



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

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_USA_POLICE_VIOLENCE_1980_2019_DATA_Y2021M09D30.CSV	USA police violence estimates by race/ethnicity 1980-2019	September 30, 2021
IHME_GBD_2019_USA_POLICE_VIOLENCE_1980_2019_CODEBOOK_Y2021M09D30.CSV	Codebook	September 30, 2021
IHME_GBD_2019_USA_POLICE_VIOLENCE_1980_2019_DATA_INPUT_SOURCES_Y2021M09D30.XLSX	Data Input Sources	September 30, 2021
IHME_GBD_2019_USA_POLICE_VIOLENCE_1980_2019_INFO_SHEET_Y2021M09D30.PDF	Data Release Information Sheet	September 30, 2021

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.
sex_id	Sex ID	A unique numeric identifier for the sex generated and stored in an IHME database of data dimensions.

Variable	Variable Label	Variable Definition
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:

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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.