



Institute for Health Metrics and Evaluation

Data Release Information Sheet

Data Summary

Dataset name: United States Health Care Spending by Payer and Health Condition 1996-2016

Date of release: March 18, 2020

Summary:

The Disease Expenditure Project (DEX) at IHME produced estimates for US spending on health care according to 3 types of payers (public insurance [including Medicare, Medicaid, and other government programs], private insurance, or out-of-pocket payments) and by health condition, age group, sex, and type of care for 1996 through 2016. Types of care include ambulatory care, inpatient care, nursing care facility stay, emergency department care, dental care, prescribed pharmaceutical care, and government administration and net cost of insurance programs. Government budgets, insurance claims, facility records, household surveys, and official US records from 1996 through 2016 were used to produce the results. Spending estimates were produced for 154 conditions, which were aggregated into 14 health categories. This dataset contains estimates for the aggregate health categories.

Relevant publications and visualizations:

Dieleman JL, Cao J, Chapin A, et al. US Health Care Spending by Payer and Health Condition, 1996-2016. JAMA. 2020;323(9):863–884. doi:10.1001/jama.2020.0734

[Tracking personal health care spending in the US](#)

Acknowledgements

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- Institute for Health Metrics and Evaluation (IHME)

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- Peterson Center on Healthcare

Suggested Citation:

Institute for Health Metrics and Evaluation (IHME). United States Health Care Spending by Payer and Health Condition 1996-2016. Seattle, United States of America: Institute for Health Metrics and Evaluation (IHME), 2020.

File Inventory

[Optional, depending on number of files]

File Name	Description	Version Date
IHME_DEX_1996_2016_Y2020M03D18.CSV	Data	March 18, 2018
IHME_DEX_1996_2016_CODEBOOK_Y2020M03D18.CSV	Codebook	March 18, 2018
IHME_DEX_1996_2016_INFO_SHEET_Y2020M03D18.CSV	Data Release Information Sheet	March 18, 2018

Data Files Information

Variable	Variable Label	Variable Definition
Year_id	Year	Time period of 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
sex_ID	Sex ID	Unique numeric identifier for the sex generated and stored in an IHME database of data dimensions
sex	Sex	Gender for the estimate
function	function	Unique identifier for the types of care
type_of_care	Types of care	Types of care estimated
acause	acause	Unique identifier for the cause
Cause_name	Cause name	Cause for the estimate
Cause_id	Cause ID	Unique numeric identifier for the cause

Variable	Variable Label	Variable Definition
Mean_all	Mean all payers	Mean estimate for all payers
Lower_all	95% uncertainty interval (lower bound)	2.5% percentile estimate for all payers
Upper_all	95% uncertainty interval (upper bound)	97.5% percentile estimate for all payers
Mean_pub	Mean public insurance	Mean estimate for public insurance
Lower_pub	95% uncertainty interval (lower bound)	2.5% percentile estimate for public insurance
Upper_pub	95% uncertainty interval (upper bound)	97.5% percentile estimate for public insurance
Mean_pri	Mean private insurance	Mean estimate for private insurance
Lower_pri	95% uncertainty interval (lower bound)	2.5% percentile estimate for private insurance
Upper_pri	95% uncertainty interval (upper bound)	97.5% percentile estimate for private insurance
Mean_oop	Mean out-of-pocket	Mean estimate for out-of-pocket
Lower_oop	95% uncertainty interval (lower bound)	2.5% percentile estimate for out-of-pocket
Upper_oop	95% uncertainty interval (upper bound)	97.5% percentile estimate for out-of-pocket

Additional Information

Terms and Conditions

<http://www.healthdata.org/about/terms-and-conditions>

Contact information

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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.