



Data Release Information Sheet

Data Summary

Dataset name: GBD 2019 Under-5 Mortality and Adult Mortality 1950-2019

Date of release: October 15, 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 provides annual estimates for under-5 mortality (5q0, or ages 0-4) and adult mortality (45q15, or ages 15-59), as expressed by probability of death, by sex for 1950-2019. For under-5 mortality estimation, 7417 sources were used. These included 28,016 location-years of vital registration data, 481 surveys with complete birth histories, and 1081 sources on summary birth histories. For adult mortality, 7355 sources were used. These included 7000 location-years of vital registration and 322 location-years of sample vital registration, 66 sources of household deaths, 102 censuses, and 133 surveys.

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. GBD 2019 Under-5 Mortality and Adult Mortality 1950-2019. Seattle, United States of America: Institute for Health Metrics and Evaluation (IHME), 2020.

File Inventory

File Name	Description	Version Date
IHME_GBD_2019_MORTALITY_1950_2019_5Q0_NOSHOCK_Y2020M07D31.CSV	Under-5 Mortality - No Shocks (Estimates exclude deaths from natural disasters, wars, etc.)	July 20, 2020

File Name	Description	Version Date
IHME_GBD_2019_MORTALITY_19_50_2019_5Q0_WSHOCK_Y2020M07D31.CSV	Under-5 Mortality - With Shocks (Estimates include deaths from natural disasters, wars, etc.)	July 20, 2020
IHME_GBD_2019_MORTALITY_19_50_2019_45Q15_NOSHOCK_Y2020M07D31.CSV	Adult Mortality - With Shocks (Estimates include deaths from natural disasters, wars, etc.)	July 20, 2020
IHME_GBD_2019_MORTALITY_19_50_2019_45Q15_WSHOCK_Y2020M07D31.CSV	Adult Mortality - No Shocks (Estimates exclude deaths from natural disasters, wars, etc.)	July 20, 2020
IHME_GBD_2019_MORTALITY_19_50_2019_CODEBOOK_Y2020M07D31.CSV	Codebook	July 20, 2020
IHME_GBD_2019_MORTALITY_19_50_2019_INFO_SHEET_Y2020M10D15.PDF	Data Release Information Sheet	October 15, 2020

Data Files Information

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.

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.

Variable	Variable Label	Variable Definition
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. Possible values: <ul style="list-style-type: none"> • Under 5 • 15 to 59
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	The measure (indicator) of the estimate. Possible values: <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>nosshock</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.
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:

Address:

Institute for Health Metrics and Evaluation
Population Health Building/Hans Rosling Center
3980 15th Ave. NE, Seattle, WA 98195 USA
UW Campus Box #351615

Telephone: +1-206-897-2800

Fax: +1-206-897-2899

Email: data@healthdata.org

Website: www.healthdata.org

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