



Institute for Health Metrics and Evaluation

Data Release Information Sheet

Data Summary

Dataset name: Global Burden of Disease Study 2019 (GBD 2019) United States Fatal Police Violence by Race and State 1980-2019

Date of release: September 30, 2021 Date of update: February 24, 2023

Summary:

Estimates of deaths due to police violence were produced for by age group, sex, state, and race/ethnicity for the United States between 1980 and 2019. Data from the USA National Vital Statistics System (NVSS) was compared to three non-governmental, open-source databases on police violence: Fatal Encounters, Mapping Police Violence, and The Counted. Data from all sources were extracted and standardized, and a network meta-regression used to quantify the rate of under-reporting within the USA NVSS. These rates were used to inform correction factors and provide adjusted mortality estimates.

Relevant publications and visualizations:

- Global Burden of Disease Cause of Death Collaborators. Fatal police violence by race and state in the USA, 1980–2019: a network meta-regression. *The Lancet*. 30 September 2021.

Acknowledgements

Contributing organizations:

- Global Burden of Disease Collaborative Network

Funders:

- Bill and Melinda Gates Foundation (BMGF)
- National Institute on Minority Health and Health Disparities (NIMHD)
- National Heart, Lung, and Blood Institute, National Institutes of Health (NIH)

Suggested Citation:

Global Burden of Disease Collaborative Network. Global Burden of Disease Study 2019 (GBD 2019) United States Fatal Police Violence by Race and State 1980-2019. Seattle, United States of America: Institute for Health Metrics and Evaluation (IHME), 2021.

Data Files Information

File Inventory

File Name	Description	Version Date
IHME_GBD_2019_POLICE_VIOLEN CE_1980_2019_DATA_Y2023M02 D24.CSV	USA police violence estimates by race/ethnicity 1980-2019	February 24, 2023
IHME_GBD_2019_USA_POLICE_VI OLENCE_1980_2019_CODEBOOK_ Y2021M09D30.CSV	Codebook	September 30, 2021
IHME_GBD_2019_USA_POLICE_VI OLENCE_1980_2019_DATA_INPUT _SOURCES_Y2021M09D30.XLSX	Data Input Sources	September 30, 2021
IHME_GBD_2019_USA_POLICE_VI OLENCE_1980_2019_INFO_SHEET _Y2023M02D24.PDF	Data Release Information Sheet	February 24, 2023

Data Update

These data were updated on 02/24/2023 to correct an error in the uncertainty intervals. This error was not present in the associated article manuscript, tables or figures, or any other related material.

Variable Information

Variable	Variable Label	Variable Definition
measure_id	Measure ID	A unique numeric identifier for the measure generated and stored in an IHME database of data dimensions.
measure_name	Measure Name	The measure (indicator) for the estimate.
location_id	Location ID	A unique numeric identifier for the location generated and stored in an IHME database of data dimensions.
location_name	Location Name	The location for the estimate.
race_and_ethnicity	Race and Ethnicity	The race and ethnicity of the estimate.

Variable	Variable Label	Variable Definition
sex_id	Sex ID	A unique numeric identifier for the sex generated and stored in an IHME database of data dimensions.
sex_name	Sex Name	The gender for the estimate.
age_group_id	Age Group ID	A unique numeric identifier for the age group generated and stored in an IHME database of data dimensions.
age_group_name	Age Group Name	The age group for the estimate.
cause_name	Cause Name	The name of the cause for the estimate
metric_id	Metric ID	A unique numeric identifier for the metric.
metric_name	Metric Name	The metric/unit of measure for the estimate.
year_id	Year ID	The time period 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.
population	Population	The population for a given location-year-age-sex-race-ethnicity.
age_weight	Age Weight	The age weight for a given age group.

Additional Information

Age weight and population are included so that Mortality Rates and Age Standardized Mortality Rates can be calculated independently.

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.