



Institute for Health Metrics and Evaluation

Data Release Information Sheet

Data Summary

Dataset name: Global Health Spending 1995-2021

Date of release: May 14, 2024

Date of update: July 23, 2024

Summary:

Research by the Global Burden of Disease Health Financing Collaborator Network produced retrospective health spending estimates for 1995-2021 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 2022-2050. Estimates are reported in constant 2022 United States Dollars, constant 2022 purchasing power parity adjusted (PPP) dollars, and as a percent of gross domestic product.

Relevant publications and visualizations:

- [Financing Global Health Report](#)
- [Financing Global Health Visualization](#)

Acknowledgements

Contributing organizations:

- Institute for Health Metrics and Evaluation (IHME)

Funders:

- Bill and Melinda Gates Foundation (BMGF)

Suggested Citation:

Institute for Health Metrics and Evaluation (IHME). Global Health Spending 1995-2021. Seattle, United States of America: Institute for Health Metrics and Evaluation (IHME), 2024.

Data Files Information

Update Information

The data files were updated on July 23, 2024 to remove estimates for the year 2022, which were previously included in this dataset, to clarify that these estimates were projections. File names were updated to reflect this corrected time period. Duplicate values for several locations which were incorrectly included were also removed.

File Inventory

| File Name | Description | Version Date |
|---|----------------------------------|---------------|
| IHME_HEALTH_SPENDING_1995_2021_Y2024M07D23.CSV | Global Health Spending 1995-2021 | July 23, 2024 |
| IHME_HEALTH_SPENDING_1995_2021_Y2024M07D23.DTA | Global Health Spending 1995-2021 | July 23, 2024 |
| IHME_HEALTH_SPENDING_1995_2021_CODEBOOK_Y2024M07D13.CSV | Codebook | July 23, 2024 |
| IHME_HEALTH_SPENDING_1995_2021_INFO_SHEET_Y2024M07D23.PDF | Data Release Information Sheet | July 23, 2024 |
| IHME_HEALTH_SPENDING_1995_2021_INPUT_SOURCES_Y2024M05D23.XLSX | Data Input Sources | May 23, 2024 |

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 (2022 USD) | Total Health Spending (thousands of 2022 United States Dollars) |

| Variable | Variable Label | Variable Definition |
|----------------------|--|--|
| the_total_lower | Total Health Spending, Lower UI (2022 USD) | Total Health Spending, Lower UI (thousands of 2022 United States Dollars) |
| the_total_upper | Total Health Spending, Upper UI (2022 USD) | Total Health Spending, Upper UI (thousands of 2022 United States Dollars) |
| the_total_ppp_mean | Total Health Spending (2022 PPP) | Total Health Spending (thousands of 2022 purchasing power parity dollars) |
| the_total_ppp_lower | Total Health Spending, Lower UI (2022 PPP) | Total Health Spending, Lower UI (thousands of 2022 purchasing power parity dollars) |
| the_total_ppp_upper | Total Health Spending, Upper UI (2022 PPP) | Total Health Spending, Upper UI (thousands of 2022 purchasing power parity dollars) |
| ghes_total_mean | Government Health Spending (2022 USD) | Government Health Spending (thousands of 2022 United States Dollars) |
| ghes_total_lower | Government Health Spending, Lower UI (2022 USD) | Government Health Spending, Lower UI (thousands of 2022 United States Dollars) |
| ghes_total_upper | Government Health Spending, Upper UI (2022 USD) | Government Health Spending, Upper UI (thousands of 2022 United States Dollars) |
| ghes_total_ppp_mean | Government Health Spending (2022 PPP) | Government Health Spending (thousands of 2022 purchasing power parity dollars) |
| ghes_total_ppp_lower | Government Health Spending, Lower UI (2022 PPP) | Government Health Spending, Lower UI (thousands of 2022 purchasing power parity dollars) |
| ghes_total_ppp_upper | Government Health Spending, Upper UI (2022 PPP) | Government Health Spending, Upper UI (thousands of 2022 purchasing power parity dollars) |
| ppp_total_mean | Prepaid Private Health Spending (2022 USD) | Prepaid Private Health Spending (thousands of 2022 United States Dollars) |
| ppp_total_lower | Prepaid Private Health Spending, Lower UI (2022 USD) | Prepaid Private Health Spending, Lower UI (thousands of 2022 United States Dollars) |
| ppp_total_upper | Prepaid Private Health Spending, Upper UI (2022 USD) | Prepaid Private Health Spending, Upper UI (thousands of 2022 United States Dollars) |
| ppp_total_ppp_mean | Prepaid Private Health Spending (2022 PPP) | Prepaid Private Health Spending (thousands of 2022 purchasing power parity dollars) |

| Variable | Variable Label | Variable Definition |
|----------------------|---|---|
| ppp_total_ppp_lower | Prepaid Private Health Spending, Lower UI (2022 PPP) | Prepaid Private Health Spending, Lower UI (thousands of 2022 purchasing power parity dollars) |
| ppp_total_ppp_upper | Prepaid Private Health Spending, Upper UI (2022 PPP) | Prepaid Private Health Spending, Upper UI (thousands of 2022 purchasing power parity dollars) |
| oop_total_mean | Out-of-pocket Health Spending (2022 USD) | Out-of-pocket Health Spending (thousands of 2022 United States Dollars) |
| oop_total_lower | Out-of-pocket Health Spending, Lower UI (2022 USD) | Out-of-pocket Health Spending, Lower UI (thousands of 2022 United States Dollars) |
| oop_total_upper | Out-of-pocket Health Spending, Upper UI (2022 USD) | Out-of-pocket Health Spending, Upper UI (thousands of 2022 United States Dollars) |
| oop_total_ppp_mean | Out-of-pocket Health Spending (2022 PPP) | Out-of-pocket Health Spending (thousands of 2022 purchasing power parity dollars) |
| oop_total_ppp_lower | Out-of-pocket Health Spending, Lower UI (2022 PPP) | Out-of-pocket Health Spending, Lower UI (thousands of 2022 purchasing power parity dollars) |
| oop_total_ppp_upper | Out-of-pocket Health Spending, Upper UI (2022 PPP) | Out-of-pocket Health Spending, Upper UI (thousands of 2022 purchasing power parity dollars) |
| dah_total_mean | DAH (2022 USD) | Development Assistance for Health (thousands of 2022 United States Dollars) |
| dah_total_ppp_mean | DAH (2022 PPP) | Development Assistance for Health (thousands of 2022 purchasing power parity dollars) |
| the_per_cap_mean | Total Health Spending per person (2022 USD) | Total Health Spending per person (2022 United States Dollars) |
| the_per_cap_lower | Total Health Spending per person, Lower UI (2022 USD) | Total Health Spending per person, Lower UI (2022 United States Dollars) |
| the_per_cap_upper | Total Health Spending per person, Upper UI (2022 USD) | Total Health Spending per person, Upper UI (2022 United States Dollars) |
| the_per_cap_ppp_mean | Total Health Spending per person (2022 PPP) | Total Health Spending per person (2022 purchasing power parity dollars) |

| Variable | Variable Label | Variable Definition |
|------------------------|---|---|
| the_per_cap_ppp_lower | Total Health Spending per person, Lower UI (2022 PPP) | Total Health Spending per person, Lower UI (2022 purchasing power parity dollars) |
| the_per_cap_ppp_upper | Total Health Spending per person, Upper UI (2022 PPP) | Total Health Spending per person, Upper UI (2022 purchasing power parity dollars) |
| ghes_per_cap_mean | Government Health Spending per person (2022 USD) | Government Health Spending per person (2022 United States Dollars) |
| ghes_per_cap_lower | Government Health Spending per person, Lower UI (2022 USD) | Government Health Spending per person, Lower UI (2022 United States Dollars) |
| ghes_per_cap_upper | Government Health Spending per person, Upper UI (2022 USD) | Government Health Spending per person, Upper UI (2022 United States Dollars) |
| ghes_per_cap_ppp_mean | Government Health Spending per person (2022 PPP) | Government Health Spending per person (2022 purchasing power parity dollars) |
| ghes_per_cap_ppp_lower | Government Health Spending per person, Lower UI (2022 PPP) | Government Health Spending per person, Lower UI (2022 purchasing power parity dollars) |
| ghes_per_cap_ppp_upper | Government Health Spending per person, Upper UI (2022 PPP) | Government Health Spending per person, Upper UI (2022 purchasing power parity dollars) |
| ppp_per_cap_mean | Prepaid Private Health Spending per person (2022 USD) | Prepaid Private Health Spending per person (2022 United States Dollars) |
| ppp_per_cap_lower | Prepaid Private Health Spending per person, Lower UI (2022 USD) | Prepaid Private Health Spending per person, Lower UI (2022 United States Dollars) |
| ppp_per_cap_upper | Prepaid Private Health Spending per person, Upper UI (2022 USD) | Prepaid Private Health Spending per person, Upper UI (2022 United States Dollars) |
| ppp_per_cap_ppp_mean | Prepaid Private Health Spending per person (2022 PPP) | Prepaid Private Health Spending per person (2022 purchasing power parity dollars) |
| ppp_per_cap_ppp_lower | Prepaid Private Health Spending per person, Lower UI (2022 PPP) | Prepaid Private Health Spending per person, Lower UI (2022 purchasing power parity dollars) |
| ppp_per_cap_ppp_upper | Prepaid Private Health Spending per person, Upper UI (2022 PPP) | Prepaid Private Health Spending per person, Upper UI (2022 purchasing power parity dollars) |
| oop_per_cap_mean | Out-of-pocket Health Spending per person (2022 USD) | Out-of-pocket Health Spending per person (2022 United States Dollars) |

| Variable | Variable Label | Variable Definition |
|-----------------------|---|---|
| oop_per_cap_lower | Out-of-pocket Health Spending per person, Lower UI (2022 USD) | Out-of-pocket Health Spending per person, Lower UI (2022 United States Dollars) |
| oop_per_cap_upper | Out-of-pocket Health Spending per person, Upper UI (2022 USD) | Out-of-pocket Health Spending per person, Upper UI (2022 United States Dollars) |
| oop_per_cap_ppp_mean | Out-of-pocket Health Spending per person (2022 PPP) | Out-of-pocket Health Spending per person (2022 purchasing power parity dollars) |
| oop_per_cap_ppp_lower | Out-of-pocket Health Spending per person, Lower UI (2022 PPP) | Out-of-pocket Health Spending per person, Lower UI (2022 purchasing power parity dollars) |
| oop_per_cap_ppp_upper | Out-of-pocket Health Spending per person, Upper UI (2022 PPP) | Out-of-pocket Health Spending per person, Upper UI (2022 purchasing power parity dollars) |
| dah_per_cap_mean | DAH per person (2022 USD) | Development Assistance for Health per person (2022 United States Dollars) |
| dah_per_cap_ppp_mean | DAH per person (2022 PPP) | Development Assistance for Health per person (2022 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 |

| Variable | Variable Label | Variable Definition |
|--------------------|---|---|
| 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 |
| 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 |

| Variable | Variable Label | Variable Definition |
|-------------------|-----------------------|--|
| 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 |
| 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

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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.