



Institute for Health Metrics and Evaluation

Data Release Information Sheet

Data Summary

Dataset name: Global Health Spending 1995-2016

Date of release: April 25, 2019 [Date of update: May 14, 2019]

Summary:

Research by the Global Burden of Disease Health Financing Collaborator Network produced retrospective health spending estimates for 1995-2016 for 195 countries and territories. The estimates cover total health spending, and health spending disaggregated by source into three domestic financing source categories (government, out-of-pocket, and prepaid private) and development assistance for health (DAH). Domestic health spending source data came primarily from the WHO's Global Health Expenditure Database (GHED). [DAH](#) data came from a diverse set of sources, including program reports, budget data, national estimates, and National Health Accounts (NHAs). The resulting estimates were used to help produce [prospective health spending estimates for 2017-2050](#). Estimates are reported in constant 2018 United States dollars, constant 2018 purchasing power parity-adjusted (PPP) dollars, and as a percent of gross domestic product.

Relevant publications and visualizations:

- Global Burden of Disease Health Financing Collaborator Network. Past, present, and future of global health financing: a review of development assistance, government, out-of-pocket, and other private spending on health for 195 countries, 1995-2050. *The Lancet*. 25 April 2019.
- Institute for Health Metrics and Evaluation (IHME). *Financing Global Health 2018: Countries and Programs in Transition*. Seattle, WA: IHME, 2019.
- [Financing Global Health visualization](#)

Acknowledgements

Contributing organizations:

- Global Burden of Disease Health Financing Collaborator Network

Funders:

- Bill and Melinda Gates Foundation (BMGF)

Suggested Citation:

Global Burden of Disease Health Financing Collaborator Network. Global Health Spending 1995-2016. Seattle, United States: Institute for Health Metrics and Evaluation (IHME), 2019.

File Inventory

File Name	Description	Version Date
IHME_HEALTH_SPENDING_1995_2016_Y2019M05D14.CSV	Health spending estimates [CSV]	May 14, 2019
IHME_HEALTH_SPENDING_1995_2016_Y2019M05D14.DTA	Health spending estimates [DTA]	May 14, 2019
IHME_HEALTH_SPENDING_1995_2016_CODEBOOK_Y2019M04D24.CSV	Codebook	April 24, 2019
IHME_HEALTH_SPENDING_1995_2016_INFO_SHEET_Y2019M04D24.PDF	Data Release Information Sheet	May 14, 2019

Updated File Information

The data files were updated after an error was discovered in country-level DAH per capita/person estimates.

Data Files Information

Variable	Variable Label	Variable Definition
location_id	Location ID	Unique numeric identifier for the location generated and stored in an IHME database of data dimensions
location_name	Location Name	Location of the estimate
iso3	ISO 3-digit Code	ISO 3-digit Code
level	Location Category	Location Category
year	Year	Time period of estimate
the_total_mean	Total Health Spending (thousands of 2018 USD)	Total Health Spending (thousands of constant 2018 United States dollars)
the_total_lower	Total Health Spending, Lower UI (thousands of 2018 USD)	Total Health Spending, Lower UI (thousands of constant 2018 United States dollars)
the_total_upper	Total Health Spending, Upper UI (thousands of 2018 USD)	Total Health Spending, Upper UI (thousands of constant 2018 United States dollars)

Variable	Variable Label	Variable Definition
the_total_ppp_mean	Total Health Spending (thousands of 2018 PPP)	Total Health Spending (thousands of constant 2018 purchasing power parity dollars)
the_total_ppp_lower	Total Health Spending, Lower UI (thousands of 2018 PPP)	Total Health Spending, Lower UI (thousands of constant 2018 purchasing power parity dollars)
the_total_ppp_upper	Total Health Spending, Upper UI (thousands of 2018 PPP)	Total Health Spending, Upper UI (thousands of constant 2018 purchasing power parity dollars)
ghes_total_mean	Government Spending (thousands of 2018 USD)	Government Spending (thousands of constant 2018 United States dollars)
ghes_total_lower	Government Spending, Lower UI (thousands of 2018 USD)	Government Spending, Lower UI (thousands of constant 2018 United States dollars)
ghes_total_upper	Government Spending, Upper UI (thousands of 2018 USD)	Government Spending, Upper UI (thousands of constant 2018 United States dollars)
ghes_total_ppp_mean	Government Spending (thousands of 2018 PPP)	Government Spending (thousands of constant 2018 purchasing power parity dollars)
ghes_total_ppp_lower	Government Spending, Lower UI (thousands of 2018 PPP)	Government Spending, Lower UI (thousands of constant 2018 purchasing power parity dollars)
ghes_total_ppp_upper	Government Spending, Upper UI (thousands of 2018 PPP)	Government Spending, Upper UI (thousands of constant 2018 purchasing power parity dollars)
ppp_total_mean	Prepaid Private Spending (thousands of 2018 USD)	Prepaid Private Spending (thousands of constant 2018 United States dollars)
ppp_total_lower	Prepaid Private Spending, Lower UI (thousands of 2018 USD)	Prepaid Private Spending, Lower UI (thousands of constant 2018 United States dollars)
ppp_total_upper	Prepaid Private Spending, Upper UI (thousands of 2018 USD)	Prepaid Private Spending, Upper UI (thousands of constant 2018 United States dollars)
ppp_total_ppp_mean	Prepaid Private Spending (thousands of 2018 PPP)	Prepaid Private Spending (thousands of constant 2018 purchasing power parity dollars)
ppp_total_ppp_lower	Prepaid Private Spending, Lower UI (thousands of 2018 PPP)	Prepaid Private Spending, Lower UI (thousands of constant 2018 purchasing power parity dollars)
ppp_total_ppp_upper	Prepaid Private Spending, Upper UI (thousands of 2018 PPP)	Prepaid Private Spending, Upper UI (thousands of constant 2018 purchasing power parity dollars)

Variable	Variable Label	Variable Definition
oop_total_mean	Out-of-Pocket Spending (thousands of 2018 USD)	Out-of-Pocket Spending (thousands of constant 2018 United States dollars)
oop_total_lower	Out-of-Pocket Spending, Lower UI (thousands of 2018 USD)	Out-of-Pocket Spending, Lower UI (thousands of constant 2018 United States dollars)
oop_total_upper	Out-of-Pocket Spending, Upper UI (thousands of 2018 USD)	Out-of-Pocket Spending, Upper UI (thousands of constant 2018 United States dollars)
oop_total_ppp_mean	Out-of-Pocket Spending (thousands of 2018 PPP)	Out-of-Pocket Spending (thousands of constant 2018 purchasing power parity dollars)
oop_total_ppp_lower	Out-of-Pocket Spending, Lower UI (thousands of 2018 PPP)	Out-of-Pocket Spending, Lower UI (thousands of constant 2018 purchasing power parity dollars)
oop_total_ppp_upper	Out-of-Pocket Spending, Upper UI (thousands of 2018 PPP)	Out-of-Pocket Spending, Upper UI (thousands of constant 2018 purchasing power parity dollars)
dah_total_mean	Development Assistance for Health (thousands of 2018 USD)	Development Assistance for Health (thousands of constant 2018 United States dollars)
dah_total_ppp_mean	Development Assistance for Health (thousands of 2018 PPP)	Development Assistance for Health (thousands of constant 2018 purchasing power party dollars)
the_per_cap_mean	Total Health Spending per Person (2018 USD)	Total Health Spending per Person (constant 2018 United States dollars)
the_per_cap_lower	Total Health Spending per Person, Lower UI (2018 USD)	Total Health Spending per Person, Lower UI (constant 2018 United States dollars)
the_per_cap_upper	Total Health Spending per Person, Upper UI (2018 USD)	Total Health Spending per Person, Upper UI (constant 2018 United States dollars)
the_per_cap_ppp_mean	Total Health Spending per Person (2018 PPP)	Total Health Spending per Person (constant 2018 purchasing power parity dollars)
the_per_cap_ppp_lower	Total Health Spending per Person, Lower UI (2018 PPP)	Total Health Spending per Person, Lower UI (constant 2018 purchasing power parity dollars)
the_per_cap_ppp_upper	Total Health Spending per Person, Upper UI (2018 PPP)	Total Health Spending per Person, Upper UI (constant 2018 purchasing power parity dollars)
ghes_per_cap_mean	Government Spending per Person (2018 USD)	Government Spending per Person (constant 2018 United States dollars)
ghes_per_cap_lower	Government Spending per Person, Lower UI (2018 USD)	Government Spending per Person, Lower UI (constant 2018 United States dollars)

Variable	Variable Label	Variable Definition
ghes_per_cap_upper	Government Spending per Person, Upper UI (2018 USD)	Government Spending per Person, Upper UI (constant 2018 United States dollars)
ghes_per_cap_ppp_mean	Government Spending per Person (2018 PPP)	Government Spending per Person (constant 2018 purchasing power parity dollars)
ghes_per_cap_ppp_lower	Government Spending per Person, Lower UI (2018 PPP)	Government Spending per Person, Lower UI (constant 2018 purchasing power parity dollars)
ghes_per_cap_ppp_upper	Government Spending per Person, Upper UI (2018 PPP)	Government Spending per Person, Upper UI (constant 2018 purchasing power parity dollars)
ppp_per_cap_mean	Prepaid Private Spending per Person (2018 USD)	Prepaid Private Spending per Person (constant 2018 United States dollars)
ppp_per_cap_lower	Prepaid Private Spending per Person, Lower UI (2018 USD)	Prepaid Private Spending per Person, Lower UI (constant 2018 United States dollars)
ppp_per_cap_upper	Prepaid Private Spending per Person, Upper UI (2018 USD)	Prepaid Private Spending per Person, Upper UI (constant 2018 United States dollars)
ppp_per_cap_ppp_mean	Prepaid Private Spending per Person (2018 PPP)	Prepaid Private Spending per Person (constant 2018 purchasing power parity dollars)
ppp_per_cap_ppp_lower	Prepaid Private Spending per Person, Lower UI (2018 PPP)	Prepaid Private Spending per Person, Lower UI (constant 2018 purchasing power parity dollars)
ppp_per_cap_ppp_upper	Prepaid Private Spending per Person, Upper UI (2018 PPP)	Prepaid Private Spending per Person, Upper UI (constant 2018 purchasing power parity dollars)
oop_per_cap_mean	Out-of-Pocket Spending per Person (2018 USD)	Out-of-Pocket Spending per Person (constant 2018 United States dollars)
oop_per_cap_lower	Out-of-Pocket Spending per Person, Lower UI (2018 USD)	Out-of-Pocket Spending per Person, Lower UI (constant 2018 United States dollars)
oop_per_cap_upper	Out-of-Pocket Spending per Person, Upper UI (2018 USD)	Out-of-Pocket Spending per Person, Upper UI (constant 2018 United States dollars)
oop_per_cap_ppp_mean	Out-of-Pocket Spending per Person (2018 PPP)	Out-of-Pocket Spending per Person (constant 2018 purchasing power parity dollars)
oop_per_cap_ppp_lower	Out-of-Pocket Spending per Person, Lower UI (2018 PPP)	Out-of-Pocket Spending per Person, Lower UI (constant 2018 purchasing power parity dollars)
oop_per_cap_ppp_upper	Out-of-Pocket Spending per Person, Upper UI (2018 PPP)	Out-of-Pocket Spending per Person, Upper UI (constant 2018 purchasing power parity dollars)

Variable	Variable Label	Variable Definition
dah_per_cap_mean	Development Assistance for Health Spending per Person (2018 USD)	Development Assistance for Health Spending per Person (constant 2018 United States dollars)
dah_per_cap_ppp_mean	Development Assistance for Health Spending per Person (2018 PPP)	Development Assistance for Health Spending per Person (constant 2018 purchasing power parity dollars)
ghes_per_the_mean	Government Spending per Total Health Spending	Government Spending per Total Health Spending (Percent - %)
ghes_per_the_lower	Government Spending per Total Health Spending, Lower UI	Government Spending per Total Health Spending, Lower UI (Percent - %)
ghes_per_the_upper	Government Spending per Total Health Spending, Upper UI	Government Spending per Total Health Spending, Upper UI (Percent - %)
ppp_per_the_mean	Prepaid Private Spending per Total Health Spending	Prepaid Private Spending per Total Health Spending (Percent - %)
ppp_per_the_lower	Prepaid Private Spending per Total Health Spending, Lower UI	Prepaid Private Spending per Total Health Spending, Lower UI (Percent - %)
ppp_per_the_upper	Prepaid Private Spending per Total Health Spending, Upper UI	Prepaid Private Spending per Total Health Spending, Upper UI (Percent - %)
oop_per_the_mean	Out-of-Pocket Spending per Total Health Spending	Out-of-Pocket Spending per Total Health Spending (Percent - %)
oop_per_the_lower	Out-of-Pocket Spending per Total Health Spending, Lower UI	Out-of-Pocket Spending per Total Health Spending, Lower UI (Percent - %)
oop_per_the_upper	Out-of-Pocket Spending per Total Health Spending, Upper UI	Out-of-Pocket Spending per Total Health Spending, Upper UI (Percent - %)
dah_per_the_mean	Development Assistance for Health per Total Health Spending	Development Assistance for Health per Total Health Spending (Percent - %)
dah_per_the_lower	Development Assistance for Health per Total Health Spending, Lower UI	Development Assistance for Health per Total Health Spending, Lower UI (Percent - %)
dah_per_the_upper	Development Assistance for Health per Total Health Spending, Upper UI	Development Assistance for Health per Total Health Spending, Upper UI (Percent - %)
the_per_gdp_mean	Total Health Spending per Gross Domestic Product	Total Health Spending per Gross Domestic Product (Percent - %)
the_per_gdp_lower	Total Health Spending per Gross Domestic Product, Lower UI	Total Health Spending per Gross Domestic Product, Lower UI (Percent - %)

Variable	Variable Label	Variable Definition
the_per_gdp_upper	Total Health Spending per Gross Domestic Product, Upper UI	Total Health Spending per Gross Domestic Product, Upper UI (Percent - %)
ghes_per_gdp_mean	Government Spending per Gross Domestic Product	Government Spending per Gross Domestic Product (Percent - %)
ghes_per_gdp_lower	Government Spending per Gross Domestic Product, Lower UI	Government Spending per Gross Domestic Product, Lower UI (Percent - %)
ghes_per_gdp_upper	Government Spending per Gross Domestic Product, Upper UI	Government Spending per Gross Domestic Product, Upper UI (Percent - %)
ppp_per_gdp_mean	Prepaid Private Spending per Gross Domestic Product	Prepaid Private Spending per Gross Domestic Product (Percent - %)
ppp_per_gdp_lower	Prepaid Private Spending per Gross Domestic Product, Lower UI	Prepaid Private Spending per Gross Domestic Product, Lower UI (Percent - %)
ppp_per_gdp_upper	Prepaid Private Spending per Gross Domestic Product, Upper UI	Prepaid Private Spending per Gross Domestic Product, Upper UI (Percent - %)
oop_per_gdp_mean	Out-of-Pocket Spending per Gross Domestic Product	Out-of-Pocket Spending per Gross Domestic Product (Percent - %)
oop_per_gdp_lower	Out-of-Pocket Spending per Gross Domestic Product, Lower UI	Out-of-Pocket Spending per Gross Domestic Product, Lower UI (Percent - %)
oop_per_gdp_upper	Out-of-Pocket Spending per Gross Domestic Product, Upper UI	Out-of-Pocket Spending per Gross Domestic Product, Upper UI (Percent - %)
dah_per_gdp_mean	Development Assistance for Health per Gross Domestic Product	Development Assistance for Health per Gross Domestic Product (Percent - %)
dah_per_gdp_lower	Development Assistance for Health per Gross Domestic Product, Lower UI	Development Assistance for Health per Gross Domestic Product, Lower UI (Percent - %)
dah_per_gdp_upper	Development Assistance for Health per Gross Domestic Product, Upper UI	Development Assistance for Health per Gross Domestic Product, Upper UI (Percent - %)

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.