



Institute for Health Metrics and Evaluation

Data Release Information Sheet

Data Summary

Dataset name: Global Burden of Disease Study 2019 (GBD 2019) Fertility Estimates 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 age-specific fertility rate (ASFR), total fertility rate (TFR), total fertility under 25 years (TFU25), net reproductive rate (NRR), live births, and crude birth rate for 1950-2019. Data sources used to produce the ASFR estimates came from 8078 location-years of vital registration data, and 439 complete birth histories and 628 summary birth histories from 938 surveys, 349 censuses, and 238 other sources.

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) Fertility Estimates 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_FERTILITY_1950_2019_ASFR_Y2020M08D05.CSV	Age-Specific Fertility Rate (ASFR)	August 5, 2020
IHME_GBD_2019_FERTILITY_1950_2019_TFR_Y2020M08D05.CSV	Total Fertility Rate (TFR)	August 5, 2020
IHME_GBD_2019_FERTILITY_1950_2019_TFU25_Y2020M08D05.CSV	Total Fertility Under 25 Years (TFU25)	August 5, 2020
IHME_GBD_2019_FERTILITY_1950_2019_NRR_Y2020M08D05.CSV	Net Reproductive Rate (NRR)	August 5, 2020
IHME_GBD_2019_FERTILITY_1950_2019_CBR_Y2020M08D05.CSV	Crude Birth Rate (CBR)	August 5, 2020
IHME_GBD_2019_FERTILITY_1950_2019_LB_Y2020M08D05.CSV	Live Births	August 5, 2020
IHME_GBD_2019_FERTILITY_1950_2019_CODEBOOK_Y2020M08D05.CSV	Codebook	August 5, 2020
IHME_GBD_2019_FERTILITY_1950_2019_INFO_SHEET_Y2020M10D15.PDF	Data Release Information Sheet	October 15, 2020

Data Files Information

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.

Variable	Variable Label	Variable Definition
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	The measure (indicator) of the estimate.
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

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.