

Household Energy Database

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Summary

The Household Energy Database monitors household energy use. The database contains nationally representative data from surveys and censuses on cooking, heating and lighting fuels. A proportion of the available surveys also include questions on stove type, time spent collecting fuel, and incidence of acute lower respiratory infection. The database is used to calculate national, rural and urban estimates for use of clean fuels and technologies (as well as the population affected), which WHO reports for Sustainable Development Goal Indicator 7.1.2. The database is regularly updated with new data from national censuses and large-scale household surveys such as the World Bank's Living Standard and Measurement Survey and UNICEF's Multiple Cluster Indicator Survey (MICS). The database is currently being upgraded in association with international and national surveys and censuses to include more data on heating and lighting fuels and technologies and emission rates, and to disaggregate data by sex and age whenever possible.

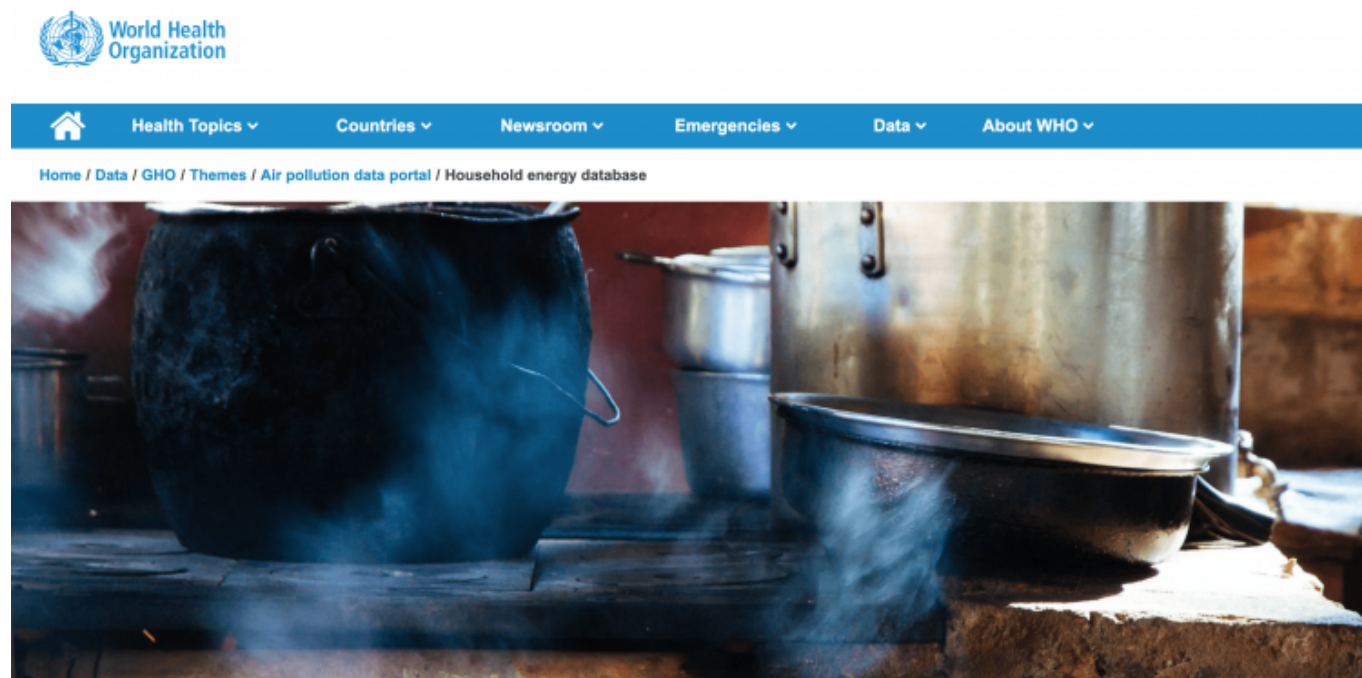
The Data Team uses the Household Energy Database for these series:

- **SeriesEnvSolidFuels**
- **SeriesEnvCookingFuelBiogas%HHTotal**
- **SeriesEnvCookingFuelBiomass%HHTotal**
- **SeriesEnvCookingFuelCharcoal%HHTotal**
- **SeriesEnvCookingFuelClean%HHTotal**
- **SeriesEnvCookingFuelCoal%HHTotal**
- **SeriesEnvCookingFuelCropWaste%HHTotal**
- **SeriesEnvCookingFuelDung%HHTotal**
- **SeriesEnvCookingFuelElec%HHTotal**
- **SeriesEnvCookingFuelKerosene%HHTotal**
- **SeriesEnvCookingFuelLNG%HHTotal**
- **SeriesEnvCookingFuelLPG%HHTotal**
- **SeriesEnvCookingFuelSolid%HHTotal**
- **SeriesEnvCookingFuelWood%HHTotal**

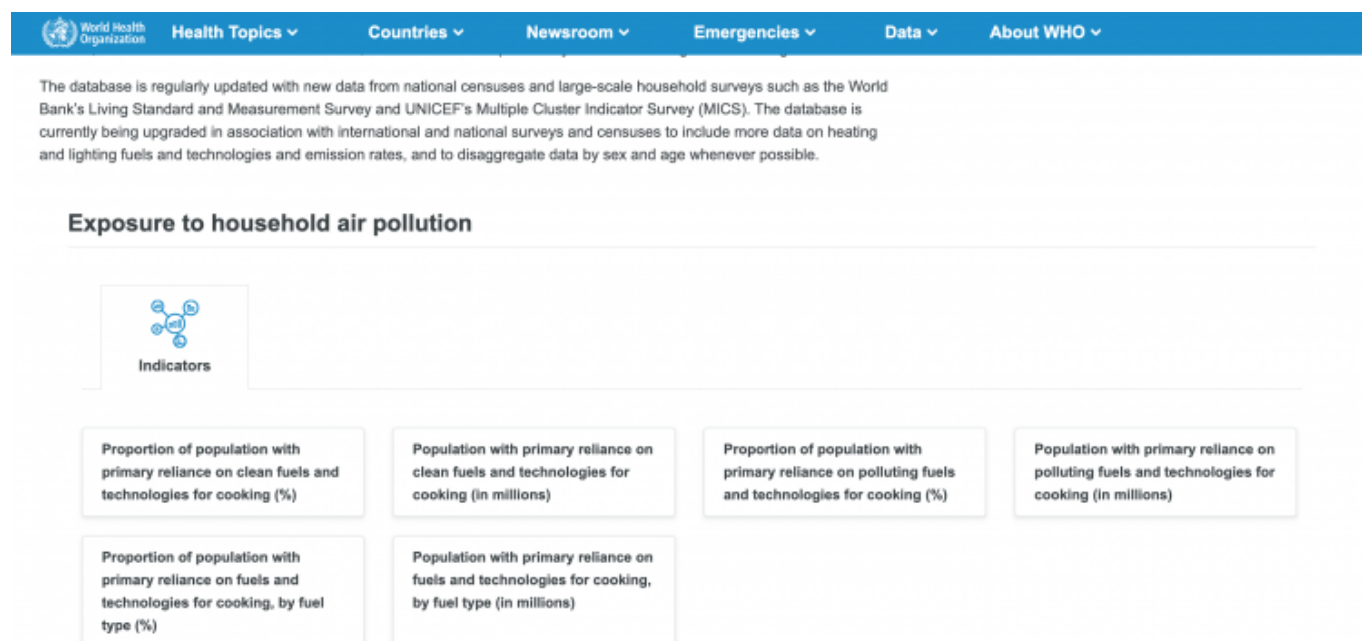
To pull data from the Household Energy Database for uploading into IFs, please follow the instructions below.

Steps to Pull Data From the Household Energy Database

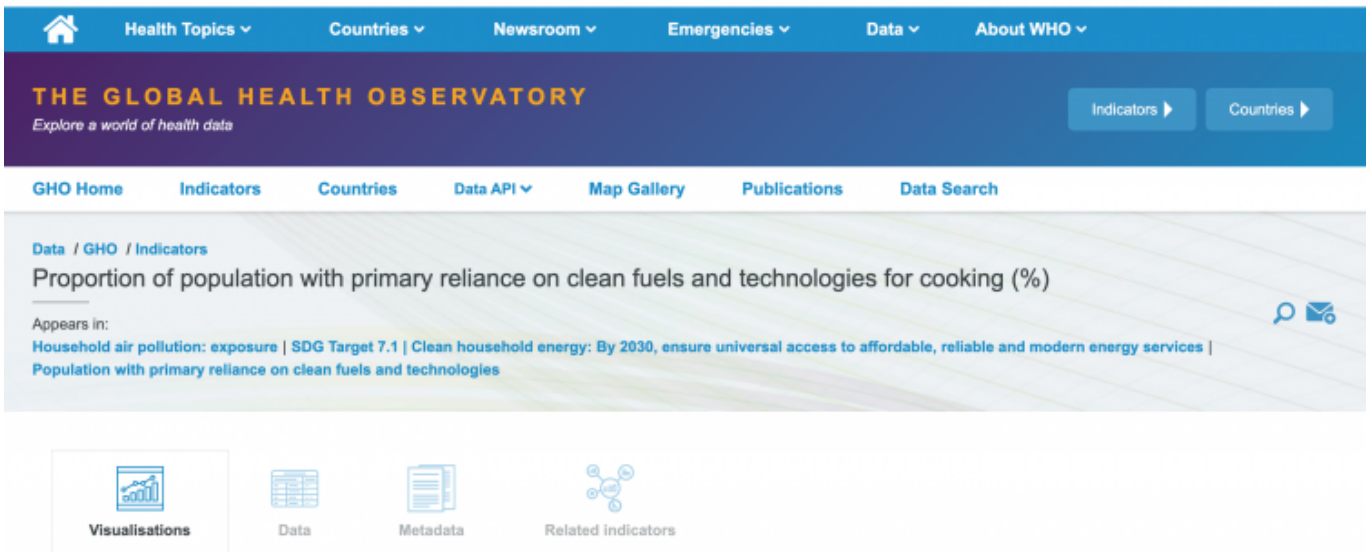
Step 1: Navigate to the Household Energy Database home page



Step 2: Scroll down to the indicators section and click the desired indicator. As an example, we will be looking for **population with primary reliance on clean fuels and technologies for cooking**.

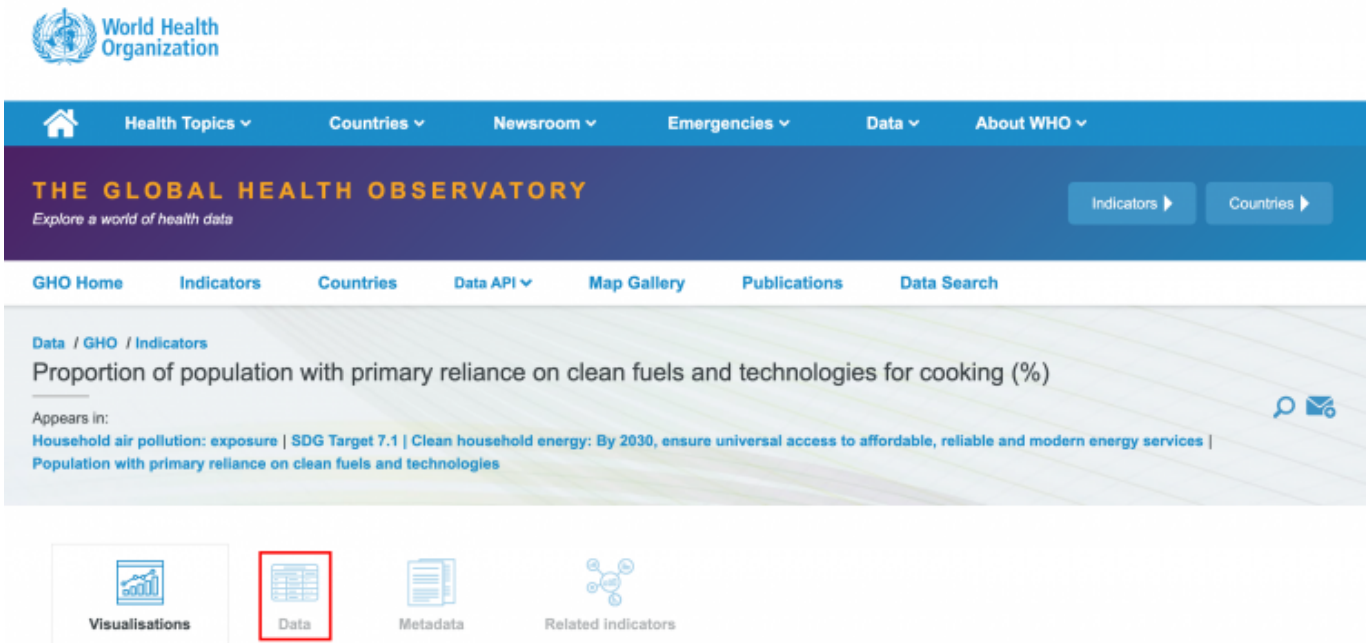


You will be navigated here:



The screenshot shows the WHO Global Health Observatory website. The top navigation bar includes links for Home, Health Topics, Countries, Newsroom, Emergencies, Data, and About WHO. Below this is a dark blue banner with the text 'THE GLOBAL HEALTH OBSERVATORY' and 'Explore a world of health data'. A secondary navigation bar contains links for GHO Home, Indicators, Countries, Data API, Map Gallery, Publications, and Data Search. The main content area displays the indicator title 'Proportion of population with primary reliance on clean fuels and technologies for cooking (%)' and its context. At the bottom, a horizontal menu offers options: Visualisations, Data (highlighted with a red box), Metadata, and Related indicators.

Step 3: Click the tab titled "Data"



This screenshot is identical to the one above, but with a red rectangular box highlighting the 'Data' tab in the bottom navigation menu. The rest of the page content, including the WHO logo, navigation bars, and indicator title, remains the same.

You will be navigated to this view:

EXPORT DATA in CSV format: Right-click here & Save link

Last updated: 2022-08-25

Indicator	Proportion of population with primary reliance on clean fuels and technologies for cooking (%)						2018	Location
	2020		2019		2018			
Period	Total	Urban	Rural	Total	Urban	Rural	Total	
Alghanistan	33.2 [19.2 – 50.3]	82.6 [62.4 – 95.4]	15.9 [5.7 – 30.7]	31.9 [17.8 – 48.3]	82.3 [63.2 – 95.1]	15.1 [5.5 – 28.8]	30.9 [17.5 – 46.5]	8
Albania	81.3 [60.6 – 94.8]	92.9 [73 – 99.8]	64.6 [31.5 – 89.9]	80.7 [60.5 – 94.3]	92.3 [73.1 – 99.6]	63.25 [31.2 – 88.2]	79.8 [60.4 – 93.3]	9
Algeria	99.7 [94.7 – 100]	99.9 [95 – 100]	98.8 [89.1 – 100]	99.7 [94.2 – 100]	100 [94.9 – 100]	98.7 [89 – 100]	99.6 [94.5 – 100]	1
Andorra	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	1
Angola	50.2 [30.2 – 68.4]	77.6 [52.8 – 93.2]	8.3 [1.2 – 23.9]	49.5 [31.4 – 67.7]	77.9 [55.1 – 92.8]	8.2 [1.4 – 21.4]	49.1 [31.3 – 66.9]	7
Antigua and Barbuda	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	1
Argentina	99.9 [95.1 – 100]	99.9 [95.8 – 100]	97.2 [74.8 – 100]	99.9 [94.4 – 100]	99.9 [95.9 – 100]	97 [74.6 – 100]	99.8 [95 – 100]	9
Armenia	98.1 [86.6 – 100]	99.7 [91 – 100]	95.8 [74.7 – 100]	98 [87 – 100]	99.6 [91.7 – 100]	95.7 [74 – 100]	98 [87 – 100]	9
Australia	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	1
Austria	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	1

Step 4: Right click the link in the corner of the page (circled below) and open the link as a new tab to download the data in a .csv format

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Last updated: 2022-08-25

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	2020		2019		2018			
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Australia	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	1
Austria	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	100 [100 – 100]	1

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