

FAOSTAT Food Security

The printable version is no longer supported and may have rendering errors. Please update your browser bookmarks and please use the default browser print function instead.

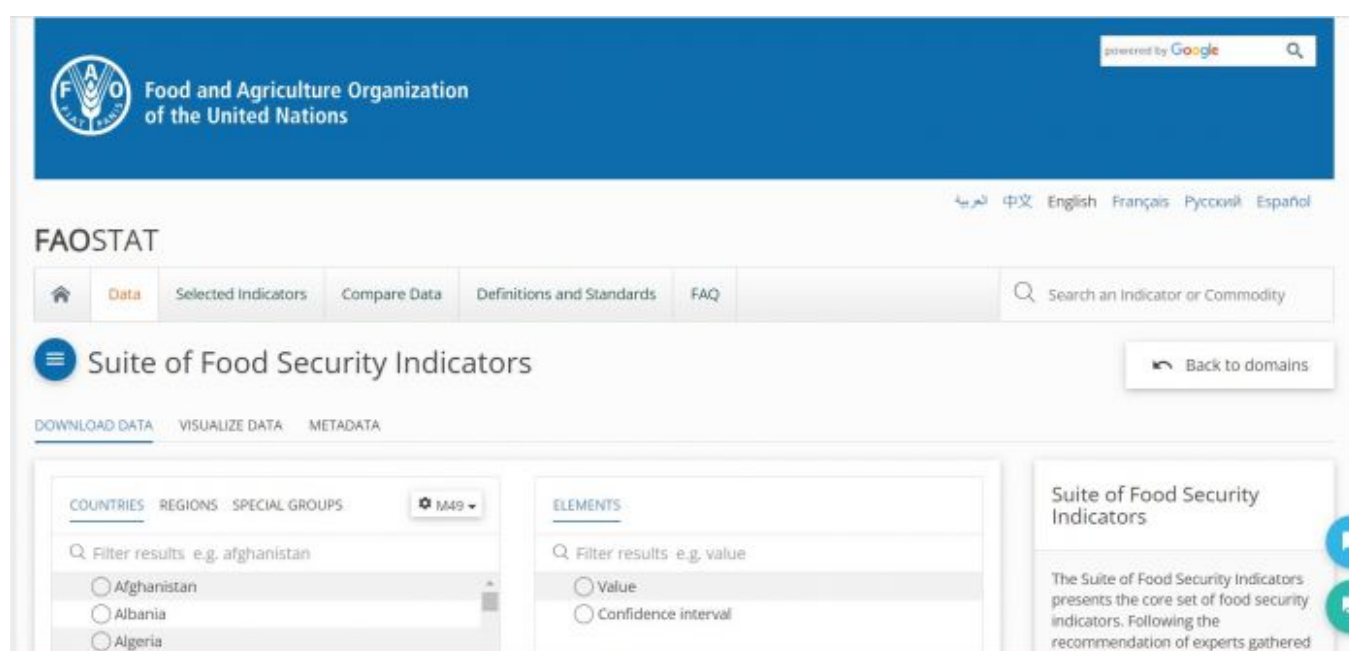
Summary

FAOSTAT gives users access to food and agriculture data for over 245 countries and territories. Additionally, it covers all FAO regional groupings from 1961 to the most recent year available. The Suite of Food Security Indicators presents the core set of food security indicators. The choice of the indicators has been informed by expert judgment and the availability of data with sufficient coverage to enable comparisons across regions and over time. Many of these indicators are produced and published elsewhere by FAO and other international organizations. More indicators will be added to as more data will become available. Indicators are classified along the four dimensions of food security -- availability, access, utilization and stability.

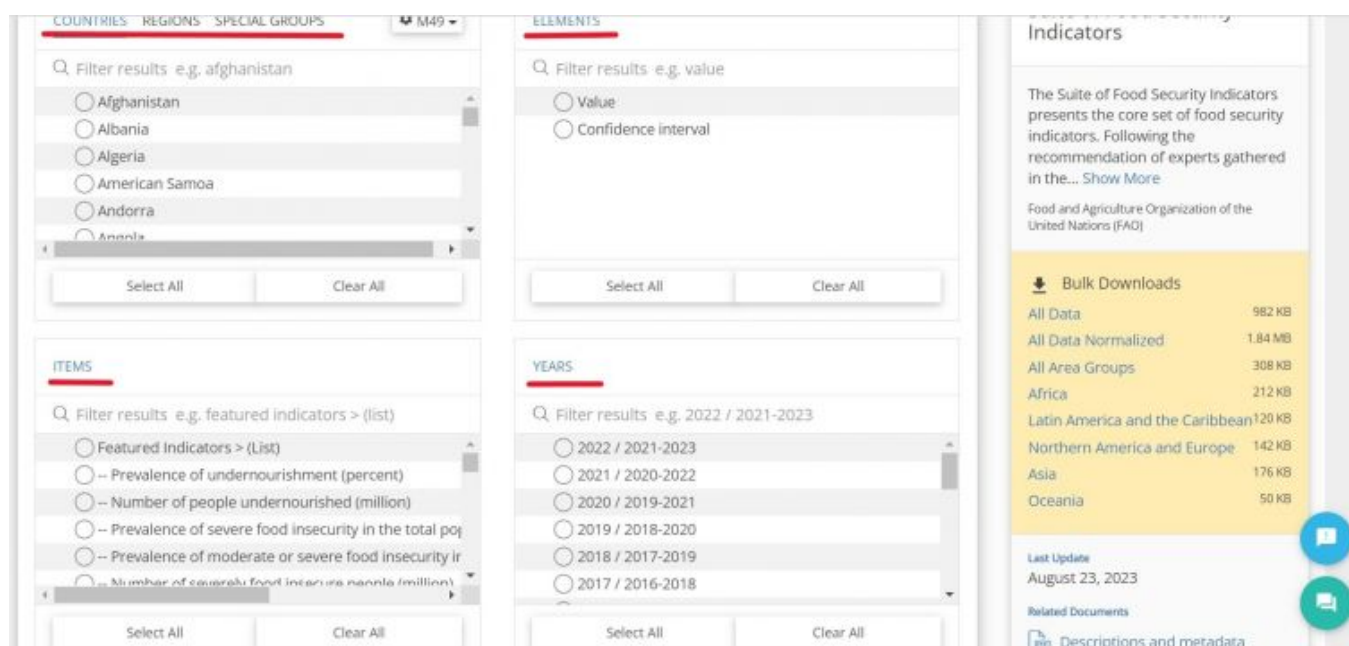
The data team uses food security indicators for many series, including those related to hunger/malnutrition such as SeriesMalnDietEnSup, SeriesMalnPop%, SeriesMalnCaloricDistribution, SeriesMalnMinNutrRequired. To pull data, follow the instructions below.

FAO Food Security Pulling Steps

Step 1. Navigate to FAOSTAT Food Security site. This site will display a suite of food security indicators.

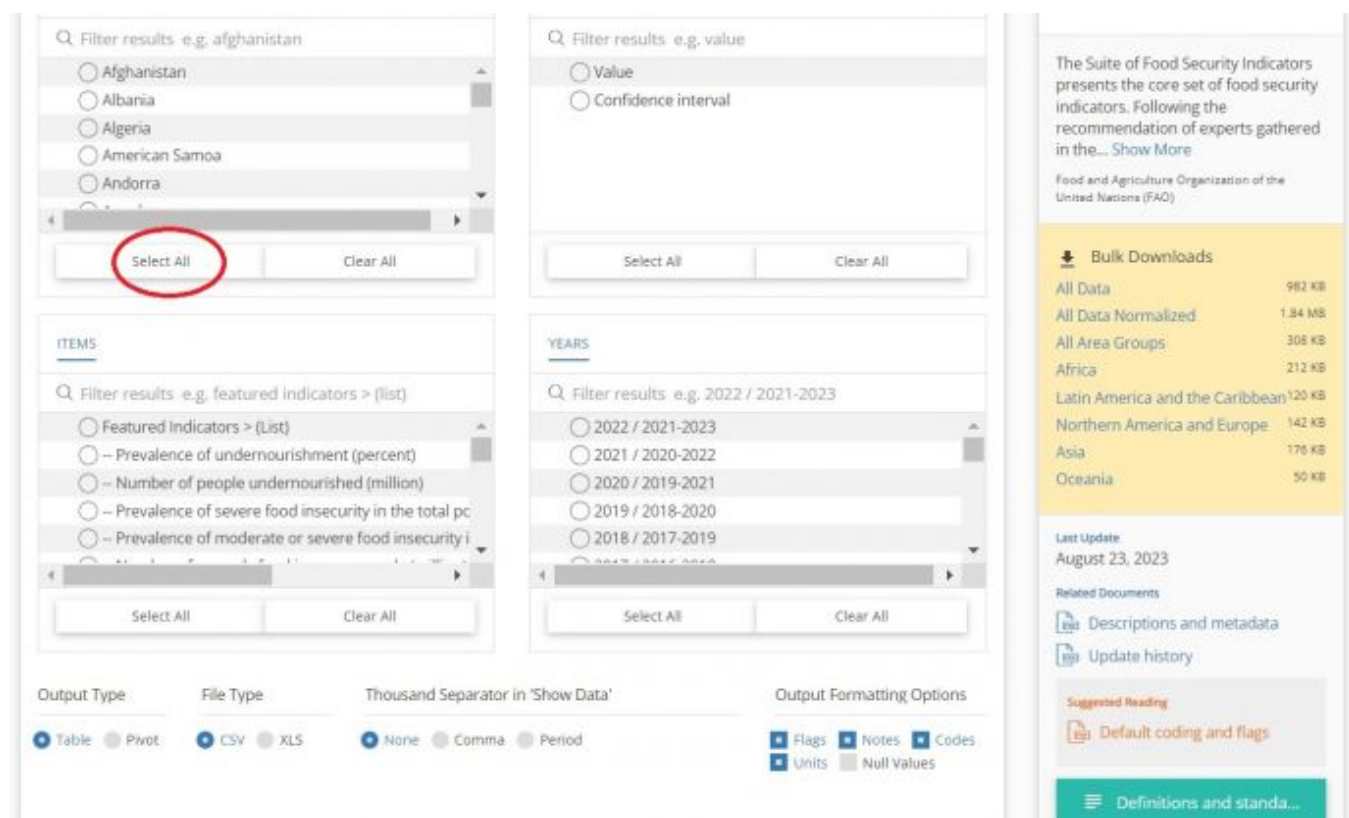


Step 2. The page displays four options that must be selected to download data: Countries/Regions/Special Groups, Elements, Years, and Items. For all these options, you can also type in a search box.



FAO Data Selections

Step 3. For **“Countries”** options, you will generally want to select **“Select All”** to capture all country data.



Country Selection

Step 4. For the **“Elements”** options you will most likely want to select **“Value”**, depending

on the desired dataset.

The screenshot displays the FAO data selection interface. It features four filter panels: 'Geography' (listing countries like Afghanistan, Albania, Algeria, American Samoa, Andorra), 'Items' (listing indicators like 'Prevalence of undernourishment'), 'Years' (listing year ranges like '2022 / 2021-2023'), and 'Value' (listing 'Value' and 'Confidence interval'). The 'Value' radio button is circled in red. Below the filters are options for 'Output Type' (Table, Pivot), 'File Type' (CSV, XLS), 'Thousand Separator in 'Show Data'' (None, Comma, Period), and 'Output Formatting Options' (Flags, Notes, Codes, Units, Null Values). On the right, there is a sidebar with 'Bulk Downloads' (listing file sizes for various data sets), 'Last Update' (August 23, 2023), and 'Related Documents' (Descriptions and metadata, Update history).

Elements Selection

Step 5. For “Years”, you will generally want to select “**Select All**” to capture all years of data available.

This screenshot is identical to the previous one, but with the 'Select All' button in the 'YEARS' filter panel circled in red, indicating the selection of all available years.

Years Selection

Step 6. For **“Items”**, select the desired indicator. You can also type in the search box for the indicator. This example will use **“Prevalence of undernourishment (percent)”**.

The screenshot displays the FAO data selection interface. It is divided into several sections:

- Geography:** A list of countries with radio buttons for selection. A "Select All" and "Clear All" button are at the bottom.
- ITEMS:** A search box with the text "Filter results e.g. featured indicators > (list)". A red arrow points to the search box. Below it is a list of indicators with radio buttons. The indicator "Prevalence of undernourishment (percent)" is selected.
- YEARS:** A search box with the text "Filter results e.g. 2022 / 2021-2023". Below it is a list of year ranges with radio buttons. The range "2022 / 2021-2023" is selected.
- Output Options:** A section with four sub-sections: "Output Type" (Table selected, Pivot unselected), "File Type" (CSV selected, XLS unselected), "Thousand Separator in 'Show Data'" (None selected, Comma and Period unselected), and "Output Formatting Options" (Flags, Notes, Codes, Units, and Null Values all selected).
- Right Panel:** Contains introductory text about the Suite of Food Security Indicators, a "Bulk Downloads" table, "Last Update" (August 23, 2023), "Related Documents" (Descriptions and metadata, Update history), and "Suggested Reading" (Default coding and flags).

Items Selection

Step 7. After selecting for these for options, the page will display the completed selections.

The screenshot displays the FAO data selection interface with completed selections. The interface is similar to the previous screenshot but with the following changes:

- Geography:** All countries in the list are now selected, indicated by checked radio buttons. The selected countries are displayed as tags below the list: Afghanistan, Albania, Algeria, American Samoa, Andorra, Angola, Antigua and Barbuda, Argentina, Armenia, Australia, Austria, Azerbaijan, and Bahamas.
- ITEMS:** The indicator "Prevalence of undernourishment (percent)" is selected, and its name is shown as a tag below the list.
- YEARS:** The year range "2022 / 2021-2023" is selected, and its name is shown as a tag below the list.
- Output Options:** The same output options as in the previous screenshot are shown.
- Right Panel:** The same right panel as in the previous screenshot is shown.

Completed Selections

Step 8. Scroll down below the options. You also have options to select the “Output Type”, “File Type”, and “Thousand Separator in ‘Show Data’”. It’s recommended to select “**Pivot**” under “**Output Type**” to have easier data cleaning.

Show Data

			2000-2002 [20002002]				2001-2003 [20012003]				2002-2004 [20022004]				
			Unit	Value	Flag Description	Note	Unit	Value	Flag Description	Note	Unit	Value	Flag Description		
<input type="checkbox"/>	Afghanistan [004]	Value [6121]		Prevalence of undernourishment (percent) (3-year average) [210041]	%	46.4	Estimated value [E]		%	44.1	Estimated value [E]		%	39	Estimated value [E]
<input type="checkbox"/>	Albania [008]	Value [6121]		Prevalence of undernourishment (percent) (3-year average) [210041]	%	4.9	Estimated value [E]		%	6	Estimated value [E]		%	7.4	Estimated value [E]

Additional Data Options

Step 9. You may select “**Show Data**” to look at the data before downloading. This option will populate data at the bottom of the page.

Step 10. Click “**Download Data**”. Either an Excel or CSV sheet will download. Now you can format the data to upload it into IFs. To import data into IFs, please follow the instructions found in the Importing Data (general instructions) page.


Output Type: Table Pivot

File Type: CSV XLS

Thousand Separator in 'Show Data': None Comma Period

Output Formatting Options: Flags Notes Codes Units Null Values

Statistical Database Terms of Use: CC BY NC SA

Show Data 

			2000-2002 [20002002]				2001-2003 [20012003]				2002-2004 [20022004]			
			Unit	Value	Flag Description	Note	Unit	Value	Flag Description	Note	Unit	Value	Flag Description	
<input type="checkbox"/>	Afghanistan [004]	<input type="checkbox"/> Value [6121]		Prevalence of undernourishment (percent) (3-year average) [210041]	%	46.4	Estimated value [E]		%	44.1	Estimated value [E]	%	39	Estimated value [E]
<input type="checkbox"/>	Albania [008]	<input type="checkbox"/> Value [6121]		Prevalence of undernourishment (percent) (3-year average) [210041]	%	4.9	Estimated value [E]		%	6	Estimated value [E]	%	7.4	Estimated value [E]

Show and Download Data

Note:

- **Any data values that include a symbol (ie. <2.5 for Algeria 2018-2022) need to be changed to NULL.**
- **For the table MalnMinNutrRequired, we need to make sure Sahrawi has values (use Mali as a proxy). So, only Kosovo is allowed to have nulls.**

Retrieved from "https://pardeewiki.du.edu//index.php?title=FAOSTAT_Food_Security&oldid=11844"

This page was last edited on 8 October 2024, at 19:35.