



Institute for Health Metrics and Evaluation

Data Release Information Sheet

Data Summary

Dataset name: Global Burden of Disease Study 2019 (GBD 2019) Life Tables 1950-2019

Date of release: October 15, 2020

Date of update: November 13, 2020

Summary:

The Global Burden of Disease Study 2019 (GBD 2019), coordinated by the Institute for Health Metrics and Evaluation (IHME), estimated the burden of diseases, injuries, and risk factors for 204 countries and territories and selected subnational locations.

This dataset contains life tables with estimates for life expectancy and probability of death by location, single calendar year, age group, and sex for 1950-2019. The life tables contain both estimates produced including deaths from natural disasters, wars, etc., as well as estimates produced without these types of deaths. Locations covered include both GBD locations and special regions such as World Bank Income Levels. Data used to produce these tables came from vital registration (VR) systems, sample registration systems, household surveys, censuses, disease surveillance, and demographic surveillance systems (DSS).

For additional GBD results and resources, visit the [GBD 2019 Data Resources page](#).

Acknowledgements

Contributing organizations:

- Global Burden of Disease Collaborative Network

Funders:

- Bill and Melinda Gates Foundation (BMGF)

Suggested Citation:

Global Burden of Disease Collaborative Network. Global Burden of Disease Study 2019 (GBD 2019) Life Tables 1950-2019. Seattle, United States of America: Institute for Health Metrics and Evaluation (IHME), 2020.

Data Files Information

Data Update

The 5q0 and 45a15 With Shocks files were updated on November 13, 2020 with new results for the locations Ukraine, Eastern Europe, and Mexico.

Shocks

Files with the tag "wshock" contain estimates produced including deaths from natural disasters, wars, etc. Files with the tag "noshock" contain estimates produced without these types of deaths.

File IDs

IDs in the filenames (e.g., IHME_GBD_2019_LIFE_TABLES_1950_2019_ID_18_WSHOCK_Y2020M07D31.CSV) correspond to the following age groups:

ID	Age Group
5	1 to 4
6	5 to 9
7	10 to 14
8	15 to 19
9	20 to 24
10	25 to 29
11	30 to 34
12	35 to 39
13	40 to 44
14	45 to 49
15	50 to 54
16	55 to 59
17	60 to 64
18	65 to 69
19	70 to 74
20	75 to 79
28	<1 year
30	80 to 84
31	85 to 89
32	90 to 94
33	95 to 99
44	100 to 104
45	105 to 109
148	110 plus

Variable Information

Variable	Variable Label	Variable Definition
location_ID	Location ID	Unique numeric identifier for the location generated and stored in an IHME database of data dimensions.
location_name	Location Name	Location of the estimate.
sex_ID	Sex ID	Unique numeric identifier for the sex generated and stored in an IHME database of data dimensions.
sex_name	Sex	Gender for the estimate.
age_group_ID	Age Group ID	Unique numeric identifier for the age group generated and stored in an IHME database of data dimensions.
age_group_name	Age Group Name	Age group estimated.
year_id	Year	Time period of estimate.
measure_id	Measure ID	Unique numeric identifier for the measure generated and stored in an IHME database of data dimensions.
measure	Measure Name	<p>The measure (indicator) of the estimate.</p> <p>Possible values:</p> <ul style="list-style-type: none"> • Probability of death [<u>wshock</u>: Estimates were made including deaths from natural disasters, wars, etc.] • Probability of death no-shock with hiv [<u>noshock</u>: Estimates were made excluding deaths from natural disasters, wars, etc.]
metric_id	Metric ID	Unique numeric identifier for the metric.
metric_name	Metric Name	Metric/unit of measure for the estimate.
val	Value	Mean estimate.
upper	95% Uncertainty Interval - Upper Bound	97.5% percentile estimate.

Variable	Variable Label	Variable Definition
lower	95% Uncertainty Interval - Lower Bound	2.5% percentile estimate.

Additional Information

Terms and Conditions

<http://www.healthdata.org/about/terms-and-conditions>

Contact information

To request further information about this dataset, please contact IHME:

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These files may be updated periodically, so we appreciate hearing feedback or additional information about how these data are being used.