3 | Other exposure to mechanical forces | 4 |
| Non-communicable diseases | 1 | Other mental disorders | 3 | Adverse effects of medical treatment | 3 |
| Neoplasms | 2 | Substance use disorders | 2 | Animal contact | 3 |
| Lip and oral cavity cancer | 3 | Alcohol use disorders | 3 | Venomous animal contact | 4 |
| Nasopharynx cancer | 3 | Drug use disorders | 3 | Non-venomous animal contact | 4 |
| Other pharynx cancer | 3 | Opioid use disorders | 4 | Foreign body | 3 |
| Esophageal cancer | 3 | Cocaine use disorders | 4 | Pulmonary aspiration and foreign body in | 4 |
| Stomach cancer | 3 | Amphetamine use disorders | 4 | Foreign body in eyes | 4 |
| Colon and rectum cancer | 3 | Cannabis use disorders | 4 | Foreign body in other body part | 4 |
| Liver cancer | 3 | Other drug use disorders | 4 | Environmental heat and cold exposure | 3 |
| Liver cancer due to hepatitis B | 4 | Diabetes and kidney diseases | 2 | Exposure to forces of nature | 3 |
| Liver cancer due to hepatitis C | 4 | Diabetes mellitus | 3 | Other unintentional injuries | 3 |
| Liver cancer due to alcohol use | 4 | Diabetes mellitus type 1 | 4 | Self-harm and interpersonal violence | 2 |
| Liver cancer due to NASH | 4 | Diabetes mellitus type 2 | 4 | Self-harm | 3 |
| Liver cancer due to other causes | 4 | Chronic kidney disease | 3 | Self-harm by firearm | 4 |
| Gallbladder and biliary tract cancer | 3 | Chronic kidney disease due to diabetes | 4 | Self-harm by other specified means | 4 |
| Pancreatic cancer | 3 | Chronic kidney disease due to diabetes | 4 | Interpersonal violence | 3 |
| Larynx cancer | 3 | Chronic kidney disease due to hypertension | 4 | Physical violence by firearm | 4 |
| Tracheal, bronchus, and lung cancer | 3 | Chronic kidney disease due to | 4 | Physical violence by sharp object | 4 |
| Malignant skin melanoma | 3 | Chronic kidney disease due to other and | 4 | Sexual violence | 4 |
| Non-melanoma skin cancer | 3 | Acute glomerulonephritis | 3 | Physical violence by other means | 4 |
| Non-melanoma skin cancer (squamous-cell) | 4 | Skin and subcutaneous diseases | 2 | Conflict and terrorism | 3 |
| Non-melanoma skin cancer (basal-cell) | 4 | Dermatitis | 3 | Executions and police conflict | 3 |
| Breast cancer | 3 | Atopic dermatitis | 4 | Total cancers | 1 |
| Cervical cancer | 3 | Contact dermatitis | 4 | Total burden related to hepatitis B | 1 |
| Uterine cancer | 3 | Seborrhoeic dermatitis | 4 | Total burden related to hepatitis C | 1 |
| Ovarian cancer | 3 | Psoriasis | 3 | Total burden related to Non-alcoholic fatty liver | 1 |
| Prostate cancer | 3 | | | | |

Supplementary Table 4. Cause-specific mortality rate for 70-79 years, 80-94 years, and 95+ years in 2019, and percentage change from 1990 to 2019 in death number and rate in 70+ years, global, for all GBD causes

| Causes | Males | | | | | Females | | | | |
|--|-----------------------------|---------------------------|---------------------------|-------------------------------------|---------------------------|-----------------------------|------------------------------|-----------------------------|-------------------------------------|----------------------------|
| | Deaths per 100,000, 2019 | | | Percentage change in 70+, 1990-2019 | | Deaths per 100,000, 2019 | | | Percentage change in 70+, 1990-2019 | |
| | 70 to 79 | 80 to 94 | 95 plus | Number | Rate | 70 to 79 | 80 to 94 | 95 plus | Number | Rate |
| Meningitis | 4.22 (3.84 to 4.82) | 7.58 (6.63 to 8.63) | 11.1 (8.63 to 13.3) | 19.5 (4.38 to 40.8) | -11.7 (-57.8 to -43.1) | 4 (3.56 to 4.43) | 5.95 (4.99 to 6.98) | 9.7 (7.33 to 11.4) | 18.8 (-0.82 to 38) | -45.8 (-54.5 to -36.7) |
| Encephalitis | 4.43 (3.54 to 6.75) | 8.52 (6.85 to 11.3) | 10.5 (8.04 to 14.1) | 73.1 (28.2 to 201) | -30 (-48.2 to 21.7) | 4.05 (3.13 to 5.87) | 6.91 (5.25 to 8.87) | 6.52 (4.66 to 8.1) | 129 (64.1 to 233) | 4.98 (24.8 to 52.9) |
| Diphtheria | | | | | | | | | | |
| Whooping cough | | | | | | | | | | |
| Tetanus | 0.62 (0.31 to 1.01) | 0.815 (0.434 to 1.38) | 1.36 (0.802 to 2.69) | 64.7 (-76.4 to -36.7) | -85.7 (-90.4 to -74.4) | 0.614 (0.33 to 0.861) | 0.566 (0.255 to 0.792) | 0.571 (0.289 to 0.827) | -66.1 (-77.8 to -41.4) | -84.5 (-89.8 to -73.1) |
| Measles | 0.152 (0.118 to 0.167) | 0.257 (0.233 to 0.282) | 0.386 (0.351 to 0.425) | | | 0.133 (0.121 to 0.146) | 0.246 (0.224 to 0.271) | 0.295 (0.268 to 0.324) | | |
| Varicella and herpes zoster | 0.413 (0.348 to 0.515) | 2.57 (2.14 to 3.36) | 13.7 (9.58 to 18.6) | 23.5 (6.99 to 44.8) | -50.1 (-56.7 to -41.4) | 0.385 (0.323 to 0.473) | 2.47 (1.96 to 3.27) | 13.9 (9.03 to 20.6) | 30.3 (22.5 to 49) | -40.3 (-48.4 to -31.7) |
| Acute hepatitis | 2.99 (2.42 to 3.8) | 3.76 (3 to 4.67) | 4.52 (3.12 to 6.16) | 24.8 (-47.7 to 17.9) | -69.6 (-78.9 to -52.3) | 1.95 (1.61 to 2.5) | 2.4 (1.96 to 3.12) | 1.94 (1.42 to 2.55) | 34.6 (53.8 to 24.2) | 70 (-78.8 to -43.1) |
| Acute hepatitis A | 1.16 (0.759 to 1.65) | 1.77 (1.2 to 2.42) | 2.05 (1.18 to 3.28) | -42.3 (-60.8 to -3.29) | -76.7 (-84.2 to -60.9) | 0.911 (0.498 to 1.33) | 1.32 (0.789 to 1.86) | 1.09 (0.652 to 1.6) | -41.8 (-61.5 to -23.9) | -73.3 (-82.3 to -63.2) |
| Acute hepatitis B | 1.6 (1.16 to 2.27) | 1.66 (1.18 to 2.31) | 1.9 (1.13 to 3.02) | -0.282 (-41.4 to 81.3) | -59.7 (-76.3 to -26.7) | 0.823 (0.545 to 1.26) | 0.778 (0.467 to 1.29) | 0.648 (0.397 to 1.05) | -19.3 (-51.6 to 60.7) | -63 (-77.8 to -26.3) |
| Acute hepatitis C | 0.147 (0.0882 to 0.308) | 0.201 (0.126 to 0.425) | 0.256 (0.125 to 0.54) | -31.1 (-65.9 to 47.3) | -72.2 (-86.2 to -40.4) | 0.179 (0.0965 to 0.317) | 0.258 (0.16 to 0.402) | 0.119 (0.0715 to 0.193) | -45.7 (-69.6 to -21.8) | -75.1 (-86.1 to -47.3) |
| Acute hepatitis E | 0.0884 (0.0484 to 0.142) | 0.126 (0.07 to 0.195) | 0.31 (0.123 to 0.722) | -5.08 (-47.6 to 79.2) | -61.6 (-78.8 to -27.5) | 0.036 (0.0156 to 0.0547) | 0.0514 (0.0276 to 0.0801) | 0.0796 (0.0363 to 0.147) | 17.3 (32.3 to 144) | -46.2 (-69 to 12.1) |
| Other unspecified infectious diseases | 3.62 (2.41 to 4.98) | 7.17 (4.38 to 8.71) | 17.8 (10.4 to 23) | 76.7 (18.7 to 120) | -28.4 (-52 to -11.2) | 2.73 (1.78 to 3.24) | 5.29 (3.34 to 6.52) | 11.5 (7.51 to 14.5) | 99 (58.3 to 143) | 8.76 (-27.4 to 11.3) |
| Maternal and neonatal disorders | | | | | | | | | | |
| Maternal disorders | | | | | | | | | | |
| Maternal hemorrhage | | | | | | | | | | |
| Maternal sepsis and other maternal infections | | | | | | | | | | |
| Maternal hypertensive disorders | | | | | | | | | | |
| Maternal obstructed labor and uterine rupture | | | | | | | | | | |
| Maternal abortion and miscarriage | | | | | | | | | | |
| Ectopic pregnancy | | | | | | | | | | |
| Indirect maternal deaths | | | | | | | | | | |
| Late maternal deaths | | | | | | | | | | |
| Maternal deaths aggravated by HIV/AIDS | | | | | | | | | | |
| Other maternal disorders | | | | | | | | | | |
| Neonatal disorders | | | | | | | | | | |
| Neonatal preterm birth | | | | | | | | | | |
| Neonatal encephalopathy due to birth asphyxia and trauma | | | | | | | | | | |
| Neonatal sepsis and other neonatal infections | | | | | | | | | | |
| Hemolytic disease and other neonatal jaundice | | | | | | | | | | |
| Other neonatal disorders | | | | | | | | | | |
| Nutritional deficiencies | 10.1 (9.31 to 10.2) | 40.8 (36.3 to 44) | 196 (153 to 220) | -4.78 (-19.3 to 39.5) | -61.5 (-67.3 to -43.6) | 9.6 (8.24 to 11.1) | 38.6 (32.1 to 44.1) | 196 (147 to 226) | 14.9 (18.9 to 87.4) | -47.3 (-62.8 to -31.4) |
| Protein-energy malnutrition | 7.88 (7.23 to 8.58) | 33 (28.8 to 35.8) | 167 (129 to 189) | 9.45 (-3.55 to 41.1) | -55.8 (-61 to -42.9) | 6.86 (6.06 to 7.97) | 31.2 (25.7 to 35.3) | 169 (125 to 196) | 31.5 (2.67 to 83.7) | -39.7 (-52.9 to -15.8) |
| Iodine deficiency | | | | | | | | | | |
| Vitamin A deficiency | | | | | | | | | | |
| Dietary iron deficiency | | | | | | | | | | |
| Other nutritional deficiencies | 2.19 (1.88 to 2.71) | 7.82 (6.84 to 9.93) | 29.1 (21.9 to 44.8) | -37.6 (-52.8 to 31.9) | -74.8 (-80.9 to -66.7) | 2.55 (2.02 to 3.28) | 7.43 (5.99 to 9.24) | 27 (19.5 to 39.8) | -22.5 (-63.8 to 11.7) | -64.5 (-83.4 to -43.95) |
| Non-communicable diseases | 3980 (3710 to 4240) | 10660 (10100 to 11000) | 25000 (24300 to 26000) | 99.7 (87.5 to 112) | -19.3 (-24.2 to -14.1) | 2720 (2550 to 2890) | 8450 (8050 to 8840) | 24700 (24000 to 25600) | 79.1 (69.8 to 88.8) | -17.9 (-22.2 to -13.4) |
| Neoplasms | 1090 (1010 to 1170) | 2040 (1820 to 2180) | 3270 (2560 to 3660) | 133 (117 to 150) | -5.74 (-12.4 to 1.1) | 624 (536 to 670) | 1138 (936 to 1240) | 4170 (1580 to 2470) | 110 (94.5 to 124) | -3.7 (-10.8 to 2.8) |
| Lip and oral cavity cancer | 18 (16.2 to 19.9) | 26.4 (23.3 to 29.1) | 43.8 (34.2 to 49.5) | 146 (113 to 183) | -0.46 (-14 to 14.3) | 8.64 (7.75 to 9.56) | 16.6 (13.6 to 18.5) | 35.8 (26.2 to 41.5) | 164 (140 to 190) | 31.2 (9.96 to 32.7) |
| Nasopharynx cancer | 5.68 (5.04 to 6.33) | 5.77 (5.12 to 6.37) | 5.5 (4.26 to 6.3) | 105 (79.4 to 135) | -17 (-27.5 to -5.15) | 2.15 (1.9 to 2.43) | 2.4 (1.99 to 2.73) | 3.1 (2.31 to 3.6) | 48.2 (26.8 to 80.5) | -32 (-41.9 to -17.3) |
| Other pharynx cancer | 11.8 (10.4 to 13.3) | 12.8 (11.2 to 14.4) | 10.9 (8.62 to 12.5) | 204 (157 to 253) | 23 (-22 to 42.5) | 3.18 (2.7 to 3.7) | 3.93 (3.18 to 4.62) | 4.3 (3.22 to 5.05) | 171 (125 to 221) | 24.1 (33.5 to 21) |
| Esophageal cancer | 71 (59.5 to 81.3) | 97.9 (82.5 to 108) | 75.7 (59.4 to 84.3) | 68.9 (96.2 to 169) | -7.62 (-20.7 to 8.77) | 23.7 (19.5 to 27.4) | 38.3 (29.4 to 43.9) | 47.6 (35.6 to 55.2) | 51.7 (31.7 to 78.1) | -30.5 (-39.6 to -18.3) |
| Stomach cancer | 121 (105 to 135) | 204 (181 to 221) | 247 (189 to 277) | 68.9 (50.4 to 89.4) | -31.1 (-39.2 to -23.4) | 94 (48.3 to 60) | 107 (87.5 to 120) | 202 (146 to 233) | 94.5 (21.7 to 48.9) | -38.4 (-44.2 to -31.7) |
| Colon and rectum cancer | 115 (107 to 123) | 246 (219 to 264) | 452 (352 to 506) | 156 (146 to 184) | -7.54 (-0.392 to 14.7) | 74.7 (68.3 to 80.4) | 168 (150 to 201) | 441 (318 to 506) | 108 (92.4 to 121) | -4.66 (-11.8 to 15.1) |
| Liver cancer | 54 (49.4 to 58.8) | 76.9 (67.9 to 83.4) | 78.7 (60.4 to 89) | 122 (95.3 to 155) | -10 (-21 to 3.15) | 24.7 (22.2 to 27.1) | 41.4 (33.5 to 46.1) | 58.9 (42.6 to 68.5) | 84.7 (55.8 to 112) | -15.3 (-28.6 to -2.7) |
| Liver cancer due to hepatitis B | 18.7 (14.8 to 23.1) | 20 (15.1 to 24.8) | 11.9 (7.02 to 17.8) | 68.1 (38.9 to 107) | -32 (-43.8 to -16.4) | 4.63 (3.36 to 6.21) | 5.12 (3.45 to 6.91) | 4.42 (2.34 to 7.44) | 39.1 (9.72 to 68.8) | -36.3 (-49.7 to -22.6) |
| Liver cancer due to hepatitis C | 15.4 (12.3 to 18.4) | 32.4 (27.1 to 38.1) | 47.8 (34.1 to 58.7) | 158 (133 to 188) | -4.23 (-5.78 to 16.5) | 11.9 (9.66 to 13.9) | 25 (19.4 to 29.1) | 91.7 (29.1 to 52.3) | -12.1 (-62.8 to 11.9) | -12.1 (-25.4 to 0.199) |
| Liver cancer due to alcohol use | 14.7 (13.3 to 14.7) | 16.6 (12.5 to 20.7) | 11.7 (6.86 to 17.1) | 169 (142 to 199) | 8.57 (-2.22 to 20.7) | 3.54 (2.53 to 4.89) | 3.92 (2.76 to 5.26) | 101 (1.68 to 4.88) | 101 (71.4 to 127) | -4.7 (-21.4 to 4.2) |
| Liver cancer due to NAFLD | 3.49 (2.8 to 4.74) | 5.7 (4.08 to 7.8) | 5.4 (2.03 to 8.65) | 193 (155 to 236) | 18.5 (3.03 to 36) | 3.12 (2.34 to 4.16) | 5.21 (2.69 to 9.7) | 5.83 (2.29 to 12.2) | 139 (101 to 177) | 9.78 (7.67 to 27.2) |
| Liver cancer due to other causes | 1.7 (1.2 to 2.27) | 3.84 (1.68 to 3.14) | 3.84 (1.14 to 3.08) | 100 (58 to 137) | 18.1 (-31.3 to -4) | 1.02 (1.12 to 2.9) | 2.15 (1.52 to 2.9) | 2.39 (1.43 to 3.75) | 36.3 (36.2 to 45.1) | -24.2 (-37.6 to -10.5) |
| Gallbladder and biliary tract cancer | 15.1 (12.4 to 16.7) | 32 (24.2 to 35.4) | 54.1 (35.5 to 63.8) | 150 (96.9 to 79.8) | 1.13 (-20.4 to 12.9) | 16.4 (13.8 to 19.3) | 32.5 (24.5 to 37.1) | 72.5 (45.1 to 87.6) | 79.8 (49.3 to 104) | -17.6 (-31.6 to -4.27) |
| Pancreatic cancer | 55.1 (51.4 to 58.9) | 91.3 (81.1 to 98.1) | 125 (97 to 142) | 226 (202 to 252) | 31.9 (22.1 to 42.2) | 44.7 (40.5 to 48.1) | 83.5 (68 to 92.6) | 148 (105 to 172) | 188 (166 to 209) | 32.2 (22 to 41.6) |
| Larynx cancer | 17.2 (16 to 18.7) | 22.4 (20 to 24.3) | 25.1 (19.7 to 28.4) | 81 (66.7 to 96.5) | -26.8 (-32.6 to -20.5) | 2.61 (2.38 to 2.88) | 3.34 (2.8 to 3.73) | 3.87 (2.82 to 4.46) | 78 (63.4 to 97.5) | -18.4 (-25.1 to -9.48) |
| Tracheal, bronchus, and lung cancer | 296 (269 to 324) | 434 (385 to 469) | 428 (331 to 482) | 140 (115 to 164) | -3.14 (-13.2 to 6.62) | 115 (104 to 126) | 176 (144 to 196) | 259 (195 to 300) | 199 (173 to 225) | 36.9 (25.1 to 48.9) |
| Malignant skin melanoma | 5.74 (3.24 to 6.78) | 12.7 (6.91 to 14.8) | 29.7 (19 to 36.3) | 190 (56.7 to 233) | 17.4 (-36.7 to 34.5) | 3.47 (2.27 to 4.91) | 8.07 (4.98 to 9.33) | 20.3 (11.5 to 24.7) | 123 (101 to 147) | 2.28 (-1.32 to 13.3) |
| Non-melanoma skin cancer | 6.11 (5.58 to 6.57) | 19.1 (16.7 to 20.5) | 75.1 (58 to 84.4) | 197 (175 to 225) | 20.2 (11.5 to 31.3) | 2.74 (2.45 to 2.96) | 11 (8.77 to 12.2) | 54.9 (39.1 to 63.2) | 170 (141 to 194) | 23.8 (10.6 to 35) |
| Non-melanoma skin cancer (squamous-cell carcinoma) | 6.11 (5.58 to 6.57) | 19.1 (16.7 to 20.5) | 75.1 (58 to 84.4) | 197 (175 to 225) | 20.2 (11.2 to 31.3) | 2.74 (2.41 to 3.06) | 11 (8.77 to 12.2) | 54.9 (39.1 to 63.2) | 170 (141 to 194) | 23.8 (10.6 to 35) |

Supplementary Table 4. Cause-specific mortality rate for 70-79 years, 80-94 years, and 95+ years in 2019, and percentage change from 1990 to 2019 in death number and rate in 70+ years, global, for all GBD causes

| Causes | Males | | | | | Females | | | | |
|--|---------------------------|--------------------------|------------------------|-------------------------------------|-----------------------------|---------------------------|-------------------------|------------------------|-------------------------------------|---------------------------|
| | Deaths per 100,000, 2019 | | | Percentage change in 70+, 1990-2019 | | Deaths per 100,000, 2019 | | | Percentage change in 70+, 1990-2019 | |
| | 70 to 79 | 80 to 94 | 95 plus | Number | Rate | 70 to 79 | 80 to 94 | 95 plus | Number | Rate |
| Chronic kidney disease due to diabetes mellitus type 2 | 38.3 (27.6 to 50.5) | 84.4 (65.4 to 129) | 273 (148 to 428) | 220 (178 to 260) | -29.4 (-12.2 to 45.4) | 31.3 (21.9 to 39.8) | 76.2 (53 to 103) | 231 (125 to 349) | 228 (185 to 260) | -48.3 (-30.9 to 64.9) |
| Chronic kidney disease due to hypertension | 41 (32.3 to 51.4) | 144 (116 to 174) | 582 (419 to 768) | 204 (169 to 233) | 22.7 (8.93 to 34.5) | 30.1 (23.6 to 38.5) | 102 (77.8 to 125) | 418 (279 to 558) | 208 (174 to 236) | 41.2 (25.6 to 54.2) |
| Chronic kidney disease due to glomerulonephritis | 13.6 (7.69 to 20.8) | 33.7 (18.7 to 53.8) | 87.2 (38.6 to 174) | 176 (144 to 208) | 11.7 (-1.46 to 24.6) | 9 (5.16 to 14.1) | 20.5 (11.3 to 32.8) | 54.3 (23.5 to 112) | 178 (150 to 210) | 27.7 (14.4 to 42) |
| Chronic kidney disease due to other and unspecified causes | 22.9 (13.9 to 35.3) | 74.3 (46.6 to 106) | 275 (142 to 426) | 189 (155 to 222) | 16.9 (3.1 to 30.1) | 17.8 (11 to 26.4) | 56 (36.4 to 78.4) | 215 (113 to 325) | 193 (157 to 226) | 34.2 (17.9 to 49.4) |
| Acute glomerulonephritis | 0.88 (0.454 to 1.09) | 2.07 (1.12 to 2.49) | 2.2 (1.64 to 2.66) | 33.9 (-41.6 to 78.9) | -45.9 (-76.4 to -27.7) | 0.644 (0.469 to 0.802) | 1.42 (1.08 to 1.74) | 2.38 (1.75 to 2.9) | 29.4 (8.17 to 64.7) | -40.7 (-57.9 to -24.5) |
| Skin and subcutaneous diseases | 6.97 (4.48 to 10.1) | 22.5 (14.4 to 34.5) | 99.9 (52.8 to 163) | 153 (103 to 207) | 2.16 (-17.8 to 24.2) | 6.65 (5.06 to 8.47) | 25.3 (17.8 to 34.7) | 112 (66.4 to 162) | 162 (132 to 194) | 19.9 (6.27 to 34.6) |
| Dermatitis | | | | | | | | | | |
| Atopic dermatitis | | | | | | | | | | |
| Contact dermatitis | | | | | | | | | | |
| Seborrhoeic dermatitis | | | | | | | | | | |
| Pсориаз | | | | | | | | | | |
| Bacterial skin diseases | 5.13 (3.19 to 7.33) | 14 (7.73 to 22) | 60 (26.3 to 102) | 182 (129 to 268) | 14 (-7.42 to 48.9) | 4.74 (3.66 to 6.2) | 14.4 (9.94 to 20.9) | 58.8 (33.2 to 89) | 232 (180 to 291) | 52.4 (28.2 to 79.3) |
| Cellulitis | 1.23 (0.544 to 2.21) | 3.53 (1.38 to 6.53) | 26.4 (5.16 to 30.5) | 222 (94.7 to 356) | 30 (-21.3 to 84.5) | 1.2 (0.664 to 1.71) | 3.72 (2.02 to 5.84) | 16.2 (7.31 to 27.3) | 242 (166 to 295) | 56.7 (21.9 to 81) |
| Pyoderma | 3.91 (2.25 to 5.38) | 10.5 (5.76 to 15.8) | 43.6 (19.2 to 72.2) | 171 (120 to 269) | 9.58 (-11.2 to 49.1) | 1.54 (2.9 to 4.62) | 10.7 (7.59 to 15) | 42.6 (24.8 to 61.1) | 229 (180 to 299) | 10.9 (28.1 to 82.8) |
| Scabies | | | | | | | | | | |
| Fungal skin diseases | | | | | | | | | | |
| Viral skin diseases | | | | | | | | | | |
| Acne vulgaris | | | | | | | | | | |
| Alopecia areata | | | | | | | | | | |
| Pruritus | | | | | | | | | | |
| Urticaria | | | | | | | | | | |
| Decubitus ulcer | 1.63 (0.949 to 2.68) | 7.61 (4.56 to 12.5) | 36.3 (17.2 to 65.2) | 111 (40.2 to 204) | -14.9 (-43.3 to 23) | 1.68 (1.08 to 2.05) | 9.77 (6.39 to 13) | 49.8 (28.2 to 65.8) | 95.5 (59.3 to 131) | -10.4 (-27 to 5.81) |
| Other skin and subcutaneous diseases | 0.208 (0.135 to 0.323) | 0.918 (0.556 to 1.53) | 3.67 (1.48 to 7.15) | 96.5 (23.7 to 148) | -20.6 (-50 to 0.429) | 0.233 (0.18 to 0.378) | 1.09 (0.731 to 1.89) | 3.85 (1.8 to 6.46) | 105 (46 to 146) | -5.98 (-33.1 to 12.9) |
| Sense organ diseases | | | | | | | | | | |
| Blindness and vision loss | | | | | | | | | | |
| Glaucoma | | | | | | | | | | |
| Cataract | | | | | | | | | | |
| Age-related macular degeneration | | | | | | | | | | |
| Refraction disorders | | | | | | | | | | |
| Near vision loss | | | | | | | | | | |
| Other vision loss | | | | | | | | | | |
| Age-related and other hearing loss | | | | | | | | | | |
| Other sense organ diseases | | | | | | | | | | |
| Musculoskeletal disorders | 6.96 (6.15 to 7.86) | 19.1 (15.6 to 21.4) | 48.4 (33.5 to 57.6) | 162 (137 to 203) | 5.96 (-4.14 to 22.5) | 10.9 (7.76 to 13.4) | 27.8 (18 to 32.8) | 77.1 (41.6 to 99.4) | 158 (109 to 199) | 18.3 (-4.29 to 37.2) |
| Rheumatoid arthritis | 3.31 (2.84 to 3.76) | 7.65 (6.44 to 8.6) | 11.3 (8.22 to 13.9) | 147 (119 to 193) | -0.00665 (-11.5 to 18.4) | 5.79 (3.94 to 7.13) | 12 (7.52 to 14.6) | 17.8 (10.8 to 23.6) | 124 (70.1 to 176) | 2.59 (-22 to 26.5) |
| Osteoarthritis | | | | | | | | | | |
| Osteoarthritis hip | | | | | | | | | | |
| Osteoarthritis knee | | | | | | | | | | |
| Osteoarthritis hand | | | | | | | | | | |
| Osteoarthritis other | | | | | | | | | | |
| Low back pain | | | | | | | | | | |
| Neck pain | | | | | | | | | | |
| Gout | | | | | | | | | | |
| Other musculoskeletal disorders | 3.65 (3.15 to 4.21) | 11.4 (9 to 12.8) | 37.1 (25.1 to 44.5) | 175 (147 to 213) | 11 (-0.0193 to 26.5) | 5.07 (3.51 to 6.41) | 15.8 (9.67 to 19.1) | 59.3 (30.6 to 75.9) | 197 (152 to 247) | 36.1 (15.6 to 58.9) |
| Other non-communicable diseases | 36.6 (30.3 to 39.9) | 120 (95.8 to 132) | 494 (338 to 565) | 178 (149 to 203) | 11.5 (0.8 to 22.5) | 30.9 (26.8 to 33.4) | 105 (82.6 to 117) | 456 (312 to 625) | 389 (149 to 227) | 38.3 (14 to 56.1) |
| Congenital birth defects | | | | | | | | | | |
| Neural tube defects | | | | | | | | | | |
| Congenital heart anomalies | | | | | | | | | | |
| Orofacial clefts | | | | | | | | | | |
| Down syndrome | | | | | | | | | | |
| Turner syndrome | | | | | | | | | | |
| Klinefelter syndrome | | | | | | | | | | |
| Other chromosomal abnormalities | | | | | | | | | | |
| Congenital musculoskeletal and limb anomalies | | | | | | | | | | |
| Urogenital congenital anomalies | | | | | | | | | | |
| Digestive congenital anomalies | | | | | | | | | | |
| Other congenital birth defects | | | | | | | | | | |
| Urinary diseases and male infertility | 23.5 (18.8 to 25.8) | 85.7 (67.1 to 94.4) | 356 (240 to 409) | 172 (138 to 202) | 10.1 (-3.59 to 22.1) | 18.1 (15.1 to 19.8) | 68.5 (52.4 to 76.3) | 317 (216 to 365) | 225 (158 to 254) | 49.2 (18.1 to 62.2) |

Supplementary Table 4. Cause-specific mortality rate for 70-79 years, 80-94 years, and 95+ years in 2019, and percentage change from 1990 to 2019 in death number and rate in 70+ years, global, for all GBD causes

| Causes | Males | | | | | Females | | | | |
|---|------------------------------|----------------------------|---------------------------|-------------------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------------|---------------------------|
| | Deaths per 100,000, 2019 | | | Percentage change in 70+, 1990-2019 | | Deaths per 100,000, 2019 | | | Percentage change in 70+, 1990-2019 | |
| | 70 to 79 | 80 to 94 | 95 plus | Number | Rate | 70 to 79 | 80 to 94 | 95 plus | Number | Rate |
| Other unintentional injuries | 2.29 (1.61 to 2.56) | 3.73 (2.67 to 4.18) | 9.07 (6.74 to 10.8) | 49.2 (13 to 74.8) | -39.7 (-54.3 to -29.3) | 0.903 (0.808 to 1.01) | 2.12 (1.75 to 2.4) | 5.09 (3.79 to 5.87) | 46.6 (27.2 to 68.7) | -33.2 (-41.7 to -22.7) |
| Self-harm and interpersonal violence | 37.6 (32.5 to 41.7) | 57.6 (49 to 64.2) | 70.4 (56.2 to 79.7) | 71 (57.8 to 95.6) | -30.9 (-36.2 to -20.9) | 17.3 (15.6 to 19.1) | 22.6 (18.9 to 25.5) | 18.9 (14.4 to 21.6) | 34.3 (11 to 37.6) | -43 (-49.1 to -36.9) |
| Self-harm | 30.3 (25.3 to 34) | 51 (42.8 to 57.3) | 52.6 (41.4 to 61.3) | 67.6 (52.9 to 93.8) | -32.2 (-38.2 to -21.6) | 13.4 (11.9 to 15.1) | 19.2 (15.7 to 21.9) | 16.1 (12 to 18.6) | 14.4 (0.0522 to 29.2) | -47.5 (-54.1 to -40.8) |
| Self-harm by firearm | 3.16 (2.71 to 3.48) | 5.54 (4.69 to 6.35) | 8.5 (6.73 to 11) | 36.2 (14.5 to 47.9) | -44.9 (-53.7 to -40.2) | 0.239 (0.218 to 0.262) | 0.264 (0.219 to 0.298) | 0.521 (0.381 to 0.616) | 37.3 (26.3 to 46.5) | -37.1 (-42.1 to -32.8) |
| Self-harm by other specified means | 27.2 (21.9 to 30.9) | 45.4 (37.6 to 51.4) | 44.1 (34 to 51.3) | 72.3 (55.5 to 104) | -30.3 (-37.1 to -17.6) | 13.1 (11.6 to 14.9) | 18.9 (15.5 to 21.6) | 15.6 (11.6 to 18.1) | 14.1 (-0.353 to 29) | -47.7 (-54.3 to -40.8) |
| Interpersonal violence | 5.55 (5.17 to 6.06) | 2.95 (2.59 to 3.26) | 11.7 (8.86 to 13.7) | 60.3 (45.1 to 86.9) | -35.2 (-41.3 to -24.4) | 2.46 (2.27 to 2.65) | 1.46 (1.23 to 1.59) | 1.55 (1.17 to 1.78) | 34.7 (25.9 to 45.1) | -38.2 (-42.3 to -33.5) |
| Physical violence by firearm | 1.4 (1.28 to 1.53) | 0.793 (0.678 to 0.89) | 4.32 (3.14 to 5.27) | 85.4 (64.4 to 111) | -25.1 (-33.5 to -14.8) | 0.355 (0.329 to 0.382) | 0.193 (0.16 to 0.213) | 0.298 (0.212 to 0.359) | 55.6 (42.9 to 70) | -28.7 (-34.8 to -22.1) |
| Physical violence by sharp object | 1.29 (1.08 to 1.48) | 0.835 (0.714 to 0.965) | 3.34 (2.52 to 3.93) | 56.7 (36.1 to 86.7) | -36.7 (-45 to -24.5) | 0.625 (0.577 to 0.672) | 0.436 (0.373 to 0.479) | 0.411 (0.312 to 0.483) | 38.8 (24.1 to 51.5) | -36.4 (-43.1 to -30.5) |
| Sexual violence | | | | | | | | | | |
| Physical violence by other means | 2.86 (2.6 to 3.19) | 1.33 (1.15 to 1.51) | 4.03 (3.09 to 4.66) | 51.4 (34.1 to 80.1) | -38.8 (-45.8 to -27.2) | 1.48 (1.35 to 1.61) | 0.828 (0.706 to 0.904) | 0.841 (0.636 to 0.952) | 28.9 (19.3 to 38.9) | -40.9 (-45.3 to -36.3) |
| Conflict and terrorism | 1.61 (1.46 to 1.77) | 3.51 (3.19 to 3.87) | 5.62 (5.2 to 6.18) | 225 (220 to 226) | 31.2 (29.2 to 32) | 1.39 (1.26 to 1.53) | 1.9 (1.73 to 2.09) | 1.15 (1.04 to 1.27) | 344 (339 to 346) | 104 (101 to 104) |
| Executions and police conflict | 0.0776 (0.0612 to 0.0969) | 0.117 (0.0986 to 0.139) | 0.524 (0.356 to 0.828) | 217 (147 to 408) | -77.9 (-0.136 to 105) | 0.045 (0.0398 to 0.0547) | 0.0572 (0.0513 to 0.0655) | 0.0587 (0.0413 to 0.0937) | 347 (239 to 446) | 105 (55.4 to 150) |
| Total cancers | 1080 (1000 to 1170) | 2010 (1800 to 2160) | 3210 (2500 to 3580) | 133 (118 to 150) | -8.88 (-12.7 to 1.14) | 621 (569 to 666) | 1120 (925 to 1230) | 2130 (1540 to 2420) | 110 (94.1 to 124) | -3.89 (-11 to 2.5) |
| Total burden related to hepatitis B | 42.4 (34.4 to 51.1) | 54.9 (44.2 to 66.3) | 65.6 (41.1 to 96.9) | 50.3 (32.1 to 73.1) | -39.2 (-46.6 to -30) | 16.5 (12.6 to 20.5) | 22.8 (17.1 to 28.8) | 29.2 (17.2 to 44.3) | 44.8 (8.1 to 44.3) | -42.8 (-50.4 to -33.9) |
| Total burden related to hepatitis C | 44 (36.9 to 52.1) | 76.3 (63.2 to 90.1) | 137 (93.9 to 180) | 122 (103 to 147) | -10.1 (-18.1 to -0.227) | 27.5 (22.8 to 32.8) | 50 (39.1 to 58.9) | 96.5 (64.3 to 127) | 86.7 (64.8 to 108) | -14.4 (-24.4 to -4.82) |
| Total burden related to Non-alcoholic fatty liver disease (NAFLD) | 13.1 (9.11 to 18.1) | 22.9 (15.8 to 31.6) | 42.4 (20.7 to 73.3) | 139 (114 to 168) | -3.3 (-13.3 to 8.2) | 12.1 (8.49 to 16.5) | 21.5 (14.7 to 29.3) | 36.1 (18.4 to 58.4) | 112 (86.5 to 136) | -2.93 (-14.5 to 8.19) |

Supplementary Table 5. Cause-specific rate of YLDs for 70-79 years, 80-94 years, and 95+ years in 2019, and percentage change from 1990 to 2019 in YLD number and rate in 70+ years, global, for all GBD causes

| Causes | Males | | | | | Females | | | | |
|--|----------------------------|---------------------------|---------------------------|-------------------------------------|---------------------------|----------------------------|----------------------------|---------------------------|-------------------------------------|----------------------------|
| | YLDs per 100,000, 2019 | | | Percentage change in 70+, 1990-2019 | | YLDs per 100,000, 2019 | | | Percentage change in 70+, 1990-2019 | |
| | 70 to 79 | 80 to 94 | 95 plus | Number | Rate | 70 to 79 | 80 to 94 | 95 plus | Number | Rate |
| Non-melanoma skin cancer (basal-cell carcinoma) | 0.839 (0.0857 to 0.333) | 0.288 (0.14 to 0.552) | 0.677 (0.391 to 1.13) | 250 (251 to 341) | 97.5 (41.9 to 78.3) | 0.198 (0.0496 to 0.206) | 0.155 (0.0707 to 0.288) | 0.282 (0.12 to 0.563) | 176 (150 to 208) | 26.4 (14.4 to 41) |
| Breast cancer | 2.89 (2.07 to 3.87) | 3.73 (2.69 to 4.94) | 2.83 (1.96 to 3.82) | 197 (162 to 235) | 20 (5.89 to 35.3) | 1.28 (90.2 to 172) | 1.43 (104 to 191) | 134 (97.1 to 180) | 125 (108 to 144) | 3.33 (4.53 to 11.9) |
| Cervical cancer | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 9.16 (6.51 to 12) | 6.87 (4.63 to 9.14) | 5.06 (3.12 to 6.94) | 86.7 (63.6 to 107) | -14.4 (-25 to -5.03) |
| Uterine cancer | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 23 (16.7 to 30.1) | 15.8 (11.2 to 20.3) | 6.32 (4.02 to 8.71) | 150 (128 to 174) | 14.4 (4.48 to 25.7) |
| Ovarian cancer | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 12.3 (8.84 to 16) | 12.5 (8.62 to 16.6) | 6.49 (3.96 to 8.85) | 117 (90.3 to 143) | -0.401 (-12.7 to 11.3) |
| Prostate cancer | 224 (159 to 315) | 276 (199 to 363) | 189 (135 to 244) | 160 (133 to 220) | 5.28 (5.91 to 29.2) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) |
| Testicular cancer | 0.91 (0.631 to 1.22) | 0.623 (0.419 to 0.855) | 0.535 (0.339 to 0.752) | 244 (197 to 318) | 39.2 (20 to 68.8) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) |
| Kidney cancer | 13.3 (9.74 to 17.1) | 12.5 (8.98 to 16.1) | 7.91 (5.17 to 10.7) | 127 (239 to 313) | 51.7 (36.9 to 67.1) | 6.84 (4.97 to 8.82) | 6.3 (4.38 to 8.27) | 4.43 (2.72 to 6.11) | 175 (150 to 205) | 26 (14.4 to 39.7) |
| Bladder cancer | 41.2 (30.2 to 54) | 60.6 (43.9 to 77.9) | 55.5 (38.3 to 72.7) | 194 (169 to 219) | 18.7 (8.85 to 29.1) | 9.68 (7.02 to 12.8) | 14.7 (10.3 to 19.4) | 16.5 (11 to 22.1) | 134 (113 to 156) | 7.19 (-2.4 to 15.5) |
| Brain and central nervous system cancer | 5.8 (3.2 to 7.87) | 7.06 (3.88 to 9.83) | 2.21 (1.19 to 3.18) | 274 (110 to 359) | 51.3 (-15.1 to 85.5) | 4.81 (2.77 to 6.7) | 6 (3.12 to 8.81) | 2.18 (1.07 to 3.3) | 246 (81.5 to 349) | 58.4 (-16.6 to 106) |
| Thyroid cancer | 3.12 (2.12 to 4.09) | 2.52 (1.67 to 3.3) | 1.52 (1.5 to 3.46) | 291 (236 to 338) | 58 (35.8 to 76.9) | 4.77 (3.41 to 6.29) | 3.12 (2.13 to 4.15) | 3.99 (2.42 to 5.5) | 167 (145 to 195) | 22.4 (10.4 to 35.3) |
| Mesothelioma | 2.15 (1.5 to 2.85) | 2.89 (2.01 to 3.83) | 1.27 (0.81 to 1.73) | 145 (113 to 180) | -0.968 (-13.7 to 13.2) | 0.451 (0.285 to 0.613) | 0.527 (0.314 to 0.733) | 0.319 (0.176 to 0.458) | 74.9 (26.3 to 117) | -19.8 (-42.1 to -0.488) |
| Hodgkin lymphoma | 2.15 (1.43 to 2.86) | 6.08 (3.92 to 8.16) | 3.58 (2.09 to 4.94) | 217 (153 to 291) | 28.2 (32 to 45.2) | 1.25 (0.836 to 1.73) | 3.03 (1.78 to 4.26) | 2.36 (1.14 to 3.67) | 204 (163 to 241) | 39.2 (20.7 to 56.3) |
| Non-Hodgkin lymphoma | 33.7 (23 to 44.8) | 46.4 (30.9 to 63.4) | 29.6 (18.5 to 40.6) | 340 (296 to 397) | 78 (60.1 to 97) | 19.7 (13.5 to 26.9) | 29.4 (19.3 to 41.7) | 23.7 (14.6 to 33.3) | 235 (197 to 273) | 53.4 (8.64 to 71.2) |
| Multiple myeloma | 10.5 (7.23 to 13.9) | 14.2 (9.24 to 18.8) | 6.43 (4.12 to 8.68) | 243 (174 to 289) | 38.7 (12.4 to 57.1) | 7.39 (5.06 to 9.85) | 9.12 (5.76 to 12.4) | 3.63 (1.95 to 5.15) | 169 (121 to 207) | 32.2 (1.53 to 40.8) |
| Leukemia | 24.5 (17.3 to 31.9) | 36.1 (25.6 to 46.7) | 35 (22.3 to 48) | 206 (175 to 244) | 23.8 (11.3 to 39) | 16 (11.5 to 21) | 22.6 (15.5 to 29.7) | 23.6 (14.3 to 32.4) | 162 (136 to 191) | 20.3 (8.07 to 33.4) |
| Acute lymphoid leukemia | 3.52 (2.28 to 4.87) | 2.88 (1.89 to 3.95) | 1.1 (0.646 to 1.58) | 620 (487 to 755) | 191 (137 to 246) | 2.62 (1.66 to 3.66) | 1.96 (1.25 to 2.73) | 0.693 (0.384 to 1) | 482 (370 to 599) | 167 (116 to 220) |
| Chronic lymphoid leukemia | 10.5 (7.36 to 14) | 11.9 (8.18 to 15.7) | 7.83 (4.96 to 10.9) | 214 (174 to 291) | 26.8 (10.7 to 58) | 6.07 (4.31 to 8.06) | 7.34 (5.04 to 9.78) | 5.01 (3.1 to 6.86) | 157 (127 to 199) | 37.3 (3.95 to 37.3) |
| Acute myeloid leukemia | 2.54 (1.69 to 3.47) | 4.7 (2.87 to 6.15) | 16.3 (8.65 to 23.4) | 245 (158 to 311) | 42.9 (29.9 to 56.1) | 1.65 (1.09 to 2.4) | 2.64 (1.65 to 3.63) | 10.7 (5.47 to 15.7) | 198 (125 to 246) | 86.7 (39.9 to 88.8) |
| Chronic myeloid leukemia | 2.1 (1.42 to 2.9) | 4.85 (3.27 to 6.74) | 3.16 (1.9 to 4.49) | 273 (209 to 378) | 50.8 (25 to 93.3) | 1.44 (0.987 to 1.98) | 3.58 (2.43 to 4.91) | 2.77 (1.59 to 3.9) | 277 (210 to 367) | 27.7 (42.1 to 114) |
| Other leukemia | 5.77 (4.04 to 7.55) | 12.1 (8.51 to 15.5) | 6.78 (4.34 to 9.27) | 118 (91.3 to 156) | -11.7 (-22.7 to 3.41) | 4.24 (2.91 to 5.72) | 7.07 (4.8 to 9.38) | 4.47 (2.69 to 6.22) | 87.1 (63.9 to 113) | -14.2 (-24.9 to -4.23) |
| Other malignant neoplasms | 26 (18 to 34.6) | 33.6 (22.8 to 44.5) | 34.1 (21.5 to 45.7) | 296 (237 to 353) | 60.2 (36.3 to 83.2) | 16.8 (12.2 to 22.1) | 22.5 (15.3 to 29.7) | 29 (18 to 39.5) | 228 (186 to 265) | 50.2 (31.2 to 67.1) |
| Other neoplasms | 24.7 (15.3 to 36.8) | 29.3 (18.6 to 43.6) | 23.5 (14.6 to 36.6) | 202 (187 to 222) | 22 (16.1 to 30.2) | 15.7 (9.88 to 23.3) | 17.9 (11.6 to 26.5) | 12.7 (7.92 to 19.8) | 147 (135 to 163) | 17.5 (7.92 to 20.5) |
| Myelodysplastic, myeloproliferative, and other hematopoietic neoplasms | 24.7 (15.3 to 36.8) | 29.3 (18.6 to 43.6) | 23.5 (14.6 to 36.6) | 202 (187 to 222) | 22 (16.1 to 30.2) | 15.7 (9.88 to 23.3) | 17.9 (11.6 to 26.5) | 12.7 (7.92 to 19.8) | 147 (135 to 163) | 17.5 (7.92 to 20.5) |
| Benign and in situ intestinal neoplasms | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) |
| Benign and in situ cervical and uterine neoplasms | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) |
| Other benign and in situ neoplasms | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) |
| Cardiovascular diseases | 2520 (1810 to 3260) | 3490 (2550 to 4540) | 3900 (2790 to 5170) | 140 (135 to 145) | -2.98 (-4.91 to -1.01) | 2640 (1920 to 3370) | 3890 (2900 to 4970) | 4590 (3340 to 5950) | 113 (109 to 117) | -2.3 (-4.25 to -0.353) |
| Rheumatic heart disease | 17.5 (11.7 to 24.4) | 19.9 (13.7 to 27.5) | 31 (20.5 to 43.8) | 139 (127 to 153) | -3.2 (-8.31 to 2.46) | 24.1 (16.2 to 33.5) | 25.6 (17.4 to 35.1) | 28.5 (18.9 to 40) | 94.1 (82.3 to 108) | -1.1 (-16.4 to -4.61) |
| Ischemic heart disease | 554 (375 to 788) | 813 (530 to 1190) | 1060 (589 to 1670) | 125 (117 to 133) | -9.18 (-12.3 to -5.81) | 413 (267 to 588) | 661 (434 to 961) | 886 (493 to 1430) | 105 (97.1 to 115) | -8.1 (-9.65 to -1.53) |
| Stroke | 1100 (780 to 1440) | 1330 (944 to 1770) | 1050 (710 to 1450) | 151 (143 to 159) | 1.48 (-1.96 to 4.88) | 1440 (1020 to 1860) | 1920 (1370 to 2480) | 2970 (1360 to 520) | 115 (108 to 122) | -1.65 (-4.75 to 1.65) |
| Ischemic stroke | 937 (651 to 1260) | 1216 (849 to 1620) | 896 (593 to 1280) | 160 (150 to 170) | 5.12 (1.21 to 23.2) | 1240 (859 to 1620) | 1710 (1220 to 2240) | 1910 (1120 to 3320) | 69 (111 to 127) | 0.241 (-1.33 to 1.405) |
| Intracerebral hemorrhage | 129 (87.5 to 179) | 215 (60.1 to 120) | 21 (49 to 113) | 22 (88.7 to 103) | -21 (-23.7 to -18.1) | 122 (83.8 to 166) | 112 (76.2 to 150) | 128 (79.6 to 190) | 68.5 (62.9 to 74.7) | 22.7 (-25.3 to -19.9) |
| Subarachnoid hemorrhage | 31.5 (19.3 to 45.8) | 39.2 (24.9 to 57) | 74.1 (44.4 to 111) | 140 (129 to 152) | -3.14 (-7.32 to 2.07) | 76.3 (49.1 to 109) | 93.9 (60.8 to 134) | 169 (105 to 248) | 131 (120 to 143) | 5.87 (1.03 to 11.4) |
| Hypertensive heart disease | 163 (86.2 to 277) | 257 (142 to 423) | 331 (141 to 679) | 148 (139 to 164) | 1.14 (-3.28 to 6.77) | 148 (78.4 to 245) | 150 (159 to 449) | 280 (187 to 866) | 439 (415 to 770) | 16.5 (10.6 to 24) |
| Non-rheumatic valvular heart disease | 28.7 (16 to 48.1) | 63.2 (36.6 to 103) | 167 (106 to 234) | 191 (169 to 209) | 17.7 (8.87 to 25.1) | 36.7 (20.6 to 61.3) | 85.4 (49.5 to 138) | 219 (139 to 310) | 132 (115 to 148) | 6.57 (-1.62 to 13.9) |
| Non-rheumatic calcific aortic valve disease | 11.1 (6.14 to 19) | 27.1 (15.2 to 45.3) | 61.2 (35.5 to 92.3) | 498 (448 to 564) | 142 (121 to 168) | 10.3 (5.64 to 17.4) | 27.8 (15.8 to 47.1) | 458 (31.9 to 88.9) | 278 (240 to 329) | 182 (131 to 188) |
| Non-rheumatic degenerative mitral valve disease | 17.4 (9.58 to 29.1) | 35.7 (20.3 to 57.1) | 305 (150 to 450) | 115 (97.4 to 130) | -13 (-20.2 to 7.06) | 26.2 (14.5 to 44.1) | 57 (32.3 to 91.8) | 160 (99.5 to 231) | 85 (70 to 98) | 15.5 (-22.1 to -9.21) |
| Other non-rheumatic valve diseases | 0.192 (0.102 to 0.324) | 0.319 (0.21 to 0.621) | 0.104 (0.047 to 0.204) | 170 (156 to 187) | 9.18 (3.57 to 15.8) | 0.28 (0.148 to 0.472) | 0.592 (0.34 to 0.949) | 0.383 (0.162 to 0.761) | 161 (144 to 179) | 18.8 (11.7 to 28.1) |
| Cardiomyopathy and myocarditis | 40 (22.3 to 66.3) | 77.4 (47.4 to 121) | 155 (74.3 to 293) | 116 (102 to 137) | -12.5 (-18.4 to -4.31) | 26.1 (14.2 to 43.2) | 59.1 (35.5 to 91.9) | 122 (56.6 to 235) | 89.7 (75.4 to 108) | -1.3 (-19.6 to -4.78) |
| Myocarditis | 2.69 (1.55 to 4.24) | 5.36 (3.37 to 8.05) | 11.1 (5.51 to 19.9) | 155 (142 to 172) | 3.23 (-2.27 to 10) | 2.07 (1.18 to 3.35) | 5.79 (3.63 to 8.89) | 13.7 (6.56 to 25.5) | 137 (123 to 155) | 8.5 (1.1 to 17.1) |
| Alcoholic cardiomyopathy | 6.74 (3.8 to 11.3) | 4.2 (2.6 to 6.73) | 4.25 (1.96 to 8.23) | 78.1 (61.8 to 101) | -28 (-34 to -18.8) | 1.87 (1.03 to 3.22) | 1.6 (0.937 to 2.58) | 1.76 (0.764 to 3.48) | 36.8 (24.2 to 54.3) | -37.3 (-43.1 to -31.5) |
| Other cardiomyopathy | 30.6 (16 to 50.9) | 67.9 (41.2 to 106) | 140 (106 to 265) | 121 (106 to 141) | -10.8 (-16.8 to -2.59) | 22.1 (12 to 36.7) | 51.7 (30.9 to 80.4) | 106 (49 to 205) | 89.7 (75.5 to 108) | -1.3 (-19.5 to -4.58) |
| Atrial fibrillation and flutter | 513 (320 to 772) | 794 (504 to 1160) | 933 (615 to 1340) | 139 (134 to 147) | -3.3 (-5.37 to -3.09) | 433 (270 to 641) | 695 (439 to 1020) | 720 (471 to 1040) | 115 (111 to 122) | 1.25 (-3.5 to 1.84) |
| Aortic aneurysm | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) | 0 (0 to 0) |
| Peripheral artery disease | 42 (19.2 to 77) | 65.3 (29.2 to 123) | 106 (41.9 to 224) | 82.6 (77.6 to 88.7) | -26.2 (-28.2 to -23.7) | 72.3 (33.6 to 135) | 111 (50.2 to 210) | 129 (54.9 to 295) | 68.2 (63.3 to 73.9) | -22.9 (-25.2 to -20.3) |
| Endocarditis | 2.48 (1.49 to 3.8) | 7.26 (4.65 to 10.7) | 29 (13.8 to 53.5) | 157 (133 to 186) | 3.71 (-5.94 to 15.8) | 2.58 (1.56 to 4) | 8.7 (5.47 to 12.8) | 33.8 (16.1 to 63.1) | 113 (91.4 to 140) | -2.56 (-12.2 to 5.84) |
| Other cardiovascular and circulatory diseases | 62.9 (36.4 to 96.9) | 62.4 (36.3 to 97.6) | 46.4 (22.7 to 85.1) | 140 (126 to 157) | -3.17 (-8.44 to 3.92) | 50.1 (28.4 to 78.9) | 44 (26.5 to 68.1) | 35.4 (18 to 64.7) | 99.3 (86.4 to 116) | -6.85 (-14.5 to -1.06) |
| Chronic respiratory diseases | 1770 (1410 to 2090) | 2660 (2160 to 3100) | 3970 (3210 to 4620) | 125 (116 to 133) | -9.05 (-12.6 to -5.61) | 1670 (1360 to 1930) | 2440 (1990 to 2820) | 3480 (2810 to 4100) | 107 (107 to 125) | -9.53 (-5.3 to 3) |
| Chronic obstructive pulmonary disease | 1480 (1190 to 1730) | 2350 (1880 to 2750) | 3600 (2910 to 4230) | 145 (139 to 151) | -1.03 (-3.57 to 1.6) | 1410 (1150 to 1650) | 2190 (1760 to 2560) | 3100 (2450 to 3710) | 138 (132 to 144) | 0.99 (-6.41 to 11.7) |
| Pneumoconiosis | 50.3 (34.1 to 71.8) | 48.2 (33.4 to 67) | 22.7 (15.5 to 31.2) | 145 (127 to 163) | 5.84 (8.42 to 6.44) | 3.6 (3.06 to 4.75) | 6.23 (4.18 to 9.64) | 6.52 (4.15 to 9.64) | 111 (93.6 to 126) | 3.4 (-9.63 to 8.53) |
| Silicosis | 42.8 (28.1 to 61.2) | 37.2 (25.6 to 52.6) | 12.7 (8.54 to 17.7) | 154 (131 to 178) | 2.86 (-6.61 to 12.3) | 2.42 (1.45 to 3.79) | 3.12 (1.96 to 4.81) | 2.94 (1.75 to 4.59) | 120 (94.5 to 147) | 0.882 (-10.8 to 13.1) |
| Asbestosis | 1.67 (1.06 to 2.49) | 2.69 (1.74 to 3.92) | | | | | | | | |

Supplementary Table 5. Cause-specific rate of YLDs for 70-79 years, 80-94 years, and 95+ years in 2019, and percentage change from 1990 to 2019 in YLD number and rate in 70+ years, global, for all GBD causes

| Causes | Males | | | | | Females | | | | |
|--|--------------------------|-------------------------------|---|-------------------------------------|----------------------------|-----------------------------|-------------------------------|-----------------------------|-------------------------------------|----------------------------|
| | YLDs per 100,000, 2019 | | | Percentage change in 70+, 1990-2019 | | YLDs per 100,000, 2019 | | | Percentage change in 70+, 1990-2019 | |
| | 70 to 79 | 80 to 94 | 95 plus | Number | Rate | 70 to 79 | 80 to 94 | 95 plus | Number | Rate |
| Digestive diseases | 464 (123 to 629) | 418 (308 to 597) | 421 (297 to 576) | 111 (105 to 117) | -1.7 (-17.1 to -12.2) | 407 (314 to 634) | 421 (293 to 595) | 424 (304 to 594) | 807 (83 to 94.3) | 11.5 (-16.1 to -10.9) |
| Cirrhosis and other chronic liver diseases | 24.5 (15.7 to 35.8) | 20.7 (13.6 to 31.1) | 10.4 (6.31 to 15.8) | 129 (121 to 137) | 7.6 (-10.8 to 4.21) | 18.7 (12.1 to 27.4) | 15 (9.8 to 22.5) | 8.09 (4.98 to 12.1) | 95.5 (88.5 to 103) | -10.4 (-13.6 to -6.98) |
| Cirrhosis and other chronic liver diseases due to hepatitis B | 5.25 (3.06 to 8.14) | 4.34 (2.55 to 6.85) | 1.56 (0.734 to 2.84) | 77.7 (63.7 to 92.4) | -28.2 (-33.8 to -22.2) | 3.33 (1.98 to 5.28) | 2.5 (1.45 to 4.15) | 1.12 (0.518 to 2.1) | 46.7 (33.3 to 59.5) | -32.8 (-38.9 to -26.9) |
| Cirrhosis and other chronic liver diseases due to hepatitis C | 6.67 (4.05 to 10.3) | 5.9 (3.52 to 9.04) | 3.51 (1.89 to 5.58) | 150 (135 to 166) | 0.941 (-4.89 to 7.34) | 4.62 (2.76 to 7.33) | 3.83 (2.24 to 6.06) | 2.35 (1.2 to 3.84) | 112 (98.6 to 125) | -3.01 (-8.95 to 3.08) |
| Cirrhosis and other chronic liver diseases due to alcohol use | 7.57 (4.55 to 11.5) | 5.68 (3.45 to 8.89) | 2.65 (1.27 to 4.82) | 151 (139 to 165) | 1.58 (-3.53 to 7.04) | 3.68 (2.06 to 5.79) | 2.6 (1.47 to 4.13) | 1.33 (0.579 to 2.62) | 117 (103 to 132) | -6.15 (-7.03 to 6.42) |
| Cirrhosis and other chronic liver diseases due to NAFLD | 2.08 (0.939 to 3.75) | 1.88 (0.932 to 3.39) | 1.04 (0.349 to 2.34) | 144 (126 to 164) | -1.37 (-6.56 to 6.87) | 2.62 (1.26 to 4.51) | 2.13 (1.08 to 3.69) | 1.16 (0.408 to 2.5) | 114 (99.9 to 131) | -1.78 (-6.38 to 5.71) |
| Cirrhosis and other chronic liver diseases due to other causes | 2.92 (1.45 to 5.34) | 2.9 (1.42 to 5.1) | 1.67 (0.611 to 3.41) | 138 (120 to 157) | -3.72 (-11.3 to 3.72) | 4.44 (2.37 to 7.7) | 3.92 (1.99 to 6.49) | 2.12 (0.899 to 3.91) | 90 (80 to 117) | -7.3 (-12.9 to -3.723) |
| Upper digestive system diseases | 193 (116 to 309) | 175 (102 to 283) | 122 (81.3 to 240) | 122 (112 to 129) | -10.2 (-14.3 to -7.26) | 149 (132 to 346) | 219 (109 to 292) | 7 (80.8 to 227) | 103 (97 to 108) | -7 (-9.67 to -4.82) |
| Peptic ulcer disease | 16.7 (10.2 to 26.1) | 18.5 (11.8 to 27.1) | 14.6 (8.95 to 22.1) | 48.5 (41.5 to 56.4) | -40 (-42.8 to -36.8) | 16.3 (9.95 to 25.2) | 18.5 (11.9 to 27.3) | 14.8 (9.11 to 23.2) | 53 (47.4 to 58.9) | -29.8 (-32.4 to -27.1) |
| Gastritis and duodenitis | 41.1 (24 to 64.6) | 31.7 (18.3 to 49.6) | 20.2 (12.2 to 32) | 108 (93.3 to 126) | -16.1 (-21.9 to -8.66) | 59.2 (34.1 to 93.6) | 39.4 (23 to 60.5) | 24.4 (14.7 to 37.7) | 99.9 (87.7 to 113) | -8.34 (-14 to -2.41) |
| Gastroesophageal reflux disease | 135 (70.4 to 222) | 125 (62.8 to 220) | 115 (55.7 to 202) | 143 (138 to 148) | -1.95 (-3.62 to 0.802) | 143 (74.2 to 256) | 125 (63.2 to 221) | 103 (50.2 to 181) | 113 (109 to 117) | -2.49 (-4.27 to -0.318) |
| Appendicitis | 0.802 (0.476 to 1.44) | 0.471 (0.181 to 0.67) | 0.404 (0.248 to 0.584) | 250 (218 to 286) | 41.3 (28.7 to 56.1) | 0.758 (0.451 to 1.18) | 0.408 (0.268 to 0.473) | 0.327 (0.203 to 0.473) | 239 (212 to 270) | 55.5 (42.9 to 69.7) |
| Paratyphoid and intestinal obstruction | 5.58 (3.75 to 7.51) | 7.91 (5.48 to 10.5) | 8.96 (6.41 to 11.9) | 187 (169 to 208) | -16.2 (-28.1 to -24.4) | 4.61 (3.12 to 6.17) | 6.64 (4.64 to 8.71) | 7.8 (5.48 to 10.3) | 11 (116 to 148) | 6 (-9.99 to 13.7) |
| Inguinal, femoral, and abdominal hernia | 91.5 (59.7 to 134) | 56 (38.5 to 77.8) | 30.7 (21.3 to 42.1) | 89.6 (79.7 to 99.9) | -23.4 (-29.2 to -19.2) | 16.6 (10.7 to 24.1) | 10.4 (7.11 to 14.5) | 5.88 (4 to 8.32) | 50.9 (41.9 to 60.5) | 38.8 (-34.9 to 26.4) |
| Inflammatory bowel disease | 18.2 (12 to 25.6) | 14.2 (9.42 to 20.1) | 13.2 (8.61 to 19.5) | 77.4 (69.5 to 85.6) | -28.3 (-31.5 to -25) | 17.1 (11.4 to 23.8) | 12.8 (8.37 to 18) | 10.9 (7.17 to 16.2) | 43.7 (37.1 to 50.7) | -34.1 (-37.1 to -30.9) |
| Vascular intestinal disorders | 3.78 (2.54 to 5.24) | 5.73 (3.86 to 7.64) | 4.69 (3.06 to 6.5) | 119 (105 to 134) | -11.4 (-17 to -5.4) | 3.76 (2.47 to 5.17) | 6.26 (4.31 to 8.29) | 5.01 (3.28 to 6.83) | 86.3 (74.5 to 99.4) | -14.6 (-20 to -8.6) |
| Gallbladder and biliary diseases | 104 (61.6 to 161) | 125 (79.9 to 196) | 160 (100 to 248) | 103 (94.1 to 115) | -17.7 (-21.5 to -13.2) | 156 (92.4 to 241) | 156 (99.9 to 241) | 198 (122 to 307) | 76.7 (69.6 to 84.1) | -19 (-22.2 to -15.6) |
| Pancreatitis | 7.91 (4.36 to 12.8) | 7.82 (4.5 to 12.2) | 7.16 (4.23 to 11.4) | 160 (145 to 175) | 5.27 (-0.871 to 11.1) | 7.6 (4.19 to 12.1) | 8.35 (4.85 to 13) | 8.1 (4.87 to 12.8) | 110 (100 to 125) | -12.7 (-8.2 to -10.9) |
| Other digestive diseases | 14.6 (10.2 to 19.6) | 22.5 (15.4 to 30.6) | 36.1 (25.4 to 50.6) | 136 (130 to 142) | -7.9 (-13.7 to -2.17) | 14 (9.67 to 19.6) | 22.1 (15.2 to 34.5) | 38 (25.8 to 54.5) | 110 (108 to 120) | -1.87 (-4.61 to 0.955) |
| Neurological disorders | 1180 (796 to 1610) | 2890 (1990 to 3910) | 6370 (4340 to 8550) | 177 (177 to 195) | 51.6 (11.9 to 19.4) | 1460 (966 to 2130) | 3700 (2570 to 5030) | 8020 (5610 to 10600) | 148 (141 to 155) | 155 (103 to 16.8) |
| Alzheimer's disease and other dementias | 545 (363 to 773) | 2220 (1490 to 3080) | 5790 (3920 to 7910) | 200 (191 to 208) | 21.2 (-17.7 to 24.6) | 701 (479 to 995) | 3030 (2070 to 4150) | 7490 (5140 to 10100) | 161 (155 to 168) | 19.9 (-16.8 to 23) |
| Parkinson's disease | 156 (106 to 214) | 257 (178 to 343) | 217 (139 to 324) | 199 (188 to 211) | 20.7 (-16.4 to 25.7) | 106 (71.5 to 146) | 171 (119 to 228) | 148 (94.7 to 216) | 185 (128 to 144) | 8.05 (-4.65 to 11.9) |
| Idiopathic epilepsy | 138 (82.7 to 210) | 177 (104 to 273) | 221 (123 to 358) | 168 (119 to 230) | 8.34 (-11.5 to 33.2) | 126 (75.8 to 192) | 148 (86.9 to 232) | 172 (94.6 to 283) | 138 (97.3 to 187) | 9.09 (-9.57 to 31.6) |
| Multiple sclerosis | 7.46 (5.3 to 9.78) | 6.81 (4.84 to 8.98) | 6.36 (4.39 to 8.51) | 141 (127 to 157) | -2.62 (-4.8 to 3.95) | 14.8 (10.7 to 19.1) | 13.6 (9.85 to 17.7) | 14.5 (10.4 to 18.9) | 97.4 (85.9 to 110) | -9.2 (-14.8 to -3.64) |
| Motor neuron disease | 2.88 (1.87 to 4.11) | 3.15 (2.08 to 4.45) | 2.79 (1.61 to 4.45) | 185 (173 to 197) | 15.1 (10.3 to 20.2) | 2.17 (1.42 to 3.1) | 2.25 (1.47 to 3.22) | 2.03 (1.27 to 3.17) | 132 (123 to 142) | 4.24 (-1.84 to 11.1) |
| Headache disorders | 305 (108 to 611) | 215 (70.6 to 426) | 113 (28.2 to 290) | 345 (137 to 513) | -0.76 (-4.16 to 2.11) | 483 (148 to 1000) | 523 (102 to 682) | 166 (38.4 to 368) | 113 (99.7 to 121) | -2.33 (-8.44 to 14.2) |
| Migraine | 243 (76 to 527) | 167 (50.2 to 359) | 80.9 (19.2 to 182) | 147 (137 to 154) | -0.309 (-4.03 to 2.49) | 408 (107 to 904) | 270 (71.2 to 595) | 129 (24.8 to 302) | 115 (99.1 to 123) | -1.56 (-6.74 to 2.24) |
| Tension-type headache | 59.2 (4.9 to 206) | 42.7 (8.7 to 161) | 32.6 (2.85 to 187) | 141 (129 to 150) | -2.55 (-7.54 to 1.12) | 75.3 (20.5 to 254) | 53 (14 to 188) | 36.1 (3.77 to 176) | 104 (92.1 to 114) | -6.26 (-11.9 to -1.91) |
| Other neurological disorders | 24.8 (17 to 33.6) | 23.5 (16.1 to 31.7) | 21.9 (15 to 29.5) | 195 (186 to 206) | 19.4 (-15.7 to 23.8) | 27.2 (19.2 to 37.2) | 17.5 (19 to 37.7) | 27 (18.7 to 36.1) | 152 (146 to 159) | 15.4 (12.9 to 18.6) |
| Mental disorders | 1540 (1150 to 1980) | 1330 (964 to 1720) | 1080 (744 to 1480) | 149 (146 to 152) | 0.593 (-0.468 to 1.69) | 1940 (1430 to 2510) | 1660 (1220 to 2140) | 1390 (932 to 1910) | 115 (112 to 118) | -1.4 (-2.62 to -0.0042) |
| Schizophrenia | 145 (105 to 187) | 72.5 (51.6 to 95.3) | 24.3 (14.7 to 35.1) | 152 (146 to 159) | 1.89 (-0.69 to 4.68) | 183 (102 to 183) | 76.9 (55.4 to 99.7) | 32.2 (20.7 to 44.6) | 116 (110 to 121) | -1.03 (-3.54 to 1.34) |
| Depressive disorders | 710 (484 to 966) | 662 (449 to 918) | 599 (357 to 905) | 153 (148 to 157) | 2.13 (0.345 to 3.94) | 1020 (895 to 1400) | 827 (610 to 1240) | 817 (496 to 1500) | 112 (115 to 123) | -0.32 (-1.54 to 0.35) |
| Major depressive disorder | 502 (381 to 812) | 550 (362 to 784) | 508 (286 to 801) | 153 (148 to 159) | 2.47 (0.404 to 4.59) | 848 (570 to 1200) | 789 (515 to 1100) | 733 (423 to 1140) | 117 (113 to 123) | -0.381 (-2.57 to 2.01) |
| Dysthymia | 138 (86.5 to 211) | 103 (61.7 to 159) | 91.1 (51 to 151) | 149 (140 to 158) | 0.664 (-2.99 to 4.29) | 176 (112 to 267) | 120 (73.1 to 183) | 94.4 (52.8 to 157) | 127 (119 to 136) | 4.19 (-0.893 to 0.08) |
| Bipolar disorder | 100 (60.1 to 157) | 67.8 (40.2 to 104) | 42.3 (24.4 to 67.6) | 133 (128 to 138) | -5.86 (-7.95 to -3.71) | 103 (62.8 to 159) | 68.1 (40.9 to 104) | 45.9 (27 to 73.4) | 96.3 (91.7 to 101) | -10 (-12.1 to -7.73) |
| Anxiety disorders | 291 (191 to 419) | 236 (150 to 341) | 122 (70.8 to 189) | 148 (143 to 154) | 0.384 (-1.65 to 2.69) | 474 (314 to 687) | 415 (273 to 600) | 285 (175 to 417) | 111 (106 to 116) | -3.35 (-5.5 to -1.06) |
| Eating disorders | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Anorexia nervosa | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bulimia nervosa | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Autism spectrum disorders | 66 (44.5 to 94.1) | 63.5 (43.5 to 90.3) | 62.8 (42.9 to 88.6) | 147 (143 to 151) | -0.142 (-1.7 to 1.34) | 18.3 (12.2 to 26.2) | 17 (11.5 to 24.5) | 16.2 (11 to 23.3) | 115 (110 to 121) | -1.24 (-3.62 to 1.14) |
| Attention-deficit/hyperactivity disorder | 0.531 (0.163 to 1.28) | 0.0172 (0.00181 to 0.0616) | 0.0000000043 (0.00000000000077 to 0.0000137) | 130 | -6.86 (-19.6 to 5.95) | 0.253 (0.00634 to 0.656) | 0.0119 (0.00103 to 0.0461) | 0.0000000053 (0.0000238) | 96.2 (64 to 131) | -10 (-24.8 to 0.81) |
| Conduct disorder | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idiopathic developmental intellectual disability | 19 (9.41 to 31.7) | 11.2 (5.39 to 19.2) | 3.78 (1.51 to 7.37) | 106 (93 to 121) | -16.8 (-22 to -10.5) | 20.3 (11.1 to 32.2) | 13.9 (7.98 to 21.6) | 6.44 (3.52 to 10.1) | 85.2 (75.5 to 99.6) | -15.1 (-19.6 to -11.2) |
| Other mental disorders | 211 (140 to 307) | 212 (143 to 302) | 229 (153 to 322) | 147 (144 to 150) | -0.00705 (-1.17 to 1.1) | 159 (102 to 222) | 158 (108 to 227) | 176 (117 to 249) | 120 (117 to 123) | 0.741 (-0.721 to 2.27) |
| Substance use disorders | 266 (181 to 390) | 208 (150 to 282) | 288 (174 to 377) | 170 (161 to 180) | 9.15 (5.69 to 13.4) | 125 (87.5 to 172) | 138 (98.3 to 181) | 219 (144 to 311) | 157 (146 to 169) | 17.7 (12.6 to 23.2) |
| Alcohol use disorders | 191 (128 to 277) | 142 (98.3 to 205) | 192 (122 to 299) | 151 (144 to 158) | 1.36 (-1.46 to 4.47) | 176 (133.8 to 217) | 59.2 (39.2 to 86.3) | 117 (71.2 to 188) | 129 (122 to 138) | 5.21 (1.96 to 9.16) |
| Drug use disorders | 64.9 (42.4 to 94.6) | 64.9 (42.6 to 88.8) | 65.4 (41.5 to 98.3) | 241 (221 to 262) | 37.9 (29.6 to 46.2) | 73.3 (46.9 to 106) | 77.3 (51.5 to 108) | 98.5 (61.6 to 150) | 28.9 (16.3 to 20.3) | 28.9 (20.7 to 38.8) |
| Opioid use disorders | 55.4 (34.2 to 81.8) | 56.6 (35.9 to 79.8) | 54.1 (32.3 to 86.3) | 265 (242 to 293) | 47.7 (38.4 to 58.8) | 66.5 (41.1 to 98.3) | 71.1 (45.4 to 101) | 88.8 (53.9 to 138) | 192 (172 to 218) | 34 (24 to 46) |
| Cocaine use disorders | 3.75 (2.27 to 5.63) | 3.34 (2.41 to 5.07) | 4.15 (2.41 to 6.42) | 147 (126 to 173) | -0.33 (-0.63 to 0.84) | 2.46 (1.44 to 3.74) | 2.42 (1.4 to 3.73) | 3.07 (1.72 to 4.66) | 95.4 (81 to 112) | -10.4 (-17 to -2.74) |
| Amphetamine use disorders | 1.6 (0.846 to 2.57) | 1.15 (0.573 to 2.08) | 2.26 (0.56 to 4) | 144 (135 to 156) | -1.39 (-5.11 to 3.37) | 1.15 (0.573 to 1.95) | 1.03 (0.551 to 1.86) | 2.46 (1.14 to 4.65) | 113 (105 to 121) | -2.14 (-5.03 to 0.33) |
| Cannabis use disorders | 1.23 (0.66 to 2.07) | 0.624 (0.309 to 1.1) | 0.284 (0.139 to 0.59) | 147 (134 to 161) | 15.82 (-5.57 to 5.51) | 0.608 (0.309 to 1.06) | 1.265 (0.116 to 0.51) | 0.115 (0.0432 to 0.242) | 106 (95.2 to 117) | -6.65 (-10.5 to -0.4) |
| Other drug use disorders | 3.71 (2.38 to 5.34) | 3.16 (2.06 to 4.54) | 4.56 (2.86 to 6.74) | 148 (133 to 167) | 0.442 (-5.91 to 8.06) | 2.61 (1.64 to 3.82) | 2.52 (1.64 to 3.63) | 4.07 (2.47 to 6.07) | 105 (92.9 to 118) | 6.08 (-11.5 to 11.64) |
| Diabetes and kidney diseases | 2640 (1880 to 3550) | 2880 (2090 to 3810) | 3050 (2190 to 4060) | 250 (244 to 257) | 41.4 (38.9 to 44.3) | 2410 (1680 to 3250) | 254 | | | |

Supplementary Table 5. Cause-specific rate of YLDs for 70-79 years, 80-94 years, and 95+ years in 2019, and percentage change from 1990 to 2019 in YLD number and rate in 70+ years, global, for all GBD causes

| Causes | Males | | | | | Females | | | | |
|---|---------------------------|---------------------------|--------------------------|-------------------------------------|---------------------------|--------------------------|---------------------------|--------------------------|-------------------------------------|----------------------------|
| | YLDs per 100,000, 2019 | | | Percentage change in 70+, 1990-2019 | | YLDs per 100,000, 2019 | | | Percentage change in 70+, 1990-2019 | |
| | 70 to 79 | 80 to 94 | 95 plus | Number | Rate | 70 to 79 | 80 to 94 | 95 plus | Number | Rate |
| Other unintentional injuries | 99.9 (67 to 145) | 123 (82.1 to 177) | 105 (132 to 267) | 88.9 (87.2 to 90.8) | -21.6 (-24.3 to -22.9) | 96.6 (64.8 to 138) | 126 (85.8 to 177) | 106 (137 to 271) | 74.4 (71.3 to 76.5) | -20 (-21.5 to -19.1) |
| Self-harm and interpersonal violence | 134 (98.5 to 177) | 127 (93.3 to 167) | 148 (109 to 197) | 118 (109 to 126) | -12.1 (-15.5 to -8.53) | 88.7 (68.6 to 112) | 81.3 (62.2 to 103) | 64.7 (47.5 to 86.1) | 82.4 (75.8 to 89.6) | -16.4 (-19.4 to -13.1) |
| Self-harm | 18 (12.8 to 24.3) | 18.7 (13.2 to 25.3) | 19.1 (13.3 to 26.2) | 104 (99.7 to 108) | -17.6 (-19.3 to -15.8) | 24.1 (17.3 to 31.8) | 23.2 (16.6 to 31.1) | 20.9 (14.7 to 28.8) | 60.1 (56.8 to 63.5) | -26.6 (-28.1 to -25.1) |
| Self-harm by firearm | 2.65 (1.9 to 3.61) | 2.96 (2.06 to 4.12) | 2.67 (1.77 to 3.81) | 105 (99.7 to 109) | -17 (-19.3 to -15.3) | 2.36 (1.72 to 3.16) | 2.22 (1.59 to 3.03) | 1.3 (0.88 to 1.83) | 111 (104 to 116) | -3.41 (-6.33 to -0.954) |
| Self-harm by other specified means | 15.4 (10.7 to 20.7) | 15.7 (10.9 to 21.4) | 16.4 (11.3 to 22.8) | 104 (99.1 to 108) | -17.7 (-19.5 to -15.8) | 21.7 (15.3 to 28.8) | 21 (14.9 to 28.2) | 19.6 (13.8 to 27) | 56.1 (53 to 59.2) | -28.4 (-29.9 to -27) |
| Interpersonal violence | 92.2 (67.8 to 124) | 85.1 (61.9 to 117) | 103 (72.9 to 143) | 115 (112 to 119) | -12.9 (-14.3 to -11.5) | 52.3 (40.1 to 66.8) | 46.7 (35.4 to 60.3) | 35.3 (25.4 to 49.2) | 94.8 (89.2 to 102) | -10.7 (-12.2 to -7.41) |
| Physical violence by firearm | 5.16 (3.61 to 7.22) | 5.11 (3.5 to 7.23) | 9.72 (6.56 to 13.7) | 195 (190 to 201) | 19.4 (17.3 to 21.7) | 1.68 (1.18 to 2.25) | 1.74 (1.23 to 2.42) | 2.38 (1.59 to 3.4) | 141 (137 to 145) | -0.5 (8.64 to -12.5) |
| Physical violence by sharp object | 13.9 (9.65 to 19.7) | 14.2 (9.7 to 20.3) | 24.4 (16.5 to 34.9) | 86.3 (82 to 90.2) | -24.7 (-26.4 to -23.1) | 4.66 (3.26 to 6.45) | 5.05 (3.48 to 7.05) | 6.1 (4.13 to 8.69) | 57.1 (53.4 to 60.8) | -28 (-29.7 to -26.3) |
| Sexual violence | 7.64 (4.87 to 11.3) | 5.46 (3.5 to 8.12) | 0.272 (0.148 to 0.47) | 161 (159 to 165) | 5.63 (4.51 to 6.94) | 16 (10.3 to 23.6) | 11.3 (7.36 to 16.6) | 0.753 (0.419 to 1.29) | 147 (144 to 150) | 13.1 (11.9 to 14.4) |
| Physical violence by other means | 65.4 (45.6 to 90.5) | 60.3 (41.8 to 84.1) | 68.7 (48.3 to 96.5) | 114 (111 to 117) | -13.5 (-14.9 to -12.1) | 29.9 (21.3 to 40.7) | 28.6 (20.1 to 39.3) | 26.1 (18.4 to 36.2) | 81.5 (78 to 85) | -16.8 (-18.4 to -15.2) |
| Conflict and terrorism | 23.8 (15 to 39.7) | 23.1 (15.5 to 34.7) | 25.2 (17.3 to 35.2) | 135 (91.7 to 189) | -9.91 (-22.5 to 16.9) | 12.1 (7.45 to 20.4) | 11.1 (7.07 to 16.8) | 8.15 (5.35 to 11.9) | 81.5 (50.1 to 120) | -16.8 (-31.2 to 1.01) |
| Executions and police conflict | 0.448 (0.258 to 0.803) | 0.493 (0.314 to 0.785) | 0.642 (0.4 to 1) | 720 (526 to 994) | 231 (153 to 342) | 0.221 (0.136 to 0.36) | 0.293 (0.181 to 0.455) | 0.288 (0.176 to 0.46) | 388 (221 to 593) | 124 (47.2 to 218) |
| Total cancers | 721 (520 to 913) | 921 (681 to 1170) | 723 (521 to 913) | 391 (268 to 216) | 17.5 (8.4 to 27.8) | 425 (318 to 546) | 529 (377 to 665) | 518 (373 to 658) | 141 (124 to 158) | -0.5 (2.55 to 18.2) |
| Total burden related to hepatitis B | 11.8 (7.97 to 16.8) | 10 (6.81 to 14.6) | 3.86 (2.32 to 5.97) | 96.5 (72.4 to 125) | -20.6 (-30.3 to 9.16) | 5.76 (3.73 to 8.45) | 4.53 (2.92 to 6.73) | 2.27 (1.28 to 3.64) | 57.6 (39.2 to 80) | -27.8 (-36.2 to -17.5) |
| Total burden related to hepatitis C | 10.7 (7.13 to 15.2) | 13.5 (9.39 to 18.3) | 9.3 (6.2 to 13.1) | 176 (159 to 198) | 11.8 (4.7 to 20.6) | 7.62 (5.1 to 11) | 9.13 (6.2 to 12.8) | 7.57 (5.12 to 10.6) | 118 (102 to 135) | -0.0976 (-7.59 to 7.95) |
| Total burden related to Non-alcoholic fatty liver disease (NAFLD) | 2.91 (1.65 to 4.68) | 3.1 (1.8 to 4.9) | 1.7 (0.862 to 3.18) | 168 (148 to 195) | 8.36 (0.441 to 19.1) | 3.34 (1.84 to 5.33) | 3.2 (1.85 to 5.09) | 1.88 (0.96 to 3.43) | 126 (110 to 144) | 3.69 (-3.6 to 12) |

Supplementary Table 6: Life expectancy, Health-adjusted life expectancy, and proportion of years spent in ill health in all reporting locations, in 1990, 2005, 2019

| location | LE-70 | | | HALE-70 | | | PYIH-70 | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 |
| Global | 11.8 (11.7 to 12) | 12.8 (12.7 to 12.9) | 14.1 (13.9 to 14.4) | 8.48 (7.57 to 9.29) | 9.18 (8.24 to 10) | 10.1 (9.01 to 11) | 0.28 (0.22 to 0.35) | 0.28 (0.22 to 0.35) | 0.29 (0.23 to 0.35) |
| Low SDI | 9.53 (9.34 to 9.74) | 10.3 (10.1 to 10.5) | 11.5 (11.2 to 11.8) | 6.79 (6.07 to 7.48) | 7.32 (6.55 to 8.07) | 8.2 (7.31 to 9.04) | 0.29 (0.23 to 0.35) | 0.29 (0.23 to 0.35) | 0.29 (0.24 to 0.35) |
| Low-middle SDI | 10 (9.88 to 10.2) | 11.1 (10.9 to 11.2) | 12.3 (11.9 to 12.7) | 7.09 (6.33 to 7.81) | 7.8 (6.94 to 8.57) | 8.62 (7.66 to 9.55) | 0.29 (0.24 to 0.36) | 0.3 (0.24 to 0.36) | 0.3 (0.25 to 0.36) |
| Middle SDI | 11.2 (10.9 to 11.5) | 11.9 (11.7 to 12.1) | 13.3 (12.8 to 13.7) | 8.06 (7.19 to 8.83) | 8.59 (7.72 to 9.39) | 9.49 (8.54 to 10.4) | 0.28 (0.23 to 0.34) | 0.28 (0.22 to 0.34) | 0.28 (0.24 to 0.34) |
| High-middle SDI | 11.8 (11.7 to 12) | 12.6 (12.5 to 12.7) | 14.5 (14.1 to 14.8) | 8.55 (7.66 to 9.35) | 9.14 (8.21 to 9.97) | 10.4 (9.38 to 11.4) | 0.28 (0.22 to 0.34) | 0.28 (0.22 to 0.34) | 0.28 (0.23 to 0.34) |
| High SDI | 13.8 (13.7 to 13.8) | 15.5 (15.5 to 15.5) | 16.7 (16.6 to 16.8) | 9.81 (8.76 to 10.8) | 11.1 (9.87 to 12.1) | 11.8 (10.5 to 13) | 0.29 (0.22 to 0.36) | 0.29 (0.22 to 0.36) | 0.29 (0.23 to 0.37) |
| Central Europe, Eastern Europe, and Central Asia | 11.6 (11.6 to 11.6) | 11.4 (11.4 to 11.4) | 13.2 (12.8 to 13.6) | 8.43 (7.55 to 9.22) | 8.34 (7.48 to 9.1) | 9.62 (8.59 to 10.5) | 0.27 (0.21 to 0.35) | 0.27 (0.2 to 0.34) | 0.27 (0.23 to 0.33) |
| Central Asia | 12.1 (12 to 12.2) | 9.84 (9.76 to 9.93) | 11 (10.6 to 11.4) | 9.1 (8.27 to 9.86) | 7.46 (6.8 to 8.07) | 8.26 (7.49 to 9.04) | 0.25 (0.19 to 0.31) | 0.24 (0.19 to 0.3) | 0.25 (0.21 to 0.29) |
| <i>Armenia</i> | 12 (11.9 to 12.1) | 11.9 (11.8 to 12) | 12.9 (12.1 to 13.8) | 8.92 (8.1 to 9.68) | 8.85 (8.02 to 9.6) | 9.61 (8.58 to 10.6) | 0.26 (0.2 to 0.32) | 0.25 (0.2 to 0.32) | 0.26 (0.23 to 0.29) |
| <i>Azerbaijan</i> | 12.5 (12.1 to 12.8) | 9.89 (9.65 to 10.1) | 10.4 (9.83 to 10.9) | 9.47 (8.63 to 10.3) | 7.54 (6.85 to 8.17) | 7.89 (7.07 to 8.66) | 0.24 (0.2 to 0.29) | 0.24 (0.19 to 0.29) | 0.24 (0.21 to 0.28) |
| <i>Georgia</i> | 11.1 (10.8 to 11.5) | 11.4 (11.1 to 11.7) | 12.4 (11.5 to 13.3) | 8.47 (7.68 to 9.18) | 8.62 (7.83 to 9.37) | 9.18 (8.17 to 10.2) | 0.24 (0.2 to 0.29) | 0.25 (0.2 to 0.29) | 0.26 (0.23 to 0.29) |
| <i>Kazakhstan</i> | 11.8 (11.7 to 12) | 10.4 (10.3 to 10.5) | 11.9 (11.3 to 12.5) | 8.75 (7.88 to 9.53) | 7.73 (6.97 to 8.42) | 8.77 (7.86 to 9.72) | 0.26 (0.21 to 0.33) | 0.26 (0.2 to 0.32) | 0.26 (0.22 to 0.3) |
| <i>Kyrgyzstan</i> | 12.7 (12.5 to 12.9) | 10.9 (10.9 to 11) | 12.9 (12.3 to 13.5) | 9.48 (8.57 to 10.3) | 8.31 (7.58 to 8.96) | 9.79 (8.85 to 10.7) | 0.25 (0.2 to 0.31) | 0.24 (0.18 to 0.3) | 0.24 (0.2 to 0.28) |
| <i>Mongolia</i> | 9.85 (9.19 to 10.6) | 9.28 (8.72 to 9.93) | 10.8 (9.74 to 11.9) | 7.48 (6.66 to 8.29) | 7.08 (6.32 to 7.87) | 8.28 (7.19 to 9.38) | 0.24 (0.22 to 0.28) | 0.24 (0.21 to 0.27) | 0.24 (0.21 to 0.26) |
| <i>Tajikistan</i> | 13.2 (12.9 to 13.6) | 9.96 (9.64 to 10.3) | 9.61 (8.7 to 10.5) | 10 (9.11 to 10.9) | 7.65 (6.95 to 8.33) | 7.36 (6.44 to 8.3) | 0.24 (0.2 to 0.29) | 0.23 (0.19 to 0.28) | 0.23 (0.21 to 0.26) |
| <i>Turkmenistan</i> | 11.7 (11.6 to 11.8) | 10.8 (10.7 to 10.8) | 12.4 (11.2 to 13.7) | 8.87 (8.07 to 9.57) | 8.22 (7.5 to 8.87) | 9.48 (8.25 to 10.7) | 0.24 (0.19 to 0.3) | 0.24 (0.18 to 0.3) | 0.24 (0.22 to 0.26) |
| <i>Uzbekistan</i> | 12.7 (12.7 to 12.8) | 7.75 (7.61 to 7.9) | 8.73 (8.18 to 9.33) | 9.71 (8.84 to 10.5) | 5.98 (5.47 to 6.44) | 6.69 (5.98 to 7.39) | 0.24 (0.18 to 0.3) | 0.23 (0.18 to 0.28) | 0.23 (0.21 to 0.27) |
| Central Europe | 11.3 (11.2 to 11.3) | 12.4 (12.4 to 12.4) | 13.9 (13.2 to 14.6) | 8.15 (7.3 to 8.9) | 9.03 (8.1 to 9.85) | 10.1 (8.97 to 11.2) | 0.28 (0.21 to 0.35) | 0.27 (0.21 to 0.34) | 0.27 (0.23 to 0.32) |
| <i>Albania</i> | 12.1 (12 to 12.2) | 13.2 (13.1 to 13.3) | 14.2 (12.7 to 15.8) | 9.11 (8.28 to 9.85) | 9.96 (9.06 to 10.8) | 10.7 (9.3 to 12.2) | 0.25 (0.19 to 0.31) | 0.25 (0.19 to 0.31) | 0.25 (0.23 to 0.27) |
| <i>Bosnia and Herzegovina</i> | 11.9 (11.8 to 12.1) | 11.9 (11.8 to 12) | 12.8 (11.7 to 14.1) | 8.77 (7.91 to 9.54) | 8.69 (7.81 to 9.49) | 9.28 (8.06 to 10.5) | 0.27 (0.21 to 0.33) | 0.27 (0.21 to 0.34) | 0.28 (0.25 to 0.31) |
| <i>Bulgaria</i> | 10.3 (10.2 to 10.5) | 10.7 (10.6 to 10.9) | 11.9 (10.9 to 13) | 7.67 (6.93 to 8.35) | 7.99 (7.23 to 8.69) | 8.86 (7.75 to 10) | 0.26 (0.2 to 0.32) | 0.26 (0.2 to 0.32) | 0.26 (0.23 to 0.29) |
| <i>Croatia</i> | 11.3 (11 to 11.5) | 12.5 (12.4 to 12.6) | 14.2 (13 to 15.4) | 8.07 (7.2 to 8.87) | 8.96 (7.99 to 9.85) | 10 (8.71 to 11.4) | 0.28 (0.23 to 0.35) | 0.28 (0.22 to 0.36) | 0.29 (0.26 to 0.33) |
| <i>Czechia</i> | 10.8 (10.8 to 10.9) | 13.1 (13 to 13.2) | 14.8 (13.8 to 15.9) | 7.69 (6.83 to 8.46) | 9.28 (8.23 to 10.2) | 10.4 (9.09 to 11.8) | 0.29 (0.22 to 0.37) | 0.29 (0.22 to 0.37) | 0.3 (0.26 to 0.34) |
| <i>Hungary</i> | 11.1 (11 to 11.1) | 12.5 (12.4 to 12.5) | 13.9 (12.9 to 15) | 7.81 (6.94 to 8.6) | 8.87 (7.9 to 9.76) | 9.98 (8.74 to 11.2) | 0.29 (0.22 to 0.37) | 0.29 (0.22 to 0.36) | 0.28 (0.25 to 0.32) |
| <i>Montenegro</i> | 13.2 (12.9 to 13.4) | 12.1 (11.9 to 12.3) | 12.5 (11.7 to 13.3) | 9.73 (8.77 to 10.7) | 8.97 (8.08 to 9.77) | 9.16 (8.08 to 10.2) | 0.26 (0.21 to 0.32) | 0.26 (0.21 to 0.32) | 0.27 (0.23 to 0.31) |
| <i>North Macedonia</i> | 10.6 (10.4 to 10.7) | 10.2 (10 to 10.3) | 10.9 (9.99 to 11.9) | 7.78 (7 to 8.5) | 7.44 (6.68 to 8.13) | 7.99 (6.96 to 9.05) | 0.27 (0.21 to 0.33) | 0.27 (0.21 to 0.33) | 0.27 (0.24 to 0.3) |
| <i>Poland</i> | 11.7 (11.6 to 11.7) | 13.5 (13.4 to 13.5) | 14.9 (14 to 15.9) | 8.4 (7.5 to 9.21) | 9.78 (8.75 to 10.7) | 10.9 (9.54 to 12.1) | 0.28 (0.21 to 0.36) | 0.27 (0.21 to 0.35) | 0.27 (0.24 to 0.32) |
| <i>Romania</i> | 11.1 (11.1 to 11.2) | 11.9 (11.9 to 12) | 13.4 (12.5 to 14.5) | 8.2 (7.4 to 8.92) | 8.89 (8.06 to 9.65) | 9.97 (8.78 to 11.1) | 0.26 (0.2 to 0.33) | 0.25 (0.19 to 0.32) | 0.26 (0.23 to 0.3) |
| <i>Serbia</i> | 10.9 (10.8 to 10.9) | 10.7 (10.6 to 10.7) | 12.2 (11.2 to 13.1) | 7.98 (7.22 to 8.68) | 7.86 (7.09 to 8.55) | 8.85 (7.75 to 9.96) | 0.26 (0.2 to 0.33) | 0.26 (0.2 to 0.33) | 0.27 (0.24 to 0.31) |
| <i>Slovakia</i> | 11.4 (11.3 to 11.5) | 12.6 (12.5 to 12.7) | 14.1 (12.9 to 15.4) | 8.33 (7.49 to 9.09) | 9.2 (8.24 to 10) | 10.3 (8.92 to 11.6) | 0.27 (0.21 to 0.34) | 0.27 (0.21 to 0.34) | 0.27 (0.24 to 0.31) |
| <i>Slovenia</i> | 12.4 (11 to 13.8) | 14.5 (14.4 to 14.7) | 16.3 (14.7 to 17.7) | 8.8 (7.53 to 10.2) | 10.3 (9.07 to 11.3) | 11.6 (9.95 to 13.2) | 0.29 (0.26 to 0.32) | 0.29 (0.23 to 0.37) | 0.29 (0.25 to 0.33) |
| Eastern Europe | 11.8 (11.7 to 11.8) | 11.1 (11.1 to 11.1) | 13.3 (12.8 to 13.9) | 8.49 (7.59 to 9.29) | 8.09 (7.24 to 8.83) | 9.73 (8.62 to 10.7) | 0.28 (0.21 to 0.35) | 0.27 (0.21 to 0.35) | 0.27 (0.22 to 0.33) |
| <i>Belarus</i> | 12.4 (12.3 to 12.4) | 11.5 (11.5 to 11.6) | 13 (11.7 to 14.3) | 9.07 (8.15 to 9.89) | 8.47 (7.63 to 9.21) | 9.63 (8.27 to 11) | 0.27 (0.2 to 0.34) | 0.26 (0.2 to 0.33) | 0.26 (0.23 to 0.29) |
| <i>Estonia</i> | 11.5 (11.4 to 11.7) | 13 (12.9 to 13.2) | 15 (13.8 to 16.4) | 8.5 (7.67 to 9.24) | 9.63 (8.65 to 10.5) | 11.1 (9.73 to 12.5) | 0.26 (0.21 to 0.33) | 0.26 (0.21 to 0.33) | 0.26 (0.23 to 0.3) |
| <i>Latvia</i> | 11.8 (11.7 to 11.9) | 12.4 (12.3 to 12.5) | 14.2 (13.2 to 15.1) | 8.55 (7.65 to 9.36) | 9.07 (8.12 to 9.9) | 10.4 (9.17 to 11.6) | 0.27 (0.21 to 0.35) | 0.27 (0.21 to 0.34) | 0.27 (0.23 to 0.3) |
| <i>Lithuania</i> | 12.5 (12.4 to 12.6) | 12.9 (12.8 to 13) | 14.5 (13.6 to 15.6) | 9.12 (8.16 to 9.97) | 9.33 (8.38 to 10.2) | 10.7 (9.38 to 11.9) | 0.27 (0.21 to 0.34) | 0.28 (0.21 to 0.34) | 0.27 (0.24 to 0.31) |
| <i>Republic of Moldova</i> | 11.1 (11 to 11.1) | 11.2 (11.1 to 11.3) | 13.7 (13 to 14.4) | 8.13 (7.32 to 8.87) | 8.29 (7.49 to 9.01) | 10.2 (9.07 to 11.3) | 0.26 (0.2 to 0.33) | 0.26 (0.2 to 0.33) | 0.26 (0.22 to 0.3) |
| <i>Russian Federation</i> | 11.7 (11.7 to 11.7) | 11 (11 to 11) | 13.3 (12.6 to 14.1) | 8.44 (7.54 to 9.24) | 7.99 (7.13 to 8.73) | 9.69 (8.48 to 10.7) | 0.28 (0.21 to 0.36) | 0.28 (0.21 to 0.35) | 0.27 (0.24 to 0.33) |
| <i>Ukraine</i> | 11.7 (11.7 to 11.7) | 11 (11 to 11) | 13.1 (12.4 to 13.8) | 8.49 (7.61 to 9.27) | 8.12 (7.31 to 8.84) | 9.67 (8.64 to 10.7) | 0.28 (0.21 to 0.35) | 0.26 (0.2 to 0.33) | 0.26 (0.22 to 0.3) |

Supplementary Table 6: Life expectancy, Health-adjusted life expectancy, and proportion of years spent in ill health in all reporting locations, in 1990, 2005, 2019

| location | LE-70 | | | HALE-70 | | | PYIH-70 | | |
|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 |
| High-income | 13.8 (13.8 to 13.8) | 15.6 (15.6 to 15.6) | 16.7 (16.7 to 16.7) | 9.87 (8.82 to 10.8) | 11.1 (9.92 to 12.2) | 11.8 (10.6 to 13) | 0.29 (0.22 to 0.36) | 0.29 (0.22 to 0.36) | 0.29 (0.22 to 0.37) |
| Australasia | 13.8 (13.7 to 13.8) | 16.1 (16 to 16.1) | 17.1 (17 to 17.2) | 9.8 (8.74 to 10.8) | 11.3 (10.1 to 12.5) | 12 (10.6 to 13.2) | 0.29 (0.22 to 0.36) | 0.3 (0.23 to 0.37) | 0.3 (0.23 to 0.37) |
| Australia | 13.8 (13.8 to 13.9) | 16.2 (16.1 to 16.2) | 17.2 (17.1 to 17.3) | 9.86 (8.79 to 10.8) | 11.4 (10.1 to 12.5) | 12.1 (10.7 to 13.3) | 0.29 (0.22 to 0.36) | 0.3 (0.23 to 0.37) | 0.3 (0.23 to 0.37) |
| New Zealand | 13.4 (13.4 to 13.5) | 15.4 (15.4 to 15.5) | 16.5 (16.4 to 16.7) | 9.53 (8.49 to 10.5) | 11 (9.84 to 12.1) | 11.7 (10.4 to 12.9) | 0.29 (0.22 to 0.36) | 0.29 (0.22 to 0.36) | 0.29 (0.23 to 0.37) |
| High-income Asia Pacific | 14.4 (14.4 to 14.4) | 16.9 (16.9 to 16.9) | 18.3 (18.3 to 18.4) | 10.6 (9.53 to 11.5) | 12.4 (11.2 to 13.5) | 13.5 (12.2 to 14.7) | 0.27 (0.2 to 0.34) | 0.27 (0.2 to 0.34) | 0.26 (0.2 to 0.33) |
| Brunei Darussalam | 8.98 (8.66 to 9.35) | 10.3 (9.94 to 10.7) | 11.4 (10.8 to 11.8) | 6.34 (5.65 to 7.03) | 7.32 (6.47 to 8.13) | 8.14 (7.25 to 9) | 0.29 (0.25 to 0.35) | 0.29 (0.24 to 0.35) | 0.28 (0.24 to 0.33) |
| Japan | 14.9 (14.9 to 14.9) | 17.3 (17.2 to 17.3) | 18.6 (18.5 to 18.7) | 10.9 (9.84 to 11.9) | 12.7 (11.4 to 13.8) | 13.7 (12.4 to 14.9) | 0.27 (0.2 to 0.34) | 0.27 (0.2 to 0.34) | 0.26 (0.2 to 0.33) |
| Republic of Korea | 11.7 (11.7 to 11.7) | 14.6 (14.6 to 14.6) | 17 (16.7 to 17.2) | 8.5 (7.66 to 9.29) | 10.7 (9.6 to 11.6) | 12.4 (11.2 to 13.5) | 0.27 (0.21 to 0.34) | 0.27 (0.21 to 0.34) | 0.27 (0.21 to 0.33) |
| Singapore | 12.9 (12.8 to 12.9) | 16.1 (16 to 16.1) | 18.2 (18.1 to 18.4) | 9.46 (8.55 to 10.3) | 11.9 (10.8 to 12.9) | 13.7 (12.4 to 14.8) | 0.26 (0.2 to 0.33) | 0.26 (0.2 to 0.32) | 0.25 (0.19 to 0.31) |
| High-income North America | 14.3 (14.3 to 14.3) | 15.2 (15.2 to 15.2) | 16 (16 to 16.1) | 9.72 (8.55 to 10.8) | 10.3 (9.05 to 11.4) | 10.5 (9.18 to 11.8) | 0.32 (0.24 to 0.4) | 0.32 (0.25 to 0.4) | 0.34 (0.27 to 0.43) |
| Canada | 14.3 (14.3 to 14.3) | 15.9 (15.9 to 16) | 17.1 (17 to 17.2) | 10.3 (9.24 to 11.3) | 11.5 (10.3 to 12.5) | 12.1 (10.9 to 13.3) | 0.28 (0.21 to 0.35) | 0.28 (0.21 to 0.35) | 0.29 (0.23 to 0.36) |
| Greenland | 10.3 (9.89 to 10.7) | 11.8 (11.3 to 12.1) | 13 (12.2 to 14) | 7.1 (6.3 to 7.9) | 8.21 (7.26 to 9.03) | 8.99 (7.85 to 10.2) | 0.31 (0.26 to 0.36) | 0.3 (0.25 to 0.36) | 0.31 (0.27 to 0.36) |
| United States of America | 14.3 (14.3 to 14.3) | 15.1 (15.1 to 15.1) | 15.9 (15.9 to 16) | 9.66 (8.48 to 10.7) | 10.1 (8.89 to 11.3) | 10.4 (9 to 11.6) | 0.32 (0.25 to 0.4) | 0.33 (0.26 to 0.41) | 0.35 (0.27 to 0.43) |
| Southern Latin America | 12.8 (12.8 to 12.8) | 14 (13.9 to 14) | 14.6 (14.5 to 14.8) | 9.56 (8.65 to 10.4) | 10.4 (9.37 to 11.3) | 10.8 (9.73 to 11.8) | 0.25 (0.19 to 0.32) | 0.26 (0.19 to 0.33) | 0.26 (0.2 to 0.33) |
| Argentina | 12.8 (12.7 to 12.8) | 13.8 (13.7 to 13.8) | 14.1 (14 to 14.2) | 9.56 (8.66 to 10.4) | 10.3 (9.27 to 11.1) | 10.5 (9.48 to 11.4) | 0.25 (0.19 to 0.32) | 0.26 (0.19 to 0.33) | 0.26 (0.2 to 0.32) |
| Chile | 12.8 (12.8 to 12.8) | 14.6 (14.6 to 14.7) | 15.9 (15.8 to 16.1) | 9.45 (8.53 to 10.3) | 10.7 (9.61 to 11.7) | 11.5 (10.3 to 12.6) | 0.26 (0.2 to 0.33) | 0.27 (0.2 to 0.34) | 0.28 (0.22 to 0.34) |
| Uruguay | 13 (12.9 to 13) | 13.8 (13.7 to 13.9) | 14.8 (14.6 to 15) | 9.7 (8.81 to 10.5) | 10.3 (9.35 to 11.2) | 10.9 (9.85 to 11.9) | 0.25 (0.19 to 0.32) | 0.25 (0.19 to 0.32) | 0.26 (0.21 to 0.33) |
| Western Europe | 13.5 (13.4 to 13.5) | 15.4 (15.4 to 15.4) | 16.5 (16.5 to 16.6) | 9.81 (8.82 to 10.7) | 11.2 (10 to 12.2) | 12 (10.8 to 13.1) | 0.27 (0.21 to 0.34) | 0.27 (0.21 to 0.35) | 0.28 (0.21 to 0.35) |
| Andorra | 14.8 (13.2 to 16.1) | 16.5 (15.1 to 17.4) | 16.7 (15.4 to 18.2) | 10.9 (9.4 to 12.4) | 12 (10.5 to 13.3) | 12.2 (10.6 to 13.7) | 0.26 (0.23 to 0.29) | 0.27 (0.24 to 0.3) | 0.27 (0.25 to 0.31) |
| Austria | 13.2 (13.2 to 13.3) | 15.2 (15.1 to 15.2) | 16.6 (16.5 to 16.7) | 9.64 (8.66 to 10.5) | 10.9 (9.77 to 11.9) | 12 (10.7 to 13.1) | 0.27 (0.21 to 0.34) | 0.28 (0.22 to 0.35) | 0.28 (0.22 to 0.35) |
| Belgium | 13.2 (13.2 to 13.3) | 15 (15 to 15.1) | 16.2 (16.1 to 16.4) | 9.65 (8.67 to 10.5) | 10.8 (9.64 to 11.8) | 11.6 (10.4 to 12.8) | 0.27 (0.21 to 0.34) | 0.28 (0.22 to 0.36) | 0.28 (0.22 to 0.36) |
| Cyprus | 11.3 (11.2 to 11.4) | 13 (12.9 to 13.2) | 14.8 (14.4 to 15.3) | 8.37 (7.54 to 9.11) | 9.46 (8.49 to 10.3) | 10.8 (9.67 to 11.8) | 0.26 (0.2 to 0.33) | 0.27 (0.21 to 0.34) | 0.27 (0.23 to 0.33) |
| Denmark | 13 (13 to 13.1) | 14.2 (14.2 to 14.3) | 15.8 (15.7 to 16) | 9.5 (8.54 to 10.4) | 10.4 (9.41 to 11.4) | 11.6 (10.5 to 12.6) | 0.27 (0.21 to 0.34) | 0.27 (0.21 to 0.34) | 0.27 (0.21 to 0.33) |
| Finland | 13.1 (13 to 13.2) | 15.4 (15.3 to 15.5) | 16.6 (16.4 to 16.8) | 9.51 (8.51 to 10.4) | 11 (9.78 to 12.1) | 12 (10.7 to 13.1) | 0.27 (0.21 to 0.35) | 0.29 (0.22 to 0.36) | 0.28 (0.22 to 0.35) |
| France | 14.4 (14.4 to 14.5) | 16.3 (16.3 to 16.3) | 17.7 (17.6 to 17.8) | 10.6 (9.56 to 11.6) | 12.1 (10.9 to 13.1) | 13.1 (11.8 to 14.2) | 0.26 (0.2 to 0.34) | 0.26 (0.2 to 0.33) | 0.26 (0.2 to 0.33) |
| Germany | 13 (13 to 13) | 15.1 (15.1 to 15.1) | 15.9 (15.8 to 16) | 9.5 (8.57 to 10.3) | 11 (9.89 to 12) | 11.5 (10.3 to 12.6) | 0.27 (0.2 to 0.34) | 0.27 (0.21 to 0.34) | 0.28 (0.21 to 0.35) |
| Greece | 13.3 (13.3 to 13.4) | 14.5 (14.5 to 14.6) | 15.8 (15.7 to 16) | 9.82 (8.9 to 10.7) | 10.6 (9.61 to 11.6) | 11.6 (10.6 to 12.7) | 0.26 (0.2 to 0.33) | 0.27 (0.21 to 0.34) | 0.26 (0.21 to 0.33) |
| Iceland | 14.3 (14.1 to 14.5) | 16 (15.6 to 16.3) | 17.9 (17.4 to 18.4) | 10.5 (9.46 to 11.4) | 11.5 (10.4 to 12.7) | 13 (11.7 to 14.3) | 0.27 (0.21 to 0.33) | 0.28 (0.22 to 0.34) | 0.27 (0.23 to 0.33) |
| Ireland | 12 (11.9 to 12.1) | 14.4 (14.3 to 14.5) | 16.1 (15.9 to 16.3) | 8.87 (8.01 to 9.63) | 10.5 (9.48 to 11.5) | 11.7 (10.6 to 12.8) | 0.26 (0.2 to 0.33) | 0.27 (0.21 to 0.34) | 0.27 (0.22 to 0.33) |
| Israel | 13.6 (13.6 to 13.7) | 15.2 (15.2 to 15.3) | 16.9 (16.7 to 17) | 10.2 (9.22 to 11) | 11.2 (10.1 to 12.2) | 12.5 (11.3 to 13.5) | 0.25 (0.19 to 0.32) | 0.27 (0.2 to 0.33) | 0.26 (0.2 to 0.32) |
| Italy | 13.8 (13.8 to 13.8) | 15.7 (15.7 to 15.7) | 16.9 (16.9 to 17) | 9.81 (8.72 to 10.8) | 11.2 (9.95 to 12.3) | 12.1 (10.8 to 13.3) | 0.29 (0.22 to 0.37) | 0.29 (0.22 to 0.37) | 0.28 (0.22 to 0.36) |
| Luxembourg | 12.9 (12.7 to 13) | 14.9 (14.7 to 15.2) | 17.1 (16.4 to 17.7) | 9.43 (8.49 to 10.3) | 10.8 (9.67 to 11.8) | 12.2 (10.8 to 13.5) | 0.27 (0.21 to 0.33) | 0.28 (0.22 to 0.34) | 0.29 (0.24 to 0.34) |
| Malta | 12.8 (12.6 to 12.9) | 14.8 (14.6 to 15) | 16.8 (16.3 to 17.4) | 9.4 (8.48 to 10.2) | 10.8 (9.75 to 11.8) | 12.3 (11 to 13.5) | 0.26 (0.21 to 0.33) | 0.27 (0.21 to 0.33) | 0.27 (0.23 to 0.33) |
| Monaco | 14.3 (13.5 to 15.7) | 14.8 (14.1 to 16.2) | 15.5 (14.8 to 16.6) | 10.7 (9.47 to 12.1) | 11 (9.7 to 12.3) | 11.4 (10.1 to 12.7) | 0.26 (0.23 to 0.3) | 0.26 (0.24 to 0.31) | 0.27 (0.24 to 0.32) |
| Netherlands | 13.5 (13.5 to 13.6) | 14.7 (14.7 to 14.8) | 16 (15.8 to 16.1) | 9.98 (9.05 to 10.9) | 10.8 (9.82 to 11.8) | 11.5 (10.4 to 12.6) | 0.26 (0.2 to 0.33) | 0.26 (0.2 to 0.33) | 0.28 (0.22 to 0.34) |
| Norway | 13.6 (13.5 to 13.6) | 15.3 (15.3 to 15.4) | 16.7 (16.6 to 16.8) | 9.7 (8.62 to 10.6) | 10.9 (9.74 to 12) | 11.8 (10.5 to 12.9) | 0.29 (0.22 to 0.36) | 0.29 (0.22 to 0.36) | 0.3 (0.23 to 0.37) |
| Portugal | 12.4 (12.4 to 12.4) | 14.7 (14.6 to 14.7) | 16.3 (16.2 to 16.5) | 8.99 (8.09 to 9.83) | 10.6 (9.51 to 11.6) | 11.9 (10.7 to 13) | 0.27 (0.21 to 0.34) | 0.28 (0.21 to 0.35) | 0.27 (0.21 to 0.34) |
| San Marino | 15.1 (14.3 to 15.9) | 16.1 (14.6 to 17.5) | 16.6 (14.6 to 18.9) | 11.1 (9.97 to 12.3) | 11.9 (10.3 to 13.4) | 12.2 (10.3 to 14.3) | 0.26 (0.23 to 0.3) | 0.26 (0.23 to 0.3) | 0.26 (0.24 to 0.29) |
| Spain | 13.9 (13.9 to 13.9) | 15.7 (15.7 to 15.7) | 17.2 (17 to 17.3) | 10.1 (9.1 to 11) | 11.4 (10.3 to 12.5) | 12.5 (11.2 to 13.6) | 0.27 (0.21 to 0.34) | 0.27 (0.21 to 0.34) | 0.27 (0.21 to 0.34) |

Supplementary Table 6: Life expectancy, Health-adjusted life expectancy, and proportion of years spent in ill health in all reporting locations, in 1990, 2005, 2019

| location | LE-70 | | | HALE-70 | | | PYIH-70 | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 |
| <i>Sweden</i> | 14 (14 to 14.1) | 15.6 (15.5 to 15.6) | 16.7 (16.6 to 16.8) | 10.3 (9.28 to 11.2) | 11.3 (10.2 to 12.3) | 12.1 (10.9 to 13.2) | 0.26 (0.2 to 0.34) | 0.27 (0.21 to 0.35) | 0.27 (0.21 to 0.35) |
| <i>Switzerland</i> | 14.4 (14.4 to 14.5) | 16.4 (16.3 to 16.4) | 17.6 (17.5 to 17.8) | 10.4 (9.32 to 11.4) | 11.9 (10.6 to 13) | 12.8 (11.4 to 14) | 0.28 (0.21 to 0.35) | 0.28 (0.21 to 0.35) | 0.27 (0.21 to 0.35) |
| <i>United Kingdom</i> | 13 (12.9 to 13) | 14.8 (14.8 to 14.8) | 15.8 (15.7 to 15.9) | 9.48 (8.53 to 10.3) | 10.7 (9.62 to 11.7) | 11.3 (10.1 to 12.4) | 0.27 (0.2 to 0.34) | 0.28 (0.21 to 0.35) | 0.28 (0.22 to 0.36) |
| Latin America and Caribbean | 13.1 (13 to 13.1) | 14.6 (14.5 to 14.6) | 15.2 (14.7 to 15.7) | 9.44 (8.45 to 10.3) | 10.6 (9.51 to 11.6) | 11 (9.91 to 12.1) | 0.28 (0.21 to 0.35) | 0.27 (0.21 to 0.34) | 0.27 (0.23 to 0.33) |
| Andean Latin America | 13.5 (13.1 to 13.9) | 14.8 (14.4 to 15.2) | 15.4 (14.4 to 16.5) | 10.1 (9.05 to 11) | 11 (9.89 to 12) | 11.4 (10.1 to 12.7) | 0.25 (0.21 to 0.31) | 0.26 (0.21 to 0.31) | 0.26 (0.23 to 0.3) |
| <i>Bolivia (Plurinational State of)</i> | 10.8 (10.3 to 11.2) | 11.9 (11.4 to 12.2) | 11.8 (11.1 to 12.6) | 7.94 (7.11 to 8.74) | 8.79 (7.84 to 9.62) | 8.74 (7.7 to 9.83) | 0.26 (0.22 to 0.31) | 0.26 (0.21 to 0.31) | 0.26 (0.22 to 0.31) |
| <i>Ecuador</i> | 13.8 (13.7 to 14) | 14.4 (14 to 14.8) | 14.6 (13.4 to 15.8) | 10.4 (9.39 to 11.2) | 10.7 (9.59 to 11.6) | 10.8 (9.37 to 12.2) | 0.25 (0.2 to 0.32) | 0.26 (0.21 to 0.31) | 0.26 (0.23 to 0.3) |
| <i>Peru</i> | 14.2 (13.5 to 15) | 16.1 (15.3 to 16.9) | 17.1 (15.4 to 18.8) | 10.6 (9.49 to 11.8) | 12 (10.7 to 13.2) | 12.7 (11 to 14.4) | 0.25 (0.21 to 0.3) | 0.25 (0.22 to 0.3) | 0.26 (0.23 to 0.29) |
| Caribbean | 13.2 (13.1 to 13.3) | 14.1 (13.9 to 14.3) | 14.6 (13.8 to 15.4) | 9.89 (8.95 to 10.7) | 10.5 (9.48 to 11.4) | 10.7 (9.54 to 11.8) | 0.25 (0.19 to 0.32) | 0.26 (0.2 to 0.32) | 0.26 (0.23 to 0.31) |
| <i>Antigua and Barbuda</i> | 13.2 (12.9 to 13.5) | 13.7 (13.5 to 14) | 13.5 (12.9 to 14.1) | 10 (9.08 to 10.8) | 10.3 (9.25 to 11.2) | 10 (8.93 to 11.1) | 0.24 (0.2 to 0.3) | 0.25 (0.2 to 0.31) | 0.26 (0.22 to 0.31) |
| <i>Bahamas</i> | 13.1 (12.8 to 13.5) | 14.2 (13.9 to 14.6) | 14.3 (13.2 to 15.4) | 9.97 (9.07 to 10.9) | 10.7 (9.66 to 11.7) | 10.7 (9.39 to 12) | 0.24 (0.2 to 0.29) | 0.25 (0.2 to 0.3) | 0.25 (0.22 to 0.29) |
| <i>Barbados</i> | 13.2 (13 to 13.4) | 13.6 (13.4 to 13.8) | 13.8 (13 to 14.7) | 10 (9.12 to 10.8) | 10.2 (9.25 to 11.1) | 10.3 (9.16 to 11.5) | 0.24 (0.19 to 0.3) | 0.25 (0.19 to 0.31) | 0.25 (0.22 to 0.29) |
| <i>Belize</i> | 13.9 (13.6 to 14.2) | 13.9 (13.7 to 14.1) | 14.9 (14.2 to 15.7) | 10.6 (9.6 to 11.5) | 10.5 (9.47 to 11.3) | 11.2 (10 to 12.4) | 0.24 (0.19 to 0.29) | 0.25 (0.19 to 0.31) | 0.25 (0.21 to 0.29) |
| <i>Bermuda</i> | 12.1 (11.9 to 12.3) | 15.2 (14.5 to 15.9) | 16.5 (15.4 to 17.3) | 9.23 (8.41 to 9.96) | 11.5 (10.3 to 12.6) | 12.3 (11 to 13.6) | 0.24 (0.19 to 0.29) | 0.25 (0.21 to 0.29) | 0.25 (0.21 to 0.29) |
| <i>Cuba</i> | 13.7 (13.6 to 13.7) | 14.6 (14.5 to 14.7) | 15.1 (14 to 16.3) | 10.2 (9.18 to 11) | 10.8 (9.71 to 11.7) | 11 (9.62 to 12.4) | 0.26 (0.2 to 0.33) | 0.26 (0.2 to 0.33) | 0.27 (0.24 to 0.31) |
| <i>Dominica</i> | 11.8 (11.5 to 12.2) | 12.5 (12 to 13.1) | 12.4 (11.5 to 13.1) | 8.89 (8.05 to 9.67) | 9.31 (8.36 to 10.2) | 9.16 (8.06 to 10.3) | 0.24 (0.2 to 0.3) | 0.26 (0.22 to 0.3) | 0.26 (0.22 to 0.3) |
| <i>Dominican Republic</i> | 15.1 (14.5 to 15.7) | 14.6 (13.9 to 15.4) | 14 (12.8 to 15.1) | 11.5 (10.4 to 12.5) | 11.1 (9.99 to 12.1) | 10.6 (9.32 to 11.9) | 0.24 (0.2 to 0.28) | 0.24 (0.21 to 0.28) | 0.24 (0.21 to 0.27) |
| <i>Grenada</i> | 11.3 (11 to 11.7) | 11.5 (11.3 to 11.7) | 12.4 (12.1 to 12.8) | 8.55 (7.69 to 9.36) | 8.57 (7.73 to 9.33) | 9.16 (8.21 to 10) | 0.25 (0.2 to 0.3) | 0.25 (0.2 to 0.31) | 0.26 (0.22 to 0.32) |
| <i>Guyana</i> | 9.39 (8.88 to 10) | 10.9 (10.4 to 11.4) | 11.4 (10.3 to 12.7) | 6.93 (6.15 to 7.67) | 8 (7.06 to 8.84) | 8.37 (7.19 to 9.64) | 0.26 (0.23 to 0.31) | 0.26 (0.23 to 0.32) | 0.27 (0.24 to 0.3) |
| <i>Haiti</i> | 9.48 (9.23 to 9.87) | 10.4 (9.85 to 11) | 10.9 (9.65 to 12.1) | 7.12 (6.41 to 7.79) | 7.76 (6.92 to 8.59) | 8.11 (6.86 to 9.29) | 0.25 (0.21 to 0.31) | 0.25 (0.22 to 0.3) | 0.26 (0.23 to 0.29) |
| <i>Jamaica</i> | 14.4 (14.2 to 14.5) | 15.7 (15.3 to 16) | 14.6 (13.3 to 16) | 10.9 (9.94 to 11.8) | 11.7 (10.5 to 12.7) | 10.8 (9.48 to 12.3) | 0.24 (0.19 to 0.3) | 0.25 (0.2 to 0.31) | 0.26 (0.23 to 0.29) |
| <i>Puerto Rico</i> | 14 (13.9 to 14.1) | 15.8 (15.7 to 16) | 17.4 (15.9 to 18.9) | 10.4 (9.44 to 11.4) | 11.6 (10.5 to 12.7) | 12.7 (11.1 to 14.4) | 0.25 (0.19 to 0.32) | 0.27 (0.2 to 0.33) | 0.27 (0.24 to 0.3) |
| <i>Saint Kitts and Nevis</i> | 9.52 (9.25 to 9.8) | 11.8 (11.5 to 12.1) | 12 (11.4 to 12.4) | 7.12 (6.43 to 7.78) | 8.71 (7.81 to 9.54) | 8.84 (7.84 to 9.73) | 0.25 (0.21 to 0.3) | 0.26 (0.21 to 0.32) | 0.27 (0.21 to 0.31) |
| <i>Saint Lucia</i> | 11.4 (11.2 to 11.7) | 13.6 (13.4 to 13.8) | 14 (13.2 to 14.8) | 8.44 (7.59 to 9.24) | 9.99 (8.98 to 10.9) | 10.2 (8.96 to 11.3) | 0.26 (0.21 to 0.32) | 0.27 (0.21 to 0.33) | 0.27 (0.23 to 0.32) |
| <i>Saint Vincent and the Grenadines</i> | 11.6 (11.4 to 11.9) | 13.5 (13.3 to 13.7) | 12.6 (12.1 to 13.2) | 8.74 (7.93 to 9.51) | 10.1 (9.07 to 10.9) | 9.35 (8.3 to 10.3) | 0.25 (0.2 to 0.31) | 0.26 (0.2 to 0.32) | 0.26 (0.22 to 0.31) |
| <i>Suriname</i> | 12.9 (12.7 to 13.1) | 13.5 (13.3 to 13.7) | 14 (13.1 to 15) | 9.68 (8.76 to 10.5) | 9.93 (8.95 to 10.9) | 10.2 (8.99 to 11.4) | 0.25 (0.2 to 0.31) | 0.26 (0.21 to 0.33) | 0.27 (0.24 to 0.31) |
| <i>Trinidad and Tobago</i> | 11.6 (11.4 to 11.7) | 13.4 (13.2 to 13.5) | 14.5 (12.9 to 16.2) | 8.66 (7.8 to 9.4) | 9.94 (8.97 to 10.9) | 10.7 (9.14 to 12.3) | 0.25 (0.2 to 0.32) | 0.26 (0.2 to 0.32) | 0.26 (0.24 to 0.29) |
| United States Virgin Islands | 12.9 (12.4 to 13.7) | 13.4 (12.9 to 13.8) | 12.9 (12.6 to 13.5) | 9.87 (8.92 to 10.8) | 10.1 (9.08 to 10.9) | 9.64 (8.68 to 10.6) | 0.24 (0.21 to 0.28) | 0.25 (0.21 to 0.3) | 0.25 (0.22 to 0.31) |
| Central Latin America | 13.3 (13.3 to 13.4) | 14.7 (14.7 to 14.8) | 15.4 (14.6 to 16.1) | 9.55 (8.52 to 10.5) | 10.7 (9.58 to 11.7) | 11.1 (9.82 to 12.3) | 0.28 (0.22 to 0.36) | 0.27 (0.21 to 0.35) | 0.28 (0.24 to 0.33) |
| <i>Colombia</i> | 13.7 (13.6 to 13.7) | 15.8 (15.8 to 15.9) | 17.5 (15.9 to 19.1) | 9.93 (8.89 to 10.8) | 11.5 (10.4 to 12.6) | 12.8 (11.2 to 14.5) | 0.27 (0.21 to 0.35) | 0.27 (0.21 to 0.34) | 0.27 (0.24 to 0.3) |
| <i>Costa Rica</i> | 14.9 (14.6 to 15.1) | 16.1 (16 to 16.3) | 16.6 (15.2 to 18.1) | 10.8 (9.69 to 11.8) | 11.8 (10.5 to 12.9) | 12.1 (10.5 to 13.7) | 0.27 (0.22 to 0.34) | 0.27 (0.21 to 0.34) | 0.27 (0.24 to 0.31) |
| <i>El Salvador</i> | 15.1 (15 to 15.2) | 15.3 (15.2 to 15.4) | 15.5 (14 to 17.2) | 11 (9.87 to 12) | 11.2 (9.99 to 12.2) | 11.3 (9.73 to 12.9) | 0.27 (0.21 to 0.34) | 0.27 (0.21 to 0.34) | 0.27 (0.25 to 0.3) |
| <i>Guatemala</i> | 10.4 (9.92 to 10.9) | 12.5 (12 to 13.1) | 13.9 (12.7 to 15) | 7.62 (6.78 to 8.45) | 9.06 (8.07 to 10) | 10 (8.75 to 11.3) | 0.27 (0.22 to 0.32) | 0.28 (0.23 to 0.33) | 0.28 (0.24 to 0.31) |
| <i>Honduras</i> | 14.1 (13.5 to 14.9) | 12.9 (11.7 to 14.2) | 11.9 (11.4 to 12.1) | 10.3 (9.18 to 11.5) | 9.53 (8.21 to 10.8) | 8.75 (7.84 to 9.56) | 0.27 (0.23 to 0.32) | 0.26 (0.24 to 0.3) | 0.27 (0.21 to 0.31) |
| <i>Mexico</i> | 13.1 (13.1 to 13.2) | 14.5 (14.4 to 14.5) | 14.9 (14.4 to 15.4) | 9.24 (8.19 to 10.2) | 10.4 (9.32 to 11.4) | 10.6 (9.43 to 11.8) | 0.3 (0.23 to 0.38) | 0.28 (0.21 to 0.35) | 0.29 (0.24 to 0.35) |
| <i>Nicaragua</i> | 15.3 (15.1 to 15.5) | 12.2 (12.1 to 12.3) | 13 (12.3 to 13.8) | 11.1 (9.94 to 12.1) | 9.05 (8.18 to 9.84) | 9.54 (8.48 to 10.6) | 0.28 (0.22 to 0.34) | 0.26 (0.2 to 0.32) | 0.26 (0.23 to 0.31) |
| <i>Panama</i> | 15.6 (15.4 to 15.8) | 16.3 (16.1 to 16.5) | 17.3 (15.8 to 18.9) | 11.4 (10.2 to 12.4) | 11.9 (10.8 to 13) | 12.6 (11 to 14.3) | 0.27 (0.21 to 0.33) | 0.27 (0.21 to 0.33) | 0.27 (0.24 to 0.31) |
| <i>Venezuela (Bolivarian Republic of)</i> | 13.8 (13.7 to 13.8) | 15 (14.9 to 15) | 14.8 (13.2 to 16.4) | 10 (8.99 to 10.9) | 10.9 (9.83 to 11.9) | 10.9 (9.34 to 12.5) | 0.27 (0.21 to 0.34) | 0.27 (0.21 to 0.34) | 0.27 (0.24 to 0.29) |
| Tropical Latin America | 12.6 (12.5 to 12.6) | 14.4 (14.4 to 14.5) | 15.3 (15.1 to 15.4) | 8.98 (8.01 to 9.86) | 10.4 (9.32 to 11.4) | 11.1 (9.94 to 12.1) | 0.28 (0.22 to 0.36) | 0.28 (0.21 to 0.35) | 0.27 (0.22 to 0.34) |

Supplementary Table 6: Life expectancy, Health-adjusted life expectancy, and proportion of years spent in ill health in all reporting locations, in 1990, 2005, 2019

| location | LE-70 | | | HALE-70 | | | PYIH-70 | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 |
| Brazil | 12.5 (12.4 to 12.6) | 14.4 (14.3 to 14.5) | 15.3 (15.1 to 15.4) | 8.92 (7.96 to 9.8) | 10.4 (9.3 to 11.4) | 11.1 (9.94 to 12.1) | 0.29 (0.22 to 0.36) | 0.28 (0.21 to 0.35) | 0.27 (0.22 to 0.34) |
| Paraguay | 15.3 (14.8 to 15.9) | 15.2 (14.7 to 15.6) | 15.1 (13.6 to 16.7) | 11.3 (10.2 to 12.5) | 11.2 (10.1 to 12.3) | 11.2 (9.68 to 12.8) | 0.26 (0.22 to 0.31) | 0.26 (0.21 to 0.31) | 0.26 (0.24 to 0.29) |
| North Africa and Middle East | 11.3 (11.1 to 11.5) | 12.4 (12.2 to 12.7) | 13 (12.5 to 13.4) | 8.23 (7.38 to 9.04) | 9.01 (8.11 to 9.88) | 9.33 (8.35 to 10.3) | 0.27 (0.21 to 0.33) | 0.28 (0.22 to 0.33) | 0.28 (0.23 to 0.33) |
| North Africa and Middle East | 11.3 (11.1 to 11.5) | 12.4 (12.2 to 12.7) | 13 (12.5 to 13.4) | 8.23 (7.38 to 9.04) | 9.01 (8.11 to 9.88) | 9.33 (8.35 to 10.3) | 0.27 (0.21 to 0.33) | 0.28 (0.22 to 0.33) | 0.28 (0.23 to 0.33) |
| Afghanistan | 9.15 (8.5 to 9.88) | 9.37 (8.55 to 10.2) | 9.77 (9.11 to 10.8) | 6.49 (5.63 to 7.29) | 6.61 (5.68 to 7.52) | 6.75 (5.82 to 7.76) | 0.29 (0.26 to 0.34) | 0.29 (0.26 to 0.34) | 0.31 (0.28 to 0.36) |
| Algeria | 10.6 (9.96 to 11.3) | 12.3 (11.5 to 13.1) | 13.3 (12.6 to 14.1) | 7.9 (6.96 to 8.83) | 9.06 (8.1 to 10.1) | 9.71 (8.58 to 10.8) | 0.26 (0.22 to 0.3) | 0.26 (0.23 to 0.3) | 0.27 (0.24 to 0.32) |
| Bahrain | 9.1 (8.64 to 9.6) | 9.54 (9.1 to 9.95) | 12 (11.1 to 13) | 6.48 (5.74 to 7.21) | 6.7 (5.93 to 7.48) | 8.36 (7.24 to 9.51) | 0.29 (0.25 to 0.34) | 0.3 (0.25 to 0.35) | 0.3 (0.27 to 0.35) |
| Egypt | 10.1 (10 to 10.1) | 10.2 (10.1 to 10.2) | 10.7 (9.62 to 11.9) | 7.51 (6.81 to 8.14) | 7.55 (6.84 to 8.2) | 7.88 (6.81 to 9.02) | 0.25 (0.19 to 0.32) | 0.26 (0.2 to 0.33) | 0.27 (0.24 to 0.29) |
| Iran (Islamic Republic of) | 11.8 (11.7 to 12) | 13.1 (13 to 13.2) | 14.3 (14.2 to 14.5) | 8.42 (7.52 to 9.26) | 9.41 (8.44 to 10.3) | 10.2 (9.12 to 11.2) | 0.29 (0.23 to 0.36) | 0.28 (0.22 to 0.35) | 0.29 (0.22 to 0.36) |
| Iraq | 11.8 (11 to 12.6) | 11.5 (10.5 to 12.6) | 12.5 (11.8 to 13.5) | 8.21 (7.19 to 9.24) | 8.25 (7.1 to 9.41) | 9.01 (7.98 to 10.2) | 0.3 (0.27 to 0.35) | 0.29 (0.25 to 0.32) | 0.28 (0.25 to 0.33) |
| Jordan | 11.4 (10.8 to 12) | 12.3 (11.8 to 12.8) | 14.5 (13.6 to 15.4) | 8.34 (7.47 to 9.24) | 8.93 (7.93 to 9.85) | 10.5 (9.32 to 11.7) | 0.27 (0.23 to 0.31) | 0.27 (0.23 to 0.33) | 0.27 (0.24 to 0.32) |
| Kuwait | 14.7 (14.5 to 14.9) | 15.5 (15.3 to 15.6) | 16.4 (15.5 to 17.4) | 10.7 (9.65 to 11.8) | 11.1 (9.96 to 12.2) | 11.8 (10.4 to 13.2) | 0.27 (0.21 to 0.33) | 0.28 (0.22 to 0.35) | 0.28 (0.24 to 0.33) |
| Lebanon | 11.6 (10.9 to 12.1) | 12.7 (12.3 to 13.2) | 13.5 (13 to 14) | 8.45 (7.51 to 9.33) | 9.2 (8.24 to 10.1) | 9.54 (8.43 to 10.6) | 0.27 (0.23 to 0.31) | 0.28 (0.23 to 0.33) | 0.29 (0.24 to 0.35) |
| Libya | 13.9 (12.9 to 14.8) | 15.3 (15.1 to 15.5) | 14.5 (13.3 to 15.8) | 10 (8.89 to 11.2) | 10.9 (9.72 to 12) | 10.3 (8.9 to 11.7) | 0.28 (0.24 to 0.31) | 0.29 (0.22 to 0.36) | 0.29 (0.26 to 0.33) |
| Morocco | 11.5 (11.2 to 11.8) | 12.2 (11.3 to 13) | 11.9 (11.4 to 13) | 8.49 (7.66 to 9.3) | 8.92 (7.86 to 10) | 8.69 (7.74 to 9.84) | 0.26 (0.21 to 0.31) | 0.27 (0.23 to 0.31) | 0.27 (0.24 to 0.32) |
| Oman | 9.5 (8.62 to 10.6) | 10.6 (10.3 to 10.8) | 10.7 (10.3 to 11.1) | 6.87 (5.94 to 7.9) | 7.55 (6.69 to 8.33) | 7.6 (6.73 to 8.4) | 0.28 (0.25 to 0.31) | 0.28 (0.23 to 0.35) | 0.29 (0.24 to 0.34) |
| Palestine | 10.5 (9.47 to 11.6) | 11.4 (11 to 11.7) | 11.8 (11.1 to 12.5) | 7.64 (6.61 to 8.71) | 8.25 (7.37 to 9.08) | 8.45 (7.44 to 9.45) | 0.27 (0.25 to 0.3) | 0.28 (0.23 to 0.33) | 0.28 (0.25 to 0.33) |
| Qatar | 9.56 (8.91 to 10.3) | 9.91 (9.26 to 10.6) | 10.9 (9.97 to 11.9) | 6.82 (5.97 to 7.7) | 6.87 (5.97 to 7.72) | 7.65 (6.55 to 8.76) | 0.29 (0.25 to 0.33) | 0.31 (0.27 to 0.35) | 0.3 (0.26 to 0.34) |
| Saudi Arabia | 11.1 (10.4 to 11.9) | 11.7 (11.4 to 12.1) | 13.2 (12.5 to 14) | 7.73 (6.78 to 8.75) | 8.18 (7.17 to 9.1) | 9.11 (7.94 to 10.2) | 0.3 (0.27 to 0.35) | 0.3 (0.24 to 0.37) | 0.31 (0.27 to 0.37) |
| Sudan | 10.4 (9.93 to 10.9) | 11.3 (10.5 to 12.4) | 11.9 (11.1 to 12.5) | 7.66 (6.84 to 8.46) | 8.28 (7.31 to 9.3) | 8.65 (7.62 to 9.59) | 0.27 (0.23 to 0.31) | 0.27 (0.25 to 0.3) | 0.27 (0.23 to 0.31) |
| Syrian Arab Republic | 11.6 (10.7 to 12.6) | 12.3 (11.7 to 12.9) | 11.9 (10.7 to 13) | 8.58 (7.54 to 9.59) | 9.08 (8.03 to 10) | 8.55 (7.31 to 9.77) | 0.26 (0.24 to 0.3) | 0.26 (0.23 to 0.32) | 0.28 (0.25 to 0.32) |
| Tunisia | 12.8 (12.3 to 13.4) | 13.2 (12 to 14.5) | 14.1 (12.6 to 15.6) | 9.45 (8.38 to 10.4) | 9.6 (8.37 to 11) | 10.1 (8.69 to 11.6) | 0.26 (0.23 to 0.32) | 0.27 (0.24 to 0.31) | 0.28 (0.26 to 0.31) |
| Turkey | 12.6 (12.1 to 13.1) | 15.1 (14.6 to 15.6) | 14.6 (13.5 to 15.9) | 9.25 (8.25 to 10.2) | 10.8 (9.7 to 11.9) | 10.5 (9.18 to 11.9) | 0.27 (0.22 to 0.32) | 0.28 (0.23 to 0.34) | 0.28 (0.25 to 0.32) |
| United Arab Emirates | 9.42 (8.96 to 9.92) | 8.19 (7.76 to 8.68) | 12.1 (11.2 to 12.9) | 6.76 (6.01 to 7.51) | 5.85 (5.15 to 6.52) | 8.5 (7.37 to 9.59) | 0.28 (0.24 to 0.33) | 0.29 (0.25 to 0.34) | 0.3 (0.26 to 0.34) |
| Yemen | 10.4 (9.55 to 11.1) | 11.1 (10.3 to 12) | 11.4 (10.5 to 12) | 7.57 (6.64 to 8.46) | 8.16 (7.2 to 9.16) | 8.35 (7.24 to 9.31) | 0.27 (0.24 to 0.31) | 0.27 (0.24 to 0.3) | 0.27 (0.23 to 0.31) |
| South Asia | 9.49 (9.29 to 9.69) | 10.8 (10.5 to 11) | 12.4 (11.8 to 13) | 6.51 (5.77 to 7.24) | 7.37 (6.5 to 8.18) | 8.46 (7.41 to 9.5) | 0.31 (0.25 to 0.38) | 0.31 (0.26 to 0.38) | 0.32 (0.27 to 0.37) |
| South Asia | 9.49 (9.29 to 9.69) | 10.8 (10.5 to 11) | 12.4 (11.8 to 13) | 6.51 (5.77 to 7.24) | 7.37 (6.5 to 8.18) | 8.46 (7.41 to 9.5) | 0.31 (0.25 to 0.38) | 0.31 (0.26 to 0.38) | 0.32 (0.27 to 0.37) |
| Bangladesh | 10.4 (10.1 to 10.8) | 11.6 (11.3 to 11.9) | 14 (12.9 to 15.1) | 7.51 (6.73 to 8.26) | 8.39 (7.49 to 9.22) | 10.1 (8.88 to 11.3) | 0.28 (0.24 to 0.33) | 0.28 (0.23 to 0.34) | 0.28 (0.25 to 0.31) |
| Bhutan | 10.7 (10 to 11.3) | 12 (11.5 to 12.7) | 12.4 (11.9 to 13.3) | 7.72 (6.87 to 8.58) | 8.64 (7.75 to 9.53) | 8.89 (7.93 to 9.92) | 0.28 (0.24 to 0.32) | 0.28 (0.25 to 0.33) | 0.28 (0.25 to 0.33) |
| India | 9.16 (8.92 to 9.4) | 10.7 (10.4 to 11) | 12.3 (11.6 to 13) | 6.19 (5.45 to 6.94) | 7.26 (6.37 to 8.09) | 8.34 (7.23 to 9.43) | 0.32 (0.26 to 0.39) | 0.32 (0.26 to 0.39) | 0.32 (0.28 to 0.38) |
| Nepal | 10.1 (9.43 to 10.7) | 11.6 (11.3 to 12) | 11.4 (11 to 12.3) | 7.11 (6.26 to 7.95) | 8.16 (7.31 to 8.95) | 8.11 (7.14 to 9.17) | 0.3 (0.26 to 0.34) | 0.29 (0.26 to 0.36) | 0.29 (0.26 to 0.35) |
| Pakistan | 10.6 (10.3 to 11) | 10.2 (9.88 to 10.5) | 11.2 (10.5 to 12) | 7.55 (6.79 to 8.33) | 7.16 (6.37 to 7.92) | 7.92 (6.91 to 8.94) | 0.29 (0.24 to 0.34) | 0.3 (0.25 to 0.36) | 0.3 (0.26 to 0.34) |
| Southeast Asia, East Asia, and Oceania | 10.8 (10.5 to 11.2) | 11.7 (11.5 to 12) | 13.4 (12.8 to 14) | 7.84 (7.02 to 8.62) | 8.47 (7.63 to 9.26) | 9.62 (8.62 to 10.6) | 0.27 (0.23 to 0.33) | 0.28 (0.23 to 0.33) | 0.28 (0.24 to 0.33) |
| East Asia | 10.6 (10.2 to 11.2) | 11.6 (11.3 to 12) | 13.5 (12.8 to 14.3) | 7.76 (6.96 to 8.56) | 8.45 (7.61 to 9.24) | 9.76 (8.69 to 10.8) | 0.27 (0.23 to 0.32) | 0.27 (0.23 to 0.33) | 0.28 (0.24 to 0.32) |
| China | 10.6 (10.1 to 11.1) | 11.6 (11.2 to 11.9) | 13.5 (12.7 to 14.3) | 7.72 (6.91 to 8.53) | 8.4 (7.57 to 9.2) | 9.72 (8.65 to 10.8) | 0.27 (0.23 to 0.32) | 0.27 (0.23 to 0.33) | 0.28 (0.24 to 0.32) |
| Democratic People's Republic of Korea | 11.6 (11 to 12.4) | 11.5 (11.3 to 12.2) | 12.8 (12.1 to 13.3) | 8.53 (7.68 to 9.42) | 8.47 (7.7 to 9.3) | 9.37 (8.41 to 10.3) | 0.27 (0.24 to 0.3) | 0.27 (0.24 to 0.32) | 0.27 (0.23 to 0.31) |
| Taiwan (Province of China) | 13 (12.9 to 13) | 15 (14.9 to 15) | 16.1 (14.6 to 17.6) | 9.53 (8.64 to 10.4) | 11 (9.95 to 11.9) | 11.9 (10.3 to 13.5) | 0.27 (0.2 to 0.33) | 0.27 (0.2 to 0.33) | 0.26 (0.24 to 0.29) |
| Oceania | 10.3 (9.83 to 10.8) | 10.3 (9.7 to 10.9) | 10.7 (9.82 to 11.5) | 7.34 (6.51 to 8.14) | 7.35 (6.47 to 8.19) | 7.6 (6.58 to 8.6) | 0.29 (0.24 to 0.34) | 0.29 (0.25 to 0.33) | 0.29 (0.25 to 0.33) |
| American Samoa | 11.5 (11.3 to 11.8) | 12 (11.6 to 12.3) | 12.3 (11.6 to 12.9) | 8.12 (7.21 to 8.96) | 8.33 (7.34 to 9.21) | 8.48 (7.37 to 9.5) | 0.29 (0.24 to 0.36) | 0.3 (0.25 to 0.37) | 0.31 (0.26 to 0.37) |

Supplementary Table 6: Life expectancy, Health-adjusted life expectancy, and proportion of years spent in ill health in all reporting locations, in 1990, 2005, 2019

| location | LE-70 | | | HALE-70 | | | PYIH-70 | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 |
| <i>Cook Islands</i> | 10.9 (10.7 to 11.2) | 12.7 (12.2 to 13.1) | 13.6 (12.7 to 14.4) | 7.76 (6.94 to 8.53) | 8.81 (7.8 to 9.79) | 9.43 (8.17 to 10.6) | 0.29 (0.23 to 0.35) | 0.3 (0.25 to 0.36) | 0.31 (0.27 to 0.36) |
| <i>Fiji</i> | 10.1 (9.39 to 10.9) | 10.2 (10.1 to 10.3) | 10.5 (9.5 to 11.6) | 7.19 (6.29 to 8.12) | 7.09 (6.26 to 7.87) | 7.29 (6.21 to 8.4) | 0.29 (0.25 to 0.33) | 0.31 (0.24 to 0.38) | 0.31 (0.27 to 0.35) |
| <i>Guam</i> | 12.3 (11.9 to 12.7) | 16.1 (15.6 to 16.7) | 16 (15 to 17) | 8.96 (8.08 to 9.77) | 11.6 (10.4 to 12.8) | 11.5 (10.1 to 12.8) | 0.27 (0.23 to 0.32) | 0.28 (0.23 to 0.33) | 0.28 (0.24 to 0.33) |
| <i>Kiribati</i> | 8.01 (7.49 to 8.63) | 8.37 (7.87 to 8.98) | 8.84 (8.11 to 9.69) | 5.8 (5.09 to 6.56) | 6.03 (5.32 to 6.77) | 6.33 (5.48 to 7.21) | 0.28 (0.24 to 0.32) | 0.28 (0.25 to 0.32) | 0.28 (0.26 to 0.32) |
| <i>Marshall Islands</i> | 9.22 (8.9 to 9.57) | 9.58 (9.14 to 10.1) | 10.1 (9.05 to 11.2) | 6.6 (5.88 to 7.32) | 6.81 (6.01 to 7.62) | 7.14 (6.03 to 8.25) | 0.28 (0.24 to 0.34) | 0.29 (0.25 to 0.34) | 0.29 (0.26 to 0.33) |
| <i>Micronesia (Federated States of)</i> | 9.19 (8.45 to 9.97) | 9.56 (9.07 to 10.1) | 9.51 (8.69 to 10.5) | 6.7 (5.86 to 7.56) | 6.88 (6.09 to 7.63) | 6.84 (5.91 to 7.83) | 0.27 (0.24 to 0.31) | 0.28 (0.25 to 0.33) | 0.28 (0.25 to 0.32) |
| <i>Nauru</i> | 9.18 (8.49 to 10) | 8.32 (7.69 to 9.07) | 9.44 (8.79 to 10.1) | 6.65 (5.82 to 7.5) | 6.04 (5.33 to 6.85) | 6.72 (5.88 to 7.51) | 0.28 (0.25 to 0.31) | 0.27 (0.24 to 0.31) | 0.29 (0.26 to 0.33) |
| <i>Niue</i> | 11.1 (10.3 to 11.6) | 11.1 (10.6 to 11.5) | 11.7 (11.1 to 12.5) | 7.89 (6.92 to 8.79) | 7.76 (6.89 to 8.6) | 8.12 (7.09 to 9.09) | 0.29 (0.24 to 0.33) | 0.3 (0.25 to 0.35) | 0.31 (0.27 to 0.36) |
| <i>Northern Mariana Islands</i> | 11.7 (11 to 12.1) | 12.3 (11.7 to 12.9) | 12.5 (12.1 to 13.2) | 8.46 (7.53 to 9.33) | 8.83 (7.88 to 9.75) | 8.93 (7.91 to 9.9) | 0.28 (0.23 to 0.31) | 0.28 (0.24 to 0.33) | 0.29 (0.25 to 0.34) |
| <i>Palau</i> | 10.1 (9.16 to 10.9) | 10.6 (9.76 to 11.5) | 10.8 (9.78 to 11.9) | 7.22 (6.28 to 8.18) | 7.42 (6.48 to 8.4) | 7.53 (6.45 to 8.66) | 0.28 (0.25 to 0.31) | 0.3 (0.27 to 0.34) | 0.3 (0.27 to 0.34) |
| <i>Papua New Guinea</i> | 10.5 (9.91 to 11.1) | 10.3 (9.49 to 11.1) | 10.7 (9.68 to 11.5) | 7.45 (6.53 to 8.27) | 7.31 (6.34 to 8.24) | 7.56 (6.52 to 8.6) | 0.29 (0.26 to 0.34) | 0.29 (0.26 to 0.33) | 0.29 (0.25 to 0.33) |
| <i>Samoa</i> | 10.6 (9.94 to 11) | 11.3 (10.6 to 11.9) | 11.7 (10.8 to 12.4) | 7.64 (6.69 to 8.49) | 8.09 (7.14 to 9.02) | 8.31 (7.26 to 9.33) | 0.28 (0.23 to 0.33) | 0.29 (0.24 to 0.33) | 0.29 (0.25 to 0.33) |
| <i>Solomon Islands</i> | 7.78 (7.19 to 8.52) | 7.83 (7.33 to 8.43) | 8.22 (7.59 to 8.95) | 5.79 (5.1 to 6.55) | 5.77 (5.1 to 6.45) | 5.99 (5.23 to 6.77) | 0.26 (0.23 to 0.29) | 0.26 (0.24 to 0.3) | 0.27 (0.24 to 0.31) |
| <i>Tokelau</i> | 10.9 (10.2 to 11.4) | 11.5 (10.6 to 12.3) | 12.3 (11.2 to 13.2) | 7.92 (7.02 to 8.75) | 8.19 (7.16 to 9.2) | 8.71 (7.56 to 9.77) | 0.28 (0.23 to 0.31) | 0.28 (0.25 to 0.32) | 0.29 (0.26 to 0.33) |
| <i>Tonga</i> | 12.3 (11.7 to 13) | 12.6 (12.1 to 13.2) | 12.7 (11.9 to 13.7) | 8.91 (7.94 to 9.84) | 9.09 (8.12 to 10) | 9.14 (8.01 to 10.2) | 0.28 (0.24 to 0.32) | 0.28 (0.24 to 0.33) | 0.28 (0.25 to 0.32) |
| <i>Tuvalu</i> | 9.6 (9 to 10.3) | 10.3 (9.6 to 10.9) | 10.9 (9.62 to 12) | 6.97 (6.19 to 7.77) | 7.41 (6.56 to 8.26) | 7.75 (6.53 to 8.95) | 0.27 (0.24 to 0.31) | 0.28 (0.24 to 0.32) | 0.29 (0.26 to 0.32) |
| <i>Vanuatu</i> | 9.57 (8.7 to 10.3) | 9.72 (8.8 to 10.5) | 10.1 (9.02 to 11) | 6.98 (6.06 to 7.86) | 7.09 (6.19 to 8.02) | 7.29 (6.2 to 8.29) | 0.27 (0.24 to 0.3) | 0.27 (0.24 to 0.3) | 0.28 (0.24 to 0.31) |
| Southeast Asia | 11.5 (11.3 to 11.7) | 12 (11.8 to 12.2) | 12.8 (12.4 to 13.3) | 8.14 (7.26 to 8.94) | 8.57 (7.68 to 9.42) | 9.1 (8.08 to 10) | 0.29 (0.24 to 0.36) | 0.29 (0.23 to 0.35) | 0.29 (0.25 to 0.35) |
| <i>Cambodia</i> | 9.86 (9.52 to 10.3) | 10.8 (10.4 to 11.3) | 11.4 (11 to 12.2) | 7.04 (6.22 to 7.81) | 7.73 (6.87 to 8.54) | 8.05 (7.11 to 9.07) | 0.29 (0.24 to 0.35) | 0.28 (0.24 to 0.34) | 0.29 (0.26 to 0.35) |
| <i>Indonesia</i> | 11.1 (10.8 to 11.5) | 11.2 (10.8 to 11.5) | 11.4 (11 to 12.3) | 7.69 (6.78 to 8.56) | 7.78 (6.88 to 8.67) | 7.98 (7.03 to 8.98) | 0.31 (0.25 to 0.37) | 0.3 (0.25 to 0.36) | 0.3 (0.27 to 0.36) |
| <i>Lao People's Democratic Republic</i> | 9.28 (8.69 to 9.98) | 10.3 (9.89 to 10.9) | 11.3 (10.7 to 12.1) | 6.77 (6 to 7.61) | 7.53 (6.74 to 8.29) | 8.2 (7.29 to 9.17) | 0.27 (0.24 to 0.31) | 0.27 (0.24 to 0.32) | 0.28 (0.24 to 0.32) |
| <i>Malaysia</i> | 12.1 (12 to 12.2) | 12.1 (12.1 to 12.2) | 12.7 (11.5 to 13.9) | 8.57 (7.65 to 9.43) | 8.62 (7.7 to 9.47) | 9.07 (7.85 to 10.3) | 0.29 (0.23 to 0.37) | 0.29 (0.22 to 0.36) | 0.29 (0.26 to 0.32) |
| <i>Maldives</i> | 10.5 (10.3 to 10.7) | 13.2 (12.9 to 13.6) | 14.9 (14 to 15.9) | 7.63 (6.88 to 8.35) | 9.61 (8.67 to 10.5) | 10.7 (9.45 to 12) | 0.27 (0.22 to 0.33) | 0.27 (0.22 to 0.33) | 0.28 (0.25 to 0.32) |
| <i>Mauritius</i> | 11.6 (11.5 to 11.8) | 12.9 (12.7 to 13) | 14.3 (13.1 to 15.5) | 8.27 (7.42 to 9.1) | 9.01 (8 to 9.94) | 9.96 (8.61 to 11.3) | 0.29 (0.23 to 0.35) | 0.3 (0.24 to 0.37) | 0.3 (0.27 to 0.34) |
| <i>Myanmar</i> | 9.59 (8.95 to 10.3) | 10.4 (9.92 to 10.9) | 11.6 (11.1 to 11.9) | 6.86 (6 to 7.7) | 7.41 (6.59 to 8.23) | 8.19 (7.25 to 9.05) | 0.28 (0.26 to 0.33) | 0.28 (0.25 to 0.34) | 0.29 (0.24 to 0.35) |
| <i>Philippines</i> | 12.4 (12 to 12.7) | 12.4 (12 to 12.7) | 12.6 (11.7 to 13.6) | 8.82 (7.83 to 9.71) | 8.85 (7.89 to 9.71) | 9.01 (7.99 to 10.1) | 0.29 (0.24 to 0.35) | 0.28 (0.24 to 0.34) | 0.29 (0.26 to 0.32) |
| <i>Seychelles</i> | 12.1 (11.8 to 12.3) | 12.2 (11.9 to 12.5) | 12.8 (12.3 to 13.3) | 8.78 (7.87 to 9.59) | 8.71 (7.76 to 9.62) | 9.01 (7.98 to 9.99) | 0.27 (0.22 to 0.34) | 0.29 (0.23 to 0.35) | 0.3 (0.25 to 0.35) |
| <i>Sri Lanka</i> | 11.5 (11.3 to 11.8) | 12.6 (12.1 to 13.1) | 14.1 (12.7 to 15.7) | 8.33 (7.46 to 9.15) | 8.84 (7.78 to 9.88) | 9.8 (8.33 to 11.4) | 0.28 (0.23 to 0.34) | 0.3 (0.25 to 0.35) | 0.31 (0.28 to 0.34) |
| <i>Thailand</i> | 13.2 (12.8 to 13.8) | 15.2 (14.5 to 15.9) | 16.7 (15 to 18.5) | 9.47 (8.47 to 10.5) | 11 (9.8 to 12.1) | 12.1 (10.4 to 13.8) | 0.28 (0.24 to 0.34) | 0.28 (0.24 to 0.33) | 0.27 (0.25 to 0.3) |
| <i>Timor-Leste</i> | 11.1 (10.5 to 11.5) | 11.7 (11.2 to 12.1) | 11.4 (11 to 12.2) | 7.91 (7.01 to 8.76) | 8.29 (7.38 to 9.13) | 8.04 (7.05 to 9.1) | 0.29 (0.24 to 0.33) | 0.29 (0.24 to 0.34) | 0.29 (0.26 to 0.36) |
| <i>Viet Nam</i> | 11.5 (11 to 12.2) | 12.3 (11.6 to 12.6) | 12.8 (12.4 to 13.6) | 8.47 (7.61 to 9.36) | 9.01 (8.08 to 9.87) | 9.24 (8.22 to 10.2) | 0.27 (0.23 to 0.31) | 0.27 (0.21 to 0.3) | 0.28 (0.25 to 0.34) |
| Sub-Saharan Africa | 10.1 (9.88 to 10.3) | 10.4 (10.1 to 10.6) | 11.5 (11.1 to 11.8) | 7.33 (6.59 to 8.04) | 7.54 (6.79 to 8.24) | 8.39 (7.55 to 9.2) | 0.28 (0.22 to 0.33) | 0.27 (0.22 to 0.33) | 0.27 (0.22 to 0.32) |
| Central Sub-Saharan Africa | 9.32 (8.83 to 9.79) | 9.83 (9.4 to 10.3) | 10.9 (10.1 to 11.6) | 6.73 (6 to 7.47) | 7.13 (6.4 to 7.86) | 7.96 (7.01 to 8.89) | 0.28 (0.24 to 0.32) | 0.27 (0.24 to 0.32) | 0.27 (0.23 to 0.3) |
| <i>Angola</i> | 8.92 (8.39 to 9.55) | 9.79 (9.3 to 10.3) | 11.1 (10.4 to 11.6) | 6.54 (5.81 to 7.29) | 7.17 (6.41 to 7.92) | 8.17 (7.23 to 9) | 0.27 (0.24 to 0.31) | 0.27 (0.23 to 0.31) | 0.27 (0.22 to 0.3) |
| <i>Central African Republic</i> | 8.29 (7.8 to 8.79) | 8.15 (7.42 to 9.05) | 8.8 (7.83 to 9.89) | 5.97 (5.27 to 6.67) | 5.9 (5.11 to 6.78) | 6.42 (5.44 to 7.47) | 0.28 (0.24 to 0.32) | 0.28 (0.25 to 0.31) | 0.27 (0.24 to 0.31) |
| <i>Congo</i> | 8.81 (8.23 to 9.54) | 9.81 (9.2 to 10.5) | 10.6 (9.91 to 11.2) | 6.45 (5.74 to 7.23) | 7.15 (6.31 to 7.91) | 7.8 (6.87 to 8.67) | 0.27 (0.24 to 0.3) | 0.27 (0.25 to 0.31) | 0.27 (0.22 to 0.31) |
| <i>Democratic Republic of the Congo</i> | 9.51 (8.92 to 10.1) | 9.91 (9.46 to 10.4) | 11 (10 to 11.9) | 6.84 (6.05 to 7.64) | 7.17 (6.41 to 7.95) | 8 (7.01 to 8.99) | 0.28 (0.24 to 0.32) | 0.28 (0.24 to 0.32) | 0.27 (0.24 to 0.3) |
| <i>Equatorial Guinea</i> | 8.69 (7.94 to 9.42) | 11.2 (10.1 to 12.7) | 11.5 (10.4 to 12.5) | 6.16 (5.36 to 6.95) | 7.98 (6.86 to 9.23) | 8.3 (7.16 to 9.43) | 0.29 (0.26 to 0.33) | 0.29 (0.27 to 0.32) | 0.28 (0.25 to 0.31) |
| <i>Gabon</i> | 9.93 (9.43 to 10.4) | 10.4 (9.78 to 11) | 11.2 (10.7 to 12.1) | 7.27 (6.49 to 8.02) | 7.57 (6.72 to 8.38) | 8.21 (7.31 to 9.17) | 0.27 (0.23 to 0.31) | 0.27 (0.24 to 0.31) | 0.27 (0.24 to 0.32) |

Supplementary Table 6:Life expectancy, Health-adjusted life expectancy, and proportion of years spent in ill health in all reporting locations, in 1990, 2005, 2019

| location | LE-70 | | | HALE-70 | | | PYIH-70 | | |
|-----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 |
| Eastern Sub-Saharan Africa | 9.37 (9.16 to 9.59) | 10.2 (10 to 10.4) | 11.4 (11.1 to 11.7) | 6.81 (6.11 to 7.45) | 7.44 (6.68 to 8.12) | 8.34 (7.51 to 9.1) | 0.27 (0.22 to 0.33) | 0.27 (0.22 to 0.33) | 0.27 (0.22 to 0.32) |
| Burundi | 8.51 (7.88 to 9.02) | 9.35 (8.82 to 9.97) | 10.7 (9.69 to 11.6) | 6.3 (5.54 to 6.99) | 6.89 (6.15 to 7.63) | 7.94 (6.9 to 8.96) | 0.26 (0.23 to 0.3) | 0.26 (0.23 to 0.3) | 0.26 (0.23 to 0.29) |
| Comoros | 9.95 (9.35 to 10.7) | 11.1 (10.5 to 11.5) | 11.8 (10.9 to 12.2) | 7.34 (6.53 to 8.22) | 8.24 (7.4 to 9.05) | 8.79 (7.76 to 9.65) | 0.26 (0.23 to 0.3) | 0.26 (0.22 to 0.3) | 0.26 (0.21 to 0.29) |
| Djibouti | 10.5 (9.65 to 11.3) | 10.8 (9.82 to 12) | 11.5 (10.5 to 12.1) | 7.81 (6.88 to 8.7) | 8.04 (7.05 to 9.15) | 8.56 (7.53 to 9.4) | 0.26 (0.23 to 0.29) | 0.25 (0.23 to 0.28) | 0.26 (0.22 to 0.28) |
| Eritrea | 8.54 (8.04 to 9.06) | 9.5 (8.66 to 10.5) | 10.2 (9.22 to 11.1) | 6.26 (5.57 to 6.97) | 6.96 (6.12 to 7.88) | 7.53 (6.51 to 8.5) | 0.27 (0.23 to 0.31) | 0.27 (0.25 to 0.29) | 0.26 (0.23 to 0.29) |
| Ethiopia | 8.2 (7.95 to 8.45) | 10.1 (9.7 to 10.4) | 11.8 (11.3 to 12.4) | 5.93 (5.28 to 6.53) | 7.34 (6.54 to 8.08) | 8.7 (7.75 to 9.6) | 0.28 (0.23 to 0.34) | 0.27 (0.22 to 0.33) | 0.26 (0.23 to 0.32) |
| Kenya | 11.1 (10.7 to 11.4) | 10.7 (10.5 to 11) | 11.4 (11 to 12) | 7.92 (7.1 to 8.73) | 7.72 (6.94 to 8.46) | 8.32 (7.43 to 9.19) | 0.28 (0.24 to 0.34) | 0.28 (0.23 to 0.34) | 0.27 (0.24 to 0.32) |
| Madagascar | 10.3 (9.82 to 10.8) | 10.1 (9.61 to 10.7) | 10.9 (9.84 to 12) | 7.55 (6.77 to 8.32) | 7.46 (6.66 to 8.21) | 8.09 (7.02 to 9.18) | 0.26 (0.23 to 0.31) | 0.26 (0.23 to 0.31) | 0.26 (0.24 to 0.29) |
| Malawi | 9.48 (9.15 to 9.84) | 9.95 (9.45 to 10.4) | 11.3 (10.7 to 11.9) | 6.9 (6.2 to 7.57) | 7.26 (6.4 to 8.01) | 8.32 (7.42 to 9.16) | 0.27 (0.23 to 0.32) | 0.27 (0.23 to 0.32) | 0.26 (0.23 to 0.31) |
| Mozambique | 9.54 (9.18 to 9.86) | 10 (9.58 to 10.5) | 10.4 (9.49 to 11.1) | 6.87 (6.11 to 7.58) | 7.2 (6.41 to 7.96) | 7.54 (6.55 to 8.43) | 0.28 (0.23 to 0.33) | 0.28 (0.24 to 0.33) | 0.27 (0.24 to 0.31) |
| Rwanda | 8.54 (8.1 to 8.93) | 10.5 (9.93 to 10.9) | 11.7 (11 to 12.1) | 6.29 (5.63 to 6.93) | 7.66 (6.88 to 8.45) | 8.65 (7.74 to 9.46) | 0.26 (0.22 to 0.31) | 0.27 (0.23 to 0.31) | 0.26 (0.22 to 0.3) |
| Somalia | 8.54 (7.85 to 9.26) | 9.04 (8.12 to 9.87) | 9.71 (8.53 to 10.7) | 6.35 (5.62 to 7.09) | 6.71 (5.82 to 7.62) | 7.22 (6.15 to 8.23) | 0.26 (0.23 to 0.28) | 0.26 (0.23 to 0.28) | 0.26 (0.23 to 0.28) |
| South Sudan | 10 (9.29 to 10.9) | 10.6 (9.71 to 12) | 11.4 (10.5 to 12.6) | 7 (6.08 to 7.94) | 7.38 (6.36 to 8.59) | 7.94 (6.82 to 9.18) | 0.3 (0.27 to 0.35) | 0.31 (0.28 to 0.34) | 0.3 (0.27 to 0.35) |
| Uganda | 9.81 (9.36 to 10.4) | 10.2 (9.85 to 10.6) | 11.5 (11.1 to 12.2) | 7.11 (6.35 to 7.9) | 7.47 (6.71 to 8.18) | 8.47 (7.59 to 9.3) | 0.28 (0.24 to 0.32) | 0.27 (0.23 to 0.32) | 0.26 (0.24 to 0.31) |
| United Republic of Tanzania | 10.2 (9.79 to 10.6) | 10.9 (10.6 to 11.3) | 11.8 (11.3 to 12.4) | 7.48 (6.73 to 8.2) | 7.97 (7.14 to 8.75) | 8.69 (7.81 to 9.48) | 0.27 (0.23 to 0.31) | 0.27 (0.23 to 0.32) | 0.26 (0.23 to 0.31) |
| Zambia | 9.24 (8.91 to 9.7) | 9.22 (8.72 to 9.74) | 10.7 (9.89 to 11.4) | 6.84 (6.1 to 7.58) | 6.81 (6.08 to 7.49) | 7.99 (7.03 to 8.9) | 0.26 (0.22 to 0.32) | 0.26 (0.23 to 0.3) | 0.26 (0.22 to 0.29) |
| Southern Sub-Saharan Africa | 12.9 (12.7 to 13.1) | 10.9 (10.8 to 11.1) | 12.4 (12.2 to 12.6) | 9.19 (8.24 to 10.1) | 7.78 (6.99 to 8.55) | 8.82 (7.92 to 9.71) | 0.29 (0.23 to 0.35) | 0.29 (0.23 to 0.35) | 0.29 (0.23 to 0.35) |
| Botswana | 10.2 (9.25 to 10.9) | 9.52 (8.38 to 11.1) | 10.8 (9.71 to 11.7) | 7.38 (6.39 to 8.33) | 6.85 (5.77 to 8.08) | 7.66 (6.58 to 8.69) | 0.28 (0.24 to 0.31) | 0.28 (0.27 to 0.31) | 0.29 (0.26 to 0.32) |
| Eswatini | 10.2 (9.64 to 10.9) | 8.42 (7.58 to 9.35) | 10.2 (9.03 to 11.6) | 7.36 (6.56 to 8.18) | 6.01 (5.16 to 6.88) | 7.31 (6.16 to 8.45) | 0.28 (0.25 to 0.32) | 0.29 (0.26 to 0.32) | 0.29 (0.27 to 0.32) |
| Lesotho | 10.5 (9.93 to 10.8) | 8.61 (7.98 to 9.26) | 9.06 (8.06 to 10.2) | 7.6 (6.8 to 8.35) | 6.21 (5.44 to 7) | 6.49 (5.52 to 7.52) | 0.27 (0.23 to 0.31) | 0.28 (0.24 to 0.32) | 0.28 (0.26 to 0.31) |
| Namibia | 10.1 (9.72 to 10.5) | 9.84 (9.25 to 10.4) | 11.2 (10.4 to 12) | 7.3 (6.5 to 8.08) | 7.07 (6.28 to 7.87) | 8.08 (7.04 to 9.14) | 0.28 (0.23 to 0.33) | 0.28 (0.24 to 0.32) | 0.28 (0.24 to 0.32) |
| South Africa | 13.7 (13.5 to 14) | 11.4 (11.3 to 11.5) | 13 (12.8 to 13.2) | 9.75 (8.74 to 10.7) | 8.12 (7.29 to 8.92) | 9.22 (8.28 to 10.1) | 0.29 (0.23 to 0.35) | 0.29 (0.23 to 0.36) | 0.29 (0.23 to 0.35) |
| Zimbabwe | 10.7 (10.4 to 11.1) | 9.42 (8.87 to 9.95) | 10.2 (9.37 to 11.1) | 7.81 (7.02 to 8.56) | 6.83 (6.09 to 7.59) | 7.39 (6.45 to 8.34) | 0.27 (0.23 to 0.32) | 0.28 (0.24 to 0.31) | 0.27 (0.25 to 0.31) |
| Western Sub-Saharan Africa | 10.2 (9.84 to 10.5) | 10.4 (10 to 10.9) | 11.5 (11 to 11.9) | 7.4 (6.63 to 8.11) | 7.65 (6.87 to 8.4) | 8.42 (7.54 to 9.27) | 0.27 (0.23 to 0.33) | 0.27 (0.23 to 0.32) | 0.27 (0.22 to 0.31) |
| Benin | 10 (9.61 to 10.4) | 10.5 (9.83 to 11) | 11.3 (10.4 to 12) | 7.29 (6.56 to 8) | 7.72 (6.92 to 8.53) | 8.32 (7.32 to 9.27) | 0.27 (0.23 to 0.32) | 0.26 (0.23 to 0.3) | 0.26 (0.23 to 0.3) |
| Burkina Faso | 9.77 (9.34 to 10.2) | 10.1 (9.69 to 10.5) | 10.8 (10.2 to 11.3) | 7.11 (6.33 to 7.87) | 7.45 (6.7 to 8.18) | 8.03 (7.19 to 8.81) | 0.27 (0.23 to 0.32) | 0.26 (0.22 to 0.31) | 0.26 (0.22 to 0.3) |
| Cabo Verde | 14 (13.6 to 14.3) | 13.8 (13.2 to 14.4) | 12.5 (12.2 to 12.9) | 10.4 (9.41 to 11.3) | 10.2 (9.15 to 11.3) | 9.24 (8.33 to 10.1) | 0.25 (0.21 to 0.31) | 0.26 (0.22 to 0.31) | 0.26 (0.22 to 0.32) |
| Cameroon | 10.3 (9.84 to 10.7) | 9.89 (9.45 to 10.5) | 11.2 (10.2 to 11.9) | 7.44 (6.65 to 8.22) | 7.12 (6.34 to 7.95) | 8.16 (7.12 to 9.12) | 0.28 (0.23 to 0.32) | 0.28 (0.24 to 0.33) | 0.27 (0.24 to 0.3) |
| Chad | 9.93 (9.55 to 10.3) | 9.71 (9.27 to 10.2) | 10.6 (9.85 to 11.3) | 7.29 (6.54 to 8.03) | 7.07 (6.32 to 7.82) | 7.79 (6.87 to 8.67) | 0.27 (0.22 to 0.32) | 0.27 (0.23 to 0.32) | 0.27 (0.23 to 0.3) |
| Côte d'Ivoire | 9.84 (9.4 to 10.2) | 9.78 (9.23 to 10.2) | 11.2 (10.5 to 11.8) | 6.97 (6.16 to 7.78) | 7.15 (6.37 to 7.91) | 8.22 (7.26 to 9.08) | 0.29 (0.24 to 0.34) | 0.27 (0.23 to 0.31) | 0.27 (0.23 to 0.31) |
| Gambia | 10.4 (9.64 to 11.1) | 10.6 (10.1 to 11.3) | 10.9 (10.2 to 11.8) | 7.69 (6.78 to 8.55) | 7.78 (6.96 to 8.65) | 8.05 (7.14 to 8.92) | 0.26 (0.23 to 0.3) | 0.26 (0.23 to 0.31) | 0.26 (0.24 to 0.3) |
| Ghana | 10.3 (9.63 to 10.9) | 10.4 (10 to 10.9) | 11.3 (10.7 to 11.6) | 7.64 (6.81 to 8.48) | 7.73 (6.93 to 8.5) | 8.41 (7.48 to 9.22) | 0.26 (0.22 to 0.29) | 0.26 (0.22 to 0.31) | 0.26 (0.21 to 0.3) |
| Guinea | 10 (9.6 to 10.4) | 10.1 (9.62 to 10.6) | 10.7 (9.85 to 11.5) | 7.43 (6.67 to 8.19) | 7.49 (6.75 to 8.23) | 7.9 (6.93 to 8.9) | 0.26 (0.21 to 0.31) | 0.26 (0.22 to 0.3) | 0.26 (0.23 to 0.3) |
| Guinea-Bissau | 8.51 (7.99 to 9.09) | 9.21 (8.71 to 9.67) | 10.1 (9.18 to 11) | 6.27 (5.57 to 6.98) | 6.8 (6.08 to 7.46) | 7.47 (6.53 to 8.41) | 0.26 (0.23 to 0.3) | 0.26 (0.23 to 0.3) | 0.26 (0.24 to 0.29) |
| Liberia | 9.92 (9.42 to 10.3) | 10.6 (10.1 to 11.2) | 11.6 (10.6 to 12.3) | 7.13 (6.32 to 7.9) | 7.63 (6.74 to 8.48) | 8.31 (7.21 to 9.35) | 0.28 (0.24 to 0.33) | 0.28 (0.24 to 0.33) | 0.28 (0.24 to 0.32) |
| Mali | 9.67 (9.33 to 10.1) | 10.6 (10.2 to 11) | 11.3 (10.4 to 12) | 7.08 (6.33 to 7.81) | 7.81 (7.03 to 8.56) | 8.37 (7.37 to 9.28) | 0.27 (0.22 to 0.32) | 0.27 (0.22 to 0.31) | 0.26 (0.23 to 0.29) |
| Mauritania | 10 (9.61 to 10.5) | 11.6 (10.9 to 12.1) | 12.4 (11.6 to 12.7) | 7.48 (6.72 to 8.21) | 8.68 (7.76 to 9.52) | 9.25 (8.33 to 10.1) | 0.25 (0.22 to 0.3) | 0.25 (0.21 to 0.29) | 0.25 (0.2 to 0.28) |
| Niger | 9.6 (9.29 to 9.95) | 10.3 (9.97 to 10.7) | 11.1 (10.2 to 11.8) | 7.18 (6.47 to 7.83) | 7.75 (7.06 to 8.46) | 8.31 (7.36 to 9.2) | 0.25 (0.21 to 0.3) | 0.25 (0.21 to 0.29) | 0.25 (0.22 to 0.28) |
| Nigeria | 10.3 (9.8 to 10.9) | 10.6 (9.87 to 11.5) | 11.8 (11 to 12.7) | 7.48 (6.64 to 8.31) | 7.78 (6.84 to 8.73) | 8.63 (7.64 to 9.69) | 0.28 (0.24 to 0.32) | 0.27 (0.24 to 0.31) | 0.27 (0.24 to 0.3) |

Supplementary Table 6: Life expectancy, Health-adjusted life expectancy, and proportion of years spent in ill health in all reporting locations, in 1990, 2005, 2019

| location | LE-70 | | | HALE-70 | | | PYIH-70 | | |
|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 |
| <i>Sao Tome and Principe</i> | 11.3 (10.8 to 11.7) | 11.1 (10.7 to 11.4) | 11.2 (11.1 to 11.9) | 8.34 (7.5 to 9.12) | 8.1 (7.34 to 8.89) | 8.17 (7.36 to 9.03) | 0.26 (0.22 to 0.31) | 0.27 (0.22 to 0.32) | 0.27 (0.24 to 0.33) |
| <i>Senegal</i> | 10.2 (9.89 to 10.5) | 11 (10.7 to 11.3) | 11.7 (10.9 to 12.1) | 7.52 (6.76 to 8.23) | 8.02 (7.14 to 8.8) | 8.6 (7.6 to 9.46) | 0.27 (0.22 to 0.32) | 0.27 (0.22 to 0.33) | 0.27 (0.22 to 0.3) |
| <i>Sierra Leone</i> | 9.67 (9.16 to 10.3) | 9.78 (9.35 to 10.2) | 11.1 (10.1 to 11.6) | 7.16 (6.4 to 7.95) | 7.2 (6.47 to 7.92) | 8.16 (7.12 to 9.07) | 0.26 (0.23 to 0.3) | 0.26 (0.22 to 0.31) | 0.26 (0.22 to 0.3) |
| <i>Togo</i> | 10.2 (9.74 to 10.7) | 10.3 (9.72 to 10.8) | 11.4 (10.5 to 11.8) | 7.57 (6.79 to 8.31) | 7.64 (6.83 to 8.42) | 8.42 (7.4 to 9.29) | 0.26 (0.22 to 0.3) | 0.26 (0.22 to 0.3) | 0.26 (0.22 to 0.3) |

Supplementary Table 7: Life expectancy, Health-adjusted life expectancy, and proportion of years spent in ill health in all reporting locations, in 1990, 2005, 2019, Males

| location | LE-70 | | | HALE-70 | | | PYIH-70 | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 |
| Global | 10.6 (10.4 to 10.8) | 11.5 (11.4 to 11.7) | 12.9 (12.5 to 13.3) | 7.72 (6.92 to 8.42) | 8.4 (7.58 to 9.18) | 9.35 (8.43 to 10.3) | 0.27 (0.22 to 0.34) | 0.27 (0.22 to 0.33) | 0.27 (0.23 to 0.33) |
| Low SDI | 8.99 (8.74 to 9.26) | 9.66 (9.42 to 9.92) | 11 (10.6 to 11.4) | 6.48 (5.81 to 7.11) | 6.95 (6.22 to 7.65) | 7.92 (7.06 to 8.76) | 0.28 (0.23 to 0.34) | 0.28 (0.23 to 0.34) | 0.28 (0.23 to 0.33) |
| Low-middle SDI | 9.56 (9.34 to 9.81) | 10.4 (10.2 to 10.7) | 11.6 (11 to 12.1) | 6.86 (6.15 to 7.54) | 7.46 (6.67 to 8.2) | 8.28 (7.36 to 9.21) | 0.28 (0.23 to 0.34) | 0.28 (0.23 to 0.35) | 0.28 (0.24 to 0.33) |
| Middle SDI | 10.5 (10 to 10.9) | 11 (10.7 to 11.3) | 12.1 (11.6 to 12.7) | 7.7 (6.9 to 8.45) | 8.11 (7.33 to 8.83) | 8.89 (8.01 to 9.82) | 0.26 (0.22 to 0.31) | 0.26 (0.22 to 0.32) | 0.27 (0.23 to 0.31) |
| High-middle SDI | 10.5 (10.2 to 10.7) | 11.1 (11 to 11.3) | 13 (12.5 to 13.5) | 7.7 (6.93 to 8.38) | 8.19 (7.39 to 8.92) | 9.57 (8.61 to 10.5) | 0.26 (0.22 to 0.32) | 0.26 (0.21 to 0.33) | 0.26 (0.22 to 0.31) |
| High SDI | 11.9 (11.9 to 11.9) | 13.9 (13.9 to 13.9) | 15.2 (15.1 to 15.3) | 8.62 (7.74 to 9.42) | 10 (8.98 to 10.9) | 10.9 (9.78 to 11.9) | 0.28 (0.21 to 0.35) | 0.28 (0.21 to 0.35) | 0.28 (0.22 to 0.35) |
| Central Europe, Eastern Europe, and Central Asia | 9.99 (9.97 to 10) | 9.82 (9.8 to 9.84) | 11.5 (11.1 to 12.1) | 7.26 (6.49 to 7.93) | 7.18 (6.45 to 7.83) | 8.44 (7.48 to 9.27) | 0.27 (0.21 to 0.35) | 0.27 (0.2 to 0.34) | 0.27 (0.23 to 0.32) |
| Central Asia | 10.6 (10.4 to 10.7) | 8.71 (8.61 to 8.8) | 9.68 (9.26 to 10.1) | 8.02 (7.3 to 8.68) | 6.66 (6.09 to 7.17) | 7.34 (6.66 to 8.05) | 0.24 (0.19 to 0.3) | 0.24 (0.19 to 0.29) | 0.24 (0.2 to 0.28) |
| <i>Armenia</i> | 10.9 (10.8 to 11) | 10.8 (10.7 to 10.9) | 11.8 (10.9 to 12.7) | 8.13 (7.37 to 8.82) | 8.13 (7.38 to 8.8) | 8.83 (7.86 to 9.82) | 0.25 (0.2 to 0.32) | 0.25 (0.19 to 0.31) | 0.25 (0.22 to 0.28) |
| <i>Azerbaijan</i> | 10.7 (10.3 to 11.2) | 9.28 (8.94 to 9.62) | 9.66 (8.79 to 10.5) | 8.23 (7.45 to 8.98) | 7.15 (6.51 to 7.79) | 7.41 (6.49 to 8.32) | 0.23 (0.2 to 0.28) | 0.23 (0.19 to 0.27) | 0.23 (0.21 to 0.26) |
| <i>Georgia</i> | 9.76 (9.35 to 10.2) | 9.89 (9.47 to 10.3) | 10.5 (9.73 to 11.4) | 7.47 (6.74 to 8.17) | 7.51 (6.77 to 8.19) | 7.8 (6.93 to 8.72) | 0.23 (0.2 to 0.28) | 0.24 (0.21 to 0.28) | 0.26 (0.23 to 0.29) |
| <i>Kazakhstan</i> | 10 (9.83 to 10.2) | 8.85 (8.65 to 9.04) | 10.2 (9.57 to 10.8) | 7.48 (6.77 to 8.13) | 6.64 (6.03 to 7.24) | 7.58 (6.75 to 8.41) | 0.25 (0.2 to 0.31) | 0.25 (0.2 to 0.3) | 0.26 (0.22 to 0.29) |
| <i>Kyrgyzstan</i> | 10.8 (10.5 to 11) | 9.76 (9.69 to 9.83) | 11.6 (11 to 12.2) | 8.14 (7.37 to 8.85) | 7.49 (6.85 to 8.06) | 8.91 (8.04 to 9.78) | 0.24 (0.2 to 0.3) | 0.23 (0.18 to 0.29) | 0.23 (0.2 to 0.27) |
| <i>Mongolia</i> | 8.38 (7.69 to 9.17) | 7.88 (7.29 to 8.57) | 9.31 (8.29 to 10.3) | 6.41 (5.63 to 7.17) | 6.03 (5.37 to 6.76) | 7.14 (6.13 to 8.14) | 0.24 (0.22 to 0.27) | 0.23 (0.21 to 0.26) | 0.23 (0.21 to 0.26) |
| <i>Tajikistan</i> | 11.8 (11.3 to 12.3) | 9.42 (9.05 to 9.81) | 8.8 (7.93 to 9.67) | 8.97 (8.09 to 9.81) | 7.3 (6.61 to 7.97) | 6.82 (5.93 to 7.7) | 0.24 (0.2 to 0.28) | 0.22 (0.19 to 0.27) | 0.23 (0.2 to 0.25) |
| <i>Turkmenistan</i> | 10.4 (10.3 to 10.5) | 9.34 (9.26 to 9.41) | 11 (9.91 to 12.2) | 7.98 (7.29 to 8.59) | 7.22 (6.6 to 7.74) | 8.52 (7.4 to 9.64) | 0.23 (0.18 to 0.29) | 0.23 (0.18 to 0.29) | 0.23 (0.21 to 0.25) |
| <i>Uzbekistan</i> | 11.4 (11.3 to 11.4) | 6.9 (6.76 to 7.05) | 7.88 (7.32 to 8.5) | 8.73 (7.96 to 9.4) | 5.36 (4.91 to 5.78) | 6.09 (5.43 to 6.78) | 0.23 (0.18 to 0.3) | 0.22 (0.18 to 0.27) | 0.23 (0.2 to 0.26) |
| Central Europe | 9.97 (9.93 to 10) | 10.9 (10.9 to 11) | 12.3 (11.7 to 13.1) | 7.2 (6.43 to 7.88) | 7.91 (7.09 to 8.65) | 8.9 (7.86 to 9.93) | 0.28 (0.21 to 0.35) | 0.28 (0.21 to 0.35) | 0.28 (0.24 to 0.33) |
| <i>Albania</i> | 10.1 (10 to 10.3) | 11.9 (11.8 to 12.1) | 12.8 (11.3 to 14.3) | 7.56 (6.85 to 8.21) | 8.93 (8.1 to 9.69) | 9.57 (8.22 to 11) | 0.25 (0.2 to 0.32) | 0.25 (0.2 to 0.31) | 0.25 (0.23 to 0.27) |
| <i>Bosnia and Herzegovina</i> | 11.1 (11 to 11.2) | 10.8 (10.7 to 10.9) | 11.9 (10.7 to 13.1) | 8.09 (7.28 to 8.83) | 7.82 (7 to 8.54) | 8.51 (7.32 to 9.76) | 0.27 (0.21 to 0.34) | 0.28 (0.22 to 0.34) | 0.28 (0.26 to 0.31) |
| <i>Bulgaria</i> | 9.42 (9.19 to 9.67) | 9.56 (9.33 to 9.8) | 10.6 (9.54 to 11.7) | 6.93 (6.2 to 7.58) | 7.06 (6.37 to 7.71) | 7.8 (6.77 to 8.91) | 0.26 (0.22 to 0.33) | 0.26 (0.21 to 0.32) | 0.26 (0.24 to 0.29) |
| <i>Croatia</i> | 9.79 (9.45 to 10.1) | 10.9 (10.8 to 11) | 12.7 (11.5 to 13.9) | 6.99 (6.22 to 7.75) | 7.74 (6.86 to 8.52) | 8.95 (7.72 to 10.2) | 0.29 (0.23 to 0.34) | 0.29 (0.23 to 0.36) | 0.26 (0.26 to 0.33) |
| <i>Czechia</i> | 9.17 (9.11 to 9.22) | 11.6 (11.5 to 11.7) | 13.3 (12.2 to 14.4) | 6.56 (5.86 to 7.2) | 8.14 (7.18 to 8.98) | 9.29 (8.01 to 10.5) | 0.28 (0.22 to 0.36) | 0.3 (0.23 to 0.38) | 0.3 (0.27 to 0.35) |
| <i>Hungary</i> | 9.61 (9.56 to 9.66) | 10.7 (10.7 to 10.8) | 12.3 (11.2 to 13.3) | 6.8 (6.03 to 7.48) | 7.57 (6.74 to 8.34) | 8.7 (7.54 to 9.85) | 0.29 (0.23 to 0.37) | 0.29 (0.23 to 0.37) | 0.29 (0.26 to 0.33) |
| <i>Montenegro</i> | 11.7 (11.4 to 12) | 10.8 (10.6 to 11.1) | 11.1 (10.3 to 12) | 8.6 (7.73 to 9.43) | 7.98 (7.14 to 8.74) | 8.14 (7.11 to 9.17) | 0.27 (0.22 to 0.32) | 0.26 (0.21 to 0.32) | 0.27 (0.24 to 0.31) |
| <i>North Macedonia</i> | 10.2 (10 to 10.4) | 9.5 (9.31 to 9.69) | 10.3 (9.31 to 11.3) | 7.5 (6.74 to 8.2) | 6.97 (6.23 to 7.63) | 7.51 (6.49 to 8.59) | 0.27 (0.21 to 0.33) | 0.27 (0.21 to 0.33) | 0.27 (0.24 to 0.3) |
| <i>Poland</i> | 10 (9.98 to 10) | 11.6 (11.6 to 11.6) | 13 (11.8 to 14.4) | 7.18 (6.42 to 7.86) | 8.39 (7.52 to 9.19) | 9.43 (8.14 to 10.8) | 0.28 (0.22 to 0.36) | 0.28 (0.21 to 0.35) | 0.28 (0.25 to 0.31) |
| <i>Romania</i> | 10.3 (10.3 to 10.4) | 10.9 (10.8 to 10.9) | 12 (11 to 13) | 7.51 (6.74 to 8.19) | 8.01 (7.22 to 8.71) | 8.81 (7.7 to 9.91) | 0.27 (0.21 to 0.34) | 0.26 (0.2 to 0.33) | 0.27 (0.24 to 0.3) |
| <i>Serbia</i> | 10.8 (10.7 to 10.8) | 10.1 (10 to 10.1) | 11.5 (10.5 to 12.5) | 7.86 (7.07 to 8.6) | 7.38 (6.64 to 8.05) | 8.31 (7.22 to 9.46) | 0.27 (0.21 to 0.34) | 0.27 (0.21 to 0.34) | 0.28 (0.25 to 0.31) |
| <i>Slovakia</i> | 9.95 (9.87 to 10) | 10.8 (10.7 to 10.9) | 12.5 (11.3 to 13.8) | 7.19 (6.42 to 7.87) | 7.76 (6.91 to 8.52) | 8.99 (7.75 to 10.3) | 0.28 (0.22 to 0.35) | 0.28 (0.22 to 0.35) | 0.28 (0.25 to 0.31) |
| <i>Slovenia</i> | 10.8 (9.54 to 12.3) | 12.5 (12.3 to 12.7) | 14.3 (12.8 to 15.6) | 7.63 (6.43 to 8.91) | 8.74 (7.72 to 9.68) | 10.2 (8.66 to 11.6) | 0.3 (0.27 to 0.33) | 0.3 (0.24 to 0.37) | 0.29 (0.25 to 0.33) |
| Eastern Europe | 9.9 (9.88 to 9.91) | 9.29 (9.28 to 9.3) | 11.6 (10.8 to 12.3) | 7.17 (6.4 to 7.83) | 6.78 (6.07 to 7.39) | 8.49 (7.41 to 9.42) | 0.28 (0.21 to 0.35) | 0.27 (0.21 to 0.35) | 0.26 (0.24 to 0.32) |
| <i>Belarus</i> | 10.6 (10.6 to 10.7) | 9.31 (9.26 to 9.36) | 10.8 (9.53 to 12.1) | 7.81 (7.01 to 8.52) | 6.8 (6.1 to 7.42) | 7.95 (6.72 to 9.21) | 0.27 (0.2 to 0.34) | 0.27 (0.21 to 0.34) | 0.26 (0.24 to 0.3) |
| <i>Estonia</i> | 9.76 (9.63 to 9.89) | 10.7 (10.6 to 10.9) | 13.1 (11.9 to 14.5) | 7.15 (6.39 to 7.81) | 7.85 (7.04 to 8.57) | 9.66 (8.36 to 11.1) | 0.27 (0.21 to 0.34) | 0.27 (0.21 to 0.33) | 0.26 (0.24 to 0.3) |
| <i>Latvia</i> | 10.1 (9.94 to 10.2) | 10.1 (10 to 10.2) | 12.3 (11.1 to 13.6) | 7.27 (6.49 to 7.97) | 7.36 (6.56 to 8.06) | 9.03 (7.79 to 10.3) | 0.28 (0.22 to 0.35) | 0.27 (0.21 to 0.34) | 0.27 (0.24 to 0.3) |
| <i>Lithuania</i> | 10.9 (10.8 to 11) | 10.8 (10.7 to 10.9) | 12.5 (11.5 to 13.6) | 7.86 (7 to 8.62) | 7.78 (6.96 to 8.53) | 9.13 (7.95 to 10.3) | 0.28 (0.22 to 0.35) | 0.28 (0.22 to 0.35) | 0.27 (0.24 to 0.31) |
| <i>Republic of Moldova</i> | 10.1 (9.97 to 10.1) | 9.88 (9.8 to 9.96) | 12.4 (11.7 to 13.1) | 7.38 (6.62 to 8.03) | 7.33 (6.62 to 7.97) | 9.17 (8.16 to 10.2) | 0.27 (0.21 to 0.34) | 0.26 (0.2 to 0.32) | 0.26 (0.22 to 0.3) |
| <i>Russian Federation</i> | 9.7 (9.69 to 9.72) | 9.15 (9.14 to 9.16) | 11.6 (10.6 to 12.7) | 7 (6.24 to 7.66) | 6.65 (5.92 to 7.27) | 8.52 (7.32 to 9.62) | 0.28 (0.21 to 0.36) | 0.27 (0.21 to 0.35) | 0.27 (0.24 to 0.31) |
| <i>Ukraine</i> | 10.1 (10.1 to 10.1) | 9.46 (9.44 to 9.48) | 11.3 (10.3 to 12.3) | 7.34 (6.58 to 8) | 6.97 (6.27 to 7.57) | 8.37 (7.33 to 9.46) | 0.27 (0.21 to 0.35) | 0.26 (0.2 to 0.34) | 0.26 (0.23 to 0.29) |
| High-income | 12 (12 to 12) | 13.9 (13.9 to 13.9) | 15.2 (15.2 to 15.3) | 8.7 (7.82 to 9.5) | 10 (9.01 to 11) | 10.9 (9.81 to 12) | 0.28 (0.21 to 0.35) | 0.28 (0.21 to 0.35) | 0.28 (0.22 to 0.35) |
| Australasia | 12 (12 to 12) | 14.6 (14.6 to 14.7) | 15.9 (15.8 to 16) | 8.6 (7.69 to 9.43) | 10.4 (9.25 to 11.4) | 11.3 (10 to 12.4) | 0.28 (0.22 to 0.36) | 0.29 (0.22 to 0.37) | 0.29 (0.23 to 0.36) |
| <i>Australia</i> | 12.1 (12 to 12.1) | 14.7 (14.7 to 14.8) | 16 (15.8 to 16.1) | 8.64 (7.71 to 9.46) | 10.4 (9.27 to 11.4) | 11.3 (10.1 to 12.4) | 0.28 (0.22 to 0.36) | 0.29 (0.23 to 0.37) | 0.29 (0.23 to 0.36) |

Supplementary Table 7: Life expectancy, Health-adjusted life expectancy, and proportion of years spent in ill health in all reporting locations, in 1990, 2005, 2019, Males

| location | LE-70 | | | HALE-70 | | | PYIH-70 | | |
|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 |
| New Zealand | 11.7 (11.6 to 11.8) | 14.2 (14.1 to 14.3) | 15.5 (15.3 to 15.6) | 8.42 (7.52 to 9.23) | 10.2 (9.12 to 11.2) | 11 (9.85 to 12.1) | 0.28 (0.22 to 0.35) | 0.28 (0.22 to 0.35) | 0.29 (0.22 to 0.36) |
| High-income Asia Pacific | 12.6 (12.6 to 12.6) | 14.6 (14.5 to 14.6) | 16.3 (16.2 to 16.4) | 9.36 (8.49 to 10.1) | 10.8 (9.82 to 11.7) | 12.2 (11.1 to 13.2) | 0.26 (0.2 to 0.32) | 0.26 (0.2 to 0.32) | 0.25 (0.2 to 0.32) |
| Brunei Darussalam | 7.1 (6.82 to 7.41) | 9.2 (8.79 to 9.59) | 9.72 (9.16 to 10.3) | 5.06 (4.51 to 5.61) | 6.52 (5.76 to 7.27) | 7.01 (6.17 to 7.81) | 0.29 (0.24 to 0.34) | 0.29 (0.24 to 0.34) | 0.28 (0.24 to 0.33) |
| Japan | 13 (13 to 13) | 14.8 (14.8 to 14.8) | 16.5 (16.4 to 16.6) | 9.66 (8.76 to 10.5) | 11 (10 to 11.9) | 12.3 (11.2 to 13.3) | 0.26 (0.2 to 0.32) | 0.26 (0.2 to 0.32) | 0.25 (0.2 to 0.31) |
| Republic of Korea | 9.89 (9.87 to 9.92) | 12.8 (12.8 to 12.9) | 15.1 (14.9 to 15.4) | 7.35 (6.66 to 7.97) | 9.48 (8.6 to 10.3) | 11.2 (10.2 to 12.2) | 0.26 (0.2 to 0.32) | 0.26 (0.2 to 0.33) | 0.26 (0.21 to 0.32) |
| Singapore | 11.3 (11.2 to 11.4) | 14.5 (14.4 to 14.5) | 16.7 (16.6 to 16.9) | 8.42 (7.65 to 9.12) | 10.8 (9.81 to 11.7) | 12.7 (11.6 to 13.7) | 0.25 (0.2 to 0.32) | 0.25 (0.2 to 0.32) | 0.24 (0.19 to 0.3) |
| High-income North America | 12.4 (12.4 to 12.4) | 13.9 (13.9 to 13.9) | 14.8 (14.7 to 14.8) | 8.5 (7.51 to 9.4) | 9.47 (8.39 to 10.5) | 9.81 (8.59 to 10.9) | 0.31 (0.24 to 0.39) | 0.32 (0.25 to 0.39) | 0.34 (0.26 to 0.42) |
| Canada | 12.4 (12.3 to 12.4) | 14.4 (14.4 to 14.4) | 15.8 (15.7 to 15.9) | 8.98 (8.06 to 9.81) | 10.5 (9.46 to 11.4) | 11.3 (10.1 to 12.4) | 0.27 (0.21 to 0.35) | 0.27 (0.21 to 0.34) | 0.28 (0.22 to 0.35) |
| Greenland | 9.78 (9.46 to 10.2) | 11.2 (10.9 to 11.5) | 12 (11.4 to 13) | 6.76 (6 to 7.53) | 7.91 (7.03 to 8.74) | 8.39 (7.38 to 9.53) | 0.31 (0.26 to 0.37) | 0.29 (0.24 to 0.36) | 0.3 (0.27 to 0.35) |
| United States of America | 12.4 (12.4 to 12.4) | 13.8 (13.8 to 13.8) | 14.6 (14.6 to 14.7) | 8.45 (7.46 to 9.36) | 9.35 (8.27 to 10.3) | 9.63 (8.42 to 10.8) | 0.32 (0.25 to 0.4) | 0.32 (0.25 to 0.4) | 0.34 (0.27 to 0.42) |
| Southern Latin America | 11.3 (11.3 to 11.3) | 12.3 (12.3 to 12.3) | 13.1 (13 to 13.3) | 8.57 (7.81 to 9.25) | 9.22 (8.35 to 9.99) | 9.79 (8.84 to 10.6) | 0.24 (0.18 to 0.31) | 0.25 (0.19 to 0.32) | 0.25 (0.2 to 0.32) |
| Argentina | 11.2 (11.2 to 11.2) | 12 (11.9 to 12) | 12.5 (12.4 to 12.6) | 8.51 (7.76 to 9.18) | 9.01 (8.18 to 9.76) | 9.39 (8.53 to 10.2) | 0.24 (0.18 to 0.3) | 0.25 (0.19 to 0.31) | 0.25 (0.19 to 0.31) |
| Chile | 11.8 (11.7 to 11.8) | 13.4 (13.3 to 13.4) | 14.8 (14.6 to 14.9) | 8.82 (7.99 to 9.55) | 9.9 (8.94 to 10.8) | 10.9 (9.78 to 11.8) | 0.25 (0.19 to 0.32) | 0.26 (0.2 to 0.33) | 0.27 (0.21 to 0.33) |
| Uruguay | 11.2 (11.2 to 11.3) | 11.9 (11.8 to 12) | 13 (12.8 to 13.2) | 8.5 (7.73 to 9.19) | 9 (8.19 to 9.71) | 9.67 (8.76 to 10.5) | 0.24 (0.19 to 0.31) | 0.25 (0.19 to 0.31) | 0.26 (0.2 to 0.32) |
| Western Europe | 11.7 (11.7 to 11.7) | 13.7 (13.7 to 13.7) | 15.1 (15.1 to 15.2) | 8.65 (7.83 to 9.4) | 10.1 (9.12 to 11) | 11.2 (10.1 to 12.1) | 0.26 (0.19 to 0.33) | 0.26 (0.2 to 0.33) | 0.26 (0.2 to 0.33) |
| Andorra | 13.1 (11.7 to 14.3) | 14.5 (13.5 to 15.4) | 15.2 (14.1 to 16.5) | 9.85 (8.49 to 11.1) | 10.8 (9.5 to 11.9) | 11.3 (10 to 12.7) | 0.25 (0.22 to 0.27) | 0.26 (0.22 to 0.3) | 0.26 (0.23 to 0.29) |
| Austria | 11.5 (11.4 to 11.5) | 13.6 (13.5 to 13.6) | 15.2 (15.1 to 15.3) | 8.41 (7.55 to 9.17) | 9.79 (8.77 to 10.7) | 11.1 (9.88 to 12.1) | 0.27 (0.21 to 0.34) | 0.28 (0.21 to 0.35) | 0.27 (0.21 to 0.35) |
| Belgium | 11.2 (11.2 to 11.3) | 13.2 (13.2 to 13.3) | 14.7 (14.6 to 14.9) | 8.27 (7.47 to 9) | 9.66 (8.67 to 10.5) | 10.7 (9.62 to 11.7) | 0.26 (0.2 to 0.33) | 0.27 (0.21 to 0.34) | 0.27 (0.21 to 0.34) |
| Cyprus | 11.5 (11.3 to 11.6) | 11.9 (11.7 to 12.1) | 14.1 (13.5 to 14.6) | 8.58 (7.79 to 9.3) | 8.79 (7.92 to 9.57) | 10.4 (9.33 to 11.4) | 0.25 (0.2 to 0.31) | 0.26 (0.21 to 0.32) | 0.26 (0.22 to 0.31) |
| Denmark | 11.2 (11.2 to 11.3) | 12.8 (12.7 to 12.9) | 14.6 (14.4 to 14.7) | 8.41 (7.64 to 9.11) | 9.62 (8.75 to 10.4) | 10.9 (9.91 to 11.8) | 0.25 (0.19 to 0.32) | 0.25 (0.19 to 0.31) | 0.25 (0.2 to 0.31) |
| Finland | 11.1 (11 to 11.2) | 13.5 (13.5 to 13.6) | 15.1 (14.9 to 15.3) | 8.17 (7.36 to 8.89) | 9.75 (8.71 to 10.7) | 11.1 (9.92 to 12.1) | 0.26 (0.2 to 0.33) | 0.28 (0.21 to 0.35) | 0.27 (0.21 to 0.33) |
| France | 12.3 (12.3 to 12.3) | 14.3 (14.2 to 14.3) | 16 (15.8 to 16.1) | 9.29 (8.43 to 10.1) | 10.8 (9.81 to 11.7) | 12.1 (11 to 13) | 0.25 (0.18 to 0.31) | 0.24 (0.18 to 0.31) | 0.24 (0.19 to 0.31) |
| Germany | 11.1 (11.1 to 11.1) | 13.6 (13.6 to 13.7) | 14.6 (14.5 to 14.7) | 8.28 (7.51 to 8.97) | 10.1 (9.09 to 11) | 10.7 (9.7 to 11.7) | 0.25 (0.19 to 0.32) | 0.26 (0.2 to 0.33) | 0.26 (0.2 to 0.33) |
| Greece | 12.5 (12.4 to 12.6) | 13.8 (13.7 to 13.8) | 14.9 (14.7 to 15) | 9.38 (8.53 to 10.1) | 10.2 (9.22 to 11) | 11.1 (10.1 to 12) | 0.25 (0.19 to 0.31) | 0.26 (0.2 to 0.33) | 0.26 (0.2 to 0.32) |
| Iceland | 12.9 (12.6 to 13.2) | 14.5 (14.2 to 14.8) | 16.1 (15.6 to 16.6) | 9.69 (8.83 to 10.5) | 10.7 (9.59 to 11.6) | 12 (10.8 to 13.1) | 0.25 (0.2 to 0.3) | 0.26 (0.21 to 0.32) | 0.26 (0.21 to 0.31) |
| Ireland | 10.5 (10.4 to 10.5) | 12.9 (12.8 to 13) | 14.9 (14.7 to 15.1) | 7.89 (7.2 to 8.54) | 9.59 (8.69 to 10.4) | 11.1 (10 to 12) | 0.25 (0.19 to 0.31) | 0.26 (0.2 to 0.32) | 0.26 (0.21 to 0.32) |
| Israel | 13 (12.9 to 13.1) | 14.5 (14.4 to 14.6) | 16 (15.8 to 16.1) | 9.93 (9.05 to 10.7) | 10.8 (9.82 to 11.7) | 12.1 (11 to 13) | 0.24 (0.18 to 0.3) | 0.25 (0.19 to 0.32) | 0.24 (0.19 to 0.3) |
| Italy | 12.1 (12.1 to 12.1) | 13.8 (13.8 to 13.9) | 15.4 (15.3 to 15.5) | 8.74 (7.83 to 9.57) | 9.93 (8.87 to 10.9) | 11.2 (10 to 12.2) | 0.28 (0.21 to 0.35) | 0.28 (0.21 to 0.36) | 0.28 (0.21 to 0.35) |
| Luxembourg | 10.9 (10.7 to 11.1) | 13.2 (13 to 13.4) | 15.7 (15 to 16.4) | 8.12 (7.35 to 8.82) | 9.7 (8.74 to 10.6) | 11.5 (10.2 to 12.7) | 0.25 (0.2 to 0.31) | 0.27 (0.22 to 0.33) | 0.27 (0.23 to 0.32) |
| Malta | 11.3 (11.1 to 11.5) | 13 (12.7 to 13.2) | 15.3 (14.8 to 15.8) | 8.46 (7.69 to 9.16) | 9.65 (8.75 to 10.5) | 11.3 (10.2 to 12.4) | 0.25 (0.2 to 0.31) | 0.26 (0.21 to 0.31) | 0.26 (0.21 to 0.31) |
| Monaco | 12.5 (11.8 to 13.6) | 13.4 (12.8 to 14.5) | 14.3 (13.8 to 15) | 9.43 (8.44 to 10.5) | 10.1 (8.99 to 11.2) | 10.6 (9.6 to 11.7) | 0.25 (0.23 to 0.28) | 0.25 (0.22 to 0.3) | 0.26 (0.22 to 0.3) |
| Netherlands | 11.3 (11.3 to 11.4) | 12.9 (12.9 to 13) | 14.7 (14.5 to 14.8) | 8.48 (7.73 to 9.18) | 9.62 (8.77 to 10.4) | 10.8 (9.86 to 11.7) | 0.25 (0.19 to 0.31) | 0.26 (0.2 to 0.32) | 0.26 (0.21 to 0.32) |
| Norway | 11.7 (11.6 to 11.8) | 13.6 (13.5 to 13.7) | 15.5 (15.3 to 15.7) | 8.41 (7.5 to 9.22) | 9.78 (8.73 to 10.7) | 11.1 (9.88 to 12.1) | 0.28 (0.22 to 0.35) | 0.28 (0.22 to 0.35) | 0.29 (0.22 to 0.36) |
| Portugal | 11 (11 to 11.1) | 13.1 (13 to 13.2) | 14.8 (14.6 to 14.9) | 8.15 (7.37 to 8.86) | 9.66 (8.73 to 10.5) | 11 (9.95 to 11.9) | 0.26 (0.2 to 0.33) | 0.26 (0.2 to 0.33) | 0.25 (0.2 to 0.32) |
| San Marino | 13.4 (12.8 to 14.2) | 14.7 (13.4 to 16.2) | 15.2 (13.5 to 17.6) | 10.1 (9.03 to 11) | 11 (9.58 to 12.4) | 11.4 (9.67 to 13.4) | 0.25 (0.22 to 0.29) | 0.25 (0.23 to 0.29) | 0.25 (0.24 to 0.28) |
| Spain | 12.2 (12.2 to 12.3) | 13.9 (13.8 to 13.9) | 15.5 (15.4 to 15.6) | 9.01 (8.15 to 9.81) | 10.2 (9.28 to 11.1) | 11.5 (10.4 to 12.4) | 0.26 (0.2 to 0.33) | 0.26 (0.2 to 0.33) | 0.26 (0.2 to 0.32) |
| Sweden | 12.2 (12.2 to 12.3) | 14 (13.9 to 14.1) | 15.6 (15.4 to 15.7) | 9.17 (8.3 to 9.93) | 10.4 (9.42 to 11.3) | 11.6 (10.5 to 12.5) | 0.25 (0.19 to 0.32) | 0.26 (0.2 to 0.32) | 0.26 (0.2 to 0.32) |
| Switzerland | 12.4 (12.4 to 12.5) | 14.7 (14.6 to 14.7) | 16.3 (16.2 to 16.5) | 9.09 (8.19 to 9.91) | 10.8 (9.72 to 11.7) | 12.1 (10.9 to 13.2) | 0.27 (0.21 to 0.34) | 0.26 (0.2 to 0.33) | 0.26 (0.2 to 0.33) |
| United Kingdom | 11.2 (11.1 to 11.2) | 13.5 (13.4 to 13.5) | 14.7 (14.6 to 14.8) | 8.29 (7.52 to 8.99) | 9.86 (8.88 to 10.7) | 10.7 (9.64 to 11.7) | 0.26 (0.2 to 0.33) | 0.27 (0.2 to 0.34) | 0.27 (0.21 to 0.34) |
| Latin America and Caribbean | 12.3 (12.2 to 12.4) | 13.6 (13.5 to 13.7) | 14.1 (13.6 to 14.7) | 8.98 (8.05 to 9.81) | 9.98 (8.97 to 10.9) | 10.3 (9.24 to 11.4) | 0.27 (0.21 to 0.34) | 0.27 (0.21 to 0.34) | 0.27 (0.23 to 0.32) |
| Andean Latin America | 12.9 (12.4 to 13.3) | 14.3 (13.8 to 14.9) | 14.9 (13.8 to 16.1) | 9.7 (8.71 to 10.6) | 10.8 (9.66 to 11.7) | 11.1 (9.8 to 12.5) | 0.25 (0.2 to 0.3) | 0.25 (0.21 to 0.3) | 0.25 (0.23 to 0.29) |
| Bolivia (Plurinational State of) | 10.2 (9.73 to 10.7) | 11.6 (11 to 12.1) | 11.5 (10.7 to 12.6) | 7.62 (6.81 to 8.42) | 8.64 (7.71 to 9.49) | 8.6 (7.48 to 9.8) | 0.26 (0.22 to 0.3) | 0.26 (0.21 to 0.3) | 0.25 (0.22 to 0.3) |

Supplementary Table 7: Life expectancy, Health-adjusted life expectancy, and proportion of years spent in ill health in all reporting locations, in 1990, 2005, 2019, Males

| location | LE-70 | | | HALE-70 | | | PYIH-70 | | |
|------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 |
| Ecuador | 13.6 (13.5 to 13.7) | 13.7 (13.1 to 14.3) | 13.9 (12.6 to 15.2) | 10.2 (9.3 to 11.1) | 10.2 (9.16 to 11.2) | 10.3 (8.91 to 11.7) | 0.25 (0.19 to 0.31) | 0.26 (0.22 to 0.3) | 0.26 (0.23 to 0.29) |
| Peru | 13.3 (12.5 to 14.1) | 15.6 (14.8 to 16.6) | 16.5 (14.7 to 18.3) | 10.1 (8.96 to 11.2) | 11.8 (10.5 to 13.1) | 12.4 (10.6 to 14.2) | 0.24 (0.21 to 0.28) | 0.25 (0.21 to 0.28) | 0.25 (0.23 to 0.28) |
| Caribbean | 12.5 (12.3 to 12.6) | 13.2 (12.9 to 13.4) | 13.5 (12.7 to 14.4) | 9.38 (8.52 to 10.2) | 9.85 (8.92 to 10.7) | 9.97 (8.84 to 11.1) | 0.25 (0.19 to 0.31) | 0.25 (0.2 to 0.31) | 0.26 (0.23 to 0.3) |
| Antigua and Barbuda | 11.1 (10.8 to 11.3) | 13.1 (12.7 to 13.5) | 12.8 (12 to 13.6) | 8.41 (7.65 to 9.12) | 9.81 (8.81 to 10.7) | 9.51 (8.42 to 10.6) | 0.24 (0.2 to 0.29) | 0.25 (0.21 to 0.31) | 0.26 (0.22 to 0.3) |
| Bahamas | 11.4 (11 to 11.8) | 12.9 (12.5 to 13.3) | 12.9 (11.8 to 14) | 8.68 (7.86 to 9.44) | 9.71 (8.77 to 10.6) | 9.72 (8.47 to 10.9) | 0.24 (0.2 to 0.29) | 0.24 (0.2 to 0.3) | 0.25 (0.22 to 0.28) |
| Barbados | 12.1 (11.9 to 12.4) | 12.7 (12.4 to 12.9) | 13 (12.2 to 14) | 9.29 (8.43 to 10.1) | 9.63 (8.71 to 10.4) | 9.78 (8.65 to 10.9) | 0.23 (0.19 to 0.29) | 0.24 (0.19 to 0.3) | 0.25 (0.22 to 0.29) |
| Belize | 13.8 (13.4 to 14.3) | 13.1 (12.8 to 13.4) | 14 (13.3 to 14.8) | 10.6 (9.6 to 11.5) | 9.95 (8.99 to 10.8) | 10.6 (9.47 to 11.7) | 0.23 (0.19 to 0.28) | 0.24 (0.19 to 0.3) | 0.24 (0.21 to 0.29) |
| Bermuda | 10.1 (9.97 to 10.3) | 13 (12.5 to 13.5) | 14 (13.1 to 14.7) | 7.74 (7.07 to 8.36) | 9.8 (8.81 to 10.7) | 10.4 (9.26 to 11.5) | 0.24 (0.19 to 0.29) | 0.25 (0.2 to 0.29) | 0.25 (0.22 to 0.29) |
| Cuba | 12.9 (12.8 to 13) | 13.6 (13.5 to 13.7) | 13.9 (12.8 to 15.2) | 9.67 (8.75 to 10.5) | 10.2 (9.16 to 11) | 10.2 (8.92 to 11.5) | 0.25 (0.19 to 0.32) | 0.25 (0.2 to 0.32) | 0.27 (0.24 to 0.3) |
| Dominica | 10.5 (10.2 to 10.9) | 11.2 (10.5 to 11.8) | 11.3 (10.4 to 12.1) | 7.94 (7.13 to 8.65) | 8.26 (7.33 to 9.16) | 8.29 (7.21 to 9.35) | 0.24 (0.21 to 0.3) | 0.26 (0.23 to 0.3) | 0.27 (0.23 to 0.3) |
| Dominican Republic | 14.6 (13.9 to 15.3) | 13.4 (12.6 to 14.4) | 12.9 (11.7 to 14.2) | 11.1 (10 to 12.2) | 10.3 (9.09 to 11.3) | 9.82 (8.51 to 11.2) | 0.24 (0.2 to 0.28) | 0.24 (0.21 to 0.28) | 0.24 (0.21 to 0.27) |
| Grenada | 9.68 (9.31 to 10.1) | 8.1 (7.87 to 8.34) | 11.1 (10.8 to 11.5) | 7.32 (6.57 to 8.02) | 6 (5.41 to 6.57) | 8.12 (7.25 to 8.93) | 0.24 (0.2 to 0.29) | 0.26 (0.21 to 0.31) | 0.27 (0.22 to 0.33) |
| Guyana | 8.58 (7.97 to 9.3) | 10.2 (9.5 to 10.9) | 10.5 (9.36 to 11.8) | 6.36 (5.61 to 7.09) | 7.52 (6.6 to 8.42) | 7.7 (6.57 to 8.94) | 0.26 (0.24 to 0.3) | 0.26 (0.23 to 0.3) | 0.27 (0.24 to 0.3) |
| Haiti | 9.09 (8.73 to 9.59) | 10.5 (9.63 to 11.5) | 10.8 (9.56 to 12) | 6.83 (6.1 to 7.55) | 7.84 (6.9 to 8.87) | 8.06 (6.86 to 9.25) | 0.25 (0.21 to 0.3) | 0.25 (0.23 to 0.28) | 0.25 (0.23 to 0.28) |
| Jamaica | 13.6 (13.4 to 13.8) | 14.6 (14.3 to 15) | 13.4 (12.1 to 14.8) | 10.3 (9.43 to 11.2) | 11 (9.86 to 12) | 9.98 (8.69 to 11.4) | 0.24 (0.19 to 0.29) | 0.25 (0.2 to 0.31) | 0.26 (0.23 to 0.28) |
| Puerto Rico | 12.8 (12.7 to 13) | 14.4 (14.2 to 14.6) | 16.1 (14.5 to 17.7) | 9.6 (8.68 to 10.4) | 10.6 (9.5 to 11.5) | 11.7 (10.1 to 13.4) | 0.25 (0.2 to 0.32) | 0.27 (0.21 to 0.33) | 0.27 (0.24 to 0.3) |
| Saint Kitts and Nevis | 8.89 (8.55 to 9.28) | 10.5 (10.2 to 10.8) | 10.8 (10.4 to 11) | 6.69 (6.02 to 7.32) | 7.74 (6.96 to 8.49) | 7.84 (6.99 to 8.6) | 0.25 (0.21 to 0.3) | 0.26 (0.21 to 0.32) | 0.27 (0.22 to 0.33) |
| Saint Lucia | 10.3 (10.1 to 10.6) | 12.2 (11.9 to 12.4) | 12.4 (11.6 to 13.2) | 7.68 (6.91 to 8.41) | 8.95 (8.03 to 9.81) | 9.11 (8.02 to 10.2) | 0.25 (0.2 to 0.31) | 0.26 (0.21 to 0.32) | 0.27 (0.23 to 0.31) |
| Saint Vincent and the Grenadines | 11 (10.6 to 11.3) | 12.7 (12.4 to 13) | 12 (11.5 to 12.6) | 8.26 (7.47 to 9.05) | 9.47 (8.53 to 10.3) | 8.92 (7.92 to 9.84) | 0.25 (0.2 to 0.3) | 0.25 (0.2 to 0.31) | 0.26 (0.22 to 0.31) |
| Suriname | 12.2 (12 to 12.5) | 12 (11.8 to 12.3) | 12.8 (11.9 to 13.9) | 9.2 (8.33 to 9.98) | 8.95 (8.04 to 9.78) | 9.42 (8.26 to 10.6) | 0.25 (0.2 to 0.3) | 0.26 (0.2 to 0.32) | 0.27 (0.24 to 0.3) |
| Trinidad and Tobago | 10.6 (10.4 to 10.8) | 12.2 (12 to 12.4) | 13.2 (11.6 to 14.9) | 7.95 (7.19 to 8.62) | 9.02 (8.15 to 9.85) | 9.73 (8.24 to 11.3) | 0.25 (0.2 to 0.31) | 0.26 (0.2 to 0.32) | 0.26 (0.24 to 0.29) |
| United States Virgin Islands | 12.2 (11.5 to 13) | 12.3 (11.7 to 13) | 11.1 (10.9 to 11.6) | 9.33 (8.38 to 10.3) | 9.27 (8.31 to 10.1) | 8.24 (7.4 to 9.06) | 0.24 (0.21 to 0.27) | 0.25 (0.22 to 0.29) | 0.26 (0.22 to 0.32) |
| Central Latin America | 12.9 (12.8 to 13) | 14 (13.9 to 14) | 14.5 (13.7 to 15.3) | 9.33 (8.35 to 10.2) | 10.2 (9.21 to 11.2) | 10.5 (9.3 to 11.7) | 0.28 (0.21 to 0.35) | 0.27 (0.2 to 0.34) | 0.27 (0.23 to 0.32) |
| Colombia | 13.2 (13.2 to 13.3) | 15.1 (15 to 15.1) | 16.5 (14.8 to 18.3) | 9.67 (8.66 to 10.6) | 11 (9.91 to 12) | 12.2 (10.5 to 13.9) | 0.27 (0.2 to 0.34) | 0.27 (0.2 to 0.34) | 0.26 (0.24 to 0.29) |
| Costa Rica | 14 (13.8 to 14.2) | 15.2 (15 to 15.4) | 15.4 (13.9 to 16.9) | 10.3 (9.27 to 11.2) | 11.2 (10.1 to 12.2) | 11.2 (9.73 to 12.9) | 0.26 (0.21 to 0.33) | 0.26 (0.21 to 0.33) | 0.27 (0.24 to 0.3) |
| El Salvador | 14.2 (14 to 14.3) | 13.7 (13.6 to 13.8) | 14.3 (12.8 to 16) | 10.4 (9.32 to 11.3) | 10 (8.99 to 11) | 10.4 (8.88 to 12) | 0.27 (0.21 to 0.34) | 0.27 (0.21 to 0.34) | 0.27 (0.25 to 0.3) |
| Guatemala | 10.1 (9.38 to 10.9) | 11.8 (11.2 to 12.6) | 13.1 (12 to 14.2) | 7.5 (6.57 to 8.44) | 8.68 (7.74 to 9.63) | 9.55 (8.31 to 10.8) | 0.26 (0.23 to 0.3) | 0.27 (0.23 to 0.31) | 0.27 (0.24 to 0.3) |
| Honduras | 13.1 (12.2 to 14.1) | 13.2 (11.9 to 14.8) | 11.3 (11.1 to 11.6) | 9.73 (8.57 to 10.9) | 9.8 (8.4 to 11.3) | 8.4 (7.54 to 9.2) | 0.26 (0.23 to 0.3) | 0.26 (0.24 to 0.29) | 0.26 (0.21 to 0.32) |
| Mexico | 12.9 (12.9 to 12.9) | 14 (14 to 14) | 14.2 (13.5 to 15) | 9.2 (8.2 to 10.1) | 10.2 (9.2 to 11.2) | 10.2 (9.08 to 11.4) | 0.29 (0.22 to 0.36) | 0.27 (0.21 to 0.34) | 0.28 (0.24 to 0.33) |
| Nicaragua | 12.2 (12 to 12.4) | 11.2 (11 to 11.3) | 11.5 (10.6 to 12.6) | 9.04 (8.12 to 9.86) | 8.34 (7.54 to 9.04) | 8.52 (7.41 to 9.7) | 0.26 (0.21 to 0.33) | 0.25 (0.2 to 0.31) | 0.26 (0.23 to 0.3) |
| Panama | 14.7 (14.5 to 15) | 15.2 (14.9 to 15.4) | 16.1 (14.5 to 17.7) | 10.8 (9.77 to 11.8) | 11.2 (10.1 to 12.2) | 11.8 (10.2 to 13.4) | 0.26 (0.21 to 0.32) | 0.26 (0.21 to 0.32) | 0.27 (0.24 to 0.3) |
| Venezuela (Bolivarian Republic of) | 12.9 (12.8 to 13) | 12.9 (12.9 to 13) | 13.4 (11.8 to 15) | 9.52 (8.58 to 10.3) | 9.61 (8.67 to 10.4) | 9.91 (8.44 to 11.5) | 0.26 (0.2 to 0.33) | 0.26 (0.2 to 0.33) | 0.26 (0.24 to 0.28) |
| Tropical Latin America | 11.6 (11.5 to 11.7) | 13.2 (13 to 13.3) | 14 (13.7 to 14.2) | 8.34 (7.46 to 9.15) | 9.56 (8.57 to 10.5) | 10.2 (9.16 to 11.1) | 0.28 (0.22 to 0.35) | 0.27 (0.21 to 0.34) | 0.27 (0.22 to 0.33) |
| Brazil | 11.5 (11.4 to 11.6) | 13.1 (13 to 13.2) | 14 (13.7 to 14.2) | 8.28 (7.4 to 9.09) | 9.53 (8.54 to 10.4) | 10.2 (9.15 to 11.1) | 0.28 (0.22 to 0.35) | 0.27 (0.21 to 0.34) | 0.27 (0.22 to 0.33) |
| Paraguay | 14.6 (13.8 to 15.2) | 14.1 (13.4 to 14.8) | 13.7 (12.2 to 15.4) | 10.9 (9.73 to 12) | 10.5 (9.45 to 11.6) | 10.2 (8.75 to 11.8) | 0.25 (0.21 to 0.3) | 0.25 (0.21 to 0.29) | 0.26 (0.23 to 0.28) |
| North Africa and Middle East | 10.9 (10.6 to 11.1) | 11.9 (11.6 to 12.2) | 12.6 (12.1 to 13.1) | 8.05 (7.26 to 8.81) | 8.78 (7.94 to 9.61) | 9.19 (8.25 to 10.1) | 0.26 (0.21 to 0.31) | 0.26 (0.21 to 0.32) | 0.27 (0.23 to 0.32) |
| North Africa and Middle East | 10.9 (10.6 to 11.1) | 11.9 (11.6 to 12.2) | 12.6 (12.1 to 13.1) | 8.05 (7.26 to 8.81) | 8.78 (7.94 to 9.61) | 9.19 (8.25 to 10.1) | 0.26 (0.21 to 0.31) | 0.26 (0.21 to 0.32) | 0.27 (0.23 to 0.32) |
| Afghanistan | 8.95 (8.3 to 9.71) | 9.3 (8.67 to 10.1) | 9.95 (9.47 to 10.9) | 6.5 (5.61 to 7.28) | 6.71 (5.84 to 7.57) | 6.99 (6.1 to 7.94) | 0.27 (0.25 to 0.32) | 0.28 (0.25 to 0.33) | 0.3 (0.28 to 0.36) |
| Algeria | 10.3 (9.56 to 11.1) | 12.2 (11.4 to 13.2) | 13.5 (12.6 to 14.5) | 7.8 (6.83 to 8.76) | 9.13 (8.13 to 10.2) | 9.93 (8.75 to 11.1) | 0.25 (0.21 to 0.29) | 0.25 (0.23 to 0.28) | 0.26 (0.23 to 0.3) |
| Bahrain | 8.41 (7.93 to 8.94) | 9.15 (8.62 to 9.66) | 11.8 (10.8 to 12.8) | 6.07 (5.38 to 6.75) | 6.48 (5.7 to 7.27) | 8.27 (7.12 to 9.44) | 0.28 (0.25 to 0.32) | 0.29 (0.25 to 0.34) | 0.3 (0.26 to 0.34) |
| Egypt | 10.3 (10.2 to 10.3) | 10.5 (10.5 to 10.5) | 11.4 (10.2 to 12.8) | 7.79 (7.1 to 8.41) | 7.91 (7.22 to 8.55) | 8.49 (7.31 to 9.77) | 0.24 (0.18 to 0.31) | 0.25 (0.19 to 0.31) | 0.26 (0.24 to 0.28) |
| Iran (Islamic Republic of) | 11.3 (11 to 11.6) | 12.7 (12.6 to 12.9) | 14.1 (13.8 to 14.3) | 8.16 (7.3 to 8.95) | 9.25 (8.31 to 10.1) | 10.2 (9.14 to 11.1) | 0.28 (0.23 to 0.34) | 0.27 (0.22 to 0.34) | 0.28 (0.22 to 0.34) |

Supplementary Table 7: Life expectancy, Health-adjusted life expectancy, and proportion of years spent in ill health in all reporting locations, in 1990, 2005, 2019, Males

| location | LE-70 | | | HALE-70 | | | PYIH-70 | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 |
| Iraq | 11.1 (10.1 to 12.2) | 10.8 (9.75 to 12) | 11.4 (10.9 to 12.6) | 7.81 (6.74 to 8.89) | 7.84 (6.76 to 8.97) | 8.35 (7.42 to 9.42) | 0.3 (0.27 to 0.34) | 0.27 (0.25 to 0.31) | 0.27 (0.25 to 0.32) |
| Jordan | 12.1 (11.3 to 13) | 13.8 (13 to 14.7) | 14.5 (13.3 to 15.9) | 9.01 (8.05 to 10) | 10.2 (8.97 to 11.3) | 10.7 (9.3 to 12.1) | 0.26 (0.23 to 0.29) | 0.26 (0.23 to 0.31) | 0.27 (0.24 to 0.3) |
| Kuwait | 14.9 (14.6 to 15.3) | 14.6 (14.5 to 14.8) | 15.5 (14.3 to 16.7) | 11 (9.91 to 12.1) | 10.6 (9.52 to 11.6) | 11.2 (9.78 to 12.6) | 0.26 (0.21 to 0.32) | 0.27 (0.22 to 0.34) | 0.28 (0.24 to 0.32) |
| Lebanon | 10.8 (10 to 11.5) | 11.9 (11.2 to 12.5) | 12 (11.5 to 12.7) | 7.99 (7.08 to 8.88) | 8.7 (7.72 to 9.64) | 8.6 (7.61 to 9.57) | 0.26 (0.23 to 0.29) | 0.27 (0.23 to 0.31) | 0.29 (0.24 to 0.34) |
| Libya | 13.2 (12.2 to 14.3) | 14.5 (14.2 to 14.8) | 13.9 (12.7 to 15.3) | 9.71 (8.57 to 11) | 10.5 (9.32 to 11.5) | 9.98 (8.61 to 11.4) | 0.27 (0.24 to 0.3) | 0.28 (0.22 to 0.34) | 0.28 (0.25 to 0.32) |
| Morocco | 11 (10.5 to 11.6) | 12.5 (11.2 to 13.7) | 11.3 (10.8 to 12.7) | 8.33 (7.46 to 9.2) | 9.24 (8.02 to 10.5) | 8.32 (7.41 to 9.5) | 0.25 (0.21 to 0.29) | 0.26 (0.23 to 0.29) | 0.26 (0.25 to 0.32) |
| Oman | 8.85 (7.94 to 9.93) | 10.2 (9.93 to 10.5) | 10.2 (9.59 to 10.7) | 6.46 (5.57 to 7.45) | 7.35 (6.54 to 8.08) | 7.3 (6.42 to 8.13) | 0.27 (0.25 to 0.3) | 0.28 (0.23 to 0.34) | 0.28 (0.24 to 0.33) |
| Palestine | 9.62 (8.66 to 10.7) | 10.2 (9.75 to 10.6) | 11.2 (10.5 to 11.8) | 7.15 (6.2 to 8.18) | 7.48 (6.7 to 8.24) | 8.08 (7.14 to 9) | 0.26 (0.24 to 0.28) | 0.26 (0.22 to 0.31) | 0.28 (0.24 to 0.32) |
| Qatar | 9.02 (8.22 to 9.92) | 10.7 (9.78 to 11.7) | 11.5 (10.4 to 12.6) | 6.54 (5.66 to 7.44) | 7.48 (6.41 to 8.55) | 8.11 (6.94 to 9.31) | 0.27 (0.25 to 0.31) | 0.3 (0.27 to 0.34) | 0.29 (0.26 to 0.34) |
| Saudi Arabia | 10.8 (10.1 to 11.8) | 11.1 (10.8 to 11.4) | 12.8 (12.3 to 13.4) | 7.68 (6.73 to 8.71) | 7.88 (6.94 to 8.71) | 8.94 (7.84 to 9.98) | 0.29 (0.26 to 0.33) | 0.29 (0.24 to 0.36) | 0.3 (0.26 to 0.36) |
| Sudan | 9.81 (9.23 to 10.4) | 10.8 (9.83 to 12) | 11.5 (10.6 to 12.2) | 7.33 (6.55 to 8.11) | 7.99 (7.03 to 9.03) | 8.43 (7.41 to 9.36) | 0.25 (0.22 to 0.29) | 0.26 (0.23 to 0.28) | 0.26 (0.23 to 0.3) |
| Syrian Arab Republic | 11.6 (10.6 to 12.8) | 12.5 (11.6 to 13.5) | 11.9 (10.5 to 13.2) | 8.75 (7.68 to 9.83) | 9.38 (8.26 to 10.4) | 8.63 (7.37 to 9.95) | 0.25 (0.23 to 0.28) | 0.25 (0.23 to 0.29) | 0.27 (0.25 to 0.3) |
| Tunisia | 12.1 (11.5 to 12.7) | 12.2 (11.1 to 13.6) | 13 (11.5 to 14.6) | 8.98 (7.96 to 9.87) | 8.94 (7.71 to 10.2) | 9.43 (8.03 to 10.9) | 0.26 (0.22 to 0.31) | 0.27 (0.24 to 0.3) | 0.28 (0.26 to 0.3) |
| Turkey | 11.7 (11.1 to 12.4) | 13.3 (12.7 to 14) | 13.8 (12.7 to 15.1) | 8.75 (7.8 to 9.65) | 9.76 (8.71 to 10.8) | 10.1 (8.81 to 11.4) | 0.25 (0.22 to 0.3) | 0.27 (0.23 to 0.32) | 0.27 (0.25 to 0.3) |
| United Arab Emirates | 9.2 (8.54 to 10) | 9.02 (8.49 to 9.64) | 11.6 (10.9 to 12.4) | 6.71 (5.89 to 7.57) | 6.51 (5.73 to 7.28) | 8.26 (7.2 to 9.32) | 0.27 (0.24 to 0.31) | 0.28 (0.25 to 0.33) | 0.29 (0.25 to 0.34) |
| Yemen | 9.4 (8.56 to 10.3) | 10.4 (9.58 to 11.5) | 10.8 (9.87 to 11.5) | 7.05 (6.16 to 7.94) | 7.8 (6.86 to 8.79) | 8.03 (6.97 to 8.96) | 0.25 (0.23 to 0.28) | 0.25 (0.23 to 0.28) | 0.26 (0.22 to 0.29) |
| South Asia | 9.26 (8.97 to 9.56) | 10.3 (10 to 10.7) | 11.9 (11.1 to 12.8) | 6.48 (5.78 to 7.2) | 7.21 (6.37 to 8.02) | 8.34 (7.23 to 9.47) | 0.3 (0.25 to 0.36) | 0.3 (0.25 to 0.36) | 0.3 (0.26 to 0.35) |
| South Asia | 9.26 (8.97 to 9.56) | 10.3 (10 to 10.7) | 11.9 (11.1 to 12.8) | 6.48 (5.78 to 7.2) | 7.21 (6.37 to 8.02) | 8.34 (7.23 to 9.47) | 0.3 (0.25 to 0.36) | 0.3 (0.25 to 0.36) | 0.3 (0.26 to 0.35) |
| Bangladesh | 9.97 (9.52 to 10.4) | 11.3 (10.9 to 11.7) | 13.7 (12.6 to 14.8) | 7.29 (6.55 to 8.03) | 8.3 (7.42 to 9.12) | 10 (8.82 to 11.2) | 0.27 (0.23 to 0.31) | 0.27 (0.22 to 0.32) | 0.26 (0.24 to 0.3) |
| Bhutan | 10.5 (9.66 to 11.3) | 11.7 (11.2 to 12.6) | 12.1 (11.4 to 13.1) | 7.75 (6.82 to 8.64) | 8.62 (7.73 to 9.53) | 8.82 (7.82 to 9.92) | 0.26 (0.23 to 0.29) | 0.27 (0.24 to 0.31) | 0.27 (0.24 to 0.31) |
| India | 8.94 (8.58 to 9.31) | 10.3 (9.88 to 10.7) | 11.8 (10.8 to 12.9) | 6.17 (5.45 to 6.92) | 7.09 (6.24 to 7.93) | 8.19 (7.02 to 9.39) | 0.31 (0.26 to 0.36) | 0.31 (0.26 to 0.37) | 0.31 (0.27 to 0.35) |
| Nepal | 9.66 (8.96 to 10.4) | 11.1 (10.8 to 11.7) | 10.7 (10.2 to 11.7) | 6.91 (6.07 to 7.77) | 7.93 (7.12 to 8.74) | 7.77 (6.83 to 8.88) | 0.28 (0.25 to 0.32) | 0.28 (0.25 to 0.34) | 0.27 (0.24 to 0.33) |
| Pakistan | 10.4 (9.89 to 10.9) | 9.82 (9.24 to 10.4) | 10.9 (9.75 to 12.3) | 7.49 (6.71 to 8.3) | 7.02 (6.23 to 7.84) | 7.87 (6.76 to 9.05) | 0.28 (0.24 to 0.32) | 0.29 (0.25 to 0.33) | 0.28 (0.26 to 0.31) |
| Southeast Asia, East Asia, and Oceania | 9.88 (9.34 to 10.5) | 10.5 (10.1 to 10.9) | 11.8 (11.1 to 12.7) | 7.37 (6.6 to 8.17) | 7.82 (7.07 to 8.54) | 8.82 (7.89 to 9.83) | 0.25 (0.22 to 0.29) | 0.25 (0.21 to 0.3) | 0.26 (0.22 to 0.29) |
| East Asia | 9.68 (9.03 to 10.4) | 10.3 (9.92 to 10.8) | 11.9 (10.9 to 12.9) | 7.3 (6.52 to 8.16) | 7.78 (7.02 to 8.5) | 8.91 (7.91 to 10) | 0.25 (0.22 to 0.28) | 0.25 (0.21 to 0.29) | 0.25 (0.22 to 0.28) |
| China | 9.63 (8.97 to 10.4) | 10.3 (9.84 to 10.7) | 11.8 (10.9 to 12.8) | 7.26 (6.48 to 8.13) | 7.72 (6.96 to 8.44) | 8.87 (7.87 to 10) | 0.25 (0.22 to 0.28) | 0.25 (0.21 to 0.29) | 0.25 (0.22 to 0.28) |
| Democratic People's Republic of Korea | 10.2 (9.48 to 11.1) | 10 (9.72 to 11) | 10.9 (10.5 to 11.3) | 7.84 (7.01 to 8.7) | 7.7 (7.03 to 8.53) | 8.33 (7.61 to 9.06) | 0.23 (0.22 to 0.26) | 0.23 (0.22 to 0.28) | 0.23 (0.2 to 0.28) |
| Taiwan (Province of China) | 12.3 (12.2 to 12.4) | 14 (13.9 to 14.1) | 14.7 (13.1 to 16.2) | 9.29 (8.46 to 10) | 10.5 (9.56 to 11.4) | 11.1 (9.52 to 12.6) | 0.24 (0.19 to 0.31) | 0.25 (0.19 to 0.31) | 0.25 (0.22 to 0.28) |
| Oceania | 9.44 (8.91 to 10) | 9.56 (8.98 to 10.2) | 10 (9.27 to 10.8) | 6.89 (6.1 to 7.7) | 6.95 (6.11 to 7.72) | 7.29 (6.34 to 8.23) | 0.27 (0.23 to 0.32) | 0.27 (0.24 to 0.32) | 0.27 (0.24 to 0.32) |
| American Samoa | 10.4 (10.2 to 10.7) | 10.8 (10.5 to 11.1) | 11.5 (11.3 to 11.8) | 7.46 (6.64 to 8.2) | 7.64 (6.75 to 8.49) | 8.12 (7.18 to 9.05) | 0.28 (0.23 to 0.35) | 0.29 (0.24 to 0.36) | 0.29 (0.23 to 0.36) |
| Cook Islands | 10 (9.67 to 10.4) | 11.4 (10.9 to 11.9) | 12.6 (11.9 to 13.1) | 7.28 (6.55 to 8.02) | 8.08 (7.18 to 8.93) | 8.88 (7.82 to 9.84) | 0.27 (0.22 to 0.32) | 0.29 (0.25 to 0.34) | 0.29 (0.25 to 0.34) |
| Fiji | 9.22 (8.53 to 9.89) | 8.98 (8.87 to 9.11) | 9.39 (8.48 to 10.4) | 6.63 (5.75 to 7.47) | 6.99 (5.57 to 6.99) | 6.58 (5.6 to 7.59) | 0.28 (0.24 to 0.33) | 0.3 (0.23 to 0.37) | 0.3 (0.27 to 0.34) |
| Guam | 11.3 (10.9 to 11.8) | 14.2 (13.6 to 14.8) | 14.7 (13.8 to 15.7) | 8.49 (7.68 to 9.24) | 10.5 (9.43 to 11.5) | 10.8 (9.64 to 12) | 0.25 (0.22 to 0.29) | 0.26 (0.22 to 0.31) | 0.26 (0.23 to 0.3) |
| Kiribati | 7.37 (6.85 to 8.02) | 7.81 (7.19 to 8.56) | 8.32 (7.56 to 9.17) | 5.39 (4.7 to 6.11) | 5.64 (4.93 to 6.49) | 5.99 (5.17 to 6.87) | 0.27 (0.24 to 0.31) | 0.28 (0.24 to 0.31) | 0.28 (0.25 to 0.32) |
| Marshall Islands | 8.31 (7.98 to 8.66) | 9.66 (9.2 to 10.2) | 10.1 (9.06 to 11.2) | 6.06 (5.41 to 6.69) | 6.97 (6.17 to 7.76) | 7.28 (6.17 to 8.37) | 0.27 (0.23 to 0.32) | 0.28 (0.24 to 0.33) | 0.28 (0.25 to 0.32) |
| Micronesia (Federated States of) | 8.79 (8.07 to 9.46) | 9.24 (8.74 to 9.8) | 9.19 (8.33 to 10.2) | 6.51 (5.72 to 7.33) | 6.78 (6.02 to 7.49) | 6.75 (5.82 to 7.75) | 0.26 (0.22 to 0.29) | 0.27 (0.24 to 0.31) | 0.27 (0.24 to 0.3) |
| Nauru | 8.72 (7.99 to 9.57) | 8 (7.37 to 8.74) | 8.95 (8.09 to 9.94) | 6.44 (5.6 to 7.28) | 5.89 (5.19 to 6.69) | 6.51 (5.61 to 7.49) | 0.26 (0.24 to 0.3) | 0.26 (0.23 to 0.3) | 0.27 (0.25 to 0.31) |
| Niue | 10 (9.47 to 10.5) | 10 (9.73 to 10.4) | 10.5 (10.3 to 10.8) | 7.31 (6.48 to 8.13) | 7.19 (6.36 to 7.95) | 7.43 (6.59 to 8.26) | 0.27 (0.23 to 0.32) | 0.28 (0.24 to 0.35) | 0.29 (0.23 to 0.36) |
| Northern Mariana Islands | 11.5 (10.9 to 11.9) | 11.7 (11.4 to 12) | 11.4 (11 to 11.8) | 8.49 (7.57 to 9.33) | 8.54 (7.63 to 9.33) | 8.29 (7.41 to 9.13) | 0.26 (0.22 to 0.31) | 0.27 (0.22 to 0.33) | 0.27 (0.23 to 0.33) |
| Palau | 9.45 (8.66 to 9.92) | 10.1 (9.3 to 10.7) | 10.2 (9.25 to 11.1) | 6.89 (6.06 to 7.67) | 7.19 (6.3 to 8.07) | 7.3 (6.28 to 8.26) | 0.27 (0.23 to 0.3) | 0.29 (0.25 to 0.32) | 0.29 (0.25 to 0.32) |
| Papua New Guinea | 9.61 (8.87 to 10.4) | 9.56 (8.73 to 10.5) | 10.1 (9.19 to 10.9) | 7 (6.13 to 7.9) | 6.95 (6.03 to 7.86) | 7.31 (6.34 to 8.31) | 0.27 (0.24 to 0.31) | 0.27 (0.25 to 0.31) | 0.27 (0.24 to 0.31) |
| Samoa | 9.61 (9.27 to 9.98) | 10.8 (10.5 to 10.9) | 11.4 (11 to 11.7) | 7.06 (6.32 to 7.79) | 7.86 (7.07 to 8.62) | 8.33 (7.44 to 9.18) | 0.27 (0.22 to 0.32) | 0.27 (0.21 to 0.33) | 0.27 (0.21 to 0.32) |

Supplementary Table 7: Life expectancy, Health-adjusted life expectancy, and proportion of years spent in ill health in all reporting locations, in 1990, 2005, 2019, Males

| location | LE-70 | | | HALE-70 | | | PYIH-70 | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 |
| <i>Solomon Islands</i> | 7.62 (7 to 8.41) | 7.71 (7.15 to 8.36) | 8.13 (7.43 to 8.94) | 5.76 (5.04 to 6.53) | 5.75 (5.07 to 6.44) | 6.01 (5.24 to 6.86) | 0.24 (0.22 to 0.28) | 0.25 (0.23 to 0.29) | 0.26 (0.23 to 0.3) |
| <i>Tokelau</i> | 11.5 (11.1 to 11.9) | 12.2 (11.7 to 12.6) | 13.2 (12.3 to 13.6) | 8.53 (7.67 to 9.33) | 8.94 (8 to 9.81) | 9.55 (8.49 to 10.5) | 0.26 (0.21 to 0.31) | 0.27 (0.22 to 0.32) | 0.27 (0.23 to 0.31) |
| <i>Tonga</i> | 10.8 (10.3 to 11.4) | 10.7 (10.2 to 11.1) | 11 (10.4 to 11.8) | 8.03 (7.16 to 8.83) | 7.89 (7.1 to 8.63) | 8.12 (7.23 to 9.01) | 0.26 (0.23 to 0.3) | 0.26 (0.23 to 0.31) | 0.26 (0.23 to 0.31) |
| <i>Tuvalu</i> | 8.83 (8.53 to 9.27) | 10.2 (9.56 to 10.6) | 10.8 (9.55 to 11.6) | 6.6 (5.93 to 7.24) | 7.49 (6.71 to 8.25) | 7.9 (6.71 to 8.97) | 0.25 (0.22 to 0.3) | 0.26 (0.22 to 0.3) | 0.27 (0.23 to 0.3) |
| <i>Vanuatu</i> | 9.21 (8.4 to 9.76) | 9.33 (8.5 to 9.83) | 9.76 (8.72 to 10.4) | 6.81 (5.93 to 7.61) | 6.93 (6.1 to 7.68) | 7.18 (6.16 to 8.04) | 0.26 (0.22 to 0.29) | 0.26 (0.22 to 0.28) | 0.26 (0.23 to 0.29) |
| Southeast Asia | 10.6 (10.3 to 10.9) | 11.1 (10.8 to 11.4) | 11.7 (11.2 to 12.3) | 7.61 (6.8 to 8.36) | 8 (7.18 to 8.78) | 8.4 (7.47 to 9.29) | 0.28 (0.23 to 0.34) | 0.28 (0.23 to 0.34) | 0.28 (0.24 to 0.33) |
| <i>Cambodia</i> | 8.91 (8.59 to 9.38) | 9.75 (9.41 to 10.2) | 10.2 (9.85 to 11.2) | 6.47 (5.75 to 7.16) | 7.09 (6.34 to 7.83) | 7.31 (6.47 to 8.28) | 0.27 (0.24 to 0.33) | 0.27 (0.24 to 0.33) | 0.28 (0.26 to 0.34) |
| <i>Indonesia</i> | 10.6 (10.1 to 11.1) | 10.6 (10.1 to 11.3) | 10.6 (9.81 to 11.7) | 7.46 (6.63 to 8.33) | 7.56 (6.63 to 8.42) | 7.55 (6.58 to 8.67) | 0.29 (0.25 to 0.34) | 0.29 (0.25 to 0.34) | 0.29 (0.26 to 0.33) |
| <i>Lao People's Democratic Republic</i> | 8.42 (7.87 to 9.13) | 9.46 (9.05 to 10.1) | 10.5 (9.93 to 11.4) | 6.24 (5.55 to 7.01) | 7.01 (6.27 to 7.72) | 7.71 (6.86 to 8.64) | 0.26 (0.23 to 0.3) | 0.26 (0.23 to 0.31) | 0.27 (0.24 to 0.31) |
| <i>Malaysia</i> | 11.5 (11.4 to 11.5) | 11.7 (11.6 to 11.8) | 12.2 (11 to 13.5) | 8.18 (7.32 to 8.96) | 8.35 (7.45 to 9.17) | 8.79 (7.6 to 10.1) | 0.29 (0.22 to 0.36) | 0.29 (0.22 to 0.36) | 0.28 (0.25 to 0.31) |
| <i>Maldives</i> | 10.5 (10.3 to 10.7) | 13.1 (12.7 to 13.4) | 14.5 (13.5 to 15.5) | 7.73 (6.99 to 8.45) | 9.61 (8.69 to 10.5) | 10.5 (9.31 to 11.8) | 0.27 (0.21 to 0.32) | 0.26 (0.22 to 0.32) | 0.27 (0.24 to 0.31) |
| <i>Mauritius</i> | 10.2 (10 to 10.4) | 11.3 (11.1 to 11.5) | 13 (11.9 to 14.2) | 7.33 (6.61 to 8.05) | 7.96 (7.1 to 8.77) | 9.15 (7.88 to 10.4) | 0.28 (0.23 to 0.34) | 0.29 (0.24 to 0.36) | 0.3 (0.27 to 0.34) |
| <i>Myanmar</i> | 8.5 (7.9 to 9.22) | 9.24 (8.83 to 9.81) | 10.4 (9.77 to 10.7) | 6.15 (5.39 to 6.92) | 6.69 (5.98 to 7.44) | 7.45 (6.6 to 8.22) | 0.28 (0.25 to 0.32) | 0.28 (0.24 to 0.32) | 0.28 (0.23 to 0.32) |
| <i>Philippines</i> | 11.8 (11.3 to 12.4) | 11.4 (10.9 to 12) | 11.5 (10.1 to 13.1) | 8.54 (7.59 to 9.44) | 8.31 (7.41 to 9.15) | 8.35 (7 to 9.73) | 0.28 (0.24 to 0.33) | 0.27 (0.24 to 0.32) | 0.28 (0.26 to 0.31) |
| <i>Seychelles</i> | 9.92 (9.66 to 10.2) | 10.1 (9.86 to 10.4) | 11.5 (10.8 to 12.1) | 7.26 (6.52 to 7.93) | 7.26 (6.49 to 8.04) | 8.1 (7.11 to 9.08) | 0.27 (0.22 to 0.33) | 0.28 (0.23 to 0.34) | 0.29 (0.25 to 0.34) |
| <i>Sri Lanka</i> | 10.5 (10.2 to 10.9) | 11.4 (10.9 to 12) | 13 (11.5 to 14.6) | 7.61 (6.81 to 8.4) | 8.02 (7.04 to 8.95) | 9.03 (7.62 to 10.6) | 0.28 (0.23 to 0.33) | 0.3 (0.25 to 0.35) | 0.31 (0.28 to 0.34) |
| <i>Thailand</i> | 12.1 (11.5 to 12.7) | 14.5 (13.6 to 15.3) | 15.5 (13.8 to 17.5) | 8.73 (7.77 to 9.7) | 10.5 (9.42 to 11.7) | 11.3 (9.72 to 13.1) | 0.28 (0.24 to 0.32) | 0.27 (0.24 to 0.31) | 0.27 (0.25 to 0.29) |
| <i>Timor-Leste</i> | 11.1 (10.3 to 11.7) | 11.5 (10.9 to 12.1) | 10.8 (10.3 to 11.8) | 7.98 (7.02 to 8.84) | 8.18 (7.27 to 9.11) | 7.67 (6.73 to 8.76) | 0.28 (0.24 to 0.32) | 0.29 (0.25 to 0.33) | 0.29 (0.26 to 0.35) |
| <i>Viet Nam</i> | 10 (9.43 to 10.6) | 10.5 (9.97 to 10.8) | 10.7 (10.4 to 11.4) | 7.49 (6.7 to 8.25) | 7.8 (7.04 to 8.48) | 7.83 (6.98 to 8.65) | 0.25 (0.22 to 0.29) | 0.26 (0.21 to 0.29) | 0.27 (0.24 to 0.33) |
| Sub-Saharan Africa | 9.28 (9 to 9.6) | 9.51 (9.19 to 9.84) | 10.7 (10.3 to 11.1) | 6.79 (6.07 to 7.5) | 6.97 (6.26 to 7.64) | 7.88 (7.05 to 8.66) | 0.27 (0.22 to 0.33) | 0.27 (0.22 to 0.32) | 0.26 (0.22 to 0.32) |
| Central Sub-Saharan Africa | 8.35 (7.91 to 8.83) | 8.82 (8.45 to 9.28) | 9.91 (9.24 to 10.5) | 6.08 (5.41 to 6.76) | 6.42 (5.74 to 7.08) | 7.28 (6.42 to 8.11) | 0.27 (0.23 to 0.32) | 0.27 (0.24 to 0.32) | 0.27 (0.23 to 0.31) |
| <i>Angola</i> | 7.89 (7.4 to 8.54) | 8.81 (8.38 to 9.36) | 9.99 (9.31 to 10.4) | 5.82 (5.16 to 6.53) | 6.49 (5.81 to 7.18) | 7.36 (6.53 to 8.11) | 0.26 (0.24 to 0.3) | 0.26 (0.23 to 0.31) | 0.26 (0.22 to 0.3) |
| <i>Central African Republic</i> | 7.05 (6.83 to 7.38) | 7.08 (6.77 to 7.55) | 7.64 (7.15 to 8.31) | 5.11 (4.55 to 5.66) | 5.12 (4.56 to 5.7) | 5.58 (4.9 to 6.32) | 0.28 (0.23 to 0.33) | 0.28 (0.25 to 0.33) | 0.27 (0.24 to 0.31) |
| <i>Congo</i> | 7.89 (7.61 to 8.24) | 9.38 (8.96 to 9.95) | 10.2 (9.81 to 10.6) | 5.8 (5.24 to 6.38) | 6.87 (6.09 to 7.56) | 7.57 (6.74 to 8.34) | 0.27 (0.23 to 0.31) | 0.27 (0.24 to 0.32) | 0.26 (0.21 to 0.31) |
| <i>Democratic Republic of the Congo</i> | 8.59 (8.03 to 9.18) | 8.86 (8.47 to 9.37) | 10 (9.25 to 10.8) | 6.23 (5.5 to 6.98) | 6.43 (5.73 to 7.13) | 7.33 (6.42 to 8.23) | 0.27 (0.24 to 0.31) | 0.27 (0.24 to 0.32) | 0.27 (0.24 to 0.31) |
| <i>Equatorial Guinea</i> | 7.4 (6.96 to 7.99) | 10.3 (9.41 to 11.6) | 10.7 (9.72 to 11.7) | 5.28 (4.61 to 5.92) | 7.42 (6.42 to 8.54) | 7.76 (6.74 to 8.78) | 0.29 (0.26 to 0.34) | 0.28 (0.26 to 0.32) | 0.27 (0.25 to 0.31) |
| <i>Gabon</i> | 8.45 (8.05 to 8.87) | 9.15 (8.85 to 9.59) | 9.75 (9.41 to 10.5) | 6.2 (5.51 to 6.84) | 6.66 (5.94 to 7.34) | 7.14 (6.33 to 7.98) | 0.27 (0.23 to 0.32) | 0.27 (0.23 to 0.33) | 0.27 (0.24 to 0.33) |
| Eastern Sub-Saharan Africa | 8.6 (8.37 to 8.84) | 9.23 (9.03 to 9.44) | 10.5 (10.2 to 10.9) | 6.28 (5.65 to 6.87) | 6.75 (6.06 to 7.37) | 7.75 (6.97 to 8.51) | 0.27 (0.22 to 0.32) | 0.27 (0.22 to 0.33) | 0.26 (0.22 to 0.31) |
| <i>Burundi</i> | 7.6 (7.18 to 8.02) | 8.55 (8.08 to 9.12) | 9.95 (9.01 to 10.8) | 5.65 (5.03 to 6.25) | 6.31 (5.64 to 6.96) | 7.4 (6.46 to 8.35) | 0.26 (0.22 to 0.3) | 0.26 (0.24 to 0.3) | 0.26 (0.23 to 0.28) |
| <i>Comoros</i> | 9.3 (8.71 to 10.1) | 10.7 (10 to 11.2) | 11.3 (10.4 to 11.8) | 6.87 (6.07 to 7.79) | 7.94 (7.09 to 8.76) | 8.43 (7.41 to 9.26) | 0.26 (0.23 to 0.3) | 0.25 (0.22 to 0.29) | 0.26 (0.22 to 0.29) |
| <i>Djibouti</i> | 9.67 (8.79 to 10.6) | 9.86 (8.99 to 11) | 10.8 (9.85 to 11.3) | 7.25 (6.33 to 8.17) | 7.4 (6.5 to 8.45) | 8.03 (7.06 to 8.83) | 0.25 (0.23 to 0.28) | 0.25 (0.23 to 0.28) | 0.25 (0.22 to 0.28) |
| <i>Eritrea</i> | 7.31 (7.07 to 7.64) | 8.17 (7.78 to 8.71) | 9.26 (8.74 to 9.79) | 5.39 (4.86 to 5.92) | 5.99 (5.38 to 6.63) | 6.78 (6.04 to 7.51) | 0.26 (0.23 to 0.31) | 0.27 (0.24 to 0.31) | 0.27 (0.23 to 0.31) |
| <i>Ethiopia</i> | 7.62 (7.29 to 7.99) | 9.57 (9.08 to 10) | 11.2 (10.4 to 12.2) | 5.56 (4.94 to 6.16) | 7.05 (6.27 to 7.78) | 8.33 (7.33 to 9.43) | 0.27 (0.23 to 0.32) | 0.26 (0.23 to 0.31) | 0.26 (0.23 to 0.29) |
| <i>Kenya</i> | 10.4 (9.76 to 11.1) | 9.31 (8.95 to 9.68) | 10.4 (9.71 to 11.3) | 7.49 (6.62 to 8.39) | 6.69 (5.93 to 7.37) | 7.53 (6.69 to 8.55) | 0.28 (0.24 to 0.32) | 0.28 (0.24 to 0.34) | 0.27 (0.24 to 0.31) |
| <i>Madagascar</i> | 9.67 (9.22 to 10.2) | 9.61 (9.09 to 10.1) | 10.5 (9.59 to 11.6) | 7.16 (6.4 to 7.89) | 7.1 (6.33 to 7.82) | 7.87 (6.86 to 8.92) | 0.26 (0.22 to 0.31) | 0.26 (0.23 to 0.3) | 0.25 (0.23 to 0.28) |
| <i>Malawi</i> | 8.72 (8.35 to 9.13) | 8.38 (8.05 to 8.67) | 9.82 (9.29 to 10.3) | 6.38 (5.71 to 7.02) | 6.09 (5.38 to 6.72) | 7.22 (6.45 to 7.95) | 0.27 (0.23 to 0.32) | 0.27 (0.22 to 0.33) | 0.26 (0.23 to 0.31) |
| <i>Mozambique</i> | 8.62 (8.23 to 8.99) | 8.32 (8.03 to 8.59) | 8.82 (8.33 to 9.25) | 6.23 (5.55 to 6.89) | 5.97 (5.35 to 6.57) | 6.35 (5.61 to 7.07) | 0.28 (0.23 to 0.33) | 0.28 (0.24 to 0.33) | 0.28 (0.24 to 0.33) |
| <i>Rwanda</i> | 7.74 (7.43 to 8.08) | 9.31 (8.83 to 9.71) | 10.7 (10 to 11.2) | 5.71 (5.15 to 6.27) | 6.84 (6.14 to 7.55) | 7.92 (7.07 to 8.65) | 0.26 (0.22 to 0.31) | 0.26 (0.22 to 0.3) | 0.26 (0.23 to 0.3) |
| <i>Somalia</i> | 7.64 (7.13 to 8.28) | 7.92 (7.38 to 8.6) | 8.73 (7.95 to 9.57) | 5.74 (5.1 to 6.39) | 5.92 (5.25 to 6.69) | 6.51 (5.64 to 7.41) | 0.25 (0.23 to 0.28) | 0.25 (0.22 to 0.29) | 0.25 (0.23 to 0.29) |
| <i>South Sudan</i> | 9.33 (8.52 to 10.3) | 9.91 (8.96 to 11.2) | 10.7 (9.74 to 12) | 6.63 (5.73 to 7.58) | 7.01 (6.04 to 8.17) | 7.61 (6.5 to 8.81) | 0.29 (0.27 to 0.33) | 0.29 (0.27 to 0.33) | 0.29 (0.27 to 0.33) |
| <i>Uganda</i> | 8.55 (8.17 to 9.05) | 8.75 (8.33 to 9.19) | 10.1 (9.68 to 10.8) | 6.22 (5.57 to 6.87) | 6.38 (5.7 to 7.02) | 7.43 (6.66 to 8.22) | 0.27 (0.24 to 0.32) | 0.27 (0.24 to 0.32) | 0.26 (0.24 to 0.31) |
| <i>United Republic of Tanzania</i> | 9.39 (8.94 to 9.84) | 9.82 (9.47 to 10.2) | 11.1 (10.6 to 11.8) | 6.93 (6.22 to 7.6) | 7.24 (6.46 to 7.93) | 8.22 (7.38 to 9.04) | 0.26 (0.23 to 0.3) | 0.26 (0.23 to 0.32) | 0.26 (0.24 to 0.3) |

Supplementary Table 7: Life expectancy, Health-adjusted life expectancy, and proportion of years spent in ill health in all reporting locations, in 1990, 2005, 2019, Males

| location | LE-70 | | | HALE-70 | | | PYIH-70 | | |
|-----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 |
| Zambia | 8.68 (8.38 to 9.14) | 8.13 (7.8 to 8.53) | 9.67 (9.08 to 10.3) | 6.45 (5.76 to 7.14) | 6 (5.36 to 6.6) | 7.2 (6.39 to 8.01) | 0.26 (0.22 to 0.31) | 0.26 (0.23 to 0.31) | 0.26 (0.22 to 0.3) |
| Southern Sub-Saharan Africa | 11.5 (11.2 to 11.7) | 9.62 (9.47 to 9.74) | 11.2 (11 to 11.4) | 8.27 (7.45 to 9.06) | 6.91 (6.22 to 7.54) | 8.02 (7.19 to 8.79) | 0.28 (0.23 to 0.34) | 0.28 (0.23 to 0.34) | 0.28 (0.23 to 0.34) |
| Botswana | 8.72 (8.29 to 9.28) | 7.72 (7.27 to 8) | 9.44 (8.88 to 10.1) | 6.29 (5.54 to 7.06) | 5.5 (4.84 to 6.09) | 6.67 (5.83 to 7.5) | 0.28 (0.24 to 0.33) | 0.29 (0.24 to 0.34) | 0.29 (0.26 to 0.34) |
| Eswatini | 8.48 (8.09 to 9.12) | 7.1 (6.6 to 7.6) | 8.28 (7.68 to 8.6) | 6.12 (5.47 to 6.81) | 5.01 (4.33 to 5.61) | 5.87 (5.1 to 6.53) | 0.28 (0.25 to 0.32) | 0.29 (0.26 to 0.34) | 0.29 (0.24 to 0.34) |
| Lesotho | 8.49 (8.02 to 8.8) | 7.09 (6.8 to 7.34) | 7.7 (7.12 to 8.13) | 6.21 (5.56 to 6.83) | 5.13 (4.58 to 5.66) | 5.53 (4.84 to 6.16) | 0.27 (0.22 to 0.31) | 0.28 (0.23 to 0.33) | 0.28 (0.24 to 0.32) |
| Namibia | 8.8 (8.5 to 9.18) | 8.44 (8.17 to 8.65) | 9.54 (9.1 to 9.95) | 6.37 (5.68 to 7.04) | 6.06 (5.43 to 6.69) | 6.86 (6.08 to 7.63) | 0.28 (0.23 to 0.33) | 0.28 (0.23 to 0.33) | 0.28 (0.23 to 0.33) |
| South Africa | 12.4 (12.1 to 12.8) | 10.3 (10.1 to 10.4) | 11.8 (11.6 to 12.1) | 8.93 (8.02 to 9.79) | 7.36 (6.62 to 8.05) | 8.46 (7.56 to 9.26) | 0.28 (0.23 to 0.34) | 0.28 (0.23 to 0.34) | 0.29 (0.24 to 0.35) |
| Zimbabwe | 9.44 (9.08 to 9.84) | 8.01 (7.65 to 8.32) | 9.03 (8.65 to 9.61) | 6.95 (6.24 to 7.61) | 5.84 (5.21 to 6.46) | 6.62 (5.89 to 7.32) | 0.26 (0.23 to 0.31) | 0.27 (0.22 to 0.32) | 0.27 (0.24 to 0.32) |
| Western Sub-Saharan Africa | 9.62 (9.06 to 10.2) | 9.85 (9.21 to 10.6) | 10.9 (10.1 to 11.6) | 7.09 (6.25 to 7.9) | 7.29 (6.42 to 8.19) | 8.08 (7.15 to 9) | 0.26 (0.23 to 0.31) | 0.26 (0.23 to 0.3) | 0.26 (0.22 to 0.3) |
| Benin | 9.27 (8.83 to 9.74) | 9.44 (8.79 to 10) | 10.4 (9.49 to 11.3) | 6.83 (6.11 to 7.52) | 7.04 (6.29 to 7.77) | 7.74 (6.75 to 8.71) | 0.26 (0.23 to 0.31) | 0.25 (0.23 to 0.28) | 0.26 (0.23 to 0.29) |
| Burkina Faso | 9.04 (8.58 to 9.52) | 9.26 (8.82 to 9.69) | 9.82 (9.2 to 10.4) | 6.64 (5.91 to 7.37) | 6.88 (6.17 to 7.56) | 7.34 (6.54 to 8.1) | 0.27 (0.23 to 0.31) | 0.26 (0.22 to 0.3) | 0.25 (0.22 to 0.29) |
| Cabo Verde | 13.1 (12.8 to 13.4) | 11.9 (11.2 to 12.7) | 10.6 (10.5 to 10.9) | 9.85 (8.93 to 10.7) | 8.85 (7.89 to 9.85) | 7.94 (7.18 to 8.63) | 0.25 (0.2 to 0.3) | 0.25 (0.22 to 0.29) | 0.25 (0.21 to 0.31) |
| Cameroon | 9.67 (9.17 to 10.1) | 8.94 (8.58 to 9.5) | 10.3 (9.44 to 11) | 7.05 (6.28 to 7.81) | 6.47 (5.79 to 7.22) | 7.53 (6.58 to 8.42) | 0.27 (0.23 to 0.32) | 0.28 (0.24 to 0.32) | 0.27 (0.24 to 0.3) |
| Chad | 9.43 (8.91 to 9.95) | 9.07 (8.58 to 9.62) | 10.2 (9.36 to 10.9) | 6.99 (6.24 to 7.77) | 6.66 (5.93 to 7.36) | 7.5 (6.6 to 8.38) | 0.26 (0.22 to 0.3) | 0.27 (0.23 to 0.31) | 0.26 (0.23 to 0.29) |
| Côte d'Ivoire | 8.88 (8.44 to 9.27) | 8.68 (8.24 to 9.05) | 10.3 (9.64 to 10.9) | 6.38 (5.65 to 7.11) | 6.37 (5.7 to 7.02) | 7.57 (6.68 to 8.38) | 0.28 (0.23 to 0.33) | 0.27 (0.22 to 0.31) | 0.26 (0.23 to 0.31) |
| Gambia | 9.49 (8.74 to 10.3) | 9.7 (9.22 to 10.4) | 10.2 (9.66 to 11) | 7.18 (6.32 to 8.02) | 7.29 (6.54 to 8.07) | 7.66 (6.84 to 8.46) | 0.24 (0.22 to 0.28) | 0.25 (0.22 to 0.29) | 0.25 (0.23 to 0.29) |
| Ghana | 9.59 (8.92 to 10.3) | 9.35 (8.98 to 9.8) | 10.1 (9.59 to 10.5) | 7.22 (6.43 to 8.08) | 7 (6.29 to 7.67) | 7.56 (6.76 to 8.28) | 0.25 (0.21 to 0.28) | 0.25 (0.22 to 0.3) | 0.25 (0.21 to 0.3) |
| Guinea | 10 (9.48 to 10.5) | 9.55 (9.02 to 10.1) | 10.2 (9.39 to 11) | 7.51 (6.72 to 8.29) | 7.17 (6.45 to 7.89) | 7.59 (6.64 to 8.56) | 0.25 (0.21 to 0.29) | 0.25 (0.22 to 0.29) | 0.25 (0.22 to 0.29) |
| Guinea-Bissau | 7.54 (7.09 to 8.09) | 8.11 (7.7 to 8.52) | 9.19 (8.51 to 9.95) | 5.61 (5 to 6.24) | 6.07 (5.45 to 6.63) | 6.87 (6.06 to 7.7) | 0.26 (0.23 to 0.3) | 0.25 (0.22 to 0.29) | 0.25 (0.23 to 0.29) |
| Liberia | 9.75 (9.13 to 10.3) | 10.4 (9.8 to 11.1) | 11.4 (10.4 to 12.1) | 7.12 (6.31 to 7.89) | 7.6 (6.71 to 8.46) | 8.27 (7.17 to 9.31) | 0.27 (0.23 to 0.31) | 0.27 (0.23 to 0.31) | 0.28 (0.23 to 0.31) |
| Mali | 9.57 (9.12 to 10.1) | 10.7 (10.1 to 11.2) | 11.3 (10.3 to 12.2) | 7.07 (6.32 to 7.83) | 7.9 (7.11 to 8.7) | 8.44 (7.39 to 9.43) | 0.26 (0.22 to 0.31) | 0.26 (0.22 to 0.3) | 0.25 (0.22 to 0.28) |
| Mauritania | 9.77 (9.37 to 10.3) | 11.8 (11 to 12.3) | 12.5 (11.8 to 13) | 7.38 (6.65 to 8.11) | 8.88 (7.92 to 9.79) | 9.42 (8.47 to 10.3) | 0.24 (0.21 to 0.29) | 0.25 (0.21 to 0.28) | 0.24 (0.21 to 0.28) |
| Niger | 9.19 (8.82 to 9.61) | 10 (9.59 to 10.5) | 10.7 (9.76 to 11.6) | 6.95 (6.27 to 7.6) | 7.6 (6.88 to 8.29) | 8.12 (7.15 to 9.06) | 0.24 (0.21 to 0.29) | 0.24 (0.21 to 0.28) | 0.24 (0.22 to 0.27) |
| Nigeria | 9.83 (8.73 to 11.1) | 10.2 (8.88 to 11.9) | 11.4 (9.94 to 13.1) | 7.22 (6.12 to 8.39) | 7.56 (6.36 to 8.87) | 8.46 (7.15 to 9.85) | 0.27 (0.25 to 0.3) | 0.26 (0.26 to 0.28) | 0.26 (0.25 to 0.28) |
| Sao Tome and Principe | 11 (10.3 to 11.6) | 10.6 (10.2 to 11) | 10.6 (10.4 to 11.3) | 8.17 (7.28 to 9.01) | 7.84 (7.07 to 8.61) | 7.77 (6.97 to 8.57) | 0.25 (0.22 to 0.29) | 0.26 (0.22 to 0.31) | 0.27 (0.24 to 0.33) |
| Senegal | 9.55 (9.06 to 10.1) | 10.3 (9.87 to 10.8) | 11.1 (10.3 to 11.6) | 7.07 (6.36 to 7.82) | 7.57 (6.73 to 8.38) | 8.22 (7.27 to 9.07) | 0.26 (0.22 to 0.3) | 0.27 (0.22 to 0.32) | 0.26 (0.22 to 0.29) |
| Sierra Leone | 8.97 (8.4 to 9.64) | 9.22 (8.74 to 9.71) | 10.7 (9.73 to 11.3) | 6.69 (5.97 to 7.46) | 6.84 (6.11 to 7.54) | 7.97 (6.95 to 8.89) | 0.25 (0.23 to 0.29) | 0.26 (0.22 to 0.3) | 0.25 (0.22 to 0.29) |
| Togo | 9.56 (8.99 to 10.1) | 8.99 (8.52 to 9.39) | 10 (9.35 to 10.6) | 7.15 (6.41 to 7.89) | 6.73 (6.05 to 7.4) | 7.51 (6.64 to 8.27) | 0.25 (0.22 to 0.29) | 0.25 (0.21 to 0.29) | 0.25 (0.22 to 0.29) |

| Supplementary Table 8: Life expectancy, Health-adjusted life expectancy, and proportion of years spent in ill health in all reporting locations, in 1990, 2005, 2019, Females | | | | | | | | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| location | LE-70 | | | HALE-70 | | | PYIH-70 | | |
| | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 |
| Global | 12.8 (12.7 to 13) | 13.9 (13.8 to 14) | 15.2 (14.9 to 15.6) | 9.1 (8.12 to 10) | 9.85 (8.8 to 10.8) | 10.7 (9.52 to 11.8) | 0.29 (0.23 to 0.36) | 0.29 (0.23 to 0.36) | 0.3 (0.24 to 0.36) |
| Low SDI | 10.1 (9.9 to 10.3) | 10.9 (10.7 to 11.1) | 12 (11.7 to 12.3) | 7.13 (6.32 to 7.85) | 7.72 (6.87 to 8.49) | 8.47 (7.57 to 9.35) | 0.3 (0.24 to 0.36) | 0.29 (0.24 to 0.36) | 0.29 (0.24 to 0.35) |
| Low-middle SDI | 10.5 (10.3 to 10.8) | 11.7 (11.5 to 11.9) | 12.9 (12.4 to 13.5) | 7.33 (6.52 to 8.1) | 8.15 (7.23 to 9.01) | 8.94 (7.91 to 9.94) | 0.31 (0.25 to 0.37) | 0.3 (0.25 to 0.37) | 0.31 (0.26 to 0.36) |
| Middle SDI | 11.8 (11.5 to 12.2) | 12.8 (12.6 to 13) | 14.3 (13.8 to 14.9) | 8.37 (7.44 to 9.26) | 9.06 (8.06 to 9.94) | 10.1 (8.96 to 11.2) | 0.29 (0.24 to 0.35) | 0.29 (0.24 to 0.36) | 0.3 (0.25 to 0.35) |
| High-middle SDI | 12.7 (12.6 to 13) | 13.7 (13.6 to 13.9) | 15.6 (15.1 to 16.1) | 9.16 (8.2 to 10.1) | 9.87 (8.83 to 10.8) | 11.2 (9.94 to 12.3) | 0.28 (0.22 to 0.35) | 0.28 (0.22 to 0.35) | 0.29 (0.24 to 0.34) |
| High SDI | 15.1 (15.1 to 15.1) | 16.8 (16.8 to 16.8) | 18 (17.9 to 18.1) | 10.7 (9.51 to 11.8) | 11.9 (10.6 to 13) | 12.6 (11.2 to 13.9) | 0.29 (0.22 to 0.37) | 0.29 (0.22 to 0.37) | 0.3 (0.23 to 0.38) |
| Central Europe, Eastern Europe, and Central Asia | 12.5 (12.5 to 12.5) | 12.4 (12.4 to 12.4) | 14.2 (13.7 to 14.7) | 9.06 (8.13 to 9.9) | 9.08 (8.16 to 9.9) | 10.4 (9.27 to 11.4) | 0.28 (0.21 to 0.35) | 0.27 (0.2 to 0.34) | 0.27 (0.22 to 0.32) |
| Central Asia | 13 (12.9 to 13.1) | 10.7 (10.6 to 10.8) | 12 (11.6 to 12.4) | 9.71 (8.82 to 10.5) | 8.04 (7.31 to 8.7) | 8.93 (8.1 to 9.78) | 0.25 (0.2 to 0.31) | 0.25 (0.19 to 0.31) | 0.25 (0.21 to 0.3) |
| <i>Armenia</i> | 12.7 (12.5 to 12.8) | 12.7 (12.5 to 12.8) | 13.8 (12.9 to 14.6) | 9.4 (8.53 to 10.2) | 9.39 (8.5 to 10.2) | 10.2 (9.1 to 11.2) | 0.26 (0.2 to 0.32) | 0.26 (0.2 to 0.32) | 0.26 (0.23 to 0.3) |
| <i>Azerbaijan</i> | 13.5 (13.1 to 13.9) | 10.4 (10.1 to 10.7) | 11 (10.3 to 11.7) | 10.2 (9.21 to 11.1) | 7.89 (7.15 to 8.58) | 8.26 (7.34 to 9.16) | 0.24 (0.2 to 0.29) | 0.24 (0.2 to 0.29) | 0.25 (0.22 to 0.28) |
| <i>Georgia</i> | 11.8 (11.5 to 12.3) | 12.5 (12.1 to 12.9) | 13.7 (12.8 to 14.7) | 9.01 (8.17 to 9.77) | 9.39 (8.49 to 10.3) | 10.2 (9.05 to 11.3) | 0.24 (0.2 to 0.29) | 0.25 (0.2 to 0.3) | 0.26 (0.23 to 0.3) |
| <i>Kazakhstan</i> | 12.7 (12.5 to 12.9) | 11.4 (11.2 to 11.6) | 13 (12.4 to 13.6) | 9.37 (8.43 to 10.2) | 8.42 (7.57 to 9.15) | 9.5 (8.5 to 10.5) | 0.26 (0.21 to 0.33) | 0.26 (0.21 to 0.33) | 0.27 (0.23 to 0.31) |
| <i>Kyrgyzstan</i> | 13.8 (13.5 to 14) | 11.8 (11.7 to 11.9) | 13.8 (13.2 to 14.4) | 10.2 (9.25 to 11.1) | 8.91 (8.12 to 9.64) | 10.4 (9.42 to 11.4) | 0.26 (0.2 to 0.32) | 0.24 (0.19 to 0.3) | 0.24 (0.21 to 0.28) |
| <i>Mongolia</i> | 11.1 (10.4 to 11.9) | 10.4 (9.8 to 11.1) | 12.1 (11 to 13.2) | 8.4 (7.48 to 9.31) | 7.93 (7.07 to 8.77) | 9.22 (8.03 to 10.4) | 0.24 (0.22 to 0.28) | 0.24 (0.21 to 0.28) | 0.24 (0.22 to 0.27) |
| <i>Tajikistan</i> | 14.3 (13.8 to 14.8) | 10.5 (10.1 to 10.8) | 10.4 (9.52 to 11.3) | 10.8 (9.81 to 11.7) | 7.99 (7.26 to 8.71) | 7.92 (6.96 to 8.89) | 0.25 (0.21 to 0.29) | 0.24 (0.2 to 0.28) | 0.24 (0.21 to 0.27) |
| <i>Turkmenistan</i> | 12.4 (12.3 to 12.6) | 11.8 (11.7 to 11.9) | 13.5 (12.2 to 14.7) | 9.4 (8.53 to 10.1) | 8.94 (8.15 to 9.69) | 10.2 (8.86 to 11.5) | 0.25 (0.19 to 0.31) | 0.24 (0.19 to 0.3) | 0.24 (0.22 to 0.27) |
| <i>Uzbekistan</i> | 13.6 (13.5 to 13.6) | 8.42 (8.28 to 8.56) | 9.38 (8.85 to 9.94) | 10.3 (9.34 to 11.1) | 6.46 (5.9 to 6.97) | 7.16 (6.4 to 7.87) | 0.24 (0.19 to 0.31) | 0.23 (0.19 to 0.29) | 0.24 (0.21 to 0.28) |
| Central Europe | 12.2 (12.2 to 12.2) | 13.4 (13.4 to 13.5) | 15 (14.3 to 15.7) | 8.85 (7.95 to 9.68) | 9.83 (8.85 to 10.7) | 11 (9.76 to 12.1) | 0.27 (0.21 to 0.35) | 0.27 (0.2 to 0.34) | 0.27 (0.23 to 0.32) |
| <i>Albania</i> | 14 (13.8 to 14.2) | 14.4 (14.2 to 14.6) | 15.6 (14.2 to 17.2) | 10.6 (9.64 to 11.5) | 10.9 (9.91 to 11.8) | 11.8 (10.4 to 13.3) | 0.24 (0.19 to 0.3) | 0.24 (0.19 to 0.3) | 0.24 (0.22 to 0.27) |
| <i>Bosnia and Herzegovina</i> | 12.5 (12.4 to 12.7) | 12.8 (12.6 to 12.9) | 13.6 (12.5 to 14.8) | 9.23 (8.32 to 10.1) | 9.33 (8.4 to 10.2) | 9.87 (8.64 to 11.2) | 0.26 (0.21 to 0.33) | 0.27 (0.21 to 0.33) | 0.27 (0.25 to 0.31) |
| <i>Bulgaria</i> | 11.1 (10.9 to 11.3) | 11.7 (11.5 to 11.9) | 12.9 (11.9 to 14) | 8.33 (7.54 to 9.05) | 8.76 (7.93 to 9.53) | 9.66 (8.5 to 10.8) | 0.25 (0.2 to 0.31) | 0.25 (0.2 to 0.31) | 0.25 (0.23 to 0.29) |
| <i>Croatia</i> | 12.2 (11.9 to 12.5) | 13.6 (13.5 to 13.8) | 15.3 (14.2 to 16.4) | 8.77 (7.83 to 9.61) | 9.8 (8.78 to 10.7) | 10.8 (9.45 to 12.2) | 0.28 (0.23 to 0.34) | 0.28 (0.22 to 0.35) | 0.29 (0.26 to 0.33) |
| <i>Czechia</i> | 12 (11.9 to 12.1) | 14.1 (14 to 14.3) | 16 (15 to 17.1) | 8.51 (7.53 to 9.38) | 10.1 (8.95 to 11.1) | 11.3 (9.92 to 12.7) | 0.29 (0.23 to 0.37) | 0.29 (0.22 to 0.36) | 0.29 (0.25 to 0.34) |
| <i>Hungary</i> | 12.1 (12 to 12.2) | 13.6 (13.5 to 13.7) | 15 (14 to 16) | 8.53 (7.58 to 9.4) | 9.74 (8.68 to 10.7) | 10.8 (9.51 to 12.1) | 0.29 (0.23 to 0.37) | 0.29 (0.22 to 0.36) | 0.28 (0.24 to 0.32) |
| <i>Montenegro</i> | 14.3 (14 to 14.6) | 13.2 (12.9 to 13.4) | 13.6 (12.9 to 14.2) | 10.6 (9.57 to 11.6) | 9.79 (8.83 to 10.7) | 10 (8.9 to 11) | 0.26 (0.2 to 0.31) | 0.26 (0.2 to 0.32) | 0.26 (0.22 to 0.31) |
| <i>North Macedonia</i> | 11 (10.8 to 11.2) | 10.7 (10.6 to 10.9) | 11.5 (10.6 to 12.5) | 8.06 (7.26 to 8.78) | 7.86 (7.04 to 8.6) | 8.41 (7.34 to 9.46) | 0.27 (0.22 to 0.33) | 0.27 (0.21 to 0.33) | 0.27 (0.24 to 0.31) |
| <i>Poland</i> | 12.8 (12.8 to 12.9) | 14.7 (14.7 to 14.8) | 16.3 (15.1 to 17.5) | 9.24 (8.25 to 10.1) | 10.7 (9.6 to 11.7) | 11.9 (10.4 to 13.3) | 0.28 (0.21 to 0.35) | 0.27 (0.21 to 0.35) | 0.27 (0.24 to 0.31) |
| <i>Romania</i> | 11.8 (11.7 to 11.8) | 12.7 (12.7 to 12.8) | 14.5 (13.6 to 15.5) | 8.71 (7.9 to 9.46) | 9.55 (8.69 to 10.3) | 10.8 (9.6 to 12) | 0.26 (0.2 to 0.32) | 0.25 (0.19 to 0.32) | 0.25 (0.22 to 0.29) |
| <i>Serbia</i> | 11 (10.9 to 11.1) | 11.1 (11 to 11.2) | 12.7 (11.8 to 13.6) | 8.1 (7.33 to 8.8) | 8.22 (7.43 to 8.94) | 9.3 (8.19 to 10.4) | 0.26 (0.2 to 0.33) | 0.26 (0.2 to 0.33) | 0.27 (0.24 to 0.31) |
| <i>Slovakia</i> | 12.6 (12.4 to 12.7) | 13.8 (13.6 to 13.9) | 15.2 (14 to 16.4) | 9.22 (8.31 to 10) | 10.2 (9.17 to 11.1) | 11.1 (9.8 to 12.5) | 0.27 (0.21 to 0.33) | 0.26 (0.2 to 0.33) | 0.26 (0.24 to 0.3) |
| <i>Slovenia</i> | 13.3 (12 to 14.7) | 15.8 (15.6 to 16.1) | 17.8 (16.3 to 19.2) | 9.54 (8.22 to 11) | 11.2 (9.93 to 12.4) | 12.7 (11 to 14.4) | 0.28 (0.25 to 0.32) | 0.29 (0.23 to 0.36) | 0.29 (0.25 to 0.33) |
| Eastern Europe | 12.6 (12.5 to 12.6) | 12.1 (12.1 to 12.1) | 14.3 (13.6 to 15) | 9.07 (8.14 to 9.93) | 8.84 (7.93 to 9.64) | 10.4 (9.26 to 11.5) | 0.28 (0.21 to 0.35) | 0.27 (0.21 to 0.35) | 0.27 (0.23 to 0.32) |
| <i>Belarus</i> | 13.2 (13.1 to 13.3) | 12.8 (12.7 to 12.9) | 14.3 (13 to 15.5) | 9.67 (8.71 to 10.5) | 9.45 (8.54 to 10.3) | 10.6 (9.18 to 12) | 0.27 (0.21 to 0.33) | 0.26 (0.2 to 0.33) | 0.26 (0.23 to 0.29) |
| <i>Estonia</i> | 12.5 (12.3 to 12.7) | 14.4 (14.1 to 14.6) | 16.1 (15 to 17.4) | 9.2 (8.29 to 10) | 10.6 (9.59 to 11.6) | 12 (10.5 to 13.4) | 0.26 (0.21 to 0.32) | 0.26 (0.21 to 0.32) | 0.26 (0.23 to 0.3) |
| <i>Latvia</i> | 12.7 (12.5 to 12.9) | 13.7 (13.5 to 13.9) | 15.2 (13.8 to 16.5) | 9.22 (8.27 to 10.1) | 10 (8.99 to 10.9) | 11.2 (9.72 to 12.6) | 0.27 (0.21 to 0.34) | 0.27 (0.21 to 0.33) | 0.26 (0.23 to 0.3) |
| <i>Lithuania</i> | 13.5 (13.4 to 13.7) | 14.1 (14 to 14.3) | 15.7 (14.8 to 16.7) | 9.87 (8.86 to 10.8) | 10.2 (9.22 to 11.2) | 11.6 (10.2 to 12.8) | 0.27 (0.21 to 0.34) | 0.27 (0.21 to 0.34) | 0.26 (0.23 to 0.31) |
| <i>Republic of Moldova</i> | 11.7 (11.6 to 11.8) | 12 (11.9 to 12.2) | 14.6 (13.9 to 15.3) | 8.62 (7.79 to 9.39) | 8.93 (8.07 to 9.71) | 10.8 (9.66 to 12) | 0.26 (0.2 to 0.33) | 0.26 (0.2 to 0.32) | 0.26 (0.22 to 0.31) |
| <i>Russian Federation</i> | 12.6 (12.5 to 12.6) | 12.1 (12 to 12.1) | 14.3 (13.4 to 15.3) | 9.03 (8.08 to 9.89) | 8.74 (7.82 to 9.55) | 10.4 (9.11 to 11.6) | 0.28 (0.21 to 0.35) | 0.28 (0.21 to 0.35) | 0.28 (0.24 to 0.32) |
| <i>Ukraine</i> | 12.5 (12.4 to 12.5) | 11.9 (11.9 to 11.9) | 14.1 (13.1 to 15.1) | 9.02 (8.1 to 9.86) | 8.79 (7.93 to 9.57) | 10.4 (9.24 to 11.6) | 0.28 (0.21 to 0.35) | 0.26 (0.2 to 0.33) | 0.26 (0.23 to 0.3) |

Supplementary Table 8: Life expectancy, Health-adjusted life expectancy, and proportion of years spent in ill health in all reporting locations, in 1990, 2005, 2019, Females

| location | LE-70 | | | HALE-70 | | | PYIH-70 | | |
|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 |
| High-income | 15.1 (15.1 to 15.2) | 16.9 (16.9 to 16.9) | 18 (17.9 to 18) | 10.7 (9.56 to 11.8) | 11.9 (10.6 to 13.1) | 12.6 (11.2 to 13.9) | 0.29 (0.22 to 0.37) | 0.29 (0.22 to 0.37) | 0.3 (0.23 to 0.38) |
| Australasia | 15.2 (15.2 to 15.3) | 17.3 (17.2 to 17.3) | 18.2 (18.1 to 18.3) | 10.8 (9.59 to 11.9) | 12.1 (10.8 to 13.4) | 12.7 (11.2 to 14) | 0.29 (0.22 to 0.37) | 0.3 (0.23 to 0.37) | 0.3 (0.23 to 0.38) |
| <i>Australia</i> | 15.3 (15.2 to 15.4) | 17.4 (17.4 to 17.5) | 18.3 (18.2 to 18.4) | 10.8 (9.67 to 11.9) | 12.2 (10.8 to 13.5) | 12.7 (11.3 to 14.1) | 0.29 (0.22 to 0.37) | 0.3 (0.23 to 0.38) | 0.3 (0.24 to 0.38) |
| <i>New Zealand</i> | 14.8 (14.7 to 14.9) | 16.5 (16.4 to 16.6) | 17.6 (17.4 to 17.7) | 10.4 (9.25 to 11.5) | 11.7 (10.4 to 12.8) | 12.3 (10.9 to 13.6) | 0.3 (0.23 to 0.37) | 0.29 (0.22 to 0.36) | 0.3 (0.23 to 0.37) |
| High-income Asia Pacific | 15.8 (15.8 to 15.8) | 18.7 (18.7 to 18.7) | 20.1 (20 to 20.1) | 11.5 (10.3 to 12.5) | 13.6 (12.3 to 14.9) | 14.6 (13.1 to 15.9) | 0.27 (0.21 to 0.35) | 0.27 (0.21 to 0.34) | 0.27 (0.21 to 0.34) |
| <i>Brunei Darussalam</i> | 11 (10.6 to 11.4) | 11.3 (11 to 11.7) | 12.8 (12.3 to 13.2) | 7.71 (6.85 to 8.56) | 8.03 (7.13 to 8.92) | 9.1 (8.09 to 10.1) | 0.3 (0.25 to 0.35) | 0.29 (0.23 to 0.35) | 0.29 (0.24 to 0.34) |
| <i>Japan</i> | 16.3 (16.3 to 16.4) | 19.2 (19.2 to 19.2) | 20.4 (20.3 to 20.5) | 11.9 (10.7 to 13) | 14 (12.6 to 15.3) | 14.9 (13.3 to 16.2) | 0.27 (0.21 to 0.35) | 0.27 (0.21 to 0.34) | 0.27 (0.21 to 0.34) |
| <i>Republic of Korea</i> | 12.8 (12.8 to 12.9) | 15.8 (15.7 to 15.8) | 18.3 (18.1 to 18.5) | 9.25 (8.3 to 10.1) | 11.4 (10.3 to 12.5) | 13.3 (12 to 14.6) | 0.28 (0.21 to 0.35) | 0.29 (0.21 to 0.35) | 0.27 (0.21 to 0.34) |
| <i>Singapore</i> | 14.2 (14.1 to 14.3) | 17.4 (17.2 to 17.5) | 19.4 (19.3 to 19.6) | 10.3 (9.3 to 11.3) | 12.8 (11.6 to 13.9) | 14.5 (13.1 to 15.8) | 0.27 (0.21 to 0.34) | 0.26 (0.2 to 0.33) | 0.25 (0.2 to 0.32) |
| High-income North America | 15.7 (15.7 to 15.7) | 16.2 (16.2 to 16.2) | 17.2 (17.1 to 17.2) | 10.6 (9.34 to 11.8) | 10.9 (9.58 to 12.1) | 11.2 (9.69 to 12.5) | 0.32 (0.25 to 0.4) | 0.33 (0.25 to 0.41) | 0.35 (0.27 to 0.43) |
| <i>Canada</i> | 15.9 (15.8 to 15.9) | 17.1 (17.1 to 17.2) | 18.2 (18.2 to 18.3) | 11.4 (10.2 to 12.5) | 12.3 (11 to 13.4) | 12.8 (11.4 to 14.1) | 0.28 (0.22 to 0.36) | 0.28 (0.22 to 0.36) | 0.3 (0.23 to 0.37) |
| <i>Greenland</i> | 10.7 (10.1 to 11.4) | 12.3 (11.6 to 12.9) | 14.2 (13.1 to 15.1) | 7.36 (6.49 to 8.29) | 8.48 (7.48 to 9.42) | 9.69 (8.44 to 11) | 0.31 (0.27 to 0.36) | 0.31 (0.27 to 0.36) | 0.32 (0.27 to 0.36) |
| <i>United States of America</i> | 15.7 (15.7 to 15.7) | 16.1 (16.1 to 16.1) | 17 (17 to 17.1) | 10.6 (9.26 to 11.8) | 10.8 (9.42 to 12) | 11 (9.5 to 12.4) | 0.33 (0.25 to 0.41) | 0.33 (0.26 to 0.41) | 0.35 (0.28 to 0.44) |
| Southern Latin America | 14 (14 to 14) | 15.3 (15.3 to 15.3) | 15.9 (15.7 to 16) | 10.4 (9.35 to 11.3) | 11.3 (10.2 to 12.3) | 11.6 (10.4 to 12.7) | 0.26 (0.2 to 0.33) | 0.26 (0.2 to 0.33) | 0.27 (0.21 to 0.34) |
| <i>Argentina</i> | 14.1 (14 to 14.1) | 15.2 (15.2 to 15.2) | 15.4 (15.3 to 15.5) | 10.4 (9.42 to 11.3) | 11.2 (10.2 to 12.2) | 11.4 (10.3 to 12.4) | 0.26 (0.2 to 0.33) | 0.26 (0.2 to 0.33) | 0.26 (0.2 to 0.33) |
| <i>Chile</i> | 13.7 (13.6 to 13.7) | 15.7 (15.6 to 15.7) | 16.9 (16.7 to 17) | 9.98 (8.98 to 10.9) | 11.4 (10.2 to 12.4) | 12.1 (10.8 to 13.3) | 0.27 (0.21 to 0.34) | 0.28 (0.21 to 0.35) | 0.28 (0.22 to 0.35) |
| <i>Uruguay</i> | 14.4 (14.3 to 14.5) | 15.3 (15.2 to 15.4) | 16.2 (16.1 to 16.4) | 10.7 (9.66 to 11.6) | 11.4 (10.3 to 12.4) | 11.9 (10.7 to 13) | 0.26 (0.2 to 0.33) | 0.26 (0.2 to 0.33) | 0.27 (0.21 to 0.33) |
| Western Europe | 14.7 (14.7 to 14.8) | 16.7 (16.6 to 16.7) | 17.7 (17.7 to 17.8) | 10.6 (9.52 to 11.6) | 12 (10.7 to 13.1) | 12.7 (11.3 to 13.9) | 0.28 (0.21 to 0.35) | 0.28 (0.21 to 0.36) | 0.29 (0.22 to 0.36) |
| <i>Andorra</i> | 16.8 (14.9 to 18.2) | 18.7 (16.9 to 19.8) | 18.3 (16.7 to 20.1) | 12.2 (10.5 to 13.9) | 13.4 (11.6 to 15) | 13.1 (11.3 to 14.9) | 0.27 (0.24 to 0.3) | 0.28 (0.24 to 0.31) | 0.29 (0.26 to 0.33) |
| <i>Austria</i> | 14.3 (14.2 to 14.3) | 16.3 (16.2 to 16.4) | 17.8 (17.7 to 17.9) | 10.4 (9.33 to 11.4) | 11.7 (10.5 to 12.8) | 12.8 (11.4 to 14) | 0.27 (0.21 to 0.34) | 0.28 (0.22 to 0.36) | 0.28 (0.22 to 0.35) |
| <i>Belgium</i> | 14.7 (14.7 to 14.8) | 16.4 (16.3 to 16.5) | 17.5 (17.4 to 17.7) | 10.7 (9.57 to 11.7) | 11.6 (10.4 to 12.8) | 12.4 (11 to 13.7) | 0.28 (0.21 to 0.35) | 0.29 (0.22 to 0.36) | 0.29 (0.23 to 0.37) |
| <i>Cyprus</i> | 11.3 (11.2 to 11.4) | 14 (13.8 to 14.1) | 15.6 (15.2 to 16) | 8.26 (7.41 to 9.02) | 10 (8.95 to 11) | 11.3 (10.1 to 12.4) | 0.27 (0.21 to 0.34) | 0.28 (0.22 to 0.35) | 0.28 (0.23 to 0.34) |
| <i>Denmark</i> | 14.5 (14.4 to 14.6) | 15.4 (15.3 to 15.5) | 17 (16.8 to 17.1) | 10.4 (9.29 to 11.4) | 11.1 (9.95 to 12.1) | 12.2 (10.9 to 13.3) | 0.28 (0.22 to 0.36) | 0.28 (0.22 to 0.35) | 0.28 (0.22 to 0.35) |
| <i>Finland</i> | 14.3 (14.2 to 14.4) | 16.7 (16.6 to 16.8) | 17.9 (17.7 to 18.1) | 10.3 (9.21 to 11.3) | 11.9 (10.5 to 13.1) | 12.8 (11.4 to 14.1) | 0.28 (0.21 to 0.35) | 0.29 (0.22 to 0.36) | 0.28 (0.22 to 0.36) |
| <i>France</i> | 16 (16 to 16.1) | 17.9 (17.9 to 17.9) | 19.2 (19.1 to 19.3) | 11.7 (10.4 to 12.7) | 13 (11.7 to 14.2) | 13.9 (12.5 to 15.2) | 0.27 (0.21 to 0.35) | 0.27 (0.21 to 0.35) | 0.27 (0.21 to 0.35) |
| <i>Germany</i> | 14.1 (14.1 to 14.1) | 16.2 (16.2 to 16.2) | 17 (16.9 to 17.1) | 10.2 (9.19 to 11.2) | 11.7 (10.5 to 12.8) | 12.1 (10.8 to 13.3) | 0.27 (0.21 to 0.35) | 0.28 (0.21 to 0.35) | 0.29 (0.22 to 0.36) |
| <i>Greece</i> | 14 (13.9 to 14.1) | 15.2 (15.2 to 15.3) | 16.7 (16.5 to 16.8) | 10.2 (9.21 to 11.1) | 11.1 (9.97 to 12.1) | 12.1 (11 to 13.3) | 0.27 (0.21 to 0.34) | 0.27 (0.21 to 0.34) | 0.27 (0.21 to 0.34) |
| <i>Iceland</i> | 15.5 (15.2 to 15.8) | 17.3 (16.7 to 17.9) | 19.7 (19.2 to 20.2) | 11.2 (10 to 12.2) | 12.3 (11 to 13.6) | 14.1 (12.6 to 15.5) | 0.28 (0.23 to 0.34) | 0.29 (0.24 to 0.35) | 0.29 (0.23 to 0.34) |
| <i>Ireland</i> | 13.4 (13.3 to 13.5) | 15.7 (15.6 to 15.8) | 17.2 (17 to 17.4) | 9.74 (8.78 to 10.6) | 11.3 (10.2 to 12.3) | 12.3 (11.1 to 13.5) | 0.27 (0.21 to 0.34) | 0.28 (0.22 to 0.35) | 0.28 (0.22 to 0.35) |
| <i>Israel</i> | 14.2 (14.1 to 14.3) | 15.8 (15.8 to 15.9) | 17.6 (17.5 to 17.8) | 10.4 (9.37 to 11.3) | 11.5 (10.3 to 12.5) | 12.8 (11.5 to 14) | 0.27 (0.21 to 0.34) | 0.28 (0.21 to 0.35) | 0.27 (0.21 to 0.34) |
| <i>Italy</i> | 15.1 (15.1 to 15.2) | 17.1 (17.1 to 17.2) | 18.2 (18.1 to 18.3) | 10.6 (9.44 to 11.7) | 12.1 (10.8 to 13.4) | 12.9 (11.5 to 14.2) | 0.3 (0.23 to 0.37) | 0.29 (0.22 to 0.37) | 0.29 (0.22 to 0.36) |
| <i>Luxembourg</i> | 14.3 (14.1 to 14.5) | 16.2 (15.9 to 16.5) | 18.2 (17.5 to 18.8) | 10.4 (9.3 to 11.3) | 11.5 (10.3 to 12.6) | 12.8 (11.4 to 14.2) | 0.27 (0.22 to 0.34) | 0.29 (0.23 to 0.35) | 0.3 (0.24 to 0.35) |
| <i>Malta</i> | 14 (13.8 to 14.3) | 16.4 (16.1 to 16.7) | 18.2 (17.6 to 18.8) | 10.2 (9.16 to 11.2) | 11.8 (10.5 to 12.9) | 13 (11.6 to 14.4) | 0.27 (0.22 to 0.34) | 0.28 (0.22 to 0.34) | 0.28 (0.23 to 0.34) |
| <i>Monaco</i> | 15.8 (14.8 to 17.4) | 16.1 (15.2 to 17.8) | 16.6 (15.7 to 18.2) | 11.6 (10.3 to 13.2) | 11.8 (10.3 to 13.3) | 12 (10.6 to 13.6) | 0.26 (0.24 to 0.3) | 0.27 (0.25 to 0.32) | 0.28 (0.25 to 0.33) |
| <i>Netherlands</i> | 15.3 (15.2 to 15.3) | 16.1 (16 to 16.2) | 17.1 (17 to 17.3) | 11.1 (10.1 to 12.2) | 11.8 (10.6 to 12.8) | 12.2 (10.9 to 13.4) | 0.27 (0.21 to 0.34) | 0.27 (0.21 to 0.34) | 0.29 (0.23 to 0.36) |
| <i>Norway</i> | 15.1 (15 to 15.2) | 16.7 (16.6 to 16.8) | 17.8 (17.7 to 17.9) | 10.8 (9.57 to 11.8) | 11.9 (10.6 to 13) | 12.4 (11 to 13.7) | 0.29 (0.22 to 0.36) | 0.29 (0.22 to 0.36) | 0.3 (0.24 to 0.38) |
| <i>Portugal</i> | 13.5 (13.4 to 13.5) | 15.9 (15.8 to 16) | 17.6 (17.5 to 17.7) | 9.66 (8.68 to 10.6) | 11.3 (10.1 to 12.4) | 12.6 (11.2 to 13.8) | 0.28 (0.22 to 0.35) | 0.29 (0.22 to 0.36) | 0.28 (0.22 to 0.36) |
| <i>San Marino</i> | 16.4 (15.7 to 17.3) | 17.3 (15.6 to 18.9) | 18 (15.7 to 20.2) | 12.1 (10.8 to 13.3) | 12.7 (10.9 to 14.4) | 13.1 (11 to 15.2) | 0.27 (0.23 to 0.31) | 0.27 (0.24 to 0.3) | 0.27 (0.25 to 0.3) |
| <i>Spain</i> | 15.1 (15.1 to 15.2) | 17.2 (17.2 to 17.3) | 18.6 (18.5 to 18.7) | 10.9 (9.78 to 11.9) | 12.4 (11.1 to 13.6) | 13.3 (11.9 to 14.6) | 0.28 (0.21 to 0.35) | 0.28 (0.21 to 0.35) | 0.28 (0.22 to 0.36) |

Supplementary Table 8: Life expectancy, Health-adjusted life expectancy, and proportion of years spent in ill health in all reporting locations, in 1990, 2005, 2019, Females

| location | LE-70 | | | HALE-70 | | | PYIH-70 | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 |
| <i>Sweden</i> | 15.5 (15.4 to 15.6) | 16.9 (16.8 to 17) | 17.7 (17.6 to 17.8) | 11.3 (10.1 to 12.3) | 12.1 (10.8 to 13.2) | 12.6 (11.2 to 13.8) | 0.27 (0.21 to 0.35) | 0.28 (0.22 to 0.36) | 0.29 (0.22 to 0.36) |
| <i>Switzerland</i> | 16 (15.9 to 16.1) | 17.7 (17.6 to 17.7) | 18.7 (18.6 to 18.9) | 11.4 (10.2 to 12.5) | 12.7 (11.3 to 13.9) | 13.4 (12 to 14.7) | 0.29 (0.22 to 0.36) | 0.28 (0.22 to 0.36) | 0.29 (0.22 to 0.36) |
| <i>United Kingdom</i> | 14.3 (14.3 to 14.3) | 15.9 (15.8 to 15.9) | 16.8 (16.7 to 16.9) | 10.4 (9.31 to 11.3) | 11.4 (10.2 to 12.5) | 11.9 (10.6 to 13.1) | 0.27 (0.21 to 0.35) | 0.28 (0.21 to 0.35) | 0.29 (0.22 to 0.37) |
| Latin America and Caribbean | 13.7 (13.7 to 13.8) | 15.4 (15.4 to 15.5) | 16.1 (15.7 to 16.6) | 9.86 (8.8 to 10.8) | 11.2 (10 to 12.2) | 11.7 (10.4 to 12.8) | 0.28 (0.22 to 0.36) | 0.28 (0.21 to 0.35) | 0.28 (0.23 to 0.33) |
| <i>Andean Latin America</i> | 14.1 (13.8 to 14.5) | 15.3 (14.9 to 15.7) | 16 (15 to 16.9) | 10.4 (9.37 to 11.4) | 11.3 (10.1 to 12.4) | 11.7 (10.4 to 13) | 0.26 (0.21 to 0.32) | 0.26 (0.21 to 0.32) | 0.27 (0.23 to 0.31) |
| <i>Bolivia (Plurinational State of)</i> | 11.2 (10.8 to 11.6) | 12.1 (11.7 to 12.4) | 12.1 (11.5 to 12.6) | 8.21 (7.36 to 9.05) | 8.92 (7.99 to 9.76) | 8.88 (7.86 to 9.86) | 0.27 (0.22 to 0.32) | 0.26 (0.21 to 0.32) | 0.26 (0.22 to 0.31) |
| <i>Ecuador</i> | 14 (13.9 to 14.1) | 15.1 (14.6 to 15.5) | 15.3 (14.2 to 16.4) | 10.4 (9.45 to 11.3) | 11.1 (10 to 12.2) | 11.2 (9.77 to 12.5) | 0.26 (0.2 to 0.32) | 0.26 (0.21 to 0.32) | 0.27 (0.24 to 0.31) |
| <i>Peru</i> | 15.1 (14.5 to 15.8) | 16.6 (15.8 to 17.4) | 17.7 (16.1 to 19.3) | 11.2 (9.97 to 12.4) | 12.2 (10.9 to 13.5) | 13 (11.4 to 14.7) | 0.26 (0.22 to 0.31) | 0.26 (0.22 to 0.31) | 0.26 (0.24 to 0.29) |
| Caribbean | 13.9 (13.8 to 14) | 15 (14.8 to 15.2) | 15.6 (14.8 to 16.3) | 10.4 (9.38 to 11.3) | 11.1 (10 to 12.1) | 11.4 (10.2 to 12.6) | 0.25 (0.2 to 0.32) | 0.26 (0.21 to 0.32) | 0.27 (0.23 to 0.31) |
| <i>Antigua and Barbuda</i> | 15.1 (14.6 to 15.5) | 14.3 (13.8 to 14.6) | 14.1 (13.6 to 14.6) | 11.4 (10.3 to 12.4) | 10.7 (9.59 to 11.7) | 10.5 (9.42 to 11.5) | 0.24 (0.2 to 0.29) | 0.25 (0.2 to 0.3) | 0.26 (0.21 to 0.31) |
| <i>Bahamas</i> | 14.5 (14.2 to 14.9) | 15.2 (14.8 to 15.6) | 15.5 (14.4 to 16.5) | 11 (9.96 to 12) | 11.4 (10.3 to 12.5) | 11.6 (10.2 to 12.9) | 0.24 (0.2 to 0.3) | 0.25 (0.2 to 0.3) | 0.25 (0.22 to 0.29) |
| <i>Barbados</i> | 13.9 (13.7 to 14.2) | 14.2 (13.9 to 14.5) | 14.4 (13.7 to 15.3) | 10.6 (9.64 to 11.5) | 10.7 (9.65 to 11.7) | 10.8 (9.59 to 11.9) | 0.24 (0.19 to 0.29) | 0.25 (0.2 to 0.31) | 0.25 (0.22 to 0.3) |
| <i>Belize</i> | 14 (13.6 to 14.4) | 14.7 (14.4 to 14.9) | 16 (15.3 to 16.7) | 10.6 (9.58 to 11.5) | 11 (9.98 to 11.9) | 11.9 (10.7 to 13.1) | 0.24 (0.2 to 0.3) | 0.25 (0.2 to 0.31) | 0.25 (0.21 to 0.3) |
| <i>Bermuda</i> | 13.7 (13.5 to 13.9) | 17.1 (16.2 to 18) | 18.7 (17.5 to 19.6) | 10.5 (9.51 to 11.3) | 12.9 (11.5 to 14.2) | 14.1 (12.5 to 15.5) | 0.24 (0.19 to 0.3) | 0.24 (0.21 to 0.29) | 0.25 (0.21 to 0.28) |
| <i>Cuba</i> | 14.5 (14.4 to 14.6) | 15.5 (15.4 to 15.6) | 16.2 (15.2 to 17.4) | 10.7 (9.6 to 11.6) | 11.4 (10.2 to 12.4) | 11.7 (10.3 to 13.1) | 0.26 (0.2 to 0.33) | 0.27 (0.21 to 0.34) | 0.28 (0.24 to 0.32) |
| <i>Dominica</i> | 12.7 (12.3 to 13.2) | 13.6 (13 to 14.3) | 13.4 (12.6 to 14.1) | 9.58 (8.66 to 10.5) | 10.2 (9.13 to 11.2) | 9.99 (8.85 to 11.1) | 0.24 (0.2 to 0.3) | 0.25 (0.22 to 0.3) | 0.26 (0.21 to 0.3) |
| <i>Dominican Republic</i> | 15.6 (15 to 16.1) | 15.8 (15.1 to 16.6) | 15.1 (14 to 16) | 11.9 (10.8 to 13) | 12 (10.7 to 13.1) | 11.4 (10.1 to 12.6) | 0.24 (0.2 to 0.28) | 0.24 (0.21 to 0.29) | 0.25 (0.21 to 0.28) |
| <i>Grenada</i> | 12.7 (12.3 to 13.1) | 14.5 (14.1 to 14.8) | 13.5 (13.1 to 13.9) | 9.59 (8.61 to 10.5) | 10.8 (9.73 to 11.8) | 10 (8.97 to 11) | 0.25 (0.2 to 0.3) | 0.25 (0.2 to 0.31) | 0.26 (0.21 to 0.32) |
| <i>Guyana</i> | 10.2 (9.65 to 10.9) | 11.5 (11 to 12.1) | 12.3 (11.2 to 13.5) | 7.52 (6.64 to 8.39) | 8.44 (7.46 to 9.36) | 8.97 (7.76 to 10.3) | 0.26 (0.23 to 0.31) | 0.27 (0.23 to 0.32) | 0.27 (0.24 to 0.31) |
| <i>Haiti</i> | 9.81 (9.43 to 10.2) | 10.3 (9.68 to 10.9) | 11.1 (9.69 to 12.2) | 7.36 (6.63 to 8.11) | 7.7 (6.82 to 8.56) | 8.16 (6.88 to 9.35) | 0.25 (0.21 to 0.3) | 0.25 (0.22 to 0.3) | 0.26 (0.24 to 0.29) |
| <i>Jamaica</i> | 15.1 (14.9 to 15.3) | 16.6 (16.3 to 16.9) | 15.7 (14.5 to 17) | 11.4 (10.4 to 12.4) | 12.4 (11.1 to 13.5) | 11.7 (10.3 to 13.2) | 0.24 (0.19 to 0.3) | 0.26 (0.2 to 0.32) | 0.26 (0.22 to 0.29) |
| <i>Puerto Rico</i> | 15.1 (14.9 to 15.2) | 17.1 (16.9 to 17.3) | 18.4 (17 to 19.9) | 11.2 (10.2 to 12.2) | 12.5 (11.3 to 13.8) | 13.5 (11.8 to 15.2) | 0.25 (0.2 to 0.32) | 0.27 (0.21 to 0.33) | 0.27 (0.24 to 0.31) |
| <i>Saint Kitts and Nevis</i> | 10 (9.68 to 10.4) | 12.9 (12.5 to 13.3) | 13.3 (12.5 to 13.9) | 7.47 (6.72 to 8.2) | 9.54 (8.52 to 10.5) | 9.82 (8.7 to 10.9) | 0.26 (0.21 to 0.31) | 0.26 (0.21 to 0.32) | 0.26 (0.22 to 0.3) |
| <i>Saint Lucia</i> | 12.4 (12.1 to 12.6) | 14.9 (14.6 to 15.3) | 15.5 (14.7 to 16.3) | 9.08 (8.11 to 9.95) | 10.9 (9.81 to 12) | 11.2 (9.93 to 12.5) | 0.27 (0.21 to 0.33) | 0.27 (0.21 to 0.33) | 0.28 (0.23 to 0.33) |
| <i>Saint Vincent and the Grenadines</i> | 12.1 (11.9 to 12.3) | 14.2 (13.9 to 14.5) | 13.3 (12.7 to 13.9) | 9.1 (8.24 to 9.87) | 10.5 (9.5 to 11.5) | 9.82 (8.71 to 10.9) | 0.25 (0.2 to 0.31) | 0.26 (0.21 to 0.31) | 0.26 (0.22 to 0.31) |
| <i>Suriname</i> | 13.5 (13.3 to 13.8) | 14.9 (14.6 to 15.2) | 15 (14.2 to 15.9) | 10.1 (9.08 to 11) | 10.9 (9.81 to 11.9) | 10.9 (9.65 to 12.2) | 0.26 (0.21 to 0.32) | 0.27 (0.21 to 0.33) | 0.27 (0.24 to 0.32) |
| <i>Trinidad and Tobago</i> | 12.5 (12.3 to 12.7) | 14.6 (14.3 to 14.8) | 15.7 (14.1 to 17.3) | 9.32 (8.4 to 10.1) | 10.8 (9.72 to 11.8) | 11.6 (10 to 13.3) | 0.26 (0.2 to 0.32) | 0.26 (0.2 to 0.32) | 0.26 (0.23 to 0.29) |
| <i>United States Virgin Islands</i> | 13.5 (13 to 14.2) | 14.2 (13.9 to 14.5) | 14.6 (14.1 to 15.2) | 10.3 (9.32 to 11.2) | 10.7 (9.72 to 11.7) | 10.9 (9.84 to 12) | 0.24 (0.21 to 0.28) | 0.24 (0.2 to 0.3) | 0.25 (0.21 to 0.3) |
| Central Latin America | 13.8 (13.7 to 13.8) | 15.4 (15.4 to 15.5) | 16.2 (15.5 to 16.9) | 9.76 (8.67 to 10.8) | 11.1 (9.94 to 12.2) | 11.6 (10.3 to 12.8) | 0.29 (0.22 to 0.37) | 0.28 (0.21 to 0.35) | 0.28 (0.24 to 0.34) |
| <i>Colombia</i> | 14.1 (14 to 14.1) | 16.5 (16.4 to 16.5) | 18.3 (16.9 to 19.8) | 10.2 (9.12 to 11.1) | 12 (10.8 to 13.1) | 13.4 (11.8 to 15.1) | 0.28 (0.21 to 0.35) | 0.27 (0.21 to 0.34) | 0.27 (0.24 to 0.3) |
| <i>Costa Rica</i> | 15.7 (15.5 to 15.9) | 17 (16.8 to 17.2) | 17.8 (16.4 to 19.2) | 11.3 (10.1 to 12.4) | 12.3 (11 to 13.5) | 12.8 (11.2 to 14.5) | 0.28 (0.22 to 0.35) | 0.28 (0.22 to 0.34) | 0.28 (0.24 to 0.31) |
| <i>El Salvador</i> | 15.9 (15.8 to 16.1) | 16.8 (16.7 to 17) | 16.5 (15 to 18.2) | 11.6 (10.4 to 12.7) | 12.2 (11 to 13.4) | 12 (10.4 to 13.7) | 0.28 (0.21 to 0.34) | 0.28 (0.21 to 0.34) | 0.27 (0.25 to 0.31) |
| <i>Guatemala</i> | 10.7 (10.2 to 11.2) | 13.1 (12.5 to 13.7) | 14.6 (13.5 to 15.7) | 7.74 (6.88 to 8.64) | 9.42 (8.33 to 10.5) | 10.4 (9.13 to 11.8) | 0.28 (0.23 to 0.33) | 0.28 (0.24 to 0.34) | 0.28 (0.25 to 0.32) |
| <i>Honduras</i> | 15.5 (14.7 to 16.3) | 12.7 (11.6 to 13.8) | 12.5 (11.7 to 12.8) | 11.1 (9.83 to 12.4) | 9.29 (8.05 to 10.5) | 9.07 (8.04 to 9.96) | 0.28 (0.24 to 0.33) | 0.27 (0.24 to 0.31) | 0.27 (0.22 to 0.31) |
| <i>Mexico</i> | 13.4 (13.3 to 13.4) | 14.9 (14.9 to 14.9) | 15.6 (14.9 to 16.2) | 9.28 (8.18 to 10.3) | 10.6 (9.45 to 11.6) | 11 (9.69 to 12.3) | 0.31 (0.23 to 0.39) | 0.29 (0.22 to 0.36) | 0.29 (0.24 to 0.35) |
| <i>Nicaragua</i> | 18.5 (18.2 to 18.7) | 13.2 (13.1 to 13.4) | 14.3 (13.8 to 14.9) | 13.2 (11.8 to 14.5) | 9.75 (8.81 to 10.6) | 10.5 (9.39 to 11.5) | 0.29 (0.22 to 0.35) | 0.26 (0.21 to 0.33) | 0.27 (0.23 to 0.32) |
| <i>Panama</i> | 16.5 (16.2 to 16.7) | 17.4 (17.2 to 17.7) | 18.5 (17.1 to 19.9) | 12 (10.7 to 13.1) | 12.7 (11.4 to 13.9) | 13.4 (11.7 to 15.1) | 0.27 (0.22 to 0.34) | 0.27 (0.21 to 0.34) | 0.28 (0.24 to 0.31) |
| <i>Venezuela (Bolivarian Republic of)</i> | 14.5 (14.5 to 14.6) | 16.9 (16.8 to 17) | 16.2 (14.6 to 17.7) | 10.5 (9.38 to 11.5) | 12.2 (11 to 13.4) | 11.7 (10.2 to 13.4) | 0.28 (0.21 to 0.35) | 0.28 (0.21 to 0.35) | 0.27 (0.24 to 0.3) |
| Tropical Latin America | 13.4 (13.3 to 13.5) | 15.5 (15.4 to 15.6) | 16.3 (16.1 to 16.5) | 9.56 (8.52 to 10.5) | 11.2 (9.95 to 12.2) | 11.8 (10.6 to 12.9) | 0.29 (0.22 to 0.36) | 0.28 (0.22 to 0.35) | 0.28 (0.22 to 0.34) |

Supplementary Table 8: Life expectancy, Health-adjusted life expectancy, and proportion of years spent in ill health in all reporting locations, in 1990, 2005, 2019, Females

| location | LE-70 | | | HALE-70 | | | PYIH-70 | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 |
| Brazil | 13.4 (13.3 to 13.5) | 15.5 (15.4 to 15.6) | 16.3 (16.1 to 16.5) | 9.5 (8.47 to 10.5) | 11.1 (9.94 to 12.2) | 11.8 (10.6 to 12.9) | 0.29 (0.22 to 0.36) | 0.28 (0.22 to 0.36) | 0.28 (0.22 to 0.34) |
| Paraguay | 16 (15.4 to 16.7) | 16.1 (15.5 to 16.7) | 16.4 (15 to 17.9) | 11.8 (10.4 to 13) | 11.9 (10.6 to 13.1) | 12 (10.5 to 13.6) | 0.27 (0.22 to 0.32) | 0.26 (0.22 to 0.31) | 0.27 (0.24 to 0.3) |
| North Africa and Middle East | 11.7 (11.5 to 11.9) | 13 (12.7 to 13.2) | 13.3 (12.9 to 13.8) | 8.42 (7.52 to 9.26) | 9.26 (8.28 to 10.2) | 9.47 (8.43 to 10.5) | 0.28 (0.22 to 0.35) | 0.29 (0.23 to 0.35) | 0.29 (0.24 to 0.35) |
| North Africa and Middle East | 11.7 (11.5 to 11.9) | 13 (12.7 to 13.2) | 13.3 (12.9 to 13.8) | 8.42 (7.52 to 9.26) | 9.26 (8.28 to 10.2) | 9.47 (8.43 to 10.5) | 0.28 (0.22 to 0.35) | 0.29 (0.23 to 0.35) | 0.29 (0.24 to 0.35) |
| Afghanistan | 9.39 (8.73 to 10.1) | 9.44 (8.4 to 10.3) | 9.61 (8.73 to 10.7) | 6.47 (5.55 to 7.3) | 6.5 (5.47 to 7.43) | 6.53 (5.54 to 7.55) | 0.31 (0.28 to 0.36) | 0.31 (0.28 to 0.35) | 0.32 (0.29 to 0.37) |
| Algeria | 10.9 (10.3 to 11.4) | 12.4 (11.7 to 13.1) | 13.2 (12.6 to 13.8) | 7.97 (7.06 to 8.86) | 8.99 (8.03 to 10) | 9.49 (8.4 to 10.5) | 0.27 (0.23 to 0.32) | 0.27 (0.23 to 0.32) | 0.28 (0.24 to 0.33) |
| Bahrain | 9.91 (9.45 to 10.4) | 9.97 (9.52 to 10.4) | 12.2 (11.4 to 13.1) | 6.96 (6.15 to 7.73) | 6.95 (6.12 to 7.79) | 8.45 (7.34 to 9.56) | 0.3 (0.26 to 0.35) | 0.3 (0.25 to 0.36) | 0.31 (0.27 to 0.36) |
| Egypt | 9.91 (9.88 to 9.94) | 9.86 (9.83 to 9.89) | 9.88 (8.97 to 10.9) | 7.26 (6.53 to 7.92) | 7.18 (6.46 to 7.84) | 7.15 (6.2 to 8.16) | 0.27 (0.2 to 0.34) | 0.27 (0.21 to 0.34) | 0.28 (0.25 to 0.31) |
| Iran (Islamic Republic of) | 12.4 (12.1 to 12.6) | 13.6 (13.5 to 13.8) | 14.6 (14.4 to 14.8) | 8.7 (7.73 to 9.61) | 9.61 (8.57 to 10.6) | 10.2 (9.07 to 11.3) | 0.3 (0.24 to 0.36) | 0.3 (0.23 to 0.37) | 0.3 (0.23 to 0.37) |
| Iraq | 12.5 (11.7 to 13.4) | 12.3 (11.2 to 13.3) | 13.7 (12.9 to 14.5) | 8.63 (7.52 to 9.74) | 8.66 (7.45 to 9.8) | 9.67 (8.5 to 10.8) | 0.31 (0.28 to 0.36) | 0.29 (0.27 to 0.34) | 0.29 (0.26 to 0.34) |
| Jordan | 10.9 (10.3 to 11.5) | 11 (10.4 to 11.6) | 14.5 (13.3 to 15.5) | 7.83 (6.92 to 8.71) | 7.89 (6.97 to 8.81) | 10.4 (9.05 to 11.7) | 0.28 (0.24 to 0.33) | 0.28 (0.24 to 0.33) | 0.28 (0.25 to 0.32) |
| Kuwait | 14.5 (14.3 to 14.8) | 17.1 (16.8 to 17.3) | 18.3 (17.2 to 19.4) | 10.5 (9.4 to 11.6) | 12.1 (10.8 to 13.3) | 13 (11.4 to 14.7) | 0.28 (0.22 to 0.34) | 0.29 (0.23 to 0.36) | 0.29 (0.24 to 0.34) |
| Lebanon | 12.4 (11.7 to 12.9) | 13.7 (13.3 to 14.1) | 14.9 (14.5 to 15.3) | 8.9 (7.89 to 9.84) | 9.79 (8.73 to 10.8) | 10.5 (9.24 to 11.6) | 0.28 (0.23 to 0.33) | 0.29 (0.24 to 0.34) | 0.3 (0.24 to 0.36) |
| Libya | 14.5 (13.7 to 15.5) | 16.2 (16 to 16.6) | 15.2 (14.1 to 16.4) | 10.4 (9.14 to 11.6) | 11.4 (10.1 to 12.7) | 10.7 (9.24 to 12.1) | 0.29 (0.25 to 0.33) | 0.3 (0.24 to 0.36) | 0.3 (0.26 to 0.34) |
| Morocco | 11.9 (11.7 to 12.3) | 12 (11.3 to 12.6) | 12.6 (12.1 to 13.5) | 8.67 (7.79 to 9.53) | 8.64 (7.66 to 9.63) | 9.06 (8.05 to 10.2) | 0.27 (0.22 to 0.33) | 0.28 (0.23 to 0.32) | 0.28 (0.24 to 0.33) |
| Oman | 10.1 (9.22 to 11.2) | 10.9 (10.6 to 11.2) | 11.3 (10.7 to 11.8) | 7.24 (6.29 to 8.3) | 7.76 (6.86 to 8.58) | 7.97 (7.03 to 8.91) | 0.28 (0.26 to 0.32) | 0.29 (0.23 to 0.35) | 0.29 (0.25 to 0.34) |
| Palestine | 11.3 (10.3 to 12.6) | 12.5 (12.1 to 13) | 12.3 (11.6 to 13) | 8.13 (7.03 to 9.31) | 8.95 (7.94 to 9.85) | 8.74 (7.71 to 9.8) | 0.28 (0.26 to 0.32) | 0.29 (0.24 to 0.34) | 0.29 (0.25 to 0.34) |
| Qatar | 10.2 (9.43 to 11) | 8.8 (8.16 to 9.5) | 9.66 (8.99 to 10.4) | 7.13 (6.24 to 8.08) | 6.01 (5.17 to 6.84) | 6.68 (5.77 to 7.6) | 0.3 (0.26 to 0.34) | 0.32 (0.28 to 0.37) | 0.31 (0.27 to 0.36) |
| Saudi Arabia | 11.4 (10.8 to 12.1) | 12.5 (12.1 to 12.8) | 13.7 (12.6 to 14.9) | 7.79 (6.82 to 8.81) | 8.54 (7.44 to 9.56) | 9.41 (8.07 to 10.7) | 0.32 (0.27 to 0.37) | 0.31 (0.25 to 0.38) | 0.31 (0.28 to 0.36) |
| Sudan | 11.2 (10.8 to 11.6) | 12.1 (11.4 to 12.9) | 12.5 (11.8 to 12.8) | 8.06 (7.2 to 8.87) | 8.67 (7.67 to 9.63) | 8.95 (7.89 to 9.92) | 0.28 (0.23 to 0.33) | 0.28 (0.25 to 0.33) | 0.28 (0.23 to 0.33) |
| Syrian Arab Republic | 11.6 (10.8 to 12.5) | 11.9 (11.3 to 12.6) | 11.8 (10.8 to 12.7) | 8.44 (7.42 to 9.45) | 8.69 (7.67 to 9.64) | 8.42 (7.27 to 9.53) | 0.27 (0.25 to 0.31) | 0.27 (0.24 to 0.32) | 0.29 (0.25 to 0.33) |
| Tunisia | 13.7 (13.2 to 14.3) | 14.3 (13.2 to 15.6) | 15.1 (13.8 to 16.5) | 10 (8.93 to 11) | 10.4 (9.06 to 11.8) | 10.8 (9.38 to 12.3) | 0.27 (0.23 to 0.32) | 0.27 (0.25 to 0.31) | 0.28 (0.26 to 0.32) |
| Turkey | 13.5 (12.9 to 14.1) | 16.8 (16.1 to 17.6) | 15.3 (14.2 to 16.5) | 9.71 (8.6 to 10.8) | 11.9 (10.5 to 13.2) | 10.9 (9.53 to 12.3) | 0.28 (0.24 to 0.33) | 0.3 (0.25 to 0.35) | 0.29 (0.25 to 0.33) |
| United Arab Emirates | 9.69 (9.13 to 10.3) | 7.32 (6.97 to 7.71) | 13 (11.9 to 13.9) | 6.83 (6.01 to 7.68) | 5.14 (4.51 to 5.73) | 8.93 (7.67 to 10.1) | 0.3 (0.25 to 0.34) | 0.3 (0.26 to 0.35) | 0.31 (0.27 to 0.35) |
| Yemen | 11.1 (10.3 to 11.7) | 11.9 (11 to 12.5) | 12.1 (11.1 to 12.7) | 7.95 (6.99 to 8.83) | 8.53 (7.55 to 9.57) | 8.68 (7.5 to 9.7) | 0.28 (0.24 to 0.32) | 0.28 (0.23 to 0.32) | 0.28 (0.24 to 0.32) |
| South Asia | 9.73 (9.47 to 10) | 11.2 (10.9 to 11.4) | 12.8 (12 to 13.7) | 6.54 (5.74 to 7.33) | 7.53 (6.59 to 8.39) | 8.59 (7.47 to 9.76) | 0.33 (0.27 to 0.39) | 0.33 (0.27 to 0.39) | 0.33 (0.29 to 0.38) |
| South Asia | 9.73 (9.47 to 10) | 11.2 (10.9 to 11.4) | 12.8 (12 to 13.7) | 6.54 (5.74 to 7.33) | 7.53 (6.59 to 8.39) | 8.59 (7.47 to 9.76) | 0.33 (0.27 to 0.39) | 0.33 (0.27 to 0.39) | 0.33 (0.29 to 0.38) |
| Bangladesh | 11.1 (10.7 to 11.5) | 12 (11.6 to 12.4) | 14.3 (13.3 to 15.4) | 7.83 (6.93 to 8.65) | 8.52 (7.58 to 9.44) | 10.2 (8.94 to 11.5) | 0.29 (0.25 to 0.35) | 0.29 (0.24 to 0.34) | 0.29 (0.25 to 0.33) |
| Bhutan | 10.9 (10.3 to 11.2) | 12.2 (11.8 to 12.7) | 12.6 (12.4 to 13.4) | 7.7 (6.86 to 8.5) | 8.65 (7.76 to 9.55) | 8.96 (7.99 to 9.9) | 0.29 (0.24 to 0.33) | 0.29 (0.25 to 0.34) | 0.29 (0.26 to 0.36) |
| India | 9.38 (9.09 to 9.7) | 11.1 (10.8 to 11.5) | 12.7 (11.8 to 13.8) | 6.22 (5.42 to 7.01) | 7.43 (6.5 to 8.32) | 8.49 (7.31 to 9.74) | 0.34 (0.28 to 0.4) | 0.33 (0.27 to 0.4) | 0.33 (0.29 to 0.38) |
| Nepal | 10.6 (9.97 to 11) | 12.1 (11.9 to 12.5) | 12.1 (11.7 to 12.9) | 7.33 (6.47 to 8.19) | 8.41 (7.51 to 9.26) | 8.47 (7.47 to 9.51) | 0.31 (0.26 to 0.35) | 0.3 (0.26 to 0.37) | 0.3 (0.26 to 0.36) |
| Pakistan | 11 (10.6 to 11.3) | 10.6 (10.3 to 11.1) | 11.6 (10.4 to 12.5) | 7.64 (6.76 to 8.46) | 7.35 (6.45 to 8.19) | 8 (6.89 to 9.17) | 0.3 (0.25 to 0.36) | 0.31 (0.26 to 0.37) | 0.31 (0.27 to 0.34) |
| Southeast Asia, East Asia, and Oceania | 11.6 (11.2 to 12.2) | 12.9 (12.5 to 13.2) | 14.8 (14 to 15.7) | 8.25 (7.31 to 9.15) | 9.1 (8.09 to 10) | 10.4 (9.21 to 11.6) | 0.29 (0.25 to 0.34) | 0.29 (0.24 to 0.35) | 0.3 (0.26 to 0.34) |
| East Asia | 11.4 (10.9 to 12.2) | 12.9 (12.4 to 13.3) | 15.1 (14.1 to 16.2) | 8.15 (7.2 to 9.09) | 9.12 (8.08 to 10.1) | 10.6 (9.33 to 12) | 0.29 (0.25 to 0.34) | 0.29 (0.25 to 0.35) | 0.3 (0.26 to 0.34) |
| China | 11.4 (10.8 to 12.1) | 12.9 (12.4 to 13.3) | 15.1 (14.1 to 16.3) | 8.12 (7.16 to 9.05) | 9.09 (8.04 to 10) | 10.6 (9.3 to 11.9) | 0.29 (0.25 to 0.34) | 0.29 (0.25 to 0.35) | 0.3 (0.27 to 0.34) |
| Democratic People's Republic of Korea | 12.3 (11.7 to 13) | 12.2 (11.9 to 12.8) | 13.8 (12.7 to 14.5) | 8.86 (7.98 to 9.76) | 8.79 (7.97 to 9.64) | 9.94 (8.82 to 11) | 0.28 (0.25 to 0.31) | 0.28 (0.25 to 0.33) | 0.28 (0.24 to 0.31) |
| Taiwan (Province of China) | 13.7 (13.6 to 13.8) | 16.1 (16 to 16.2) | 17.5 (16 to 18.9) | 9.8 (8.82 to 10.7) | 11.6 (10.4 to 12.7) | 12.6 (11 to 14.2) | 0.28 (0.22 to 0.35) | 0.28 (0.22 to 0.35) | 0.28 (0.25 to 0.31) |
| Oceania | 11.2 (10.7 to 11.7) | 11.2 (10.5 to 11.8) | 11.5 (10.4 to 12.3) | 7.86 (6.95 to 8.73) | 7.78 (6.81 to 8.71) | 7.94 (6.84 to 9.03) | 0.3 (0.25 to 0.35) | 0.3 (0.26 to 0.35) | 0.31 (0.27 to 0.34) |
| American Samoa | 12.7 (12.3 to 13.1) | 13.1 (12.6 to 13.5) | 13 (12 to 14) | 8.82 (7.8 to 9.75) | 8.99 (7.88 to 9.97) | 8.85 (7.56 to 10.1) | 0.3 (0.26 to 0.37) | 0.32 (0.26 to 0.38) | 0.32 (0.28 to 0.37) |

Supplementary Table 8: Life expectancy, Health-adjusted life expectancy, and proportion of years spent in ill health in all reporting locations, in 1990, 2005, 2019, Females

| location | LE-70 | | | HALE-70 | | | PYIH-70 | | |
|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 |
| Cook Islands | 12 (11.3 to 12.5) | 14.4 (13.8 to 14.8) | 14.7 (13.6 to 15.8) | 8.32 (7.27 to 9.28) | 9.76 (8.62 to 10.9) | 9.99 (8.58 to 11.4) | 0.31 (0.26 to 0.36) | 0.32 (0.26 to 0.38) | 0.32 (0.28 to 0.37) |
| Fiji | 11.2 (10.4 to 12) | 11.4 (11.2 to 11.5) | 11.5 (10.4 to 12.7) | 7.84 (6.85 to 8.89) | 7.81 (6.86 to 8.71) | 7.93 (6.76 to 9.13) | 0.3 (0.26 to 0.34) | 0.31 (0.24 to 0.39) | 0.31 (0.28 to 0.35) |
| Guam | 13.1 (12.7 to 13.5) | 18.2 (17.6 to 18.7) | 17.2 (16.1 to 18.1) | 9.4 (8.41 to 10.3) | 12.8 (11.4 to 14.1) | 12.1 (10.6 to 13.5) | 0.28 (0.24 to 0.34) | 0.3 (0.24 to 0.35) | 0.3 (0.25 to 0.34) |
| Kiribati | 8.46 (7.88 to 9.18) | 8.74 (8.23 to 9.42) | 9.15 (8.45 to 10) | 6.09 (5.34 to 6.89) | 6.3 (5.54 to 7.04) | 6.54 (5.67 to 7.42) | 0.28 (0.25 to 0.32) | 0.28 (0.25 to 0.33) | 0.29 (0.26 to 0.33) |
| Marshall Islands | 10.1 (9.75 to 10.5) | 9.5 (9.07 to 10) | 10.1 (9.05 to 11.2) | 7.15 (6.34 to 7.96) | 6.64 (5.84 to 7.47) | 6.97 (5.87 to 8.13) | 0.29 (0.24 to 0.35) | 0.3 (0.26 to 0.36) | 0.31 (0.27 to 0.35) |
| Micronesia (Federated States of) | 9.55 (8.79 to 10.4) | 9.81 (9.32 to 10.4) | 9.77 (8.98 to 10.7) | 6.88 (5.98 to 7.8) | 6.96 (6.12 to 7.74) | 6.92 (5.97 to 7.9) | 0.28 (0.25 to 0.32) | 0.29 (0.26 to 0.34) | 0.29 (0.26 to 0.33) |
| Nauru | 9.67 (8.97 to 10.6) | 8.98 (8.37 to 9.73) | 9.8 (8.98 to 10.7) | 6.88 (6.04 to 7.74) | 6.38 (5.62 to 7.21) | 6.84 (5.89 to 7.81) | 0.29 (0.27 to 0.33) | 0.29 (0.26 to 0.33) | 0.3 (0.27 to 0.34) |
| Niue | 11.8 (10.8 to 12.6) | 12 (11 to 12.7) | 12.7 (11.5 to 13.8) | 8.29 (7.19 to 9.32) | 8.28 (7.19 to 9.35) | 8.63 (7.38 to 9.86) | 0.3 (0.26 to 0.34) | 0.31 (0.26 to 0.35) | 0.32 (0.28 to 0.36) |
| Northern Mariana Islands | 11.8 (10.8 to 12.9) | 13 (12.1 to 14) | 13.7 (12.6 to 14.7) | 8.44 (7.36 to 9.62) | 9.17 (8.06 to 10.3) | 9.63 (8.31 to 10.8) | 0.29 (0.25 to 0.32) | 0.3 (0.26 to 0.34) | 0.3 (0.26 to 0.34) |
| Palau | 10.8 (9.68 to 12) | 11.1 (10.2 to 12.3) | 11.3 (10.3 to 12.8) | 7.56 (6.5 to 8.75) | 7.65 (6.65 to 8.79) | 7.75 (6.61 to 9.07) | 0.3 (0.27 to 0.33) | 0.31 (0.29 to 0.35) | 0.32 (0.29 to 0.36) |
| Papua New Guinea | 11.5 (10.8 to 12.1) | 11.1 (10.2 to 11.9) | 11.4 (10.2 to 12.3) | 7.98 (6.99 to 8.92) | 7.72 (6.66 to 8.7) | 7.87 (6.75 to 8.98) | 0.3 (0.27 to 0.36) | 0.31 (0.27 to 0.35) | 0.31 (0.27 to 0.34) |
| Samoa | 11.5 (10.5 to 12) | 11.8 (10.7 to 12.8) | 11.9 (10.7 to 13.1) | 8.21 (7.09 to 9.16) | 8.3 (7.12 to 9.46) | 8.31 (7.09 to 9.52) | 0.29 (0.24 to 0.33) | 0.3 (0.26 to 0.33) | 0.3 (0.28 to 0.34) |
| Solomon Islands | 8.02 (7.49 to 8.7) | 7.98 (7.54 to 8.53) | 8.32 (7.75 to 8.97) | 5.84 (5.16 to 6.58) | 5.78 (5.11 to 6.44) | 5.97 (5.22 to 6.71) | 0.27 (0.24 to 0.31) | 0.28 (0.25 to 0.32) | 0.28 (0.25 to 0.33) |
| Tokelau | 10.4 (9.43 to 11.2) | 11 (9.88 to 12.1) | 11.5 (10.3 to 12.8) | 7.41 (6.42 to 8.37) | 7.7 (6.59 to 8.82) | 8 (6.8 to 9.22) | 0.29 (0.25 to 0.32) | 0.3 (0.27 to 0.33) | 0.3 (0.28 to 0.34) |
| Tonga | 14 (13.3 to 14.7) | 14.7 (14 to 15.4) | 14.4 (13.1 to 15.5) | 9.91 (8.78 to 11) | 10.4 (9.22 to 11.6) | 10.1 (8.74 to 11.4) | 0.29 (0.25 to 0.34) | 0.29 (0.25 to 0.34) | 0.3 (0.26 to 0.33) |
| Tuvalu | 10.1 (9.26 to 11) | 10.4 (9.63 to 11.4) | 10.9 (9.67 to 12.3) | 7.22 (6.32 to 8.18) | 7.36 (6.42 to 8.29) | 7.63 (6.39 to 8.93) | 0.29 (0.25 to 0.32) | 0.3 (0.27 to 0.33) | 0.3 (0.28 to 0.34) |
| Vanuatu | 10.1 (9.12 to 11.4) | 10.2 (9.17 to 11.6) | 10.5 (9.37 to 11.8) | 7.23 (6.23 to 8.31) | 7.29 (6.29 to 8.45) | 7.42 (6.24 to 8.65) | 0.28 (0.27 to 0.32) | 0.29 (0.27 to 0.31) | 0.3 (0.27 to 0.33) |
| Southeast Asia | 12.3 (12 to 12.5) | 12.8 (12.5 to 13.1) | 13.7 (13.2 to 14.3) | 8.61 (7.66 to 9.52) | 9.06 (8.09 to 10) | 9.67 (8.59 to 10.7) | 0.3 (0.24 to 0.36) | 0.29 (0.24 to 0.35) | 0.3 (0.25 to 0.35) |
| Cambodia | 10.7 (10.3 to 11.2) | 11.6 (11.2 to 12.1) | 12.2 (11.9 to 13) | 7.52 (6.63 to 8.35) | 8.23 (7.29 to 9.12) | 8.58 (7.57 to 9.59) | 0.29 (0.25 to 0.36) | 0.29 (0.25 to 0.35) | 0.3 (0.26 to 0.36) |
| Indonesia | 11.7 (11.2 to 12) | 11.6 (11.2 to 12.1) | 12.1 (11.5 to 13.2) | 7.91 (6.87 to 8.83) | 7.98 (7 to 8.94) | 8.36 (7.32 to 9.4) | 0.32 (0.27 to 0.39) | 0.32 (0.26 to 0.37) | 0.31 (0.29 to 0.36) |
| Lao People's Democratic Republic | 10.1 (9.5 to 10.8) | 11.2 (10.7 to 11.7) | 12.1 (11.5 to 12.9) | 7.28 (6.47 to 8.2) | 8.05 (7.19 to 8.89) | 8.67 (7.69 to 9.64) | 0.28 (0.24 to 0.32) | 0.28 (0.24 to 0.33) | 0.28 (0.25 to 0.33) |
| Malaysia | 12.8 (12.7 to 12.8) | 12.6 (12.5 to 12.6) | 13.3 (12.2 to 14.4) | 8.95 (7.95 to 9.87) | 8.87 (7.92 to 9.77) | 9.35 (8.14 to 10.6) | 0.3 (0.23 to 0.37) | 0.29 (0.23 to 0.37) | 0.29 (0.27 to 0.33) |
| Maldives | 10.5 (10.3 to 10.6) | 13.4 (13.1 to 13.8) | 15.3 (14.4 to 16.4) | 7.45 (6.68 to 8.21) | 9.58 (8.6 to 10.5) | 10.9 (9.6 to 12.2) | 0.29 (0.23 to 0.35) | 0.29 (0.23 to 0.34) | 0.29 (0.26 to 0.34) |
| Mauritius | 12.8 (12.5 to 13) | 14.2 (13.9 to 14.4) | 15.2 (14.1 to 16.4) | 9.02 (8.04 to 9.98) | 9.88 (8.71 to 10.9) | 10.6 (9.16 to 12) | 0.29 (0.23 to 0.36) | 0.3 (0.24 to 0.37) | 0.31 (0.27 to 0.35) |
| Myanmar | 10.6 (9.92 to 11.3) | 11.4 (10.9 to 12) | 12.6 (12.2 to 12.9) | 7.51 (6.55 to 8.41) | 8.06 (7.17 to 8.97) | 8.79 (7.76 to 9.72) | 0.29 (0.26 to 0.34) | 0.29 (0.25 to 0.34) | 0.3 (0.24 to 0.36) |
| Philippines | 12.8 (12.4 to 13.2) | 13.2 (12.8 to 13.6) | 13.5 (12.3 to 14.7) | 9.07 (8 to 10) | 9.31 (8.25 to 10.3) | 9.54 (8.35 to 10.9) | 0.29 (0.24 to 0.36) | 0.29 (0.24 to 0.35) | 0.29 (0.26 to 0.32) |
| Seychelles | 13.9 (13.6 to 14.3) | 13.9 (13.5 to 14.2) | 13.9 (13.3 to 14.6) | 10.1 (9 to 11.1) | 9.88 (8.78 to 10.9) | 9.78 (8.59 to 10.9) | 0.28 (0.23 to 0.34) | 0.29 (0.23 to 0.35) | 0.3 (0.25 to 0.35) |
| Sri Lanka | 12.7 (12.4 to 13.1) | 13.7 (13.1 to 14.2) | 15 (13.6 to 16.6) | 9.17 (8.15 to 10.1) | 9.59 (8.46 to 10.7) | 10.4 (8.88 to 12) | 0.3 (0.23 to 0.34) | 0.3 (0.25 to 0.36) | 0.31 (0.28 to 0.35) |
| Thailand | 14.2 (13.6 to 14.8) | 15.8 (15.2 to 16.5) | 17.6 (16 to 19.3) | 10.1 (9.03 to 11.2) | 11.3 (10.1 to 12.6) | 12.7 (11 to 14.4) | 0.29 (0.25 to 0.34) | 0.28 (0.24 to 0.33) | 0.28 (0.25 to 0.31) |
| Timor-Leste | 11.1 (10.6 to 11.4) | 12 (11.6 to 12.2) | 12 (11.6 to 12.7) | 7.83 (6.94 to 8.66) | 8.41 (7.45 to 9.26) | 8.43 (7.4 to 9.48) | 0.3 (0.24 to 0.35) | 0.3 (0.24 to 0.36) | 0.3 (0.25 to 0.36) |
| Viet Nam | 12.6 (12.1 to 13.2) | 13.7 (12.9 to 14.1) | 14.3 (13.8 to 15.2) | 9.17 (8.24 to 10.1) | 9.96 (8.84 to 10.9) | 10.3 (9.1 to 11.4) | 0.27 (0.23 to 0.32) | 0.27 (0.22 to 0.31) | 0.28 (0.25 to 0.34) |
| Sub-Saharan Africa | 10.9 (10.7 to 11.2) | 11.2 (10.9 to 11.5) | 12.2 (11.7 to 12.6) | 7.86 (7.02 to 8.59) | 8.09 (7.26 to 8.87) | 8.86 (7.96 to 9.76) | 0.28 (0.23 to 0.34) | 0.28 (0.23 to 0.34) | 0.27 (0.22 to 0.32) |
| Central Sub-Saharan Africa | 10.4 (9.86 to 10.9) | 10.6 (10.1 to 11.1) | 11.6 (10.7 to 12.4) | 7.45 (6.63 to 8.26) | 7.68 (6.89 to 8.47) | 8.47 (7.43 to 9.45) | 0.28 (0.24 to 0.33) | 0.28 (0.24 to 0.32) | 0.27 (0.24 to 0.3) |
| Angola | 10.1 (9.48 to 10.6) | 10.7 (10.2 to 11.3) | 12.1 (11.2 to 12.6) | 7.33 (6.51 to 8.15) | 7.82 (6.98 to 8.63) | 8.85 (7.81 to 9.78) | 0.27 (0.23 to 0.31) | 0.27 (0.23 to 0.31) | 0.27 (0.22 to 0.3) |
| Central African Republic | 9.4 (8.61 to 10.1) | 8.99 (7.89 to 10.3) | 9.62 (8.3 to 11) | 6.75 (5.85 to 7.61) | 6.52 (5.48 to 7.71) | 7.03 (5.79 to 8.29) | 0.28 (0.25 to 0.32) | 0.27 (0.25 to 0.31) | 0.27 (0.25 to 0.3) |
| Congo | 9.59 (8.75 to 10.7) | 10.1 (9.36 to 10.9) | 11 (9.98 to 11.7) | 7.01 (6.13 to 8.04) | 7.35 (6.42 to 8.16) | 7.99 (6.96 to 8.95) | 0.27 (0.25 to 0.3) | 0.27 (0.25 to 0.31) | 0.27 (0.23 to 0.3) |
| Democratic Republic of the Congo | 10.6 (9.99 to 11.1) | 10.7 (10.2 to 11.2) | 11.6 (10.6 to 12.6) | 7.55 (6.68 to 8.4) | 7.72 (6.91 to 8.56) | 8.47 (7.41 to 9.53) | 0.29 (0.25 to 0.33) | 0.28 (0.24 to 0.32) | 0.27 (0.24 to 0.3) |
| Equatorial Guinea | 9.82 (8.75 to 10.7) | 11.8 (10.6 to 13.4) | 12.2 (10.8 to 13.2) | 6.93 (5.97 to 7.84) | 8.36 (7.19 to 9.7) | 8.7 (7.43 to 9.9) | 0.29 (0.26 to 0.32) | 0.29 (0.27 to 0.32) | 0.28 (0.25 to 0.31) |
| Gabon | 11.2 (10.7 to 11.6) | 11.3 (10.4 to 12.1) | 12.4 (11.6 to 13.4) | 8.21 (7.33 to 9.04) | 8.22 (7.23 to 9.17) | 9.09 (8.06 to 10.2) | 0.27 (0.22 to 0.31) | 0.27 (0.24 to 0.3) | 0.27 (0.24 to 0.3) |

Supplementary Table 8: Life expectancy, Health-adjusted life expectancy, and proportion of years spent in ill health in all reporting locations, in 1990, 2005, 2019, Females

| location | LE-70 | | | HALE-70 | | | PYIH-70 | | |
|-----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 |
| Eastern Sub-Saharan Africa | 10.3 (10 to 10.5) | 11.3 (11 to 11.5) | 12.2 (11.8 to 12.5) | 7.41 (6.62 to 8.11) | 8.17 (7.32 to 8.92) | 8.9 (8.02 to 9.71) | 0.28 (0.23 to 0.34) | 0.28 (0.23 to 0.34) | 0.27 (0.22 to 0.32) |
| Burundi | 9.44 (8.58 to 10.1) | 10.2 (9.53 to 10.9) | 11.5 (10.5 to 12.4) | 6.95 (6.04 to 7.76) | 7.48 (6.6 to 8.31) | 8.53 (7.4 to 9.61) | 0.26 (0.23 to 0.3) | 0.26 (0.24 to 0.31) | 0.26 (0.23 to 0.29) |
| Comoros | 10.6 (10 to 11.3) | 11.5 (10.9 to 11.8) | 12.2 (11.2 to 12.6) | 7.82 (7 to 8.69) | 8.5 (7.64 to 9.29) | 9.08 (8.03 to 9.95) | 0.26 (0.23 to 0.3) | 0.26 (0.22 to 0.3) | 0.26 (0.21 to 0.28) |
| Djibouti | 11.3 (10.5 to 11.9) | 11.7 (10.7 to 12.9) | 12.3 (11.2 to 12.9) | 8.34 (7.39 to 9.17) | 8.7 (7.64 to 9.83) | 9.16 (8.03 to 10.1) | 0.26 (0.23 to 0.3) | 0.26 (0.24 to 0.29) | 0.26 (0.22 to 0.28) |
| Eritrea | 9.26 (8.54 to 9.94) | 10.3 (9.12 to 11.5) | 10.8 (9.5 to 11.9) | 6.77 (5.94 to 7.59) | 7.54 (6.48 to 8.65) | 7.98 (6.77 to 9.13) | 0.27 (0.24 to 0.3) | 0.27 (0.25 to 0.29) | 0.26 (0.23 to 0.29) |
| Ethiopia | 8.97 (8.56 to 9.4) | 10.8 (10.3 to 11.2) | 12.6 (12.3 to 13.1) | 6.43 (5.71 to 7.12) | 7.74 (6.84 to 8.61) | 9.15 (8.17 to 10) | 0.28 (0.24 to 0.33) | 0.28 (0.23 to 0.33) | 0.27 (0.24 to 0.34) |
| Kenya | 11.8 (11.4 to 12.2) | 12 (11.6 to 12.6) | 12.4 (11.6 to 13.3) | 8.41 (7.47 to 9.24) | 8.65 (7.72 to 9.51) | 9.01 (7.91 to 10) | 0.29 (0.24 to 0.34) | 0.28 (0.24 to 0.33) | 0.27 (0.24 to 0.32) |
| Madagascar | 11 (10.6 to 11.5) | 10.7 (10.1 to 11.2) | 11.2 (10 to 12.4) | 8.06 (7.22 to 8.88) | 7.82 (6.98 to 8.59) | 8.3 (7.14 to 9.44) | 0.27 (0.23 to 0.32) | 0.27 (0.23 to 0.31) | 0.26 (0.24 to 0.29) |
| Malawi | 10.2 (9.92 to 10.5) | 11.3 (10.6 to 11.9) | 12.4 (11.8 to 13.1) | 7.39 (6.62 to 8.12) | 8.24 (7.26 to 9.13) | 9.16 (8.16 to 10.1) | 0.28 (0.23 to 0.33) | 0.27 (0.23 to 0.32) | 0.26 (0.23 to 0.31) |
| Mozambique | 10.4 (10.1 to 10.7) | 11.6 (11 to 12.4) | 11.6 (10.3 to 12.7) | 7.48 (6.65 to 8.24) | 8.35 (7.41 to 9.24) | 8.49 (7.24 to 9.58) | 0.28 (0.23 to 0.34) | 0.28 (0.26 to 0.33) | 0.27 (0.24 to 0.3) |
| Rwanda | 9.29 (8.72 to 9.72) | 11.4 (10.8 to 11.8) | 12.4 (11.7 to 12.8) | 6.83 (6.09 to 7.54) | 8.29 (7.43 to 9.14) | 9.14 (8.21 to 10) | 0.26 (0.22 to 0.3) | 0.27 (0.23 to 0.31) | 0.26 (0.22 to 0.3) |
| Somalia | 9.43 (8.52 to 10.2) | 9.85 (8.6 to 10.8) | 10.4 (8.91 to 11.5) | 6.96 (6.1 to 7.79) | 7.28 (6.22 to 8.3) | 7.69 (6.43 to 8.77) | 0.26 (0.24 to 0.28) | 0.26 (0.23 to 0.28) | 0.26 (0.24 to 0.28) |
| South Sudan | 10.9 (10.3 to 11.6) | 11.7 (10.9 to 13) | 12.3 (11.5 to 13.5) | 7.43 (6.46 to 8.39) | 7.95 (6.9 to 9.17) | 8.39 (7.25 to 9.61) | 0.32 (0.28 to 0.37) | 0.32 (0.29 to 0.37) | 0.32 (0.29 to 0.37) |
| Uganda | 11.2 (10.7 to 12.1) | 11.6 (10.9 to 12) | 12.6 (12.2 to 13.3) | 8.1 (7.21 to 9.07) | 8.45 (7.55 to 9.3) | 9.28 (8.34 to 10.2) | 0.28 (0.25 to 0.32) | 0.27 (0.23 to 0.31) | 0.26 (0.24 to 0.32) |
| United Republic of Tanzania | 11.1 (10.7 to 11.4) | 11.9 (11.5 to 12.4) | 12.4 (12 to 12.9) | 8.05 (7.24 to 8.83) | 8.65 (7.75 to 9.51) | 9.1 (8.2 to 9.94) | 0.27 (0.23 to 0.32) | 0.27 (0.23 to 0.33) | 0.27 (0.23 to 0.32) |
| Zambia | 10 (9.67 to 10.5) | 10.7 (9.87 to 11.4) | 11.8 (10.6 to 12.6) | 7.41 (6.61 to 8.18) | 7.89 (7.01 to 8.74) | 8.74 (7.61 to 9.78) | 0.26 (0.22 to 0.32) | 0.26 (0.23 to 0.29) | 0.26 (0.22 to 0.28) |
| Southern Sub-Saharan Africa | 13.9 (13.7 to 14.2) | 11.8 (11.6 to 12) | 13.2 (12.9 to 13.5) | 9.89 (8.83 to 10.9) | 8.36 (7.51 to 9.21) | 9.37 (8.4 to 10.3) | 0.29 (0.23 to 0.36) | 0.29 (0.23 to 0.35) | 0.29 (0.24 to 0.35) |
| Botswana | 11.4 (10 to 12.3) | 10.8 (9.12 to 13.9) | 11.7 (10.2 to 12.9) | 8.3 (7.04 to 9.41) | 7.83 (6.35 to 10) | 8.37 (7.04 to 9.57) | 0.27 (0.23 to 0.3) | 0.27 (0.28 to 0.3) | 0.29 (0.26 to 0.31) |
| Eswatini | 11.4 (10.7 to 12.2) | 9.37 (8.23 to 10.7) | 11.4 (9.78 to 13.8) | 8.26 (7.36 to 9.18) | 6.72 (5.69 to 7.83) | 8.19 (6.76 to 9.9) | 0.28 (0.25 to 0.31) | 0.28 (0.27 to 0.31) | 0.28 (0.28 to 0.31) |
| Lesotho | 11.9 (11.3 to 12.2) | 9.6 (8.69 to 10.7) | 9.92 (8.63 to 11.6) | 8.59 (7.7 to 9.43) | 6.92 (5.96 to 7.94) | 7.11 (5.93 to 8.47) | 0.28 (0.23 to 0.32) | 0.28 (0.26 to 0.31) | 0.28 (0.27 to 0.31) |
| Namibia | 11.4 (10.9 to 11.8) | 11.1 (10.1 to 12.2) | 12.5 (11.3 to 13.7) | 8.18 (7.29 to 9.06) | 7.95 (6.95 to 9.11) | 9.04 (7.81 to 10.4) | 0.28 (0.23 to 0.33) | 0.28 (0.25 to 0.31) | 0.27 (0.24 to 0.31) |
| South Africa | 14.7 (14.4 to 15) | 12.2 (12.1 to 12.3) | 13.8 (13.6 to 14) | 10.4 (9.22 to 11.4) | 8.6 (7.71 to 9.45) | 9.73 (8.69 to 10.7) | 0.29 (0.24 to 0.36) | 0.29 (0.23 to 0.36) | 0.29 (0.24 to 0.36) |
| Zimbabwe | 11.8 (11.3 to 12.3) | 10.7 (9.71 to 11.7) | 11 (9.81 to 12.2) | 8.61 (7.72 to 9.52) | 7.71 (6.68 to 8.74) | 7.97 (6.77 to 9.18) | 0.27 (0.23 to 0.32) | 0.28 (0.25 to 0.31) | 0.28 (0.25 to 0.31) |
| Western Sub-Saharan Africa | 10.7 (10.3 to 11.1) | 11.1 (10.7 to 11.7) | 12 (11.5 to 12.6) | 7.69 (6.88 to 8.46) | 8.06 (7.19 to 8.88) | 8.77 (7.81 to 9.68) | 0.28 (0.24 to 0.33) | 0.27 (0.24 to 0.33) | 0.27 (0.23 to 0.32) |
| Benin | 10.8 (10.5 to 11.1) | 11.4 (10.8 to 12) | 12.1 (11.3 to 12.6) | 7.82 (7 to 8.57) | 8.37 (7.51 to 9.24) | 8.82 (7.78 to 9.73) | 0.28 (0.23 to 0.34) | 0.27 (0.23 to 0.31) | 0.27 (0.23 to 0.31) |
| Burkina Faso | 10.5 (10.1 to 10.9) | 10.9 (10.6 to 11.3) | 11.8 (11.2 to 12.1) | 7.59 (6.75 to 8.38) | 8.05 (7.24 to 8.83) | 8.67 (7.8 to 9.47) | 0.28 (0.23 to 0.33) | 0.26 (0.22 to 0.32) | 0.26 (0.22 to 0.31) |
| Cabo Verde | 14.7 (14.3 to 15.1) | 15.4 (14.7 to 15.8) | 14 (13.5 to 14.6) | 10.9 (9.79 to 11.8) | 11.2 (9.99 to 12.4) | 10.3 (9.21 to 11.3) | 0.26 (0.22 to 0.31) | 0.27 (0.22 to 0.32) | 0.27 (0.23 to 0.32) |
| Cameroon | 10.9 (10.5 to 11.2) | 10.9 (10.3 to 11.5) | 12.1 (10.9 to 12.7) | 7.84 (7.01 to 8.64) | 7.78 (6.91 to 8.7) | 8.76 (7.58 to 9.78) | 0.28 (0.23 to 0.34) | 0.28 (0.25 to 0.33) | 0.27 (0.23 to 0.31) |
| Chad | 10.5 (10.1 to 10.7) | 10.5 (10.1 to 10.9) | 11.3 (10.5 to 11.8) | 7.63 (6.88 to 8.38) | 7.55 (6.73 to 8.33) | 8.18 (7.23 to 9.05) | 0.27 (0.22 to 0.32) | 0.28 (0.23 to 0.33) | 0.28 (0.23 to 0.31) |
| Côte d'Ivoire | 11.1 (10.7 to 11.5) | 11.2 (10.5 to 11.8) | 12.3 (11.5 to 12.7) | 7.78 (6.81 to 8.67) | 8.13 (7.22 to 9.03) | 8.94 (7.9 to 9.84) | 0.3 (0.25 to 0.36) | 0.27 (0.23 to 0.31) | 0.27 (0.23 to 0.31) |
| Gambia | 11.3 (10.6 to 11.8) | 11.4 (10.8 to 12.1) | 11.6 (10.7 to 12.4) | 8.21 (7.25 to 9.11) | 8.25 (7.35 to 9.2) | 8.41 (7.42 to 9.33) | 0.27 (0.23 to 0.32) | 0.28 (0.24 to 0.32) | 0.28 (0.25 to 0.31) |
| Ghana | 10.9 (10.3 to 11.4) | 11.5 (10.9 to 12) | 12.3 (11.6 to 12.6) | 8.03 (7.19 to 8.86) | 8.42 (7.54 to 9.3) | 9.1 (8.09 to 9.99) | 0.26 (0.22 to 0.3) | 0.27 (0.23 to 0.31) | 0.26 (0.21 to 0.3) |
| Guinea | 10 (9.72 to 10.3) | 10.6 (10.2 to 11.1) | 11.2 (10.4 to 12.1) | 7.35 (6.6 to 8.07) | 7.81 (7.04 to 8.56) | 8.25 (7.23 to 9.27) | 0.27 (0.22 to 0.32) | 0.27 (0.23 to 0.31) | 0.27 (0.23 to 0.3) |
| Guinea-Bissau | 9.7 (9.09 to 10.3) | 10.2 (9.57 to 10.7) | 10.9 (9.71 to 11.9) | 7.08 (6.25 to 7.9) | 7.44 (6.63 to 8.18) | 7.96 (6.89 to 8.99) | 0.27 (0.23 to 0.31) | 0.27 (0.24 to 0.31) | 0.27 (0.24 to 0.29) |
| Liberia | 10.1 (9.78 to 10.4) | 10.8 (10.3 to 11.3) | 11.8 (10.8 to 12.5) | 7.15 (6.36 to 7.92) | 7.66 (6.77 to 8.48) | 8.35 (7.23 to 9.43) | 0.29 (0.24 to 0.35) | 0.29 (0.25 to 0.35) | 0.29 (0.24 to 0.33) |
| Mali | 9.76 (9.53 to 10) | 10.6 (10.3 to 10.9) | 11.3 (10.6 to 11.8) | 7.08 (6.34 to 7.78) | 7.7 (6.94 to 8.46) | 8.29 (7.37 to 9.14) | 0.27 (0.23 to 0.34) | 0.27 (0.22 to 0.32) | 0.27 (0.22 to 0.31) |
| Mauritania | 10.2 (9.81 to 10.7) | 11.4 (10.9 to 11.8) | 12.3 (11.6 to 12.4) | 7.56 (6.78 to 8.3) | 8.47 (7.6 to 9.28) | 9.08 (8.14 to 9.89) | 0.26 (0.22 to 0.31) | 0.26 (0.21 to 0.3) | 0.26 (0.21 to 0.3) |
| Niger | 10 (9.81 to 10.3) | 10.7 (10.4 to 10.9) | 11.5 (10.8 to 11.9) | 7.42 (6.7 to 8.08) | 7.93 (7.19 to 8.65) | 8.51 (7.56 to 9.33) | 0.26 (0.22 to 0.32) | 0.26 (0.21 to 0.31) | 0.26 (0.22 to 0.3) |
| Nigeria | 10.7 (10.1 to 11.6) | 11.2 (10.3 to 12.6) | 12.2 (11.3 to 13.6) | 7.7 (6.79 to 8.68) | 8.08 (7.06 to 9.23) | 8.86 (7.71 to 10.1) | 0.28 (0.25 to 0.32) | 0.28 (0.27 to 0.32) | 0.27 (0.25 to 0.32) |

Supplementary Table 8: Life expectancy, Health-adjusted life expectancy, and proportion of years spent in ill health in all reporting locations, in 1990, 2005, 2019, Females

| location | LE-70 | | | HALE-70 | | | PYIH-70 | | |
|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 | 1990 | 2005 | 2019 |
| <i>Sao Tome and Principe</i> | 11.6 (11.3 to 11.8) | 11.5 (11.2 to 11.8) | 11.8 (11.5 to 12.4) | 8.46 (7.61 to 9.25) | 8.36 (7.55 to 9.15) | 8.55 (7.7 to 9.44) | 0.27 (0.22 to 0.33) | 0.27 (0.22 to 0.32) | 0.28 (0.24 to 0.33) |
| <i>Senegal</i> | 11 (10.7 to 11.3) | 11.7 (11.4 to 12) | 12.3 (11.4 to 12.7) | 8.05 (7.16 to 8.83) | 8.5 (7.57 to 9.33) | 8.97 (7.95 to 9.86) | 0.27 (0.22 to 0.33) | 0.28 (0.22 to 0.33) | 0.27 (0.22 to 0.3) |
| <i>Sierra Leone</i> | 10.6 (10.2 to 11.2) | 10.4 (10 to 10.8) | 11.4 (10.5 to 11.9) | 7.76 (6.98 to 8.59) | 7.6 (6.83 to 8.32) | 8.34 (7.3 to 9.27) | 0.27 (0.23 to 0.31) | 0.27 (0.23 to 0.32) | 0.27 (0.22 to 0.31) |
| <i>Togo</i> | 10.9 (10.5 to 11.2) | 11.5 (10.8 to 12.1) | 12.2 (11.3 to 12.7) | 7.98 (7.17 to 8.74) | 8.43 (7.53 to 9.32) | 9 (7.9 to 9.95) | 0.27 (0.22 to 0.32) | 0.27 (0.23 to 0.3) | 0.26 (0.22 to 0.3) |

Supplementary Table 9. Data coverage index for all risk factors for 204 reporting locations, 1990–2005, 2005–2019 and in total by all ages and for the 70+ age

| | 1990-2005 | | 2005-2019 | | 1990-2019 | |
|--------------------------|-----------|--------|-----------|--------|-----------|--------|
| | All ages | 70+ | All ages | 70+ | All ages | 70+ |
| Armenia | 58.54% | 46.34% | 63.41% | 56.10% | 65.85% | 56.10% |
| Azerbaijan | 56.10% | 48.78% | 60.98% | 53.66% | 60.98% | 56.10% |
| Georgia | 56.10% | 51.22% | 63.41% | 53.66% | 63.41% | 53.66% |
| Kazakhstan | 63.41% | 58.54% | 60.98% | 53.66% | 68.29% | 58.54% |
| Kyrgyzstan | 51.22% | 48.78% | 63.41% | 53.66% | 63.41% | 53.66% |
| Mongolia | 53.66% | 46.34% | 58.54% | 51.22% | 60.98% | 51.22% |
| Tajikistan | 48.78% | 39.02% | 56.10% | 48.78% | 58.54% | 48.78% |
| Turkmenistan | 41.46% | 24.39% | 36.59% | 36.59% | 51.22% | 36.59% |
| Uzbekistan | 53.66% | 46.34% | 56.10% | 41.46% | 58.54% | 53.66% |
| Albania | 56.10% | 46.34% | 63.41% | 53.66% | 68.29% | 53.66% |
| Bosnia and Herzegovina | 53.66% | 53.66% | 58.54% | 53.66% | 58.54% | 56.10% |
| Bulgaria | 53.66% | 51.22% | 60.98% | 56.10% | 63.41% | 58.54% |
| Croatia | 60.98% | 56.10% | 58.54% | 53.66% | 70.73% | 60.98% |
| Czechia | 63.41% | 58.54% | 56.10% | 51.22% | 65.85% | 58.54% |
| Hungary | 63.41% | 58.54% | 63.41% | 58.54% | 70.73% | 60.98% |
| Montenegro | 41.46% | 36.59% | 58.54% | 53.66% | 60.98% | 53.66% |
| North Macedonia | 48.78% | 41.46% | 63.41% | 51.22% | 65.85% | 51.22% |
| Poland | 58.54% | 51.22% | 63.41% | 56.10% | 65.85% | 56.10% |
| Romania | 60.98% | 51.22% | 65.85% | 58.54% | 68.29% | 58.54% |
| Serbia | 53.66% | 41.46% | 70.73% | 60.98% | 75.61% | 60.98% |
| Slovakia | 58.54% | 58.54% | 63.41% | 56.10% | 68.29% | 60.98% |
| Slovenia | 60.98% | 56.10% | 63.41% | 56.10% | 68.29% | 60.98% |
| Belarus | 51.22% | 48.78% | 60.98% | 53.66% | 60.98% | 53.66% |
| Estonia | 58.54% | 53.66% | 63.41% | 58.54% | 70.73% | 63.41% |
| Latvia | 53.66% | 53.66% | 65.85% | 56.10% | 70.73% | 60.98% |
| Lithuania | 46.34% | 39.02% | 63.41% | 58.54% | 65.85% | 58.54% |
| Republic of Moldova | 56.10% | 46.34% | 60.98% | 53.66% | 60.98% | 53.66% |
| Russian Federation | 68.29% | 60.98% | 65.85% | 58.54% | 75.61% | 60.98% |
| Ukraine | 60.98% | 58.54% | 65.85% | 58.54% | 68.29% | 60.98% |
| Australia | 78.05% | 60.98% | 65.85% | 53.66% | 78.05% | 60.98% |
| New Zealand | 63.41% | 51.22% | 63.41% | 53.66% | 70.73% | 58.54% |
| Brunei Darussalam | 43.90% | 41.46% | 43.90% | 36.59% | 46.34% | 41.46% |
| Japan | 70.73% | 58.54% | 58.54% | 53.66% | 70.73% | 58.54% |
| Republic of Korea | 63.41% | 56.10% | 65.85% | 56.10% | 65.85% | 58.54% |
| Singapore | 46.34% | 43.90% | 46.34% | 43.90% | 48.78% | 43.90% |
| Canada | 75.61% | 51.22% | 65.85% | 51.22% | 75.61% | 53.66% |
| Greenland | 9.76% | 0.00% | 17.07% | 14.63% | 21.95% | 14.63% |
| United States of America | 82.93% | 73.17% | 73.17% | 65.85% | 82.93% | 75.61% |
| Argentina | 75.61% | 56.10% | 65.85% | 58.54% | 78.05% | 60.98% |
| Chile | 65.85% | 60.98% | 56.10% | 51.22% | 70.73% | 63.41% |
| Uruguay | 56.10% | 51.22% | 60.98% | 53.66% | 63.41% | 56.10% |
| Andorra | 14.63% | 12.20% | 9.76% | 4.88% | 17.07% | 12.20% |
| Austria | 65.85% | 58.54% | 65.85% | 58.54% | 70.73% | 63.41% |

Supplementary Table 9. Data coverage index for all risk factors for 204 reporting locations, 1990–2005, 2005–2019 and in total by all ages and for the 70+ age group

| | 1990-2005 | | 2005-2019 | | 1990-2019 | |
|----------------------------------|-----------|--------|-----------|--------|-----------|--------|
| | All ages | 70+ | All ages | 70+ | All ages | 70+ |
| Belgium | 56.10% | 51.22% | 63.41% | 56.10% | 65.85% | 56.10% |
| Cyprus | 46.34% | 39.02% | 58.54% | 53.66% | 60.98% | 53.66% |
| Denmark | 70.73% | 56.10% | 68.29% | 56.10% | 75.61% | 58.54% |
| Finland | 70.73% | 56.10% | 68.29% | 56.10% | 73.17% | 58.54% |
| France | 73.17% | 56.10% | 65.85% | 56.10% | 75.61% | 60.98% |
| Germany | 65.85% | 56.10% | 70.73% | 60.98% | 73.17% | 63.41% |
| Greece | 65.85% | 58.54% | 68.29% | 60.98% | 70.73% | 63.41% |
| Iceland | 46.34% | 43.90% | 53.66% | 43.90% | 56.10% | 48.78% |
| Ireland | 63.41% | 58.54% | 63.41% | 58.54% | 70.73% | 63.41% |
| Israel | 63.41% | 51.22% | 53.66% | 51.22% | 65.85% | 53.66% |
| Italy | 73.17% | 65.85% | 65.85% | 56.10% | 73.17% | 65.85% |
| Luxembourg | 48.78% | 43.90% | 58.54% | 53.66% | 60.98% | 53.66% |
| Malta | 41.46% | 39.02% | 58.54% | 53.66% | 58.54% | 53.66% |
| Monaco | 0.00% | 0.00% | 14.63% | 0.00% | 14.63% | 0.00% |
| Netherlands | 65.85% | 53.66% | 70.73% | 58.54% | 73.17% | 58.54% |
| Norway | 68.29% | 53.66% | 63.41% | 53.66% | 70.73% | 58.54% |
| Portugal | 58.54% | 58.54% | 68.29% | 60.98% | 68.29% | 60.98% |
| San Marino | 12.20% | 0.00% | 14.63% | 2.44% | 14.63% | 2.44% |
| Spain | 78.05% | 73.17% | 70.73% | 63.41% | 78.05% | 73.17% |
| Sweden | 65.85% | 60.98% | 68.29% | 60.98% | 70.73% | 65.85% |
| Switzerland | 58.54% | 51.22% | 58.54% | 48.78% | 63.41% | 51.22% |
| United Kingdom | 65.85% | 48.78% | 58.54% | 51.22% | 68.29% | 53.66% |
| Bolivia (Plurinational State of) | 60.98% | 51.22% | 58.54% | 46.34% | 63.41% | 51.22% |
| Ecuador | 60.98% | 56.10% | 63.41% | 51.22% | 68.29% | 56.10% |
| Peru | 65.85% | 56.10% | 68.29% | 60.98% | 70.73% | 60.98% |
| Antigua and Barbuda | 48.78% | 41.46% | 41.46% | 36.59% | 48.78% | 41.46% |
| Bahamas | 46.34% | 41.46% | 41.46% | 36.59% | 46.34% | 41.46% |
| Barbados | 48.78% | 43.90% | 56.10% | 51.22% | 56.10% | 51.22% |
| Belize | 53.66% | 48.78% | 58.54% | 58.54% | 60.98% | 58.54% |
| Bermuda | 36.59% | 34.15% | 41.46% | 39.02% | 41.46% | 39.02% |
| Cuba | 56.10% | 43.90% | 53.66% | 43.90% | 60.98% | 46.34% |
| Dominica | 48.78% | 41.46% | 29.27% | 21.95% | 48.78% | 41.46% |
| Dominican Republic | 58.54% | 56.10% | 60.98% | 56.10% | 63.41% | 58.54% |
| Grenada | 46.34% | 41.46% | 46.34% | 29.27% | 46.34% | 41.46% |
| Guyana | 53.66% | 46.34% | 56.10% | 36.59% | 56.10% | 48.78% |
| Haiti | 58.54% | 46.34% | 46.34% | 39.02% | 60.98% | 51.22% |
| Jamaica | 58.54% | 46.34% | 56.10% | 51.22% | 63.41% | 51.22% |
| Puerto Rico | 36.59% | 34.15% | 36.59% | 29.27% | 41.46% | 36.59% |
| Saint Kitts and Nevis | 34.15% | 17.07% | 21.95% | 17.07% | 34.15% | 17.07% |
| Saint Lucia | 51.22% | 46.34% | 53.66% | 36.59% | 53.66% | 48.78% |
| Saint Vincent and the Grenadines | 34.15% | 29.27% | 41.46% | 26.83% | 46.34% | 31.71% |
| Suriname | 48.78% | 43.90% | 51.22% | 46.34% | 51.22% | 46.34% |
| Trinidad and Tobago | 48.78% | 48.78% | 53.66% | 46.34% | 53.66% | 51.22% |

Supplementary Table 9. Data coverage index for all risk factors for 204 reporting locations, 1990–2005, 2005–2019 and in total by all ages and for the 70+ age group

| | 1990-2005 | | 2005-2019 | | 1990-2019 | |
|---------------------------------------|-----------|--------|-----------|--------|-----------|--------|
| | All ages | 70+ | All ages | 70+ | All ages | 70+ |
| United States Virgin Islands | 9.76% | 9.76% | 12.20% | 9.76% | 14.63% | 12.20% |
| Colombia | 68.29% | 58.54% | 70.73% | 58.54% | 70.73% | 60.98% |
| Costa Rica | 60.98% | 56.10% | 60.98% | 56.10% | 68.29% | 60.98% |
| El Salvador | 58.54% | 51.22% | 58.54% | 51.22% | 58.54% | 53.66% |
| Guatemala | 65.85% | 56.10% | 60.98% | 48.78% | 65.85% | 56.10% |
| Honduras | 58.54% | 46.34% | 63.41% | 53.66% | 65.85% | 53.66% |
| Mexico | 60.98% | 60.98% | 70.73% | 58.54% | 70.73% | 63.41% |
| Nicaragua | 60.98% | 51.22% | 58.54% | 53.66% | 60.98% | 58.54% |
| Panama | 58.54% | 51.22% | 56.10% | 51.22% | 60.98% | 51.22% |
| Venezuela (Bolivarian Republic of) | 65.85% | 58.54% | 53.66% | 48.78% | 68.29% | 60.98% |
| Brazil | 68.29% | 60.98% | 70.73% | 60.98% | 73.17% | 63.41% |
| Paraguay | 56.10% | 51.22% | 58.54% | 48.78% | 60.98% | 53.66% |
| Afghanistan | 29.27% | 24.39% | 63.41% | 36.59% | 63.41% | 36.59% |
| Algeria | 53.66% | 48.78% | 51.22% | 39.02% | 56.10% | 51.22% |
| Bahrain | 24.39% | 21.95% | 21.95% | 14.63% | 26.83% | 21.95% |
| Egypt | 68.29% | 58.54% | 70.73% | 58.54% | 73.17% | 60.98% |
| Iran (Islamic Republic of) | 51.22% | 41.46% | 58.54% | 48.78% | 60.98% | 48.78% |
| Iraq | 58.54% | 48.78% | 58.54% | 51.22% | 60.98% | 53.66% |
| Jordan | 58.54% | 48.78% | 60.98% | 39.02% | 63.41% | 51.22% |
| Kuwait | 46.34% | 29.27% | 48.78% | 36.59% | 51.22% | 41.46% |
| Lebanon | 53.66% | 41.46% | 48.78% | 34.15% | 58.54% | 41.46% |
| Libya | 39.02% | 31.71% | 48.78% | 34.15% | 53.66% | 36.59% |
| Morocco | 63.41% | 56.10% | 60.98% | 48.78% | 68.29% | 58.54% |
| Oman | 51.22% | 48.78% | 43.90% | 39.02% | 53.66% | 48.78% |
| Palestine | 53.66% | 43.90% | 58.54% | 51.22% | 58.54% | 51.22% |
| Qatar | 21.95% | 17.07% | 26.83% | 19.51% | 29.27% | 19.51% |
| Saudi Arabia | 58.54% | 48.78% | 58.54% | 48.78% | 63.41% | 48.78% |
| Sudan | 17.07% | 9.76% | 34.15% | 12.20% | 36.59% | 12.20% |
| Syrian Arab Republic | 53.66% | 48.78% | 53.66% | 46.34% | 53.66% | 51.22% |
| Tunisia | 56.10% | 43.90% | 58.54% | 41.46% | 63.41% | 48.78% |
| Turkey | 75.61% | 60.98% | 68.29% | 60.98% | 75.61% | 63.41% |
| United Arab Emirates | 63.41% | 58.54% | 51.22% | 43.90% | 65.85% | 58.54% |
| Yemen | 58.54% | 46.34% | 56.10% | 51.22% | 60.98% | 51.22% |
| Bangladesh | 68.29% | 48.78% | 65.85% | 51.22% | 70.73% | 51.22% |
| Bhutan | 12.20% | 9.76% | 36.59% | 31.71% | 39.02% | 34.15% |
| India | 75.61% | 63.41% | 80.49% | 63.41% | 80.49% | 65.85% |
| Nepal | 56.10% | 51.22% | 63.41% | 51.22% | 65.85% | 53.66% |
| Pakistan | 58.54% | 53.66% | 65.85% | 56.10% | 68.29% | 58.54% |
| China | 75.61% | 65.85% | 73.17% | 58.54% | 78.05% | 68.29% |
| Democratic People's Republic of Korea | 34.15% | 29.27% | 39.02% | 34.15% | 39.02% | 34.15% |
| Taiwan (Province of China) | 65.85% | 51.22% | 58.54% | 48.78% | 65.85% | 51.22% |
| American Samoa | 29.27% | 14.63% | 19.51% | 14.63% | 29.27% | 14.63% |
| Cook Islands | 7.32% | 2.44% | 19.51% | 2.44% | 19.51% | 2.44% |

Supplementary Table 9. Data coverage index for all risk factors for 204 reporting locations, 1990–2005, 2005–2019 and in total by all ages and for the 70+ age group

| | 1990-2005 | | 2005-2019 | | 1990-2019 | |
|----------------------------------|-----------|--------|-----------|--------|-----------|--------|
| | All ages | 70+ | All ages | 70+ | All ages | 70+ |
| Fiji | 53.66% | 39.02% | 51.22% | 29.27% | 56.10% | 39.02% |
| Guam | 19.51% | 7.32% | 19.51% | 7.32% | 19.51% | 7.32% |
| Kiribati | 41.46% | 34.15% | 46.34% | 39.02% | 48.78% | 39.02% |
| Marshall Islands | 21.95% | 14.63% | 21.95% | 17.07% | 26.83% | 17.07% |
| Micronesia (Federated States of) | 12.20% | 4.88% | 21.95% | 4.88% | 26.83% | 4.88% |
| Nauru | 4.88% | 0.00% | 19.51% | 2.44% | 19.51% | 2.44% |
| Niue | 17.07% | 2.44% | 7.32% | 4.88% | 19.51% | 4.88% |
| Northern Mariana Islands | 17.07% | 14.63% | 17.07% | 2.44% | 17.07% | 14.63% |
| Palau | 17.07% | 2.44% | 14.63% | 2.44% | 17.07% | 4.88% |
| Papua New Guinea | 48.78% | 41.46% | 48.78% | 26.83% | 56.10% | 43.90% |
| Samoa | 56.10% | 41.46% | 46.34% | 41.46% | 56.10% | 41.46% |
| Solomon Islands | 39.02% | 21.95% | 51.22% | 29.27% | 53.66% | 29.27% |
| Tokelau | 0.00% | 0.00% | 4.88% | 2.44% | 4.88% | 2.44% |
| Tonga | 21.95% | 17.07% | 14.63% | 7.32% | 29.27% | 19.51% |
| Tuvalu | 14.63% | 0.00% | 19.51% | 2.44% | 19.51% | 2.44% |
| Vanuatu | 29.27% | 24.39% | 53.66% | 46.34% | 56.10% | 46.34% |
| Cambodia | 60.98% | 48.78% | 63.41% | 51.22% | 65.85% | 51.22% |
| Indonesia | 68.29% | 58.54% | 68.29% | 58.54% | 73.17% | 60.98% |
| Lao People's Democratic Republic | 46.34% | 41.46% | 56.10% | 36.59% | 58.54% | 41.46% |
| Malaysia | 68.29% | 63.41% | 58.54% | 48.78% | 73.17% | 63.41% |
| Maldives | 48.78% | 39.02% | 58.54% | 48.78% | 60.98% | 48.78% |
| Mauritius | 53.66% | 51.22% | 56.10% | 48.78% | 60.98% | 53.66% |
| Myanmar | 56.10% | 51.22% | 58.54% | 36.59% | 60.98% | 51.22% |
| Philippines | 63.41% | 60.98% | 73.17% | 58.54% | 75.61% | 60.98% |
| Seychelles | 29.27% | 12.20% | 34.15% | 26.83% | 34.15% | 26.83% |
| Sri Lanka | 60.98% | 53.66% | 56.10% | 41.46% | 65.85% | 53.66% |
| Thailand | 70.73% | 60.98% | 70.73% | 60.98% | 75.61% | 65.85% |
| Timor-Leste | 41.46% | 31.71% | 56.10% | 43.90% | 58.54% | 43.90% |
| Viet Nam | 63.41% | 58.54% | 73.17% | 58.54% | 73.17% | 60.98% |
| Angola | 53.66% | 46.34% | 51.22% | 31.71% | 56.10% | 46.34% |
| Central African Republic | 41.46% | 34.15% | 43.90% | 36.59% | 46.34% | 36.59% |
| Congo | 36.59% | 34.15% | 48.78% | 31.71% | 51.22% | 36.59% |
| Democratic Republic of the Congo | 34.15% | 29.27% | 56.10% | 36.59% | 58.54% | 36.59% |
| Equatorial Guinea | 12.20% | 9.76% | 9.76% | 4.88% | 17.07% | 12.20% |
| Gabon | 46.34% | 43.90% | 53.66% | 34.15% | 53.66% | 43.90% |
| Burundi | 41.46% | 36.59% | 56.10% | 34.15% | 58.54% | 36.59% |
| Comoros | 39.02% | 39.02% | 43.90% | 36.59% | 43.90% | 41.46% |
| Djibouti | 43.90% | 29.27% | 39.02% | 36.59% | 51.22% | 36.59% |
| Eritrea | 24.39% | 14.63% | 12.20% | 9.76% | 24.39% | 17.07% |
| Ethiopia | 60.98% | 51.22% | 63.41% | 51.22% | 65.85% | 53.66% |
| Kenya | 58.54% | 39.02% | 56.10% | 39.02% | 70.73% | 41.46% |
| Madagascar | 58.54% | 48.78% | 58.54% | 46.34% | 63.41% | 48.78% |
| Malawi | 60.98% | 53.66% | 58.54% | 53.66% | 60.98% | 56.10% |

Supplementary Table 9. Data coverage index for all risk factors for 204 reporting locations, 1990–2005, 2005–2019 and in total by all ages and for the 70+ age group

| | 1990-2005 | | 2005-2019 | | 1990-2019 | |
|-----------------------------|-----------|--------|-----------|--------|-----------|--------|
| | All ages | 70+ | All ages | 70+ | All ages | 70+ |
| Mozambique | 60.98% | 48.78% | 60.98% | 51.22% | 65.85% | 53.66% |
| Rwanda | 53.66% | 46.34% | 58.54% | 48.78% | 58.54% | 48.78% |
| Somalia | 31.71% | 26.83% | 41.46% | 34.15% | 41.46% | 34.15% |
| South Sudan | 9.76% | 9.76% | 26.83% | 12.20% | 26.83% | 12.20% |
| Uganda | 63.41% | 51.22% | 68.29% | 51.22% | 68.29% | 53.66% |
| United Republic of Tanzania | 63.41% | 51.22% | 68.29% | 51.22% | 68.29% | 53.66% |
| Zambia | 60.98% | 53.66% | 58.54% | 48.78% | 63.41% | 56.10% |
| Botswana | 58.54% | 46.34% | 53.66% | 53.66% | 60.98% | 56.10% |
| Eswatini | 41.46% | 39.02% | 60.98% | 36.59% | 60.98% | 41.46% |
| Lesotho | 56.10% | 43.90% | 53.66% | 46.34% | 58.54% | 46.34% |
| Namibia | 60.98% | 51.22% | 58.54% | 51.22% | 63.41% | 53.66% |
| South Africa | 68.29% | 63.41% | 73.17% | 63.41% | 75.61% | 68.29% |
| Zimbabwe | 63.41% | 43.90% | 60.98% | 51.22% | 65.85% | 53.66% |
| Benin | 48.78% | 36.59% | 56.10% | 51.22% | 60.98% | 51.22% |
| Burkina Faso | 56.10% | 48.78% | 58.54% | 48.78% | 58.54% | 51.22% |
| Cabo Verde | 29.27% | 24.39% | 46.34% | 29.27% | 48.78% | 29.27% |
| Cameroon | 46.34% | 39.02% | 58.54% | 48.78% | 60.98% | 53.66% |
| Chad | 41.46% | 41.46% | 43.90% | 41.46% | 46.34% | 43.90% |
| Côte d'Ivoire | 48.78% | 39.02% | 65.85% | 36.59% | 68.29% | 41.46% |
| Gambia | 41.46% | 34.15% | 58.54% | 48.78% | 60.98% | 48.78% |
| Ghana | 63.41% | 53.66% | 65.85% | 53.66% | 68.29% | 53.66% |
| Guinea | 41.46% | 36.59% | 41.46% | 34.15% | 46.34% | 39.02% |
| Guinea-Bissau | 39.02% | 34.15% | 36.59% | 31.71% | 39.02% | 34.15% |
| Liberia | 34.15% | 24.39% | 60.98% | 51.22% | 63.41% | 51.22% |
| Mali | 58.54% | 53.66% | 58.54% | 36.59% | 60.98% | 53.66% |
| Mauritania | 36.59% | 36.59% | 51.22% | 34.15% | 51.22% | 39.02% |
| Niger | 51.22% | 31.71% | 53.66% | 39.02% | 53.66% | 39.02% |
| Nigeria | 56.10% | 46.34% | 65.85% | 51.22% | 68.29% | 56.10% |
| Sao Tome and Principe | 46.34% | 41.46% | 56.10% | 46.34% | 58.54% | 46.34% |
| Senegal | 56.10% | 43.90% | 60.98% | 56.10% | 65.85% | 58.54% |
| Sierra Leone | 48.78% | 46.34% | 58.54% | 51.22% | 58.54% | 51.22% |
| Togo | 39.02% | 34.15% | 60.98% | 36.59% | 60.98% | 39.02% |

Supplementary Table 10. Data coverage index for all reporting locations for 69 risk factors, 1990–2005, 2005–2019 and in total by all ages and for the 70+ age group

| | 1990-2005 | | 2005-2019 | | 1990-2019 | |
|---|-----------|---------|-----------|---------|-----------|---------|
| | All ages | 70+ | All ages | 70+ | All ages | 70+ |
| Unsafe water source | 68.97% | 68.47% | 76.35% | 75.37% | 83.25% | 82.76% |
| Unsafe sanitation | 68.97% | 68.97% | 61.08% | 61.08% | 75.86% | 75.86% |
| No access to handwashing facility | 8.37% | 4.93% | 32.51% | 31.53% | 34.98% | 32.02% |
| Ambient particulate matter pollution | 100.00% | 0.00% | 100.00% | 0.00% | 100.00% | 0.00% |
| Household air pollution from solid fuels | 100.00% | 65.02% | 100.00% | 68.97% | 100.00% | 78.33% |
| Ambient ozone pollution | 100.00% | 1.48% | 100.00% | 0.99% | 100.00% | 1.48% |
| High temperature | 90.15% | 1.48% | 90.15% | 1.97% | 90.15% | 1.97% |
| Low temperature | 90.15% | 1.48% | 90.15% | 1.97% | 90.15% | 1.97% |
| Residential radon | 25.12% | 4.43% | 19.70% | 0.49% | 33.50% | 4.43% |
| Lead exposure | 0.00% | 0.00% | 100.00% | 0.00% | 100.00% | 0.00% |
| Occupational exposure to asbestos | 100.00% | 0.00% | 100.00% | 0.00% | 100.00% | 0.00% |
| Occupational exposure to arsenic | 100.00% | 71.92% | 100.00% | 69.95% | 100.00% | 77.83% |
| Occupational exposure to benzene | 100.00% | 71.92% | 100.00% | 69.95% | 100.00% | 77.83% |
| Occupational exposure to beryllium | 100.00% | 71.92% | 100.00% | 69.95% | 100.00% | 77.83% |
| Occupational exposure to cadmium | 100.00% | 71.92% | 100.00% | 69.95% | 100.00% | 77.83% |
| Occupational exposure to chromium | 100.00% | 71.92% | 100.00% | 69.95% | 100.00% | 77.83% |
| Occupational exposure to diesel engine exhaust | 100.00% | 71.92% | 100.00% | 69.95% | 100.00% | 77.83% |
| Occupational exposure to formaldehyde | 100.00% | 71.92% | 100.00% | 69.95% | 100.00% | 77.83% |
| Occupational exposure to nickel | 100.00% | 71.92% | 100.00% | 69.95% | 100.00% | 77.83% |
| Occupational exposure to polycyclic aromatic hydrocarbons | 100.00% | 71.92% | 100.00% | 69.95% | 100.00% | 77.83% |
| Occupational exposure to silica | 100.00% | 71.92% | 100.00% | 69.95% | 100.00% | 77.83% |
| Occupational exposure to sulfuric acid | 100.00% | 71.92% | 100.00% | 69.95% | 100.00% | 77.83% |
| Occupational exposure to trichloroethylene | 100.00% | 71.92% | 100.00% | 69.95% | 100.00% | 77.83% |
| Occupational asthmagens | 100.00% | 76.85% | 100.00% | 73.89% | 100.00% | 82.76% |
| Occupational particulate matter, gases, and fumes | 100.00% | 71.92% | 100.00% | 69.95% | 100.00% | 77.83% |
| Occupational noise | 100.00% | 71.92% | 100.00% | 69.95% | 100.00% | 77.83% |
| Occupational injuries | 83.25% | 75.37% | 90.15% | 71.92% | 95.57% | 81.28% |
| Occupational ergonomic factors | 100.00% | 71.92% | 100.00% | 69.95% | 100.00% | 77.83% |
| Non-exclusive breastfeeding | 67.49% | 66.50% | 66.50% | 65.52% | 79.80% | 79.80% |
| Discontinued breastfeeding | 62.56% | 61.08% | 61.58% | 60.59% | 74.88% | 74.38% |
| Child underweight | 100.00% | 0.00% | 62.07% | 0.00% | 100.00% | 0.00% |
| Child wasting | 100.00% | 0.00% | 63.05% | 0.00% | 100.00% | 0.00% |
| Child stunting | 100.00% | 0.00% | 63.05% | 0.00% | 100.00% | 0.00% |
| Short gestation | 84.24% | 0.00% | 91.63% | 0.00% | 94.09% | 0.00% |
| Low birth weight | 84.24% | 0.00% | 91.63% | 0.00% | 94.09% | 0.00% |
| Iron deficiency | 64.04% | 15.76% | 41.87% | 4.93% | 73.40% | 17.73% |
| Vitamin A deficiency | 44.33% | 4.93% | 8.37% | 0.00% | 45.32% | 4.93% |
| Zinc deficiency | 85.71% | 85.71% | 85.71% | 85.71% | 85.71% | 85.71% |
| Smoking | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Chewing tobacco | 23.65% | 12.81% | 90.64% | 40.39% | 90.64% | 41.87% |
| Secondhand smoke | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Alcohol use | 100.00% | 43.35% | 100.00% | 33.50% | 100.00% | 54.19% |
| Drug use | 14.78% | 2.96% | 33.50% | 1.48% | 36.95% | 3.94% |
| Diet low in fruits | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Diet low in vegetables | 100.00% | 88.18% | 100.00% | 88.18% | 100.00% | 88.18% |

Supplementary Table 10. Data coverage index for all reporting locations for 69 risk factors, 1990–2005, 2005–2019 and in total by all ages and for the 70+ age group

| | 1990-2005 | | 2005-2019 | | 1990-2019 | |
|---|-----------|---------|-----------|---------|-----------|---------|
| | All ages | 70+ | All ages | 70+ | All ages | 70+ |
| Diet low in legumes | 83.25% | 82.27% | 82.27% | 82.27% | 83.25% | 82.27% |
| Diet low in whole grains | 89.66% | 89.66% | 92.12% | 92.12% | 92.12% | 92.12% |
| Diet low in nuts and seeds | 79.31% | 79.31% | 79.31% | 79.31% | 79.31% | 79.31% |
| Diet low in milk | 88.67% | 88.67% | 88.67% | 88.67% | 88.67% | 88.67% |
| Diet high in red meat | 89.16% | 89.16% | 89.16% | 89.16% | 89.16% | 89.16% |
| Diet high in processed meat | 28.57% | 28.57% | 34.48% | 33.50% | 34.48% | 33.50% |
| Diet high in sugar-sweetened beverages | 28.57% | 28.57% | 33.50% | 32.51% | 33.99% | 33.00% |
| Diet low in fiber | 100.00% | 100.00% | 89.66% | 89.66% | 100.00% | 100.00% |
| Diet low in calcium | 87.19% | 87.19% | 86.70% | 86.70% | 87.19% | 87.19% |
| Diet low in seafood omega-3 fatty acids | 88.18% | 87.68% | 87.68% | 87.68% | 88.18% | 87.68% |
| Diet low in polyunsaturated fatty acids | 100.00% | 87.68% | 87.19% | 87.19% | 100.00% | 87.68% |
| Diet high in trans fatty acids | 33.99% | 33.99% | 34.98% | 34.48% | 34.98% | 34.48% |
| Diet high in sodium | 100.00% | 4.93% | 100.00% | 9.85% | 100.00% | 11.82% |
| Intimate partner violence | 41.38% | 22.17% | 60.10% | 31.53% | 64.53% | 36.45% |
| Childhood sexual abuse | 26.60% | 6.90% | 22.66% | 4.93% | 33.99% | 9.36% |
| Bullying victimization | 22.17% | 0.00% | 56.65% | 0.00% | 59.61% | 0.00% |
| Unsafe sex | 16.75% | 16.75% | 46.80% | 46.80% | 47.29% | 47.29% |
| Low physical activity | 47.78% | 18.23% | 50.74% | 25.12% | 64.04% | 29.06% |
| High fasting plasma glucose | 37.44% | 26.60% | 49.75% | 31.03% | 59.61% | 39.90% |
| High LDL cholesterol | 39.41% | 26.60% | 53.20% | 28.08% | 67.98% | 38.92% |
| High systolic blood pressure | 50.25% | 38.92% | 68.97% | 39.41% | 79.31% | 52.71% |
| High body-mass index | 79.31% | 52.22% | 87.68% | 46.31% | 92.61% | 63.05% |
| Low bone mineral density | 20.69% | 19.21% | 10.84% | 9.36% | 22.66% | 21.67% |
| Kidney dysfunction | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |

Supplementary Table 11. Data coverage index for all non-fatal causes for 204 locations, 1990–2005, 2005–2019 and in total by all ages and for the 70+ age group

| | 1990-2005 | | 2005-2019 | | 1990-2019 | |
|--------------------------|-----------|--------|-----------|--------|-----------|--------|
| | All ages | 70+ | All ages | 70+ | All ages | 70+ |
| Armenia | 7.58% | 2.53% | 7.58% | 2.53% | 8.59% | 3.03% |
| Azerbaijan | 7.07% | 3.03% | 6.57% | 2.02% | 8.08% | 3.54% |
| Georgia | 7.58% | 4.55% | 23.74% | 20.71% | 25.25% | 22.22% |
| Kazakhstan | 8.08% | 4.55% | 6.57% | 3.54% | 9.09% | 5.56% |
| Kyrgyzstan | 7.58% | 3.03% | 10.61% | 7.07% | 12.12% | 8.08% |
| Mongolia | 9.60% | 5.05% | 9.09% | 5.05% | 10.61% | 6.06% |
| Tajikistan | 6.06% | 2.53% | 6.57% | 2.02% | 7.07% | 3.03% |
| Turkmenistan | 5.05% | 2.53% | 5.56% | 1.52% | 5.56% | 2.53% |
| Uzbekistan | 7.07% | 3.03% | 6.06% | 1.52% | 7.07% | 3.03% |
| Albania | 6.06% | 2.02% | 10.61% | 5.56% | 11.62% | 6.57% |
| Bosnia and Herzegovina | 10.61% | 5.56% | 9.60% | 4.55% | 11.62% | 6.57% |
| Bulgaria | 24.75% | 20.20% | 22.73% | 20.20% | 26.77% | 21.72% |
| Croatia | 39.90% | 36.87% | 39.39% | 36.36% | 39.90% | 36.87% |
| Czechia | 26.26% | 22.22% | 39.90% | 37.37% | 42.42% | 38.89% |
| Hungary | 24.24% | 19.70% | 22.22% | 19.19% | 25.76% | 21.21% |
| Montenegro | 3.03% | 0.51% | 6.06% | 2.02% | 6.06% | 2.02% |
| North Macedonia | 5.56% | 1.52% | 6.06% | 2.02% | 6.57% | 2.02% |
| Poland | 34.34% | 30.30% | 33.84% | 31.82% | 35.35% | 32.32% |
| Romania | 10.61% | 4.04% | 34.34% | 31.82% | 38.89% | 32.32% |
| Serbia | 23.23% | 18.69% | 32.32% | 29.80% | 34.34% | 31.31% |
| Slovakia | 32.32% | 29.80% | 31.31% | 29.80% | 33.33% | 30.81% |
| Slovenia | 37.88% | 35.86% | 38.38% | 36.87% | 39.39% | 37.37% |
| Belarus | 20.71% | 18.18% | 22.22% | 18.18% | 23.23% | 19.19% |
| Estonia | 24.75% | 21.21% | 25.25% | 21.72% | 27.78% | 24.24% |
| Latvia | 32.32% | 29.80% | 32.83% | 31.31% | 33.84% | 31.82% |
| Lithuania | 34.85% | 30.81% | 33.84% | 30.81% | 35.35% | 31.82% |
| Republic of Moldova | 5.56% | 3.03% | 7.58% | 4.04% | 8.08% | 4.55% |
| Russian Federation | 11.11% | 6.57% | 11.11% | 9.60% | 15.15% | 11.11% |
| Ukraine | 17.68% | 15.15% | 16.67% | 13.13% | 18.69% | 15.66% |
| Australia | 39.90% | 33.84% | 35.86% | 31.31% | 41.41% | 35.86% |
| New Zealand | 30.30% | 25.25% | 30.30% | 25.76% | 33.33% | 28.79% |
| Brunei Darussalam | 5.56% | 3.54% | 20.71% | 18.18% | 21.21% | 18.69% |
| Japan | 26.26% | 22.73% | 26.26% | 23.23% | 28.79% | 25.25% |
| Republic of Korea | 33.84% | 27.78% | 34.85% | 29.29% | 38.38% | 32.83% |
| Singapore | 30.81% | 24.24% | 30.81% | 27.27% | 33.84% | 28.28% |
| Canada | 33.84% | 29.80% | 32.32% | 29.29% | 36.36% | 32.83% |
| Greenland | 15.66% | 14.14% | 18.18% | 16.16% | 18.18% | 16.16% |
| United States of America | 54.55% | 46.46% | 56.06% | 49.49% | 58.59% | 50.51% |
| Argentina | 30.81% | 26.26% | 29.80% | 26.77% | 33.33% | 28.79% |
| Chile | 44.44% | 40.40% | 43.94% | 40.91% | 47.98% | 43.94% |
| Uruguay | 27.27% | 22.73% | 24.24% | 20.20% | 28.79% | 24.24% |
| Andorra | 2.53% | 1.01% | 3.54% | 1.52% | 3.54% | 1.52% |
| Austria | 33.33% | 31.31% | 34.85% | 31.31% | 35.86% | 32.32% |

Supplementary Table 11. Data coverage index for all non-fatal causes for 204 locations, 1990–2005, 2005–2019 and in total by all ages and for the 70+ age group

| | 1990-2005 | | 2005-2019 | | 1990-2019 | |
|----------------------------------|-----------|--------|-----------|--------|-----------|--------|
| | All ages | 70+ | All ages | 70+ | All ages | 70+ |
| Belgium | 42.93% | 38.38% | 41.41% | 38.38% | 44.95% | 40.40% |
| Cyprus | 31.82% | 29.29% | 34.85% | 31.31% | 35.35% | 31.82% |
| Denmark | 42.42% | 38.38% | 40.91% | 37.88% | 42.93% | 39.39% |
| Finland | 47.98% | 42.93% | 42.93% | 40.40% | 48.48% | 43.43% |
| France | 36.36% | 30.30% | 35.35% | 29.29% | 39.90% | 33.84% |
| Germany | 36.36% | 31.31% | 42.93% | 39.39% | 45.45% | 41.41% |
| Greece | 13.64% | 9.09% | 16.16% | 9.09% | 19.19% | 12.12% |
| Iceland | 28.28% | 22.73% | 33.84% | 31.31% | 36.87% | 32.83% |
| Ireland | 30.30% | 22.73% | 28.28% | 22.73% | 31.82% | 25.76% |
| Israel | 31.82% | 25.25% | 29.80% | 23.74% | 33.84% | 27.27% |
| Italy | 27.78% | 24.24% | 30.81% | 28.28% | 34.85% | 31.82% |
| Luxembourg | 15.66% | 13.64% | 16.67% | 14.14% | 17.68% | 15.15% |
| Malta | 32.32% | 29.29% | 38.38% | 35.86% | 39.39% | 36.36% |
| Monaco | 1.01% | 0.00% | 1.52% | 0.00% | 1.52% | 0.00% |
| Netherlands | 40.91% | 33.84% | 39.39% | 33.84% | 43.94% | 37.37% |
| Norway | 30.30% | 24.75% | 30.81% | 24.75% | 33.33% | 27.78% |
| Portugal | 27.78% | 24.24% | 43.94% | 41.41% | 46.97% | 43.43% |
| San Marino | 1.52% | 0.00% | 1.52% | 0.00% | 1.52% | 0.00% |
| Spain | 38.89% | 33.84% | 38.89% | 31.82% | 44.95% | 36.36% |
| Sweden | 40.91% | 37.88% | 43.43% | 40.91% | 43.94% | 40.91% |
| Switzerland | 42.42% | 38.89% | 40.91% | 39.39% | 43.94% | 40.40% |
| United Kingdom | 5.05% | 2.53% | 19.19% | 18.18% | 20.71% | 18.69% |
| Bolivia (Plurinational State of) | 11.11% | 6.06% | 8.59% | 4.55% | 11.62% | 7.07% |
| Ecuador | 36.87% | 33.84% | 37.37% | 34.34% | 39.39% | 36.87% |
| Peru | 29.29% | 23.23% | 30.81% | 25.25% | 33.33% | 27.78% |
| Antigua and Barbuda | 3.54% | 1.52% | 4.04% | 2.02% | 4.04% | 2.02% |
| Bahamas | 4.55% | 2.02% | 5.56% | 3.54% | 6.06% | 3.54% |
| Barbados | 6.57% | 3.54% | 7.07% | 4.55% | 8.59% | 5.05% |
| Belize | 6.06% | 2.53% | 8.59% | 4.55% | 9.09% | 5.05% |
| Bermuda | 7.07% | 6.06% | 10.10% | 9.09% | 10.10% | 9.09% |
| Cuba | 27.78% | 23.74% | 28.79% | 25.76% | 31.31% | 27.27% |
| Dominica | 3.54% | 1.52% | 5.56% | 3.03% | 5.56% | 3.03% |
| Dominican Republic | 12.12% | 6.57% | 9.60% | 5.56% | 13.13% | 8.08% |
| Grenada | 16.67% | 14.65% | 6.06% | 3.54% | 19.19% | 16.67% |
| Guyana | 7.07% | 3.54% | 8.59% | 4.04% | 8.59% | 4.55% |
| Haiti | 7.58% | 3.03% | 8.08% | 4.55% | 9.60% | 5.56% |
| Jamaica | 22.22% | 18.18% | 23.23% | 20.20% | 24.24% | 20.20% |
| Puerto Rico | 22.22% | 18.69% | 25.25% | 23.23% | 26.77% | 23.23% |
| Saint Kitts and Nevis | 1.52% | 0.00% | 3.54% | 2.02% | 3.54% | 2.02% |
| Saint Lucia | 4.04% | 2.02% | 6.57% | 2.53% | 6.57% | 2.53% |
| Saint Vincent and the Grenadines | 4.04% | 2.02% | 5.56% | 3.03% | 5.56% | 3.03% |
| Suriname | 6.06% | 2.02% | 7.07% | 3.03% | 7.58% | 3.54% |
| Trinidad and Tobago | 21.72% | 18.18% | 21.72% | 19.19% | 22.73% | 19.19% |

Supplementary Table 11. Data coverage index for all non-fatal causes for 204 locations, 1990–2005, 2005–2019 and in total by all ages and for the 70+ age group

| | 1990-2005 | | 2005-2019 | | 1990-2019 | |
|---------------------------------------|-----------|--------|-----------|--------|-----------|--------|
| | All ages | 70+ | All ages | 70+ | All ages | 70+ |
| United States Virgin Islands | 3.03% | 0.51% | 6.06% | 3.54% | 6.06% | 3.54% |
| Colombia | 31.82% | 22.73% | 31.31% | 23.23% | 33.84% | 25.76% |
| Costa Rica | 25.25% | 20.71% | 24.75% | 21.21% | 26.77% | 21.72% |
| El Salvador | 8.08% | 3.54% | 9.09% | 5.56% | 9.60% | 5.56% |
| Guatemala | 12.63% | 7.58% | 10.10% | 6.57% | 13.64% | 9.09% |
| Honduras | 9.09% | 5.05% | 9.09% | 5.56% | 10.61% | 6.57% |
| Mexico | 17.68% | 13.64% | 18.69% | 14.65% | 22.22% | 18.69% |
| Nicaragua | 8.08% | 2.53% | 9.09% | 4.04% | 10.10% | 4.55% |
| Panama | 24.24% | 18.69% | 25.25% | 20.71% | 26.77% | 21.21% |
| Venezuela (Bolivarian Republic of) | 11.62% | 6.57% | 11.62% | 8.08% | 14.65% | 9.60% |
| Brazil | 14.14% | 9.60% | 15.15% | 9.60% | 18.69% | 13.13% |
| Paraguay | 11.62% | 6.57% | 8.08% | 4.55% | 12.12% | 7.58% |
| Afghanistan | 5.05% | 2.02% | 7.07% | 4.04% | 7.07% | 4.04% |
| Algeria | 23.23% | 18.18% | 22.73% | 19.19% | 25.76% | 20.71% |
| Bahrain | 19.70% | 16.67% | 22.22% | 19.19% | 22.22% | 19.19% |
| Egypt | 31.82% | 24.75% | 28.79% | 21.72% | 35.86% | 27.78% |
| Iran (Islamic Republic of) | 34.85% | 30.30% | 34.85% | 27.78% | 41.41% | 32.83% |
| Iraq | 7.58% | 1.52% | 25.76% | 21.21% | 27.78% | 21.72% |
| Jordan | 22.22% | 17.68% | 29.29% | 26.77% | 31.31% | 27.27% |
| Kuwait | 26.77% | 22.22% | 23.74% | 19.70% | 27.78% | 23.23% |
| Lebanon | 19.19% | 15.66% | 25.25% | 20.20% | 27.78% | 22.22% |
| Libya | 20.71% | 17.68% | 21.72% | 18.69% | 22.73% | 19.19% |
| Morocco | 22.73% | 18.18% | 18.69% | 15.15% | 27.27% | 23.23% |
| Oman | 22.22% | 18.18% | 24.24% | 19.70% | 25.76% | 20.20% |
| Palestine | 4.55% | 1.01% | 21.21% | 18.69% | 21.72% | 18.69% |
| Qatar | 28.28% | 25.76% | 32.32% | 28.79% | 33.33% | 28.79% |
| Saudi Arabia | 27.78% | 21.21% | 26.26% | 20.71% | 31.31% | 22.73% |
| Sudan | 7.58% | 4.04% | 8.59% | 5.05% | 10.10% | 6.06% |
| Syrian Arab Republic | 6.57% | 1.01% | 6.57% | 2.02% | 7.58% | 2.02% |
| Tunisia | 24.24% | 20.71% | 23.74% | 19.70% | 27.27% | 22.73% |
| Turkey | 35.35% | 26.77% | 40.91% | 34.85% | 46.46% | 38.38% |
| United Arab Emirates | 11.11% | 4.04% | 6.57% | 4.04% | 12.12% | 5.56% |
| Yemen | 8.08% | 2.53% | 24.75% | 19.70% | 26.26% | 20.20% |
| Bangladesh | 20.20% | 9.09% | 12.63% | 8.08% | 22.22% | 11.62% |
| Bhutan | 6.06% | 2.53% | 6.57% | 3.54% | 7.58% | 3.54% |
| India | 44.44% | 32.32% | 54.04% | 47.98% | 57.58% | 49.49% |
| Nepal | 14.65% | 8.59% | 29.80% | 25.76% | 32.83% | 27.27% |
| Pakistan | 12.63% | 7.07% | 10.10% | 5.05% | 15.15% | 8.59% |
| China | 17.17% | 11.62% | 18.18% | 14.65% | 23.23% | 18.18% |
| Democratic People's Republic of Korea | 4.55% | 1.52% | 4.55% | 1.52% | 5.05% | 2.02% |
| Taiwan (Province of China) | 33.84% | 28.28% | 46.46% | 42.93% | 47.98% | 43.94% |
| American Samoa | 3.54% | 1.01% | 5.05% | 2.53% | 5.56% | 2.53% |
| Cook Islands | 3.03% | 1.01% | 3.03% | 1.52% | 3.54% | 1.52% |

Supplementary Table 11. Data coverage index for all non-fatal causes for 204 locations, 1990–2005, 2005–2019 and in total by all ages and for the 70+ age group

| | 1990-2005 | | 2005-2019 | | 1990-2019 | |
|----------------------------------|-----------|--------|-----------|--------|-----------|--------|
| | All ages | 70+ | All ages | 70+ | All ages | 70+ |
| Fiji | 22.73% | 17.68% | 22.73% | 19.19% | 24.75% | 19.70% |
| Guam | 3.03% | 1.01% | 4.55% | 2.02% | 4.55% | 2.02% |
| Kiribati | 5.05% | 2.53% | 4.55% | 2.53% | 5.05% | 2.53% |
| Marshall Islands | 5.05% | 2.53% | 5.05% | 2.53% | 6.06% | 3.03% |
| Micronesia (Federated States of) | 6.06% | 3.54% | 5.05% | 3.03% | 6.57% | 4.04% |
| Nauru | 2.02% | 0.51% | 2.02% | 1.01% | 2.53% | 1.01% |
| Niue | 1.52% | 0.51% | 2.02% | 1.01% | 2.02% | 1.01% |
| Northern Mariana Islands | 2.53% | 0.51% | 3.54% | 1.52% | 3.54% | 1.52% |
| Palau | 1.52% | 0.51% | 2.53% | 1.01% | 2.53% | 1.01% |
| Papua New Guinea | 7.58% | 2.53% | 7.58% | 4.04% | 9.09% | 4.55% |
| Samoa | 5.56% | 3.03% | 4.04% | 2.53% | 5.56% | 3.03% |
| Solomon Islands | 4.04% | 2.02% | 6.57% | 3.54% | 6.57% | 3.54% |
| Tokelau | 0.00% | 0.00% | 0.51% | 0.51% | 0.51% | 0.51% |
| Tonga | 8.59% | 5.05% | 6.57% | 4.04% | 9.60% | 5.56% |
| Tuvalu | 1.52% | 0.51% | 1.52% | 0.51% | 1.52% | 0.51% |
| Vanuatu | 6.06% | 3.54% | 7.07% | 3.03% | 7.58% | 3.54% |
| Cambodia | 12.63% | 7.58% | 8.59% | 5.05% | 13.13% | 8.59% |
| Indonesia | 9.09% | 4.04% | 9.09% | 6.57% | 11.62% | 7.58% |
| Lao People's Democratic Republic | 9.09% | 5.56% | 9.09% | 5.05% | 12.63% | 8.08% |
| Malaysia | 27.78% | 23.23% | 27.78% | 23.23% | 31.31% | 26.26% |
| Maldives | 6.06% | 2.53% | 7.58% | 3.54% | 8.59% | 3.54% |
| Mauritius | 19.70% | 15.66% | 17.68% | 15.15% | 21.21% | 17.17% |
| Myanmar | 8.59% | 5.05% | 7.07% | 3.03% | 9.60% | 5.56% |
| Philippines | 12.12% | 6.06% | 24.75% | 21.21% | 27.78% | 22.73% |
| Seychelles | 4.04% | 1.52% | 21.21% | 18.69% | 21.72% | 18.69% |
| Sri Lanka | 28.79% | 22.73% | 22.73% | 16.67% | 30.81% | 24.24% |
| Thailand | 37.37% | 31.31% | 28.79% | 24.75% | 39.90% | 33.84% |
| Timor-Leste | 6.06% | 2.53% | 8.08% | 4.04% | 8.59% | 4.55% |
| Viet Nam | 33.33% | 25.76% | 41.41% | 36.87% | 46.46% | 40.91% |
| Angola | 8.08% | 2.02% | 9.09% | 4.55% | 10.61% | 4.55% |
| Central African Republic | 9.09% | 4.04% | 9.09% | 5.56% | 11.11% | 6.57% |
| Congo | 10.61% | 6.06% | 9.60% | 4.04% | 14.14% | 8.08% |
| Democratic Republic of the Congo | 8.08% | 3.54% | 11.62% | 7.58% | 12.12% | 8.08% |
| Equatorial Guinea | 6.06% | 1.52% | 6.57% | 3.03% | 7.58% | 3.03% |
| Gabon | 7.07% | 2.53% | 10.61% | 3.54% | 12.63% | 4.04% |
| Burundi | 7.58% | 3.54% | 8.59% | 3.54% | 10.10% | 5.05% |
| Comoros | 8.59% | 4.55% | 6.57% | 3.03% | 9.60% | 5.05% |
| Djibouti | 5.05% | 1.52% | 5.05% | 2.02% | 5.56% | 2.02% |
| Eritrea | 5.05% | 1.01% | 7.58% | 4.04% | 8.59% | 4.04% |
| Ethiopia | 13.13% | 8.08% | 13.13% | 7.58% | 16.67% | 11.62% |
| Kenya | 25.76% | 21.72% | 13.64% | 6.06% | 27.78% | 23.23% |
| Madagascar | 8.59% | 3.03% | 8.59% | 4.04% | 11.11% | 5.56% |
| Malawi | 28.28% | 23.23% | 28.28% | 24.24% | 31.82% | 27.27% |

Supplementary Table 11. Data coverage index for all non-fatal causes for 204 locations, 1990–2005, 2005–2019 and in total by all ages and for the 70+ age group

| | 1990-2005 | | 2005-2019 | | 1990-2019 | |
|-----------------------------|-----------|--------|-----------|--------|-----------|--------|
| | All ages | 70+ | All ages | 70+ | All ages | 70+ |
| Mozambique | 12.12% | 6.06% | 11.11% | 4.55% | 15.66% | 8.59% |
| Rwanda | 6.57% | 2.02% | 13.64% | 7.07% | 14.14% | 7.07% |
| Somalia | 4.04% | 1.01% | 5.05% | 2.02% | 5.56% | 2.02% |
| South Sudan | 6.57% | 2.02% | 9.60% | 4.55% | 10.10% | 5.05% |
| Uganda | 27.78% | 21.21% | 31.82% | 25.25% | 33.33% | 25.76% |
| United Republic of Tanzania | 15.66% | 7.07% | 18.69% | 11.11% | 22.22% | 13.64% |
| Zambia | 10.61% | 5.56% | 10.10% | 5.56% | 13.13% | 8.59% |
| Botswana | 28.28% | 24.24% | 29.80% | 25.76% | 31.31% | 26.77% |
| Eswatini | 8.59% | 4.55% | 7.58% | 3.03% | 11.11% | 5.56% |
| Lesotho | 6.57% | 2.02% | 7.58% | 3.54% | 8.59% | 4.04% |
| Namibia | 23.74% | 18.18% | 21.72% | 17.68% | 25.76% | 20.20% |
| South Africa | 26.26% | 21.21% | 28.79% | 25.76% | 31.82% | 27.78% |
| Zimbabwe | 27.78% | 21.21% | 24.75% | 20.71% | 29.80% | 23.74% |
| Benin | 10.10% | 4.55% | 12.12% | 7.07% | 13.13% | 7.58% |
| Burkina Faso | 12.63% | 7.07% | 13.64% | 8.59% | 16.16% | 10.61% |
| Cabo Verde | 6.06% | 2.02% | 6.57% | 3.54% | 8.59% | 4.04% |
| Cameroon | 23.23% | 18.69% | 22.73% | 17.68% | 26.26% | 20.71% |
| Chad | 10.61% | 5.56% | 8.59% | 4.04% | 12.12% | 7.07% |
| Côte d'Ivoire | 12.12% | 6.06% | 10.61% | 5.05% | 14.14% | 8.08% |
| Gambia | 24.75% | 19.19% | 20.71% | 16.16% | 27.27% | 21.21% |
| Ghana | 16.16% | 7.07% | 21.72% | 12.63% | 23.23% | 13.13% |
| Guinea | 23.23% | 18.18% | 21.21% | 16.67% | 25.76% | 20.71% |
| Guinea-Bissau | 6.06% | 2.02% | 9.60% | 5.56% | 9.60% | 5.56% |
| Liberia | 5.05% | 1.52% | 8.59% | 3.54% | 9.09% | 3.54% |
| Mali | 28.79% | 20.20% | 22.73% | 16.67% | 33.84% | 24.24% |
| Mauritania | 8.59% | 4.55% | 7.58% | 5.05% | 10.61% | 7.58% |
| Niger | 21.21% | 15.15% | 21.21% | 15.66% | 22.73% | 16.16% |
| Nigeria | 15.15% | 8.59% | 13.64% | 9.09% | 19.70% | 13.13% |
| Sao Tome and Principe | 5.05% | 1.52% | 7.07% | 2.53% | 7.58% | 2.53% |
| Senegal | 13.13% | 7.07% | 12.63% | 6.06% | 16.67% | 9.60% |
| Sierra Leone | 6.57% | 2.02% | 9.60% | 5.05% | 9.60% | 5.05% |
| Togo | 8.59% | 3.54% | 9.60% | 5.05% | 11.11% | 6.06% |

Supplementary Table 12. Data coverage index for all locations for 286 non-fatal causes, 1990–2005, 2005–2019 and in total by all ages and for the 70+ age group

| | 1990-2005 | | 2005-2019 | | 1990-2019 | |
|---|-----------|---------|-----------|---------|-----------|---------|
| | All ages | 70+ | All ages | 70+ | All ages | 70+ |
| HIV/AIDS - Drug-susceptible Tuberculosis | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| HIV/AIDS - Multidrug-resistant Tuberculosis without extensive drug resistance | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| HIV/AIDS - Extensively drug-resistant Tuberculosis | 26.89% | 26.89% | 63.45% | 63.45% | 63.87% | 63.87% |
| HIV/AIDS resulting in other diseases | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Syphilis | 100.00% | 16.39% | 100.00% | 21.43% | 100.00% | 21.85% |
| Chlamydial infection | 40.76% | 3.36% | 100.00% | 3.78% | 100.00% | 5.88% |
| Gonococcal infection | 36.55% | 1.68% | 100.00% | 2.52% | 100.00% | 2.94% |
| Trichomoniasis | 12.61% | 0.84% | 100.00% | 2.94% | 100.00% | 3.36% |
| Genital herpes | 27.31% | 13.03% | 13.03% | 3.36% | 29.83% | 15.13% |
| Other sexually transmitted infections | 2.10% | 1.26% | 0.84% | 0.42% | 2.10% | 1.26% |
| Latent tuberculosis infection | 14.71% | 1.26% | 11.76% | 0.84% | 19.75% | 1.68% |
| Drug-susceptible tuberculosis | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Multidrug-resistant tuberculosis without extensive drug resistance | 77.73% | 77.73% | 80.67% | 80.67% | 81.09% | 81.09% |
| Extensively drug-resistant tuberculosis | 0.84% | 0.84% | 34.45% | 34.45% | 35.29% | 35.29% |
| Lower respiratory infections | 51.68% | 13.03% | 71.85% | 34.45% | 73.53% | 34.45% |
| Upper respiratory infections | 22.27% | 0.42% | 22.69% | 0.42% | 29.41% | 0.42% |
| Otitis media | 7.56% | 1.26% | 100.00% | 1.26% | 100.00% | 1.68% |
| Diarrheal diseases | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Typhoid fever | 5.88% | 5.88% | 6.72% | 6.30% | 8.82% | 8.40% |
| Paratyphoid fever | 8.40% | 8.40% | 7.98% | 7.56% | 11.34% | 10.92% |
| Invasive Non-typhoidal Salmonella (iNTS) | 5.04% | 3.36% | 7.14% | 5.88% | 8.40% | 6.30% |
| Other intestinal infectious diseases | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Malaria | 100.00% | 1.26% | 100.00% | 0.00% | 100.00% | 1.26% |
| Chagas disease | 3.78% | 2.52% | 8.82% | 8.82% | 8.82% | 8.82% |
| Visceral leishmaniasis | 21.85% | 21.43% | 29.41% | 29.41% | 29.83% | 29.83% |
| Cutaneous and mucocutaneous leishmaniasis | 20.59% | 19.75% | 30.25% | 30.25% | 30.25% | 30.25% |
| African trypanosomiasis | 12.61% | 10.50% | 12.18% | 10.92% | 12.61% | 11.76% |
| Schistosomiasis | 65.13% | 58.40% | 64.29% | 58.40% | 68.91% | 62.18% |
| Cysticercosis | 4.62% | 4.20% | 2.94% | 2.52% | 5.46% | 5.04% |
| Cystic echinococcosis | 81.93% | 17.23% | 81.93% | 18.91% | 81.93% | 22.69% |
| Lymphatic filariasis | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Onchocerciasis | 12.61% | 1.68% | 12.61% | 0.84% | 12.61% | 1.68% |
| Trachoma | 9.66% | 9.66% | 19.75% | 19.33% | 21.01% | 21.01% |
| Dengue | 28.99% | 28.99% | 100.00% | 100.00% | 100.00% | 100.00% |
| Yellow fever | 74.79% | 74.79% | 81.93% | 81.93% | 81.93% | 81.93% |
| Rabies | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Ascariasis | 57.98% | 57.14% | 57.56% | 56.30% | 58.40% | 57.14% |
| Trichuriasis | 57.98% | 57.14% | 57.56% | 56.30% | 58.40% | 57.14% |
| Hookworm disease | 57.98% | 57.14% | 57.56% | 56.30% | 58.40% | 57.14% |
| Food-borne trematodiasis | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Leprosy | 52.10% | 52.10% | 72.27% | 72.27% | 72.27% | 72.27% |
| Ebola | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Zika virus | 0.00% | 0.00% | 62.61% | 62.61% | 62.61% | 62.61% |
| Guinea worm disease | 7.98% | 7.98% | 7.98% | 7.98% | 7.98% | 7.98% |
| Other neglected tropical diseases | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Meningitis | 100.00% | 20.59% | 100.00% | 25.63% | 100.00% | 29.41% |
| Encephalitis | 100.00% | 11.76% | 100.00% | 16.81% | 100.00% | 18.49% |
| Diphtheria | 100.00% | 3.78% | 100.00% | 2.10% | 100.00% | 4.62% |
| Whooping cough | 100.00% | 0.00% | 100.00% | 0.00% | 100.00% | 0.00% |
| Tetanus | 100.00% | 5.46% | 100.00% | 2.94% | 100.00% | 5.88% |
| Measles | 100.00% | 0.00% | 100.00% | 0.00% | 100.00% | 0.00% |

Supplementary Table 12. Data coverage index for all locations for 286 non-fatal causes, 1990–2005, 2005–2019 and in total by all ages and for the 70+ age group

| | 1990-2005 | | 2005-2019 | | 1990-2019 | |
|--|-----------|---------|-----------|---------|-----------|---------|
| | All ages | 70+ | All ages | 70+ | All ages | 70+ |
| Varicella and herpes zoster | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Acute hepatitis A | 39.08% | 21.85% | 19.33% | 9.66% | 43.28% | 25.63% |
| Acute hepatitis B | 34.45% | 17.65% | 26.89% | 8.82% | 44.54% | 23.11% |
| Acute hepatitis C | 35.71% | 20.17% | 22.27% | 17.65% | 43.70% | 28.99% |
| Acute hepatitis E | 15.97% | 11.34% | 2.94% | 2.52% | 17.23% | 12.18% |
| Other unspecified infectious diseases | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Maternal hemorrhage | 21.85% | 0.00% | 28.99% | 0.00% | 34.45% | 0.00% |
| Maternal sepsis and other maternal infections | 16.81% | 0.00% | 24.37% | 0.00% | 28.57% | 0.00% |
| Maternal hypertensive disorders | 28.15% | 0.00% | 38.66% | 0.00% | 42.86% | 0.00% |
| Maternal obstructed labor and uterine rupture | 17.65% | 0.00% | 22.27% | 0.42% | 26.89% | 0.42% |
| Maternal abortion and miscarriage | 12.61% | 0.00% | 21.01% | 0.00% | 21.43% | 0.00% |
| Ectopic pregnancy | 9.24% | 0.00% | 18.07% | 0.00% | 18.49% | 0.00% |
| Other maternal disorders | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Neonatal preterm birth | 50.84% | 0.00% | 61.76% | 0.00% | 65.55% | 0.00% |
| Neonatal encephalopathy due to birth asphyxia and trauma | 18.49% | 0.00% | 19.33% | 0.00% | 22.27% | 0.00% |
| Neonatal sepsis and other neonatal infections | 13.87% | 0.00% | 18.49% | 0.00% | 19.75% | 0.00% |
| Hemolytic disease and other neonatal jaundice | 33.19% | 0.00% | 100.00% | 0.00% | 100.00% | 0.00% |
| Other neonatal disorders | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Protein-energy malnutrition | 59.24% | 0.00% | 56.30% | 0.00% | 64.29% | 0.00% |
| Iodine deficiency | 30.67% | 11.34% | 3.36% | 0.84% | 30.67% | 11.34% |
| Vitamin A deficiency | 37.39% | 4.20% | 7.14% | 0.00% | 38.66% | 4.20% |
| Dietary iron deficiency | 100.00% | 0.00% | 100.00% | 0.00% | 100.00% | 0.00% |
| Other nutritional deficiencies | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Lip and oral cavity cancer | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Nasopharynx cancer | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Other pharynx cancer | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Esophageal cancer | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Stomach cancer | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Colon and rectum cancer | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Liver cancer due to hepatitis B | 23.95% | 22.69% | 34.03% | 33.19% | 41.18% | 39.50% |
| Liver cancer due to hepatitis C | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Liver cancer due to alcohol use | 7.14% | 6.72% | 22.69% | 22.69% | 25.21% | 24.79% |
| Liver cancer due to NASH | 7.14% | 6.72% | 23.53% | 23.53% | 25.21% | 24.79% |
| Hepatoblastoma | 100.00% | 0.00% | 100.00% | 0.00% | 100.00% | 0.00% |
| Liver cancer due to other causes (internal) | 5.88% | 5.88% | 21.43% | 21.43% | 22.69% | 22.69% |
| Gallbladder and biliary tract cancer | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Pancreatic cancer | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Larynx cancer | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Tracheal, bronchus, and lung cancer | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Malignant skin melanoma | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Non-melanoma skin cancer (squamous-cell carcinoma) | 31.51% | 31.51% | 26.05% | 26.05% | 33.61% | 33.61% |
| Non-melanoma skin cancer (basal-cell carcinoma) | 29.41% | 29.41% | 23.53% | 23.53% | 31.51% | 31.51% |
| Soft tissue and other extraosseous sarcomas | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Malignant neoplasm of bone and articular cartilage | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Breast cancer | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Cervical cancer | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Uterine cancer | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Ovarian cancer | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Prostate cancer | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Testicular cancer | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Kidney cancer | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |

Supplementary Table 12. Data coverage index for all locations for 286 non-fatal causes, 1990–2005, 2005–2019 and in total by all ages and for the 70+ age group

| | 1990-2005 | | 2005-2019 | | 1990-2019 | |
|--|-----------|---------|-----------|---------|-----------|---------|
| | All ages | 70+ | All ages | 70+ | All ages | 70+ |
| Bladder cancer | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Brain and central nervous system cancer | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Retinoblastoma | 100.00% | 0.00% | 100.00% | 0.00% | 100.00% | 0.00% |
| Other eye cancers | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Neuroblastoma and other peripheral nervous cell tumors | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Thyroid cancer | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Mesothelioma | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Hodgkin lymphoma | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Burkitt lymphoma | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Other non-Hodgkin lymphoma | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Multiple myeloma | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Acute lymphoid leukemia | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Chronic lymphoid leukemia | 2.94% | 2.94% | 100.00% | 100.00% | 100.00% | 100.00% |
| Acute myeloid leukemia | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Chronic myeloid leukemia | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Other leukemia | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Other malignant neoplasms (internal) | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Myelodysplastic, myeloproliferative, and other hematopoietic neoplasms | 8.82% | 8.82% | 13.87% | 13.87% | 14.29% | 14.29% |
| Benign and in situ intestinal neoplasms | 9.24% | 9.24% | 14.71% | 14.71% | 15.13% | 15.13% |
| Benign and in situ cervical and uterine neoplasms | 8.82% | 8.82% | 13.87% | 13.87% | 14.29% | 14.29% |
| Other benign and in situ neoplasms | 9.24% | 9.24% | 14.71% | 14.71% | 15.13% | 15.13% |
| Rheumatic heart disease | 13.45% | 7.14% | 15.13% | 10.08% | 20.17% | 10.92% |
| Ischemic heart disease | 97.48% | 97.48% | 97.48% | 97.48% | 97.48% | 97.48% |
| Ischemic stroke | 22.27% | 21.85% | 23.53% | 22.69% | 28.99% | 28.15% |
| Intracerebral hemorrhage | 21.85% | 21.43% | 23.11% | 22.69% | 28.99% | 28.15% |
| Subarachnoid hemorrhage | 17.65% | 17.23% | 18.91% | 18.49% | 23.95% | 23.11% |
| Hypertensive heart disease | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Non-rheumatic calcific aortic valve disease | 8.40% | 8.40% | 11.76% | 11.76% | 12.18% | 12.18% |
| Non-rheumatic degenerative mitral valve disease | 6.72% | 6.72% | 10.50% | 10.50% | 10.50% | 10.50% |
| Other non-rheumatic valve diseases | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Myocarditis | 7.56% | 7.56% | 12.61% | 12.61% | 12.61% | 12.61% |
| Alcoholic cardiomyopathy | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Other cardiomyopathy | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Pulmonary Arterial Hypertension | 7.98% | 7.14% | 9.66% | 9.24% | 10.08% | 9.66% |
| Atrial fibrillation and flutter | 13.03% | 13.03% | 15.97% | 15.97% | 18.49% | 18.49% |
| Peripheral artery disease | 3.78% | 3.78% | 2.94% | 2.94% | 5.88% | 5.88% |
| Endocarditis | 9.24% | 9.24% | 13.87% | 13.87% | 13.87% | 13.87% |
| Other cardiovascular and circulatory diseases (internal) | 0.42% | 0.42% | 0.42% | 0.42% | 0.42% | 0.42% |
| Chronic obstructive pulmonary disease | 12.18% | 10.08% | 17.65% | 16.39% | 21.85% | 20.17% |
| Silicosis | 7.98% | 7.98% | 13.03% | 13.03% | 13.03% | 13.03% |
| Asbestosis | 8.40% | 8.40% | 12.18% | 12.18% | 12.18% | 12.18% |
| Coal workers pneumoconiosis | 7.98% | 7.98% | 10.92% | 10.92% | 11.34% | 11.34% |
| Other pneumoconiosis | 8.40% | 8.40% | 13.03% | 13.03% | 13.45% | 13.45% |
| Asthma | 54.20% | 30.25% | 23.95% | 16.39% | 58.40% | 36.97% |
| Interstitial lung disease and pulmonary sarcoidosis | 13.87% | 13.03% | 15.97% | 15.97% | 18.91% | 18.07% |
| Other chronic respiratory diseases | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Cirrhosis and other chronic liver diseases due to hepatitis B | 9.24% | 9.24% | 4.62% | 4.62% | 10.08% | 10.08% |
| Cirrhosis and other chronic liver diseases due to hepatitis C | 10.50% | 10.08% | 4.62% | 4.62% | 11.34% | 10.92% |
| Cirrhosis and other chronic liver diseases due to alcohol use | 5.88% | 5.88% | 5.04% | 5.04% | 7.14% | 7.14% |
| Cirrhosis and other chronic liver diseases due to NAFLD | 5.04% | 5.04% | 7.14% | 5.88% | 8.82% | 7.56% |
| Cirrhosis and other chronic liver diseases due to other causes | 4.20% | 3.78% | 4.20% | 3.78% | 5.04% | 4.62% |

Supplementary Table 12. Data coverage index for all locations for 286 non-fatal causes, 1990–2005, 2005–2019 and in total by all ages and for the 70+ age group

| | 1990-2005 | | 2005-2019 | | 1990-2019 | |
|--|-----------|---------|-----------|---------|-----------|---------|
| | All ages | 70+ | All ages | 70+ | All ages | 70+ |
| Peptic ulcer disease | 10.92% | 9.66% | 16.81% | 15.97% | 18.07% | 16.39% |
| Gastritis and duodenitis | 9.66% | 9.66% | 15.13% | 15.13% | 15.55% | 15.55% |
| Gastroesophageal reflux disease | 15.13% | 14.71% | 15.97% | 14.71% | 18.49% | 17.23% |
| Appendicitis | 9.24% | 9.24% | 15.13% | 15.13% | 15.55% | 15.55% |
| Paralytic ileus and intestinal obstruction | 9.24% | 9.24% | 15.13% | 15.13% | 15.55% | 15.55% |
| Inguinal, femoral, and abdominal hernia | 9.24% | 9.24% | 15.13% | 15.13% | 15.55% | 15.55% |
| Inflammatory bowel disease | 29.41% | 28.57% | 27.73% | 24.79% | 35.29% | 34.03% |
| Vascular intestinal disorders | 9.24% | 9.24% | 14.29% | 14.29% | 14.71% | 14.71% |
| Gallbladder and biliary diseases | 12.61% | 12.61% | 15.13% | 15.13% | 18.49% | 18.49% |
| Pancreatitis | 12.61% | 12.61% | 20.17% | 20.17% | 21.01% | 21.01% |
| Other digestive diseases | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Alzheimer's disease and other dementias | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Parkinson's disease | 11.76% | 9.66% | 100.00% | 7.14% | 100.00% | 13.03% |
| Idiopathic epilepsy | 100.00% | 100.00% | 24.79% | 22.27% | 100.00% | 100.00% |
| Multiple sclerosis | 14.29% | 11.34% | 14.29% | 10.92% | 18.91% | 15.55% |
| Motor neuron disease | 5.04% | 4.62% | 2.94% | 2.94% | 5.46% | 5.04% |
| Migraine | 25.21% | 23.11% | 14.29% | 11.76% | 34.03% | 30.67% |
| Tension-type headache | 19.33% | 18.49% | 9.24% | 4.20% | 26.47% | 21.85% |
| Other neurological disorders | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Schizophrenia | 10.92% | 6.72% | 7.56% | 4.62% | 12.61% | 7.98% |
| Major depressive disorder | 100.00% | 100.00% | 27.73% | 22.27% | 100.00% | 100.00% |
| Dysthymia | 8.40% | 5.04% | 8.40% | 5.88% | 12.61% | 8.82% |
| Bipolar disorder | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Anxiety disorders | 17.65% | 13.45% | 17.23% | 12.18% | 23.53% | 18.91% |
| Anorexia nervosa | 9.24% | 1.26% | 7.98% | 1.68% | 12.18% | 2.52% |
| Bulimia nervosa | 9.66% | 3.78% | 7.98% | 2.52% | 13.45% | 5.46% |
| Autism spectrum disorders | 14.71% | 0.42% | 10.08% | 0.42% | 19.33% | 0.42% |
| Attention-deficit/hyperactivity disorder | 100.00% | 0.42% | 12.18% | 1.26% | 100.00% | 1.26% |
| Conduct disorder | 100.00% | 0.42% | 5.04% | 0.42% | 100.00% | 0.42% |
| Idiopathic developmental intellectual disability | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Other mental disorders | 0.84% | 0.84% | 0.42% | 0.42% | 0.84% | 0.84% |
| Alcohol use disorders | 18.07% | 7.98% | 17.65% | 8.82% | 22.69% | 13.03% |
| Opioid use disorders | 10.50% | 1.68% | 100.00% | 100.00% | 100.00% | 100.00% |
| Cocaine use disorders | 21.43% | 6.30% | 23.53% | 2.10% | 28.15% | 7.56% |
| Amphetamine use disorders | 16.81% | 2.52% | 20.17% | 1.68% | 23.95% | 3.36% |
| Cannabis use disorders | 32.35% | 9.24% | 45.38% | 5.04% | 50.00% | 10.92% |
| Other drug use disorders | 0.84% | 0.84% | 0.84% | 0.84% | 0.84% | 0.84% |
| Diabetes mellitus type 1 | 27.73% | 2.10% | 13.45% | 2.94% | 28.99% | 3.36% |
| Diabetes mellitus type 2 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Chronic kidney disease due to diabetes mellitus type 1 | 5.46% | 5.46% | 10.08% | 10.08% | 10.92% | 10.92% |
| Chronic kidney disease due to diabetes mellitus type 2 | 5.46% | 5.46% | 10.08% | 10.08% | 10.92% | 10.92% |
| Chronic kidney disease due to hypertension | 14.29% | 13.87% | 20.59% | 20.59% | 22.27% | 22.27% |
| Chronic kidney disease due to glomerulonephritis | 14.29% | 13.87% | 20.59% | 20.59% | 22.27% | 22.27% |
| Chronic kidney disease due to other and unspecified causes | 14.29% | 13.87% | 20.59% | 20.59% | 22.27% | 22.27% |
| Acute glomerulonephritis | 7.56% | 7.56% | 12.61% | 12.61% | 13.03% | 13.03% |
| Atopic dermatitis | 50.84% | 2.52% | 24.37% | 4.20% | 53.78% | 5.46% |
| Contact dermatitis | 2.94% | 1.68% | 4.20% | 2.10% | 5.46% | 2.94% |
| Seborrhoeic dermatitis | 3.78% | 1.68% | 6.30% | 2.94% | 8.40% | 4.20% |
| Psoriasis | 26.47% | 13.03% | 8.82% | 6.72% | 29.41% | 15.97% |
| Cellulitis | 9.24% | 9.24% | 14.71% | 14.71% | 15.13% | 15.13% |
| Pyoderma | 10.50% | 8.82% | 15.97% | 13.87% | 17.23% | 14.71% |

Supplementary Table 12. Data coverage index for all locations for 286 non-fatal causes, 1990–2005, 2005–2019 and in total by all ages and for the 70+ age group

| | 1990-2005 | | 2005-2019 | | 1990-2019 | |
|---|-----------|---------|-----------|--------|-----------|---------|
| | All ages | 70+ | All ages | 70+ | All ages | 70+ |
| Scabies | 8.40% | 5.46% | 9.24% | 5.46% | 12.18% | 8.40% |
| Fungal skin diseases | 6.72% | 2.52% | 7.56% | 2.52% | 10.08% | 3.78% |
| Viral skin diseases | 7.14% | 2.52% | 7.14% | 3.78% | 10.08% | 5.88% |
| Acne vulgaris | 5.88% | 2.94% | 9.24% | 2.94% | 11.76% | 5.46% |
| Alopecia areata | 2.10% | 1.26% | 5.04% | 2.10% | 5.46% | 2.94% |
| Pruritus | 2.52% | 1.26% | 3.36% | 3.36% | 5.04% | 3.78% |
| Urticaria | 5.46% | 3.78% | 5.04% | 2.94% | 8.40% | 6.30% |
| Decubitus ulcer | 9.24% | 9.24% | 14.29% | 14.29% | 14.71% | 14.71% |
| Other skin and subcutaneous diseases | 0.42% | 0.00% | 0.84% | 0.42% | 0.84% | 0.42% |
| Glaucoma | 12.18% | 12.18% | 28.15% | 28.15% | 32.35% | 32.35% |
| Cataract | 15.55% | 15.13% | 29.83% | 29.83% | 34.87% | 34.87% |
| Age-related macular degeneration | 10.50% | 10.50% | 27.73% | 27.73% | 31.09% | 31.09% |
| Refraction disorders | 26.47% | 12.61% | 27.73% | 27.73% | 40.76% | 31.09% |
| Near vision loss | 1.26% | 1.26% | 5.04% | 4.62% | 5.88% | 5.46% |
| Other vision loss | 8.40% | 8.40% | 22.69% | 22.69% | 26.05% | 26.05% |
| Age-related and other hearing loss | 10.08% | 1.26% | 2.94% | 0.42% | 11.34% | 1.26% |
| Other sense organ diseases | 0.42% | 0.00% | 0.84% | 0.42% | 0.84% | 0.42% |
| Rheumatoid arthritis | 9.66% | 9.24% | 9.24% | 9.24% | 14.29% | 13.87% |
| Osteoarthritis hip | 3.78% | 3.78% | 3.78% | 3.78% | 6.30% | 6.30% |
| Osteoarthritis knee | 2.94% | 2.94% | 5.88% | 5.46% | 7.56% | 7.14% |
| Osteoarthritis hand | 6.30% | 2.94% | 16.39% | 5.04% | 18.49% | 6.72% |
| Osteoarthritis other | 0.42% | 0.00% | 0.42% | 0.00% | 0.42% | 0.00% |
| Low back pain | 36.55% | 32.35% | 28.57% | 22.69% | 43.70% | 40.34% |
| Neck pain | 18.91% | 18.91% | 19.33% | 19.33% | 19.75% | 19.75% |
| Gout | 6.30% | 6.30% | 5.46% | 5.46% | 9.66% | 9.66% |
| Other musculoskeletal disorders | 4.62% | 4.62% | 4.20% | 4.20% | 6.72% | 6.72% |
| Neural tube defects | 100.00% | 100.00% | 100.00% | 18.49% | 100.00% | 100.00% |
| Congenital heart anomalies | 100.00% | 100.00% | 100.00% | 15.55% | 100.00% | 100.00% |
| Orofacial clefts | 25.21% | 9.24% | 31.93% | 14.29% | 35.29% | 14.71% |
| Down syndrome | 100.00% | 100.00% | 26.05% | 3.78% | 100.00% | 100.00% |
| Turner syndrome | 100.00% | 100.00% | 14.71% | 10.92% | 100.00% | 100.00% |
| Klinefelter syndrome | 100.00% | 100.00% | 14.29% | 10.92% | 100.00% | 100.00% |
| Other chromosomal abnormalities | 100.00% | 100.00% | 24.37% | 16.81% | 100.00% | 100.00% |
| Congenital musculoskeletal and limb anomalies | 25.63% | 8.82% | 31.51% | 14.29% | 35.29% | 14.71% |
| Urogenital congenital anomalies | 100.00% | 8.40% | 33.19% | 13.45% | 100.00% | 13.87% |
| Digestive congenital anomalies | 27.73% | 9.24% | 28.57% | 13.87% | 32.35% | 14.29% |
| Other congenital birth defects | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Urinary tract infections | 9.24% | 9.24% | 14.71% | 14.71% | 15.13% | 15.13% |
| Urolithiasis | 9.24% | 9.24% | 15.13% | 15.13% | 15.55% | 15.55% |
| Benign prostatic hyperplasia | 9.24% | 9.24% | 15.13% | 15.13% | 15.55% | 15.55% |
| Male infertility | 36.97% | 0.00% | 26.47% | 0.00% | 42.02% | 0.00% |
| Other urinary diseases | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Uterine fibroids | 10.08% | 9.24% | 17.23% | 14.29% | 18.07% | 14.71% |
| Polycystic ovarian syndrome | 5.04% | 0.00% | 16.81% | 0.00% | 17.23% | 0.00% |
| Female infertility | 36.97% | 0.00% | 26.47% | 0.00% | 42.02% | 0.00% |
| Endometriosis | 10.50% | 0.00% | 15.55% | 0.00% | 16.39% | 0.00% |
| Genital prolapse | 11.34% | 10.50% | 16.39% | 15.97% | 17.65% | 16.39% |
| Premenstrual syndrome | 5.04% | 0.00% | 5.04% | 0.00% | 7.98% | 0.00% |
| Other gynecological diseases | 9.24% | 9.24% | 15.13% | 15.13% | 15.55% | 15.55% |
| Thalassemias | 34.45% | 2.52% | 34.87% | 5.46% | 35.29% | 5.46% |
| Thalassemias trait | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |

Supplementary Table 12: Data coverage index for all locations for 286 non-fatal causes, 1990–2005, 2005–2019 and in total by all ages and for the 70+ age group

| | 1990-2005 | | 2005-2019 | | 1990-2019 | |
|---|-----------|--------|-----------|--------|-----------|--------|
| | All ages | 70+ | All ages | 70+ | All ages | 70+ |
| Sickle cell disorders | 40.34% | 9.66% | 44.96% | 15.13% | 45.38% | 16.39% |
| Sickle cell trait | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| G6PD deficiency | 100.00% | 13.87% | 100.00% | 9.24% | 100.00% | 17.23% |
| G6PD trait | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Other hemoglobinopathies and hemolytic anemias | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Endocrine, metabolic, blood, and immune disorders | 9.24% | 9.24% | 15.13% | 15.13% | 15.55% | 15.55% |
| Caries of deciduous teeth | 23.11% | 0.00% | 23.95% | 0.00% | 32.77% | 0.00% |
| Caries of permanent teeth | 24.79% | 5.04% | 25.63% | 5.88% | 34.45% | 8.82% |
| Periodontal diseases | 14.29% | 7.56% | 6.72% | 5.04% | 16.81% | 10.92% |
| Edentulism and severe tooth loss | 33.19% | 32.35% | 23.53% | 22.69% | 37.82% | 37.39% |
| Other oral disorders | 0.42% | 0.00% | 0.42% | 0.00% | 0.42% | 0.00% |
| Pedestrian road injuries | 3.78% | 3.36% | 7.14% | 5.88% | 7.14% | 6.30% |
| Cyclist road injuries | 3.78% | 3.36% | 6.72% | 5.88% | 7.14% | 6.30% |
| Motorcyclist road injuries | 3.36% | 3.36% | 6.72% | 5.88% | 7.14% | 6.30% |
| Motor vehicle road injuries | 3.78% | 3.36% | 6.72% | 5.88% | 7.14% | 6.30% |
| Other road injuries | 3.36% | 3.36% | 5.04% | 5.04% | 5.46% | 5.46% |
| Other transport injuries | 3.78% | 3.78% | 5.88% | 5.88% | 6.30% | 6.30% |
| Falls | 9.24% | 7.98% | 11.34% | 10.08% | 14.29% | 12.61% |
| Drowning | 9.24% | 8.40% | 13.87% | 13.45% | 14.71% | 14.29% |
| Fire, heat, and hot substances | 7.14% | 6.30% | 10.50% | 9.24% | 12.61% | 11.34% |
| Poisoning by carbon monoxide | 3.36% | 3.36% | 5.46% | 5.46% | 5.88% | 5.88% |
| Poisoning by other means | 3.78% | 3.78% | 5.88% | 5.88% | 6.30% | 6.30% |
| Unintentional firearm injuries | 3.78% | 3.78% | 5.46% | 5.46% | 5.88% | 5.88% |
| Other exposure to mechanical forces | 3.78% | 3.78% | 6.30% | 6.30% | 6.72% | 6.72% |
| Adverse effects of medical treatment | 8.82% | 8.82% | 14.29% | 14.29% | 14.71% | 14.71% |
| Venomous animal contact | 3.78% | 3.78% | 6.30% | 6.30% | 6.72% | 6.72% |
| Non-venomous animal contact | 3.78% | 3.78% | 5.88% | 5.88% | 6.30% | 6.30% |
| Pulmonary aspiration and foreign body in airway | 4.20% | 4.20% | 6.30% | 6.30% | 6.72% | 6.72% |
| Foreign body in eyes | 4.20% | 4.20% | 6.30% | 6.30% | 6.30% | 6.30% |
| Foreign body in other body part | 4.62% | 4.62% | 7.14% | 7.14% | 7.56% | 7.56% |
| Environmental heat and cold exposure | 4.20% | 3.78% | 5.88% | 5.88% | 6.72% | 6.30% |
| Exposure to forces of nature | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Other unintentional injuries | 3.78% | 3.78% | 5.88% | 5.88% | 6.72% | 6.72% |
| Self-harm by firearm | 6.30% | 6.30% | 9.66% | 9.24% | 9.66% | 9.24% |
| Self-harm by other specified means | 3.36% | 3.36% | 5.88% | 5.46% | 6.30% | 5.88% |
| Physical violence by firearm | 7.98% | 7.98% | 10.50% | 10.50% | 11.76% | 11.76% |
| Physical violence by sharp object | 4.20% | 4.20% | 8.82% | 8.82% | 9.24% | 9.24% |
| Sexual violence | 9.24% | 0.42% | 26.05% | 1.68% | 28.57% | 1.68% |
| Physical violence by other means | 3.78% | 3.78% | 6.30% | 6.30% | 6.72% | 6.72% |
| Conflict and terrorism | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Executions and police conflict | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |