

FAOSTAT Food Security and Nutrition

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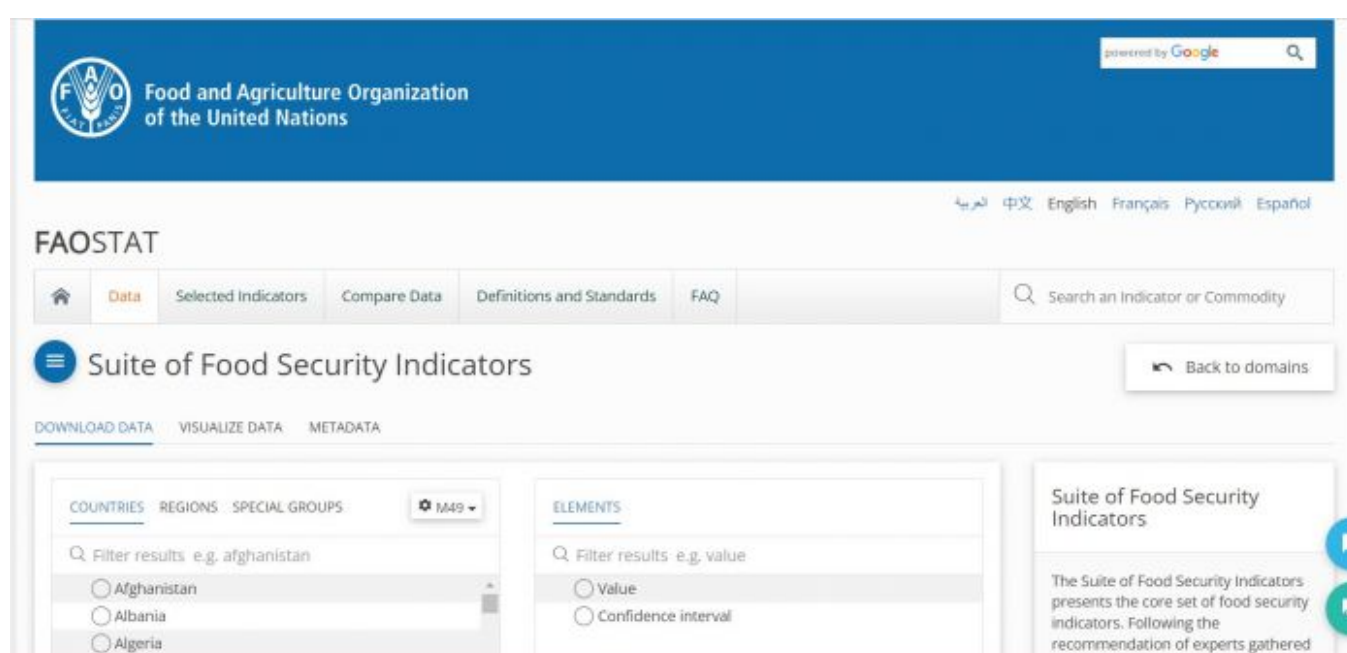
Summary

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

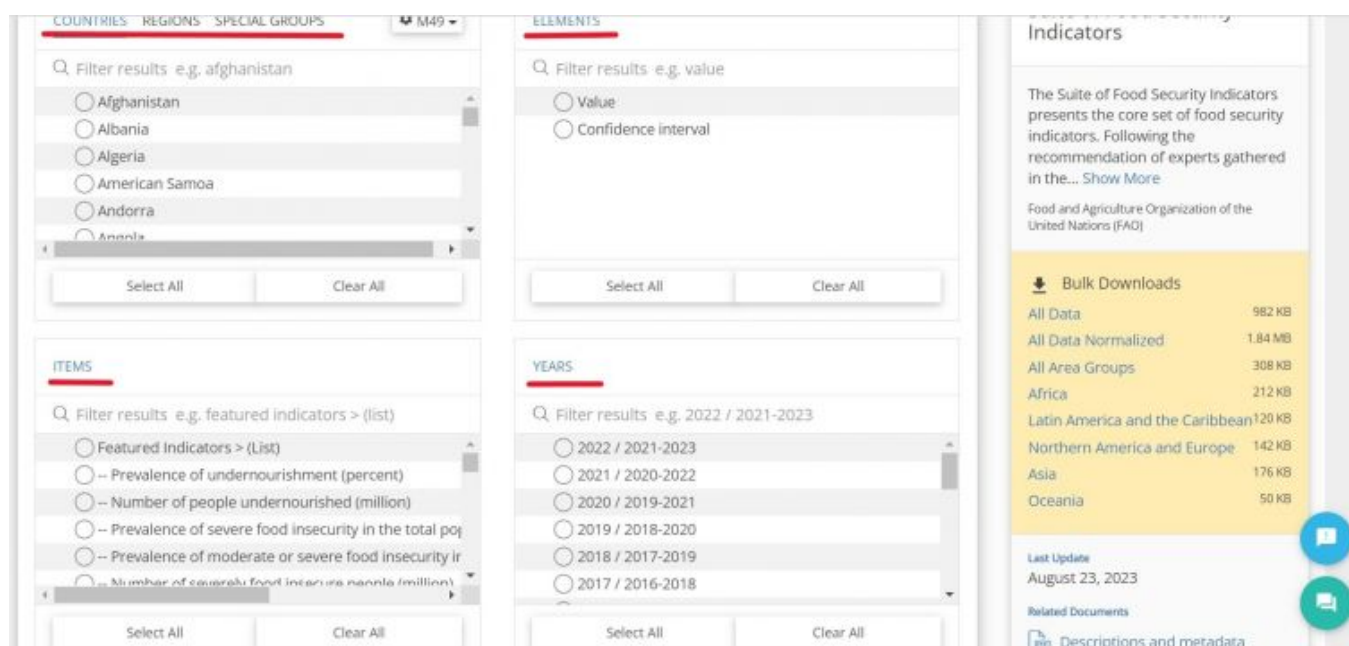
Step 1. Navigate to FAOSTAT Food Security site. This site will display a suite of food security indicators.



The screenshot shows the FAOSTAT Suite of Food Security Indicators homepage. The header features the FAO logo and the text "Food and Agriculture Organization of the United Nations". A search bar is located in the top right corner. Below the header, there are navigation tabs: "Data", "Selected Indicators", "Compare Data", "Definitions and Standards", and "FAQ". A search bar for indicators or commodities is also present. The main content area is titled "Suite of Food Security Indicators" and includes a "Back to domains" button. Below this, there are three main sections: "COUNTRIES", "ELEMENTS", and "Suite of Food Security Indicators". The "COUNTRIES" section has a search bar and a list of countries including Afghanistan, Albania, and Algeria. The "ELEMENTS" section has a search bar and a list of elements including Value and Confidence interval. The "Suite of Food Security Indicators" section contains a brief description of the suite.

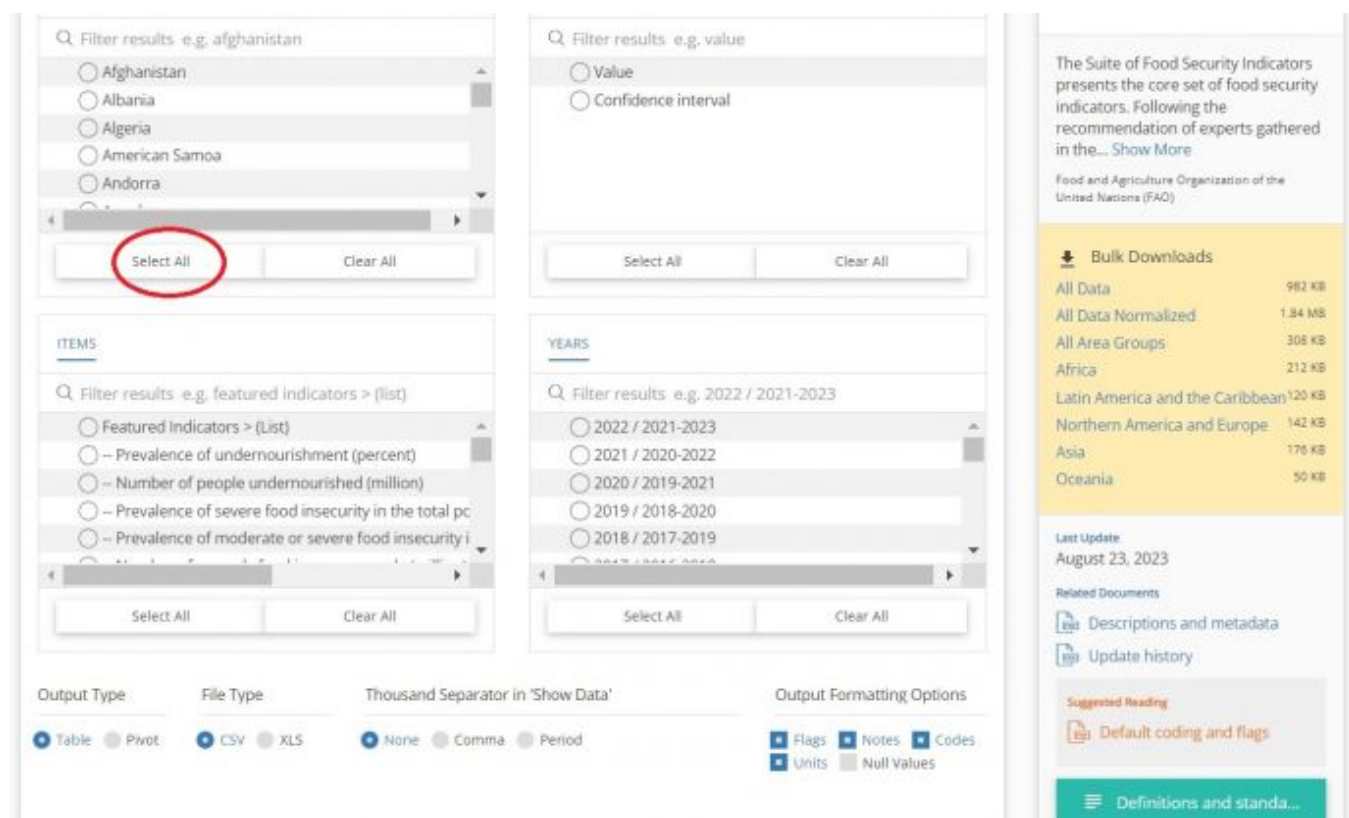
FAO Food Security Homepage

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 shows the FAO data selection interface. It features four filter panels: 'Geography' (listing countries like Afghanistan, Albania, Algeria, etc.), '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' (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 the 'Select All' button in the 'YEARS' filter panel is 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 shows the FAO data selection interface. It is divided into several sections:

- Geography:** A list of countries with radio buttons for selection. A search box above it contains "Filter results e.g. afghanistan".
- ITEMS:** A list of indicators with radio buttons. A search box above it contains "Filter results e.g. featured indicators > (list)". A red arrow points to the "Prevalence of undernourishment (percent)" indicator.
- YEARS:** A list of year ranges with radio buttons. A search box above it contains "Filter results e.g. 2022 / 2021-2023".
- Output Options:**
 - Output Type:** Radio buttons for Table (selected), Pivot.
 - File Type:** Radio buttons for CSV (selected), XLS.
 - Thousand Separator in 'Show Data':** Radio buttons for None (selected), Comma, Period.
 - Output Formatting Options:** Checkboxes for Flags, Notes, Codes, Units, Null Values.
- Right Panel:** Information about the Suite of Food Security Indicators, including a "Bulk Downloads" table and "Last Update" information.

Items Selection

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

The screenshot shows the FAO data selection interface with completed selections. The interface is similar to Step 6, but with the following changes:

- Geography:** Multiple countries are selected, indicated by checked radio buttons and "x" marks in the list below the filter box.
- ITEMS:** The "Prevalence of undernourishment (percent)" indicator is selected, indicated by a checked radio button and an "x" mark in the list below the filter box.
- YEARS:** Multiple year ranges are selected, indicated by checked radio buttons and "x" marks in the list below the filter box.

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:

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	Note
			<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]		%
<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.**

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