



# Data Release Information Sheet

## ***Data Summary***

Dataset name: Global Health Spending 1995-2023

Date of release: July 15, 2025

Summary:

Research by the Global Burden of Disease Health Financing Collaborator Network produced retrospective health spending estimates for 1995-2022 for 204 countries and territories. The estimates cover total health spending, 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 forecast GDP and prospective health spending estimates for 2023-2050. Estimates are reported in constant 2023 United States Dollars, constant 2023 purchasing power parity adjusted (PPP) dollars, and as a percent of gross domestic product.

Relevant publications and visualizations:

- [Financing Global Health Visualization](#)

## **Acknowledgements**

Contributing organizations:

- Institute for Health Metrics and Evaluation (IHME)

Funders:

- Gates Foundation (GF)

Suggested Citation:

Institute for Health Metrics and Evaluation (IHME). Global Health Spending 1995-2023. Seattle, United States of America: Institute for Health Metrics and Evaluation (IHME), 2025.



## Data Files Information

### Variable 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 (2023 USD)	Total Health Spending (thousands of 2023 United States Dollars)
the_total_lower	Total Health Spending, Lower UI (2023 USD)	Total Health Spending, Lower UI (thousands of 2023 United States Dollars)
the_total_upper	Total Health Spending, Upper UI (2023 USD)	Total Health Spending, Upper UI (thousands of 2023 United States Dollars)
the_total_ppp_mean	Total Health Spending (2023 PPP)	Total Health Spending (thousands of 2023 purchasing power parity dollars)
the_total_ppp_lower	Total Health Spending, Lower UI (2023 PPP)	Total Health Spending, Lower UI (thousands of 2023 purchasing power parity dollars)
the_total_ppp_upper	Total Health Spending, Upper UI (2023 PPP)	Total Health Spending, Upper UI (thousands of 2023 purchasing power parity dollars)
ghes_total_mean	Government Health Spending (2023 USD)	Government Health Spending (thousands of 2023 United States Dollars)
ghes_total_lower	Government Health Spending, Lower UI (2023 USD)	Government Health Spending, Lower UI (thousands of 2023 United States Dollars)
ghes_total_upper	Government Health Spending, Upper UI (2023 USD)	Government Health Spending, Upper UI (thousands of 2023 United States Dollars)



Variable	Variable Label	Variable Definition
ghes_total_ppp_mean	Government Health Spending (2023 PPP)	Government Health Spending (thousands of 2023 purchasing power parity dollars)
ghes_total_ppp_lower	Government Health Spending, Lower UI (2023 PPP)	Government Health Spending, Lower UI (thousands of 2023 purchasing power parity dollars)
ghes_total_ppp_upper	Government Health Spending, Upper UI (2023 PPP)	Government Health Spending, Upper UI (thousands of 2023 purchasing power parity dollars)
ppp_total_mean	Prepaid Private Health Spending (2023 USD)	Prepaid Private Health Spending (thousands of 2023 United States Dollars)
ppp_total_lower	Prepaid Private Health Spending, Lower UI (2023 USD)	Prepaid Private Health Spending, Lower UI (thousands of 2023 United States Dollars)
ppp_total_upper	Prepaid Private Health Spending, Upper UI (2023 USD)	Prepaid Private Health Spending, Upper UI (thousands of 2023 United States Dollars)
ppp_total_ppp_mean	Prepaid Private Health Spending (2023 PPP)	Prepaid Private Health Spending (thousands of 2023 purchasing power parity dollars)
ppp_total_ppp_lower	Prepaid Private Health Spending, Lower UI (2023 PPP)	Prepaid Private Health Spending, Lower UI (thousands of 2023 purchasing power parity dollars)
ppp_total_ppp_upper	Prepaid Private Health Spending, Upper UI (2023 PPP)	Prepaid Private Health Spending, Upper UI (thousands of 2023 purchasing power parity dollars)
oop_total_mean	Out-of-pocket Health Spending (2023 USD)	Out-of-pocket Health Spending (thousands of 2023 United States Dollars)
oop_total_lower	Out-of-pocket Health Spending, Lower UI (2023 USD)	Out-of-pocket Health Spending, Lower UI (thousands of 2023 United States Dollars)
oop_total_upper	Out-of-pocket Health Spending, Upper UI (2023 USD)	Out-of-pocket Health Spending, Upper UI (thousands of 2023 United States Dollars)
oop_total_ppp_mean	Out-of-pocket Health Spending (2023 PPP)	Out-of-pocket Health Spending (thousands of 2023 purchasing power parity dollars)



Variable	Variable Label	Variable Definition
oop_total_ppp_lower	Out-of-pocket Health Spending, Lower UI (2023 PPP)	Out-of-pocket Health Spending, Lower UI (thousands of 2023 purchasing power parity dollars)
oop_total_ppp_upper	Out-of-pocket Health Spending, Upper UI (2023 PPP)	Out-of-pocket Health Spending, Upper UI (thousands of 2023 purchasing power parity dollars)
dah_total_mean	DAH (2023 USD)	Development Assistance for Health (thousands of 2023 United States Dollars)
dah_total_ppp_mean	DAH (2023 PPP)	Development Assistance for Health (thousands of 2023 purchasing power parity dollars)
the_per_cap_mean	Total Health Spending per person (2023 USD)	Total Health Spending per person (2023 United States Dollars)
the_per_cap_lower	Total Health Spending per person, Lower UI (2023 USD)	Total Health Spending per person, Lower UI (2023 United States Dollars)
the_per_cap_upper	Total Health Spending per person, Upper UI (2023 USD)	Total Health Spending per person, Upper UI (2023 United States Dollars)
the_per_cap_ppp_mean	Total Health Spending per person (2023 PPP)	Total Health Spending per person (2023 purchasing power parity dollars)
the_per_cap_ppp_lower	Total Health Spending per person, Lower UI (2023 PPP)	Total Health Spending per person, Lower UI (2023 purchasing power parity dollars)
the_per_cap_ppp_upper	Total Health Spending per person, Upper UI (2023 PPP)	Total Health Spending per person, Upper UI (2023 purchasing power parity dollars)
ghes_per_cap_mean	Government Health Spending per person (2023 USD)	Government Health Spending per person (2023 United States Dollars)
ghes_per_cap_lower	Government Health Spending per person, Lower UI (2023 USD)	Government Health Spending per person, Lower UI (2023 United States Dollars)
ghes_per_cap_upper	Government Health Spending per person, Upper UI (2023 USD)	Government Health Spending per person, Upper UI (2023 United States Dollars)
ghes_per_cap_ppp_mean	Government Health Spending per person (2023 PPP)	Government Health Spending per person (2023 purchasing power parity dollars)



Variable	Variable Label	Variable Definition
ghes_per_cap_ppp_lower	Government Health Spending per person, Lower UI (2023 PPP)	Government Health Spending per person, Lower UI (2023 purchasing power parity dollars)
ghes_per_cap_ppp_upper	Government Health Spending per person, Upper UI (2023 PPP)	Government Health Spending per person, Upper UI (2023 purchasing power parity dollars)
ppp_per_cap_mean	Prepaid Private Health Spending per person (2023 USD)	Prepaid Private Health Spending per person (2023 United States Dollars)
ppp_per_cap_lower	Prepaid Private Health Spending per person, Lower UI (2023 USD)	Prepaid Private Health Spending per person, Lower UI (2023 United States Dollars)
ppp_per_cap_upper	Prepaid Private Health Spending per person, Upper UI (2023 USD)	Prepaid Private Health Spending per person, Upper UI (2023 United States Dollars)
ppp_per_cap_ppp_mean	Prepaid Private Health Spending per person (2023 PPP)	Prepaid Private Health Spending per person (2023 purchasing power parity dollars)
ppp_per_cap_ppp_lower	Prepaid Private Health Spending per person, Lower UI (2023 PPP)	Prepaid Private Health Spending per person, Lower UI (2023 purchasing power parity dollars)
ppp_per_cap_ppp_upper	Prepaid Private Health Spending per person, Upper UI (2023 PPP)	Prepaid Private Health Spending per person, Upper UI (2023 purchasing power parity dollars)
oop_per_cap_mean	Out-of-pocket Health Spending per person (2023 USD)	Out-of-pocket Health Spending per person (2023 United States Dollars)
oop_per_cap_lower	Out-of-pocket Health Spending per person, Lower UI (2023 USD)	Out-of-pocket Health Spending per person, Lower UI (2023 United States Dollars)
oop_per_cap_upper	Out-of-pocket Health Spending per person, Upper UI (2023 USD)	Out-of-pocket Health Spending per person, Upper UI (2023 United States Dollars)
oop_per_cap_ppp_mean	Out-of-pocket Health Spending per person (2023 PPP)	Out-of-pocket Health Spending per person (2023 purchasing power parity dollars)
oop_per_cap_ppp_lower	Out-of-pocket Health Spending per person, Lower UI (2023 PPP)	Out-of-pocket Health Spending per person, Lower UI (2023 purchasing power parity dollars)
oop_per_cap_ppp_upper	Out-of-pocket Health Spending per person, Upper UI (2023 PPP)	Out-of-pocket Health Spending per person, Upper UI (2023 purchasing power parity dollars)



Variable	Variable Label	Variable Definition
dah_per_cap_mean	DAH per person (2023 USD)	Development Assistance for Health per person (2023 United States Dollars)
dah_per_cap_ppp_mean	DAH per person (2023 PPP)	Development Assistance for Health per person (2023 purchasing power parity dollars)
ghes_per_the_mean	Government Health Spending per Total Health Spending	Government Health Spending per Total Health Spending
ghes_per_the_lower	Government Health Spending per Total Health Spending, Lower UI	Government Health Spending per Total Health Spending, Lower UI
ghes_per_the_upper	Government Health Spending per Total Health Spending, Upper UI	Government Health Spending per Total Health Spending, Upper UI
ppp_per_the_mean	Prepaid Private Health Spending per Total Health Spending	Prepaid Private Health Spending per Total Health Spending
ppp_per_the_lower	Prepaid Private Health Spending per Total Health Spending, Lower UI	Prepaid Private Health Spending per Total Health Spending, Lower UI
ppp_per_the_upper	Prepaid Private Health Spending per Total Health Spending, Upper UI	Prepaid Private Health Spending per Total Health Spending, Upper UI
oop_per_the_mean	Out-of-pocket Health Spending per Total Health Spending	Out-of-pocket Health Spending per Total Health Spending
oop_per_the_lower	Out-of-pocket Health Spending per Total Health Spending, Lower UI	Out-of-pocket Health Spending per Total Health Spending, Lower UI
oop_per_the_upper	Out-of-pocket Health Spending per Total Health Spending, Upper UI	Out-of-pocket Health Spending per Total Health Spending, Upper UI
dah_per_the_mean	DAH per Total Health Spending	Development Assistance for Health per Total Health Spending
dah_per_the_lower	DAH per Total Health Spending, Lower UI	Development Assistance for Health per Total Health Spending, Lower UI
dah_per_the_upper	DAH per Total Health Spending, Upper UI	Development Assistance for Health per Total Health Spending, Upper UI



Variable	Variable Label	Variable Definition
the_per_gdp_mean	Total Health Spending per GDP	Total Health Spending per Gross Domestic Product
the_per_gdp_lower	Total Health Spending per GDP, Lower UI	Total Health Spending per Gross Domestic Product, Lower UI
the_per_gdp_upper	Total Health Spending per GDP, Upper UI	Total Health Spending per Gross Domestic Product, Upper UI
ghes_per_gdp_mean	Government Health Spending per GDP	Government Health Spending per Gross Domestic Product
ghes_per_gdp_lower	Government Health Spending per GDP, Lower UI	Government Health Spending per Gross Domestic Product, Lower UI
ghes_per_gdp_upper	Government Health Spending per GDP, Upper UI	Government Health Spending per Gross Domestic Product, Upper UI
ppp_per_gdp_mean	Prepaid Private Health Spending per GDP	Prepaid Private Health Spending per Gross Domestic Product
ppp_per_gdp_lower	Prepaid Private Health Spending per GDP, Lower UI	Prepaid Private Health Spending per Gross Domestic Product, Lower UI
ppp_per_gdp_upper	Prepaid Private Health Spending per GDP, Upper UI	Prepaid Private Health Spending per Gross Domestic Product, Upper UI
oop_per_gdp_mean	Out-of-pocket Health Spending per GDP	Out-of-pocket Health Spending per Gross Domestic Product
oop_per_gdp_lower	Out-of-pocket Health Spending per GDP, Lower UI	Out-of-pocket Health Spending per Gross Domestic Product, Lower UI
oop_per_gdp_upper	Out-of-pocket Health Spending per GDP, Upper UI	Out-of-pocket Health Spending per Gross Domestic Product, Upper UI
dah_per_gdp_mean	DAH per GDP	Development Assistance for Health per Gross Domestic Product
dah_per_gdp_lower	DAH per GDP, Lower UI	Development Assistance for Health per Gross Domestic Product, Lower UI



Variable	Variable Label	Variable Definition
dah_per_gdp_upper	DAH per GDP, Upper UI	Development Assistance for Health per Gross Domestic Product, Upper UI

## ***Additional Information***

### **Terms and Conditions**

<https://www.healthdata.org/data-tools-practices/data-practices/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.