



Institute for Health Metrics and Evaluation

Data Release Information Sheet

Data Summary

Dataset name: United States Healthcare Spending by Race and Ethnicity 2002-2016

Date of release: August 17, 2021

Summary:

This dataset includes estimates of total health care spending in the US for 6 race/ethnicity groups by 6 types of care, sex, 19 age groups, and 7 health condition, as well as an aggregate of all health conditions, for the years 2002-2016. To produce these estimates, data on self-reported race and Hispanic ethnicity, age, sex, insurance coverage, knowledge of having key health conditions, and information about health system encounters (visits, admission, or prescriptions), diagnoses, and healthcare spending were extracted from the Medical Expenditure Panel Survey (2002-2016), the National Health Interview Survey (2002; 2016), and the Medicare Current Beneficiary Survey (2002-2012). These data were combined with healthcare spending estimates from the [Disease Expenditure Project](#) (1996-2016). Estimates are reported in inflation-adjusted 2016 US dollars.

Relevant publications and visualizations:

Dieleman JL, Chen C, Crosby SW, Liu A, McCracken D, Pollock IA, et al. US Healthcare Spending by Race and Ethnicity, 2002–2016. *JAMA*. 17 Aug 2021.

Acknowledgements

Contributing organizations:

- Institute for Health Metrics and Evaluation (IHME)

Funders:

- National Institute on Minority Health and Health Disparities (NIMHD)

Suggested Citation:

Institute for Health Metrics and Evaluation (IHME). United States Healthcare Spending by Race and Ethnicity 2002-2016. Seattle, United States of America: Institute for Health Metrics and Evaluation (IHME), 2021.

Data Files Information

File Inventory

File Name	Description	Version Date
IHME_USA_HEALTH_SPENDING_RACE_ETHNICITY_2002_2016_DATA_Y2021M08D17.CSV	Healthcare spending estimates	August 17, 2021
IHME_USA_HEALTH_SPENDING_RACE_ETHNICITY_2002_2016_CODEBOOK_Y2021M08D17.CSV	Codebook	August 17, 2021
IHME_USA_HEALTH_SPENDING_RACE_ETHNICITY_2002_2016_INFO_SHEET_Y2021M08D17.PDF	Data Release Information Sheet	August 17, 2021

Variable Information

Variable	Variable Label	Variable Definition
year	Year	The year of spending.
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.
sex_id	Sex ID	A unique numeric identifier for the sex generated and stored in an IHME database of data dimensions.
sex_name	Sex	The sex for the estimate.
race_ethnicity	Race/Ethnicity	6 race/ethnicity groups, and an aggregate "Total."
acause	Cause	A unique character identifier for the cause. (Note: these are DEX-specific acauses, and do not conform to GBD standards.)

Variable	Variable Label	Variable Definition
acause_name	Cause Name	The 7 health conditions presented in the paper as well as an aggregated category for all conditions. (Note: unlike the other aggregates, which are sums of the disaggregated categories in this dataset, “All conditions” includes many more health conditions than the 7 which are included in this dataset).
type_care	Type of Care	6 types of care, and an aggregate: “Total.”
spending_unit	Spending Unit	The unit of spending – either millions of USD or USD per capita.
val	Value	The 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.