

Global Health Expenditure Database, WHO

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Summary

The Global Health Expenditure Database (GHED), maintained by the World Health Organization (WHO), provides country-level data on health financing, health expenditures, demographics, economic conditions, and health for 194 countries and territories since 2000 with open access to the public.

The data are available here: <http://apps.who.int/nha/database>

Table In IFs

We pull three preprocessors from this site: HealthExpGov%Tot, HealthExpPriv%Tot, HealthExpTot%GDP. These tables were updated in April of 2025.

Tables	Definition	Unit	Years	Source	Original Source	Preprocessor	Preprocessor Name	Code	Decimal Points
HealthExpTot%GDP	Current health expenditure (CHE) as percentage of gross domestic product (GDP) (%)	Percent 2000-2023		WHO Global Health Expenditure Database	https://apps.who.int/nha/database/1	HEALTH	che_gdp	2	
HealthExpPriv%Tot	Domestic private health expenditure (PVT-D) as percentage of current health expenditure (CHE) (%)	Percent 2000-2023		WHO Global Health Expenditure Database	https://apps.who.int/nha/database/1	HEALTH	pvt_d_che	2	
HealthExpGov%Tot (GGHE-D)	Domestic General Government Health Expenditure as % Current Health Expenditure (CHE)	Percent 2000-2023		WHO Global Health Expenditure Database	https://apps.who.int/nha/database/1	HEALTH	gghed_che	2	

November 2024 Update:

Created 9 tables:

1. SeriesHealthExpCurrTot%GDP
2. SeriesHealthExpCurrDomPrivate%GDP
3. SeriesHealthExpCurrDomGenGovt%GDP
4. SeriesHealthExpCurrExt%GDP
5. SeriesHealthExpCapTot%GDP
6. SeriesHealthExpCapDomTot%GDP
7. SeriesHealthExpCapExt%GDP
8. SeriesHealthExpCapDomPublic%GDP
9. SeriesHealthExpCapDomPrivate%GDP

As of right now they are not in IFs. They may need to be updated as codes between these and the three processors may be similar.

Data Pulling Instructions

There are two ways you can pull data. The first way is through the Global Health Expenditure Database bulk data download.

Go to <https://apps.who.int/nha/database>Select/Indicators/en>

- 1) Select download all data in XLSX format

2) Search for your indicator in the tab 'Codebook'

A	B	C	D	E	F	G
variable code	variable name	long code (IHD) data ex	category 1	category 2	unit	currency
country	Country name	-	-	-	-	-
code	Country code (ISO-3)	-	-	-	-	-
region	Region (WHO)	-	-	-	-	-
income	Country Income group 2021 (World Bank)	-	-	-	-	-
year	Year	-	-	-	-	-
che_gdp	Current Health Expenditure (CHE) as % Gross Domestic Product (GDP)	CHE_GDP_SHA2011	INDICATORS	AGGREGATES	Percentage	-
che_pc_usd	Current Health Expenditure (CHE) per Capita in US\$	CHE_pc_USD_SHA2011	INDICATORS	AGGREGATES	Ones	US\$
hk_gdp	Health Capital Expenditure (HK) as Gross Domestic Product (GDP)	HK_GHEDGDP	INDICATORS	AGGREGATES	Percentage	-
hk_ext_gdp	Capital Health Expenditure (Domestic Public) as % Gross Domestic Product (GDP)	HK_EXTNGDP	INDICATORS	AGGREGATES	Percentage	-
hk_ext_pc	Capital Health Expenditure (External) as % Gross Domestic Product (GDP)	HK_EXTNCGDP	INDICATORS	AGGREGATES	Percentage	-
che	Current Health Expenditure (CHE)	CHE	INDICATORS	AGGREGATES	Millions	NCU
ghed	Domestic General Government Health Expenditure (GGHE-D)	GGHE-D	INDICATORS	AGGREGATES	Millions	NCU
pvtl	Domestic Private Health Expenditure (PVT-D)	PVT-D	INDICATORS	AGGREGATES	Millions	NCU
ext	External Health Expenditure (EXT)	EXT	INDICATORS	AGGREGATES	Millions	NCU
domcche	Domestic Health Expenditure (DOM) as % of Current Health Expenditure (CHE)	DOMCNECHE_SHA2011	INDICATORS	FINANCING SOURCES	Percentage	-
ghgedcche	Domestic General Government Health Expenditure (GGHE-D) as % Current Health Expenditure (CHE)	GGHE-DNECHE_SHA2011	INDICATORS	FINANCING SOURCES	Percentage	-
pvtlche	Domestic Private Health Expenditure (PVT-D) as % Current Health Expenditure (CHE)	PVT-DNECHE_SHA2011	INDICATORS	FINANCING SOURCES	Percentage	-
oopcche	Out-of-pocket (OOP) as % of Current Health Expenditure (CHE)	OOPSNCHE_SHA2011	INDICATORS	FINANCING SOURCES	Percentage	-
vppcche	Voluntary Prepayments as % of Current Health Expenditure (CHE)	VPPNCHE_SHA2011	INDICATORS	FINANCING SOURCES	Percentage	-
extcche	External Health Expenditure (EXT) as % of Current Health Expenditure (CHE)	EXTNCHE_SHA2011	INDICATORS	FINANCING SOURCES	Percentage	-
ghgedcpc	Domestic General Government Health Expenditure (GGHE-D) as % Gross Domestic Product (GDP)	GGHE-DNGDP_SHA2011	INDICATORS	FINANCING SOURCES	Percentage	-
ghgedcpc	Domestic General Government Health Expenditure (GGHE-D) as % General Government Expenditure (GGE)	GGHE-DNGGE_SHA2011	INDICATORS	FINANCING SOURCES	Percentage	-
ghged_pc_usd	Domestic General Government Health Expenditure (GGHE-D) per Capita in US\$	GGHE-D_pc_USD_SHA2011	INDICATORS	FINANCING SOURCES	Ones	US\$
pvtl_pc_usd	Domestic Private Health Expenditure (PVT-D) per Capita in US\$	PVT-D_pc_USD_SHA2011	INDICATORS	FINANCING SOURCES	Ones	US\$
oop_pc_usd	Out-of-Pocket Expenditure (OOP) per Capita in US\$	OOP_pc_USD_SHA2011	INDICATORS	FINANCING SOURCES	Ones	US\$
ext_pc_usd	External Health Expenditure (EXT) per Capita in US\$	EXT_pc_USD_SHA2011	INDICATORS	FINANCING SOURCES	Ones	US\$
trans_shi	Government Subsidy to Social Health Insurance (TRAN) as % of Social Health Insurance (SHI)	TRANSHI_SHA2011	INDICATORS	FINANCING SOURCES	Percentage	-
shie_shi	Self-Employed Contributions to Social Health Insurance (SHI-SE) as % of Social Health Insurance (SHI)	SHI-SENSEI_SHA2011	INDICATORS	FINANCING SOURCES	Percentage	-
da_che	Compulsory Financing Arrangements (DA) as % of Current Health Expenditure (CHE)	DAFANCHE_SHA2011	INDICATORS	FINANCING SCHEMES	Percentage	-
gf_che	Government Financing Arrangements (GFA) as % of Current Health Expenditure (CHE)	GFANACHE_SHA2011	INDICATORS	FINANCING SCHEMES	Percentage	-
chihche	Compulsory Health Insurance (CHI) as % of Current Health Expenditure (CHE)	CHINCHE_SHA2011	INDICATORS	FINANCING SCHEMES	Percentage	-
shihche	Social Health Insurance (SHI) as % of Current Health Expenditure (CHE)	SHINCHE_SHA2011	INDICATORS	FINANCING SCHEMES	Percentage	-
chih_pvt_che	Compulsory Private Health Insurance (CHI-PVT) as % of Current Health Expenditure (CHE)	CHI_PVTNCHI_SHA2011	INDICATORS	FINANCING SCHEMES	Percentage	-
vfa_che	Voluntary Financing Arrangements (VFA) as % of Current Health Expenditure (CHE)	VFAVNCHE_SHA2011	INDICATORS	FINANCING SCHEMES	Percentage	-
vhi_che	Voluntary Health Insurance (VHI) as % of Current Health Expenditure (CHE)	VHINCHE_SHA2011	INDICATORS	FINANCING SCHEMES	Percentage	-
rowcche	Rest of the World (ROW) as % of Current Health Expenditure (CHE)	ROWNCHE_SHA2011	INDICATORS	FINANCING SCHEMES	Percentage	-
phc_pc_usd	Primary Health Care (PHC) Expenditure per Capita in US\$	PHC_pc_USD	INDICATORS	PRIMARY HEALTH CARE	Ones	US\$
phc_pc	Primary Health Care (PHC) Expenditure as % Current Health Expenditure (CHE)	PHC	INDICATORS	PRIMARY HEALTH CARE	Percentage	-
phc_gphed_pc_usd	Domestic General Government Expenditure on PHC per Capita in US\$	GGHE-D_phc_pc_USD	INDICATORS	PRIMARY HEALTH CARE	Ones	US\$
ghged_phc_gaked	Domestic General Government Expenditure on PHC as % GGHE-D	GGHE-D_phc_gaked	INDICATORS	PRIMARY HEALTH CARE	Percentage	-
ghged_phc_pc	Domestic General Government Expenditure on PHC as % PHC	GGHE-D_phc_pc	INDICATORS	PRIMARY HEALTH CARE	Percentage	-
phc_pc_usd_pc	Domestic General Government Expenditure on PHC per Capita in US\$	PVT_pc_pc_USD	INDICATORS	PRIMARY HEALTH CARE	Ones	US\$

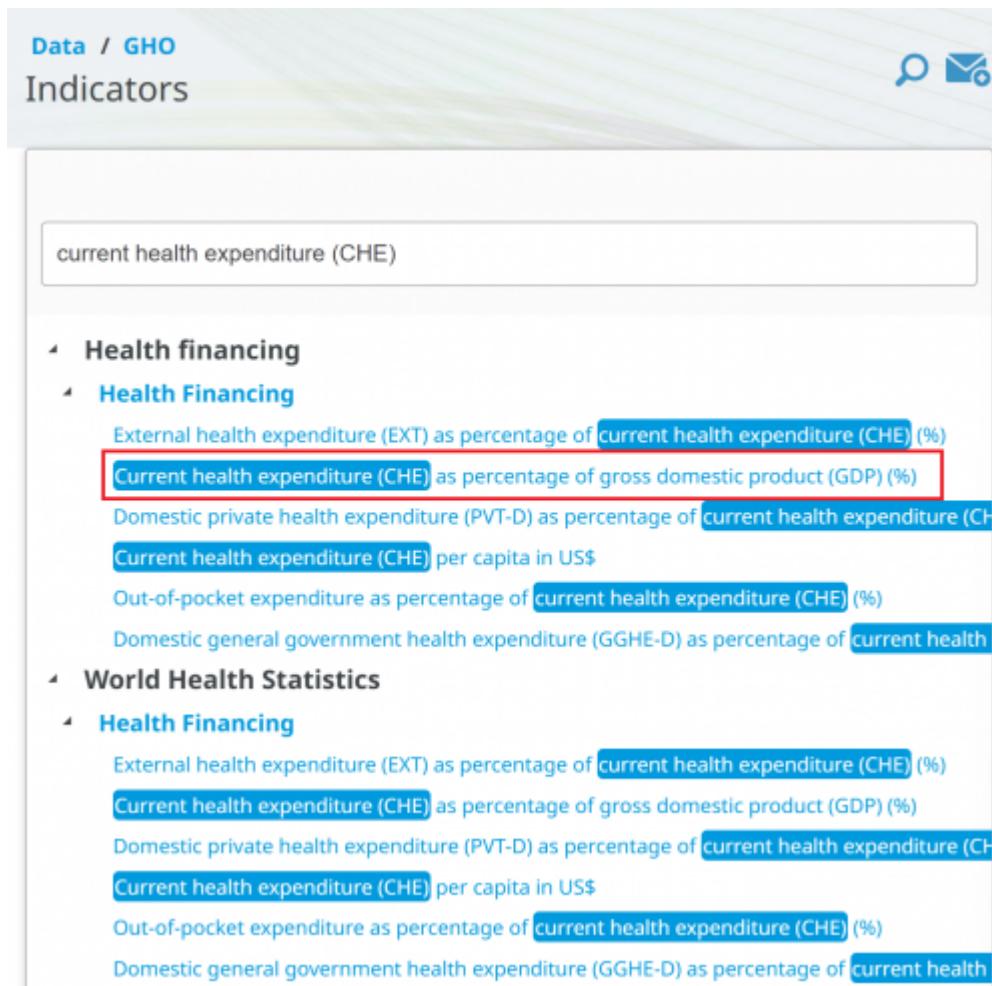
3) The variable code is the first column, use this code to found your data in the tab 'Data'. For example the code 'che_gdp' refers to Current Health Expenditure (CHE) as % Gross Domestic Product (GDP)

Please do not pull the data through their interface as that data is not accurate. The bulk data will be the most accurate data.

The second way is to use GHO indicators page

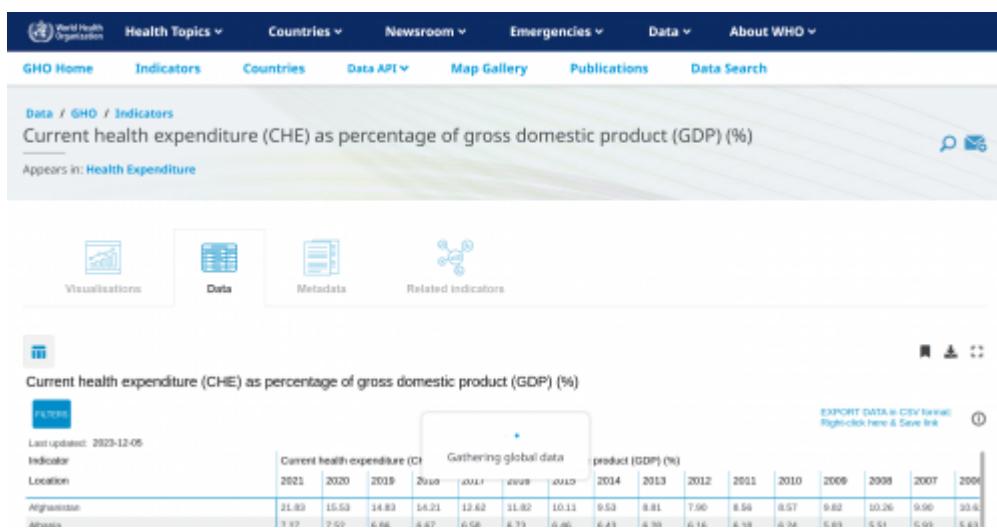
Go to: <https://www.who.int/data/gho/data/indicators>

1) Search your indicator. It is very case sensitive.



The screenshot shows the WHO GHO Indicators search results for the indicator 'current health expenditure (CHE)'. The search bar at the top contains the text 'current health expenditure (CHE)'. The results are categorized under 'Health financing' and 'World Health Statistics'. Under 'Health financing', the following indicators are listed: 'External health expenditure (EXT) as percentage of current health expenditure (CHE) (%)', 'Current health expenditure (CHE) as percentage of gross domestic product (GDP) (%)' (which is highlighted with a red box), 'Domestic private health expenditure (PVT-D) as percentage of current health expenditure (CHE) (%)', 'Current health expenditure (CHE) per capita in US\$', 'Out-of-pocket expenditure as percentage of current health expenditure (CHE) (%)', and 'Domestic general government health expenditure (GGHE-D) as percentage of current health expenditure (CHE) (%)'. Under 'World Health Statistics', the same set of indicators is listed again. The 'Current health expenditure (CHE) as percentage of gross domestic product (GDP) (%)' indicator is also highlighted with a red box in this section.

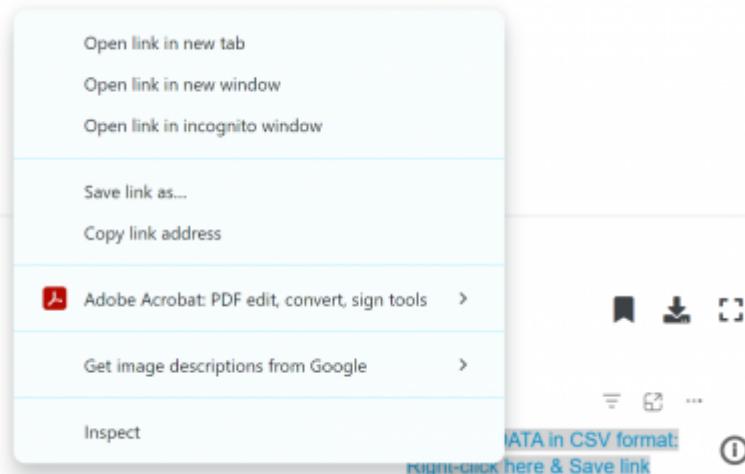
2) The excel file you need will be in the tab Data



The screenshot shows the WHO GHO Indicators page for the indicator 'Current health expenditure (CHE) as percentage of gross domestic product (GDP) (%)'. The top navigation bar includes links for Health Topics, Countries, Newsroom, Emergencies, Data, and About WHO. Below the navigation is a secondary menu with links for GHO Home, Indicators, Countries, Data API, Map Gallery, Publications, and Data Search. The main content area shows the indicator name and a link to its page. Below this are buttons for Visualizations, Data, Metadata, and Related Indicators. The data table below shows the indicator's value over time for Afghanistan and Armenia. A 'FILTERS' button is on the left, and an 'EXPORT DATA in CSV format' link is on the right.

Indicator	2023	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
Afghanistan	21.83	15.53	14.83	16.21	12.62	11.82	10.11	9.53	8.81	7.96	8.56	8.57	8.82	10.26	9.90	10.4
Armenia	3.93	2.62	2.66	2.67	2.68	2.71	2.66	2.43	2.36	2.14	2.18	2.34	2.63	2.64	2.65	2.63

3) On the right side there will be the link that states EXPORT DATA in CSV. Right click on that link and save the link. You will get the csv excel file doing this.



Data Notes

- WDI Revision states that indicators SH.XPD.TOTL.ZS Health expenditure, total (% of GDP) and SH.XPD.PRIV.ZS Health expenditure, private (% of GDP) have been deleted in April of 2018.
- To replace these we pulled Current health expenditure (CHE) as percentage of gross domestic product (GDP) (%) for HealthExpTot%GDP and Domestic private health expenditure (PVT-D) as percentage of current health expenditure (CHE) (%) for HealthExpPriv%Tot
- *The aggregation rule for these three series is set to "none" which creates issues when viewing historical data.*

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"https://pardeewiki.du.edu/index.php?title=Global_Health_Expenditure_Database,_WHO&oldid=12774"

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