Institute for Health Metrics and Evaluation

Data Release Information Sheet

Data Summary

Dataset name: United States Mortality Rates and Life Expectancy by County, Race, and Ethnicity 2000-2019

Date of release: June 16, 2022

Summary:

Estimates were produced for mortality rates and life expectancy at the county level in the United States, and by racial/ethnic group, for each year between 2000-2019. These estimates were produced using population and deaths data from the National Center for Health Statistics.

This dataset includes the following:

- CSV files of county-, state-, and national-level estimates of mortality rates and life expectancy for each age group, sex, year, and racial-ethnic group (all of which are non-Latino, except for the Latino group): White, Black, American Indian and Alaska Native (AIAN), Asian and Pacific Islander (API), and Latino. Blank cells are for masked estimates
- Code used to generate the estimates

Relevant publications and visualizations:

GBD US Health Disparities Collaborators. Life expectancy by county, race, and ethnicity in the USA, 2000–19: a systematic analysis of health disparities. *The Lancet*. 16 June 2022.

Acknowledgements

Suggested Citation:

Institute for Health Metrics and Evaluation (IHME). United States Mortality Rates and Life Expectancy by County, Race, and Ethnicity 2000-2019. Seattle, United States of America: Institute for Health Metrics and Evaluation (IHME), 2022.

Data Files Information

Note:

- Mortality rate estimates are in files with "MX" in the name (e.g., IHME_USA_LE_COUNTY_RACE_ETHN_2000_2019_MX_2017_FEMALE_Y2022M06D16.CSV)
- Life expectancy estimates are in files with "LT" in the name (e.g., IHME_USA_LE_COUNTY_RACE_ETHN_2000_2019_LT_2002_MALE_Y2022M06D16.CSV)

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.
fips	FIPS Code	The FIPS code for the estimate.
race_id	Race/ethnicity ID	A unique numeric identifier for the race/ethnicity generated and stored in an IHME database of data dimensions.
race_name	Race/ethnicity name	The race/ethnicity for the estimate. All groups besides Latino and Total are non-Latino (e.g. non-Latino White). Values: Total, Latino, Black. White, AIAN [American Indian and Alaska Native], API [Asian and Pacific Islander]
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.

Variable	Variable Label	Variable Definition
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_name	Age Group Name	The age group for the estimate.
year	Year	The time period 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.
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:

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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.