

Global Burden of Disease Study 2017 (GBD 2017) Data Resources

These data are not from the current GBD round. Please see this page for GBD 2019 data. Please contact data@healthdata.org with any questions.

Below are links to data visualizations, data, publications, country profiles, and other resources from the 2017 update to the **Global Burden of Disease Study**.

See this page for GBD 2016 data resources.

GBD Compare (2017 version)

Use this **visualization** to interact with the GBD estimates, comparing causes, injuries, risks across time, age, and place.

GBD Results Tool (2017 version)

This **query tool** allows download of full GBD results data in CSV format.

What's included:

- All GBD causes, risks, etiologies, impairments, injuries by nature, and sequela aggregates
- Measures: deaths, years of life lost (YLLs), years lived with disability (YLDs), disability-adjusted life years (DALYs), prevalence, incidence, life expectancy, probability of death, healthy life expectancy (HALE), maternal mortality ratio (MMR), and summary exposure value (SEV)
- Metrics (units): number, rate, percent, years, probability of death
- Years: 1990-2017; annual results for all measures
- All GBD age groups
- Sexes: males, females, both sexes
- Locations: GBD super regions, regions, countries, select subnational units, and custom regions (WHO regions, World Bank Income Levels, and more)

Data Input Sources Tool

The **Data Input Sources Tool** allows users to explore GBD 2017 input data sources and retrieve relevant metadata.

GBD 2017 Online Tools Overview

This **guide to GBD's suite of web-based tools** provides an overview of what data users can expect to view and download from each tool. It also includes definitions for the measures and other dimensions of the data, value lists for each dimension, and more.

Results data available upon request


- Risk factor exposure
- By sequelae: YLDs, prevalence, incidence
















Code

Access the **code** used to generate the GBD results.















Datasets

Terms and Conditions of Data Use:

 Data made available for download on the GHDX can be used, shared, modified, or built upon by **non-commercial users** via the Open Data Commons Attribution License. For more information (and inquiries about commercial use), visit IHME Terms and Conditions.

Record	Related Publications and Visualizations	Data and Documentation	
Global Burden of Disease Study 2017 (GBD 2017) Population and Fertility 1950-2017	<ul style="list-style-type: none">• Population and fertility by age and sex for 195 countries and territories, 1950-2017: a systematic analysis for the Global Burden of Disease 2017• News release: Baby 'Boom' and 'Bust': Nations' Rates of Childbirth Vary Significantly• Infographic: GBD 2017 Study Highlights: Population and Fertility	File	Size
		 Article Web Tables [XLSX]	11.87 MB
Global Burden of Disease Study 2017 (GBD 2017) All-cause Mortality and Life Expectancy 1950-2017	<ul style="list-style-type: none">• Global, regional, and national age-sex-specific mortality and life expectancy, 1950-2017: a systematic analysis for the Global Burden of Disease Study 2017• News release: Baby 'Boom' and 'Bust': Nations' Rates of Childbirth Vary Significantly• Mortality Visualization• GBD Compare• Infographic: GBD 2017 Study Highlights: Life Expectancy and Mortality	 Table Index	11.04 KB
		 Data Release Information Sheet	627.56 KB
		File	Size
		 Select Article Tables [XLSX]	2.25 MB
Global Burden of Disease Study 2017 (GBD 2017) Cause-Specific Mortality 1980-2017	<ul style="list-style-type: none">• Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980-2017: a systematic analysis for the Global Burden of Disease Study 2017• News release: Baby 'Boom' and 'Bust': Nations' Rates of Childbirth Vary Significantly• Causes of Death Visualization• GBD Compare• Infographic: GBD 2017 Study Highlights: Causes of Death	 Table Index	10.66 KB
		 Data Release Information Sheet	626.7 KB
		File	Size
		 Select Article Tables [XLSX]	1.02 MB
Global Burden of Disease Study 2017 (GBD 2017) Incidence, Prevalence, and Years Lived with Disability 1990-2017	<ul style="list-style-type: none">• Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017• News release: Baby 'Boom' and 'Bust': Nations' Rates of Childbirth Vary Significantly• Epi Visualization• GBD Compare• Infographic: GBD 2017 Study Highlights: Years Lived with Disability	 Table Index	11.16 KB
		 Data Release Information Sheet	625.49 KB
		File	Size
		 Select Article Tables [XLSX]	258.63 KB
Global Burden of Disease Study 2017 (GBD 2017) Disability-Adjusted Life Years and Healthy Life Expectancy 1990-2017	<ul style="list-style-type: none">• Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017• News release: Baby 'Boom' and 'Bust': Nations' Rates of Childbirth Vary Significantly• GBD Compare• Infographic: GBD 2017 Study Highlights: Disability-Adjusted Life Years and Healthy Life Expectancy	 Table Index	10.48 KB
		 Data Release Information Sheet	626.25 KB
		File	Size
		 Select Article Tables [XLSX]	10.94 MB
		 Table Index	10.44 KB
		 Data Release Information Sheet	623.6 KB

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Global Burden of Disease Study 2017 (GBD 2017) Burden by Risk 1990-2017	<ul style="list-style-type: none">Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017News release: Baby 'Boom' and 'Bust': Nations' Rates of Childbirth Vary SignificantlyGBD CompareInfographic: GBD 2017 Study Highlights: Risk Factors	<table><tr><th>File</th><th>Size</th></tr><tr><td> Select Article Tables [XLSX]</td><td>632.32 KB</td></tr><tr><td> Relative Risk Tables [CSV]</td><td>55.42 KB</td></tr><tr><td> Table Index</td><td>11.38 KB</td></tr><tr><td> Data Release Information Sheet</td><td>626.01 KB</td></tr></table>	File	Size	Select Article Tables [XLSX]	632.32 KB	Relative Risk Tables [CSV]	55.42 KB	Table Index	11.38 KB	Data Release Information Sheet	626.01 KB																								
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Global Burden of Disease Study 2017 (GBD 2017) Health-related Sustainable Development Goals (SDG) Indicators 1990-2030	<ul style="list-style-type: none">Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017News release: Baby 'Boom' and 'Bust': Nations' Rates of Childbirth Vary SignificantlyHealth-related SDGs VisualizationInfographic: GBD 2017 Study Highlights: Sustainable Development Goals (SDGs)	<table><tr><th>File</th><th>Size</th></tr><tr><td> Index Values (Unscaled Values) and Codebook [CSV]</td><td>4.81 MB</td></tr><tr><td> Index Values (Scaled Values) and Codebook [CSV]</td><td>3.57 MB</td></tr><tr><td> Article Table 2: Predicting global attainment of health-related SDG indicators [XLSX]</td><td>25.36 KB</td></tr><tr><td> Health-related SDGs Overview</td><td>639.83 KB</td></tr><tr><td> Indicator Outline</td><td>17.26 KB</td></tr><tr><td> Data Release Information Sheet</td><td>686.55 KB</td></tr></table>	File	Size	Index Values (Unscaled Values) and Codebook [CSV]	4.81 MB	Index Values (Scaled Values) and Codebook [CSV]	3.57 MB	Article Table 2: Predicting global attainment of health-related SDG indicators [XLSX]	25.36 KB	Health-related SDGs Overview	639.83 KB	Indicator Outline	17.26 KB	Data Release Information Sheet	686.55 KB																				
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Global Burden of Disease Study 2017 (GBD 2017) Population Estimates 1950-2017	<ul style="list-style-type: none">Population and fertility by age and sex for 195 countries and territories, 1950-2017: a systematic analysis for the Global Burden of Disease 2017News release: Baby 'Boom' and 'Bust': Nations' Rates of Childbirth Vary SignificantlyInfographic: GBD 2017 Study Highlights: Population and Fertility	<table><tr><th>File</th><th>Size</th></tr><tr><td> Population estimates: 1950-1954 [CSV]</td><td>28 MB</td></tr><tr><td> Population estimates: 1955-1959 [CSV]</td><td>28.03 MB</td></tr><tr><td> Population estimates: 1960-1964 [CSV]</td><td>28.04 MB</td></tr><tr><td> Population estimates: 1965-1969 [CSV]</td><td>28.04 MB</td></tr><tr><td> Population estimates: 1970-1974 [CSV]</td><td>28.04 MB</td></tr><tr><td> Population estimates: 1975-1979 [CSV]</td><td>28.03 MB</td></tr><tr><td> Population estimates: 1980-1984 [CSV]</td><td>28.02 MB</td></tr><tr><td> Population estimates: 1985-1989 [CSV]</td><td>28.02 MB</td></tr><tr><td> Population estimates: 1990-1994 [CSV]</td><td>28 MB</td></tr><tr><td> Population estimates: 1995-1999 [CSV]</td><td>27.99 MB</td></tr><tr><td> Population estimates: 2000-2004 [CSV]</td><td>27.97 MB</td></tr><tr><td> Population estimates: 2005-2009 [CSV]</td><td>27.95 MB</td></tr><tr><td> Population estimates: 2010-2014 [CSV]</td><td>27.94 MB</td></tr><tr><td> Population estimates: 2015-2017 [CSV]</td><td>17 MB</td></tr><tr><td> Codebook</td><td>15.1 KB</td></tr><tr><td> Data Release Information Sheet</td><td>729.05 KB</td></tr></table>	File	Size	Population estimates: 1950-1954 [CSV]	28 MB	Population estimates: 1955-1959 [CSV]	28.03 MB	Population estimates: 1960-1964 [CSV]	28.04 MB	Population estimates: 1965-1969 [CSV]	28.04 MB	Population estimates: 1970-1974 [CSV]	28.04 MB	Population estimates: 1975-1979 [CSV]	28.03 MB	Population estimates: 1980-1984 [CSV]	28.02 MB	Population estimates: 1985-1989 [CSV]	28.02 MB	Population estimates: 1990-1994 [CSV]	28 MB	Population estimates: 1995-1999 [CSV]	27.99 MB	Population estimates: 2000-2004 [CSV]	27.97 MB	Population estimates: 2005-2009 [CSV]	27.95 MB	Population estimates: 2010-2014 [CSV]	27.94 MB	Population estimates: 2015-2017 [CSV]	17 MB	Codebook	15.1 KB	Data Release Information Sheet	729.05 KB
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Global Burden of Disease Study 2017 (GBD 2017) Fertility Estimates 1950-2017	<ul style="list-style-type: none">Population and fertility by age and sex for 195 countries and territories, 1950-2017: a systematic analysis for the Global Burden of Disease 2017News release: Baby 'Boom' and 'Bust': Nations' Rates of Childbirth Vary SignificantlyInfographic: GBD 2017 Study Highlights: Population and Fertility	<table><tr><th>File</th><th>Size</th></tr><tr><td> Annual age-specific fertility rate (ASFR) estimates, 1950-2017 [CSV]</td><td>6.83 MB</td></tr><tr><td> Codebook</td><td>13.92 KB</td></tr><tr><td> Data Release Information Sheet</td><td>721.95 KB</td></tr></table>	File	Size	Annual age-specific fertility rate (ASFR) estimates, 1950-2017 [CSV]	6.83 MB	Codebook	13.92 KB	Data Release Information Sheet	721.95 KB																										
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Global Burden of Disease Study 2017 (GBD 2017) Socio-Demographic Index (SDI) 1950-2017	<ul style="list-style-type: none">Population and fertility by age and sex for 195 countries and territories, 1950-2017: a systematic analysis for the Global Burden of Disease 2017Global, regional, and national age-sex-specific mortality and life expectancy, 1950-2017: a systematic analysis for the Global Burden of Disease Study 2017Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980-2017: a systematic analysis for the Global Burden of Disease Study 2017Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017	<table><tr><th>File</th><th>Size</th></tr><tr><td> SDI index values by location, 1950-2017, and 2017 groupings</td><td>216.13 KB</td></tr><tr><td> Data Release Information Sheet</td><td>619.71 KB</td></tr></table>	File	Size	SDI index values by location, 1950-2017, and 2017 groupings	216.13 KB	Data Release Information Sheet	619.71 KB																												
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Global Burden of Disease Study 2017 (GBD 2017) Life Tables 1950-2017	<ul style="list-style-type: none">Global, regional, and national age-sex-specific mortality and life expectancy, 1950–2017: a systematic analysis for the Global Burden of Disease Study 2017News release: Baby 'Boom' and 'Bust': Nations' Rates of Childbirth Vary SignificantlyMortality Visualization	<div> Codebook: Full Life Tables</div> <div> Codebook: Abridged Life Tables</div> <div> Data Release Information Sheet</div>	<div>15.02 KB</div> <div>14.81 KB</div> <div>723.54 KB</div>
Global Burden of Disease Study 2017 (GBD 2017) Reference Life Table	<ul style="list-style-type: none">Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980–2017: a systematic analysis for the Global Burden of Disease Study 2017News release: Baby 'Boom' and 'Bust': Nations' Rates of Childbirth Vary SignificantlyCauses of Death VisualizationGBD Compare	<div> Reference Life Table</div> <div> Data Release Information Sheet</div>	<div>8.95 KB</div> <div>679.2 KB</div>
Global Burden of Disease Study 2017 (GBD 2017) Causes of Death and Nonfatal Causes Mapped to ICD Codes		<div> ICD 9 and 10 codes mapped to the GBD causes of death and nonfatal causes</div> <div> Data Release Information Sheet</div>	<div>62.33 KB</div> <div>614.52 KB</div>
Global Burden of Disease Study 2017 (GBD 2017) Cause, REI, and Location Hierarchies		<div> Cause, REI, and Locations Hierarchies [XLSX]</div> <div> Data Release Information Sheet</div>	<div>119.2 KB</div> <div>531.84 KB</div>
Global Burden of Disease Study 2017 (GBD 2017) Disability Weights	<ul style="list-style-type: none">Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017	<div> GBD 2017 Disability Weights</div> <div> Data Release Information Sheet</div>	<div>82.05 KB</div> <div>613.83 KB</div>
Global Burden of Disease Study 2017 (GBD 2017) Covariates 1980-2017	<ul style="list-style-type: none">Population and fertility by age and sex for 195 countries and territories, 1950–2017: a systematic analysis for the Global Burden of Disease Study 2017Global, regional, and national age-sex-specific mortality and life expectancy, 1950–2017: a systematic analysis for the Global Burden of Disease Study 2017Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980–2017: a systematic analysis for the Global Burden of Disease Study 2017Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017	<div> Codebook</div> <div> Covariate Descriptions</div> <div> Data Release Information Sheet</div>	<div>18.07 KB</div> <div>34.01 KB</div> <div>705.83 KB</div>