



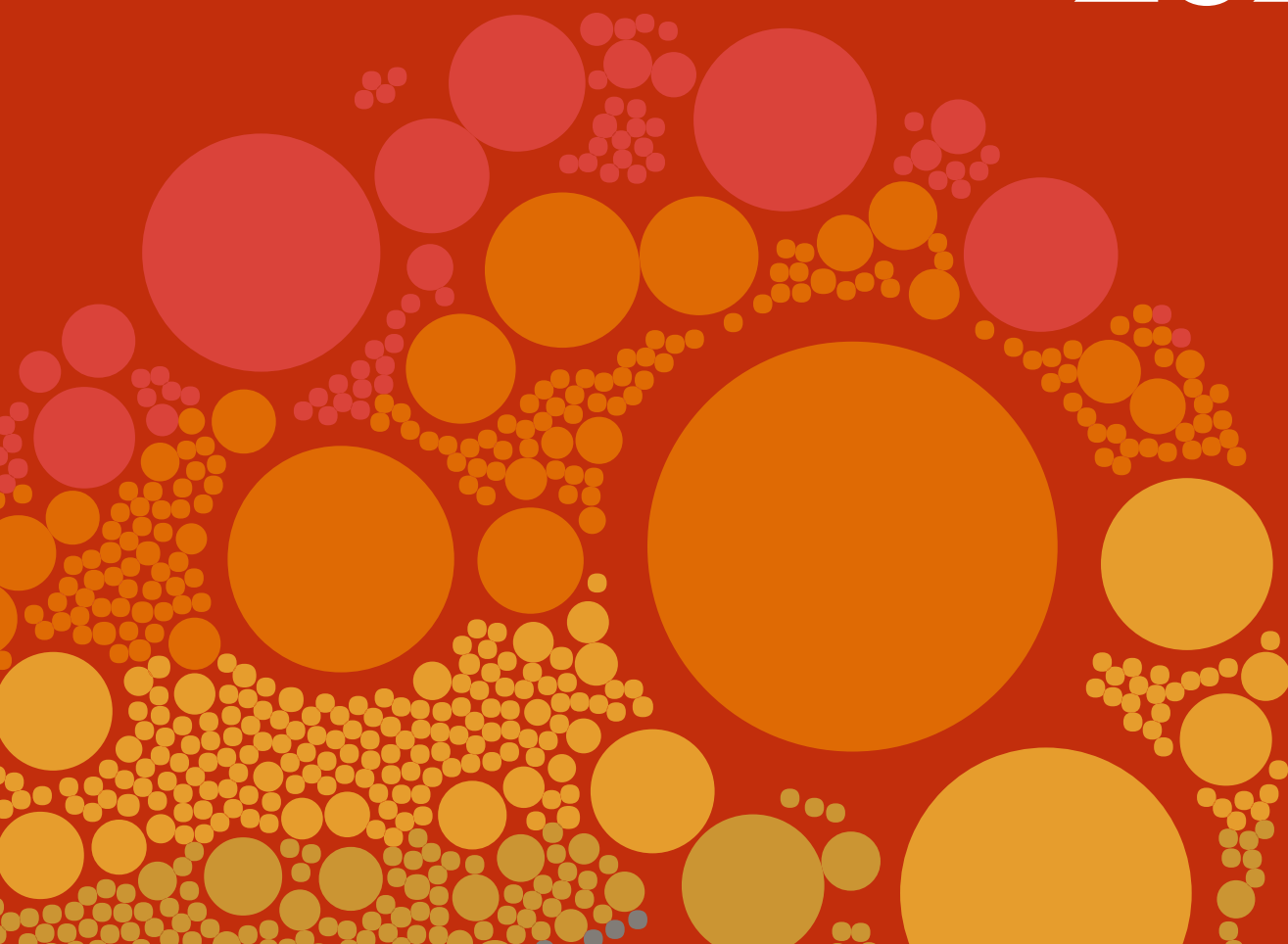
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WORLD FOOD AND AGRICULTURE
2025



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AND **WORLD FOOD AGRICULTURE**

STATISTICAL YEARBOOK
2025

Food and Agriculture Organization of the United Nations
Rome, 2025

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FOREWORD

Timely, accurate and high-quality data and statistics are the cornerstone of solid policy design, where decisions are based on hard evidence, and monitoring and evaluation rely on strong statistical systems. This has become all the more critical as governments around the world commit to major sectoral and national development plans, as well as regional and global development agendas.

Statistical work has been at the core of the activities and mandate of the Food and Agriculture Organization of the United Nations (FAO) since the Organization was founded in 1945, supporting its Members in eliminating hunger, improving nutrition, eradicating rural poverty, and promoting inclusive and efficient agrifood systems. This year marks the eightieth anniversary of FAO, representing 80 years of statistical activity. Over this period, FAO has positioned itself as a leading provider of internationally comparable data on food, nutrition and agriculture, which are gathered from national statistical offices and from FAO's network of partner agencies and harmonized to paint a global picture. The most important FAO statistics are summarized in this Statistical Yearbook.

The Statistical Yearbook is a primary tool and indispensable reference for policymakers, researchers and analysts, as well as for any person interested in the past, present and future paths of food and agriculture. Drawing on the wealth of information that FAO statisticians produce across the Organization, this publication offers a synthesis of the major factors at play in the global food and agriculture landscape. Statistics are presented in four thematic chapters that cover the economic importance of agricultural activities; inputs, outputs and factors of production; implications for food security and nutrition; and agriculture's impacts on the environment. The digital version of the yearbook presents the data in an interactive way, which facilitates the visualization of figures and tables and their reuse.

As we celebrate eight decades of statistical achievements, special attention is given to the centennial of the first World Programme for the Census of Agriculture guidelines, as countries prepare their next agricultural census. Improved data on forestry products trade, with the addition of processed wood and paper products, are also featured. Finally, the prevalence of minimum dietary diversity, a new indicator for monitoring progress towards Target 2.2 of the Sustainable Development Goals – End all forms of malnutrition – is showcased.

This Statistical Yearbook is only one of a series of tools and statistical publications that FAO provides to users. The freely accessible FAOSTAT data platform contains the largest statistical database on food and agriculture in the world, with approximately 20 000 indicators covering more than 245 countries and territories, and around 2 million views each year. The Statistical Yearbook is accompanied by the shorter Statistical Pocketbook, which provides a quick and easy reference to the main facts and trends in food and agriculture.

In addition to compiling and disseminating data, FAO also works towards strengthening the statistical capacity of countries so they can produce more and better data; it sets standards and methodologies, and leverages innovations such as big data and other new data collection and processing technologies. FAO is committed to ensuring free access to current, reliable, timely and trusted data, necessary to chart a course towards more sustainable and equitable agrifood systems and a world free of hunger.

José Rosero Moncayo
Chief Statistician
Director, Statistics Division

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HOW TO USE THIS YEARBOOK

THE STRUCTURE

The Statistical Yearbook 2025 is divided into four thematic chapters:

- **Chapter 1** (*Economic dimensions of agriculture*) provides an overview of agriculture, forestry and fishing from an economic standpoint.
- **Chapter 2** (*Production, trade and prices of commodities*) presents the outputs of the sector in terms of the production and trade of the different commodities and the evolution of prices.
- **Chapter 3** (*Food security and nutrition*) looks at how some of these outputs are consumed by narrowing the focus on food security and nutrition.
- **Chapter 4** (*Sustainability and environmental aspects of agriculture*) deals with the impacts of the whole sector on the environment.

Each chapter draws on the latest available data to describe through text and charts the trends since the early 2000s. As data on each topic are produced according to different schedules and with different methods and sources, the latest year available can change between sections.

COUNTRY DEFINITIONS AND CLASSIFICATION

The country classification adopted in this publication is based on the United Nations M49 classification (<https://unstats.un.org/unsd/methodology/m49/>). The official Food and Agriculture Organization of the United Nations (FAO) names can be found at <https://www.fao.org/nocs/en>.

AGGREGATIONS

Regional and subregional aggregates are based on the country groupings defined in the United Nations M49 classification. A small subset of indicators used in Chapter 3 is based on the aggregation rules defined in *The State of Food Security and Nutrition in the World 2025 – Addressing high food price inflation for food security and nutrition* report, which can be found at <https://doi.org/10.4060/cd6008en>.

Two types of aggregations are used: sum and weighted mean. A sufficiency condition is imposed when computing the aggregation: the aggregation is computed only when enough countries have reported data. The current threshold is set at 50 percent of the variable and the weighting variable, if present.

DATA PRESENTATION CONVENTIONS

The cut-off date for the data is 28 October 2025.

- When country data have not been reported for the reference year, an asterisk (*) on the year label indicates that the value for the most recent year available is shown. For example, 2021–2023* means that the most recent value for the period from 2021 to 2023 is shown.
- One billion is 1 000 million.
- One trillion is 1 000 billion.
- In tables:
 - a blank means that data are not available or that aggregates cannot be calculated because of missing data for the years shown;
 - 0 or 0.0 means zero or a number that is small enough to round down to zero at the displayed number of decimal places;
 - <2.5 means a proportion less than 2.5 percent; and
 - <0.1 means less than 100 000 people.
- On maps, [a–b] denotes the interval of numbers between *a* and *b*, including *a* and *b*, while [a–b] denotes the interval of numbers between *a* and *b*, excluding *a* and including *b*.

CHAPTER 1

KEY FACTS

AGRICULTURE VALUE ADDED



Agricultural value added went up 96% between 2000 and 2023, to USD 4.0 trillion

SHARE OF AGRICULTURE IN GLOBAL GDP



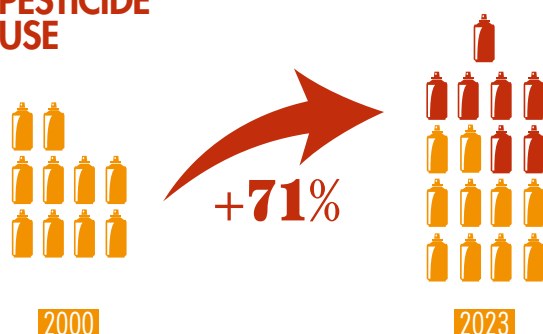
The share of agriculture in global GDP has been stable at around 4% since 2000.

GLOBAL WORKFORCE EMPLOYED IN AGRICULTURE



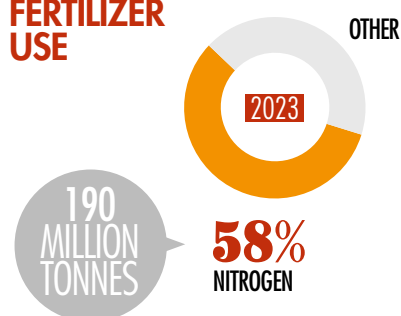
Agriculture employed 916 million people in 2023, or 26% of the global workforce, compared with 1 034 million (or 40% of the global workforce) in 2000.

PESTICIDE USE



Pesticide use went up 71% between 2000 and 2023, with the Americas accounting for nearly half the use in 2023.

FERTILIZER USE



Agricultural use of inorganic fertilizers in 2023 was 190 million tonnes of nutrients, of which 112 million tonnes (58%) was nitrogen.

1 ECONOMIC DIMENSIONS OF AGRICULTURE

CONTRIBUTION OF AGRICULTURE, FORESTRY AND FISHING TO THE ECONOMY

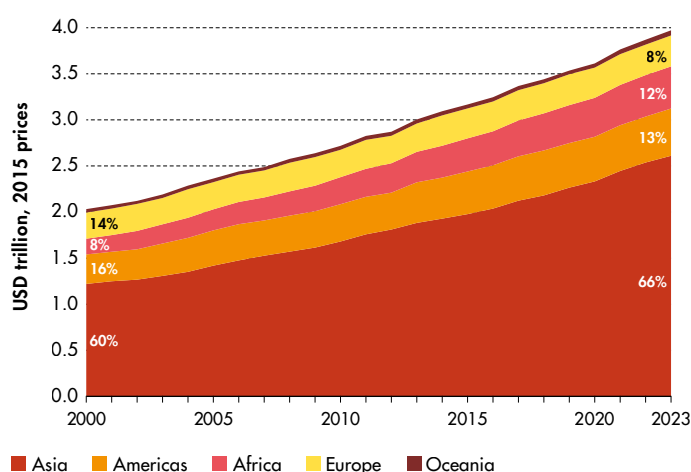
The global value added generated by agriculture, forestry and fishing^a grew by 96 percent in real terms between 2000 and 2023, reaching USD 4.0 trillion in 2023 (see **FIGURE 1**). This represents an increase of USD 1.9 trillion compared with 2000. In Africa, the value added went up 169 percent over the period, increasing from USD 170 billion to USD 457 billion. Given its size, Asia was the main contributor to global agriculture, forestry and fishing value added with 66 percent of the

world total in 2023: the continent's value added more than doubled from USD 1.2 trillion in 2000 to USD 2.6 trillion in 2023. In the Americas and Oceania, the increase reached 60 percent and 53 percent, respectively, in the 2000–2023 period, while Europe increased its agricultural value added by just 18 percent. In the context of the COVID-19 pandemic, the global value added of agriculture increased in 2020 by 2.2 percent and went up 4.2 percent in 2021 due to the rebound in activity. The increase in 2023 was 2.6 percent, below the average annual growth rate of the

2000–2023 period. The countries with the largest agriculture, forestry and fishing sector in terms of value added in 2023 are China, India and the United States of America (see **TABLE 1**).

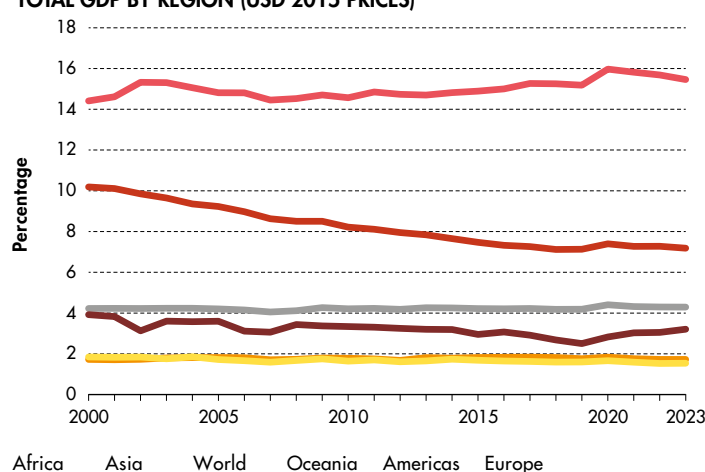
The global contribution of agriculture to gross domestic product (GDP) declined marginally between 2000 and 2019. This is an expected consequence of the growth of total GDP. Due to the COVID-19 pandemic and the various restrictions put in place to contain it in 2020, the value added of the industry and

FIGURE 1.
VALUE ADDED OF AGRICULTURE, FORESTRY AND FISHING BY REGION



Note: Percentages in the figure indicate the shares in the total; they may not tally due to rounding.
Source: FAO. 2025. FAOSTAT: Macro Indicators. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/MK>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig01>

FIGURE 2.
SHARE OF AGRICULTURE, FORESTRY AND FISHING VALUE ADDED IN TOTAL GDP BY REGION (USD 2015 PRICES)



Source: FAO. 2025. FAOSTAT: Macro Indicators. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/MK>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig02>

^a As defined in the International Standard Industrial Classification of All Economic Activities (ISIC) Revision 4, agriculture, forestry and fishing includes crop and animal production, hunting and related service activities, forestry and logging, and fishing and aquaculture.

services sectors declined while that of agriculture kept increasing, resulting in an artificial jump of the share of agriculture in the total in 2020 (see **FIGURE 2**). After 2020, the share of value added from agriculture, forestry and fishing resumed its long-term declining trend, falling from 4.4 percent in 2020 to 4.3 percent in 2023. It had dropped between 2000 and 2019 in all regions except Africa and the Americas, then increased between 2019 and 2020. All regions except the Americas and Europe had a share of agriculture in GDP in 2023 that was higher than in 2019, and in the case of Africa, also higher than in 2000 (14.4 percent in 2000 compared with 15.5 percent in 2023). This increase, which rarely occurs, is due to a higher contribution of agriculture to GDP, largely related to the COVID-19 pandemic, in several countries: Algeria, Angola, Benin, Chad, the Comoros, the

Congo, Eritrea, Gabon, Guinea, Libya, Mali, Morocco, the Niger, Nigeria and South Africa. These countries accounted for 48 percent of the total value added from agriculture, forestry and fishing in Africa in 2023 (see **TABLE 2**). Despite its relatively small economic size, the sector plays a crucial role in the agro-industry value chain and in the use of natural resources. As such, agriculture affects the quality of the environment and food security beyond what its contribution to GDP indicates.

FACTORS OF PRODUCTION

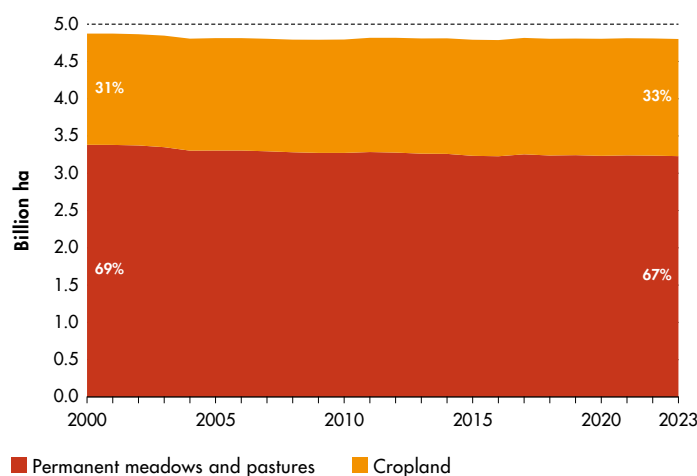
● Land and water

In 2023, the global agricultural land area was 4.80 billion hectares (ha), down 2 percent, or 0.07 billion ha, compared with 2000 (see **FIGURE 3** and **TABLE 3**). Between 2000 and 2023, roughly two-thirds of agricultural land was used for permanent meadows and pastures (3.23 billion ha in 2023,

down 4 percent, or 0.15 billion ha from 2000). One-third of the total agricultural land was cropland (1.57 billion ha in 2023, up 5 percent, or 0.08 billion ha, from 2000).

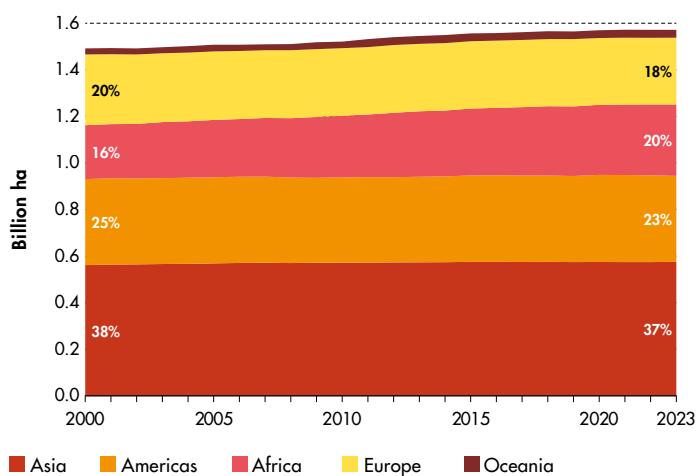
The regional breakdown of the global cropland area varied marginally between 2000 and 2023 (see **FIGURE 4**). Asia had the largest share of the global cropland area in 2023 (37 percent), followed by the Americas (23 percent), Africa (20 percent), Europe (18 percent) and Oceania (2 percent). Nonetheless, there were differences in cropland expansion in the different regions during this period – Oceania and Africa both had rapid growth in cropland area (31–33 percent), while Asia had more moderate growth (2 percent). The cropland area of the Americas remained stable and that of Europe declined between 2000 and 2023 by 6 percent. As a result, the cropland area of Africa surpassed that of Europe in 2016.

FIGURE 3.
WORLD AGRICULTURAL LAND BY USE



Note: Percentages in the figure indicate the shares in the total; they may not tally due to rounding.
Source: FAO. 2025. FAOSTAT: Land Use. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/RL>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig03>

FIGURE 4.
CROPLAND AREA BY REGION



Note: Percentages in the figure indicate the shares in the total; they may not tally due to rounding.
Source: FAO. 2025. FAOSTAT: Land Use. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/RL>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig04>

Approximately 30 percent of global cropland and permanent meadows and pastures can be found in three countries (see **FIGURE 5**), which are not necessarily the ones with the largest total land area.^b In 2023, 12 percent of global permanent meadows and pastures belonged to China, 10 percent to Australia, and 8 percent to the United States of America. For the same year, the largest contributors to global cropland were India (11 percent), the United States of America (10 percent) and China (8 percent).

Cropland area per capita decreased in all regions between 2000 and 2023 as population increased faster than the cropland area (see **FIGURE 6**). The world average declined by 20 percent, reaching 0.19 ha per capita in 2023; the decrease was the largest in Africa (–26 percent, to 0.21 ha per capita), followed by the Americas and Asia (–20 percent,

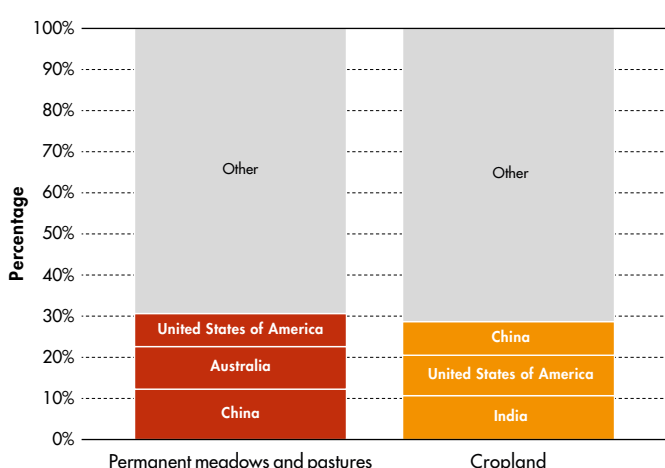
to 0.35 ha per capita and 0.12 ha per capita, respectively). The decline was smaller in Oceania (–10 percent, to 0.74 ha per capita) and Europe (–8 percent, to 0.38 ha per capita). Against this backdrop, the increase in agricultural production over the same period (described in Chapter 2) indicates higher efficiency in feeding the population with limited land resources. The countries with the highest cropland area per capita are Kazakhstan, Australia and Canada (see **TABLE 4**), due to the presence of vast areas of land available over sparsely populated areas. Other reasons for high values of cropland area per capita include the intense use of agricultural inputs and dependencies on agricultural imports or food aid.

The development of irrigation is one aspect of agricultural intensification that has allowed

total production to grow much faster than the cultivated area.

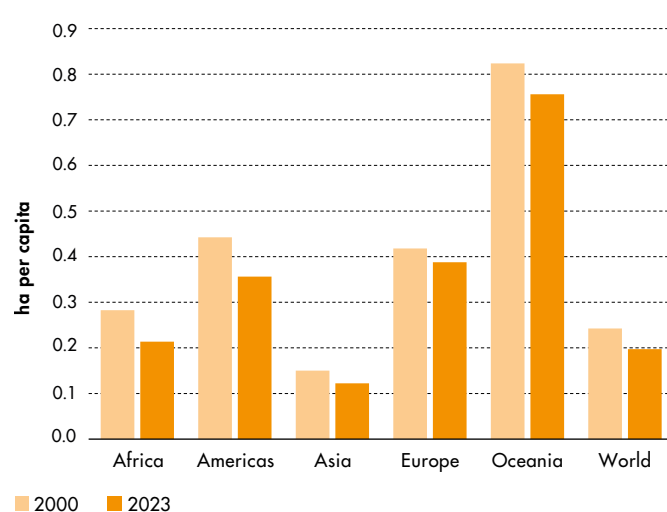
The global land area equipped for irrigation reached 355 million ha in 2023 (see **FIGURE 7**), an increase of 23 percent from the 289 million ha of 2000 and more than twice the land area equipped for irrigation in the 1960s.¹ The vast majority is located in Asia (71 percent in 2023), where irrigation was a key component of the green revolution;² the Americas account for 16 percent and Europe for 8 percent of the world total. As shown in **TABLE 5**, India (76 million ha) and China (75 million ha) have the largest equipped area for irrigation, far ahead of the United States of America (25 million ha). China and India also have the largest net gains in equipped area between 2000 and 2023 (+21 million ha for China and +15 million ha for India). All the regions saw increases in the area equipped for irrigation, with Africa

FIGURE 5.
WORLD AGRICULTURAL LAND BY USE AND MAIN COUNTRIES (2023)



Source: FAO. 2025. FAOSTAT: Land Use. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/RL>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig05>

FIGURE 6.
CROPLAND AREA PER CAPITA BY REGION



Source: FAO. 2025. FAOSTAT: Land Use. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/RL>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig06>

^b The top five countries in terms of total land area are, in descending order, the Russian Federation, Canada, the United States of America, China and Brazil.

growing the fastest (+36 percent), followed by Asia (+26 percent), Oceania (+24 percent), the Americas (+16 percent) and Europe (+4 percent).

The share of the area equipped for irrigation in cropland area increased to 22.6 percent in 2023, up 3.2 percentage points compared with 2000 (see **FIGURE 8**). It increased in all regions except Oceania, with the largest gains located in Asia, as described previously. The higher levels in Asia compared with the rest of the world are partly attributable to the prevalence of irrigation-intensive rice cultivation in the region. As seen in **TABLE 3** and **6**, Turkmenistan, Egypt and Uzbekistan stand out as countries with both a sizeable cropland area and very high shares of equipped area for irrigation (100 percent, 98.9 percent and 97.1 percent in 2023, respectively); most of their land area is desert with an arid climate. Countries with low shares of equipped area for irrigation

are more dependent on rainfed agriculture, which tends to be overall more extensive than irrigated agriculture and is affected by changing rain patterns. On the other hand, irrigated agriculture competes with other uses of the water resources available in countries.

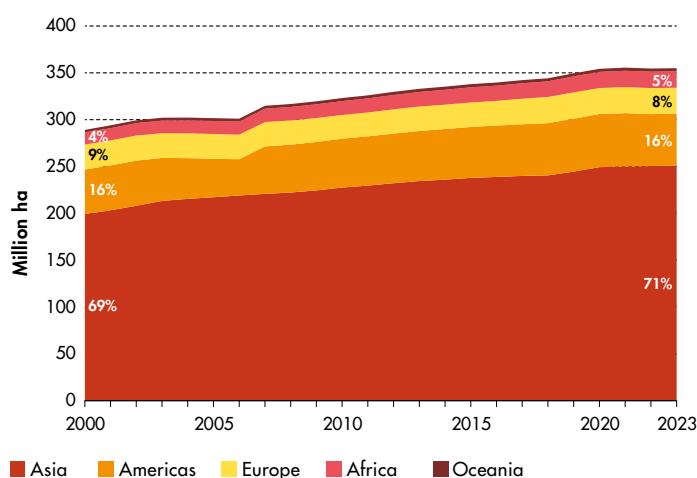
The share of agricultural water withdrawals in total withdrawals is an indication of the relative weight of agricultural water uses compared with industrial and municipal ones. As seen in **FIGURE 9**, the countries with the highest shares are located mostly in Africa and Asia, with the share of Somalia above 99 percent. One trait shared by most of these countries is the income level: of the top 20 countries, the World Bank classifies seven as low-income, nine as lower-middle-income, three as upper-middle-income, and one as high-income.³ In 2022, the share of agricultural water withdrawals in total withdrawals was greater than 90 percent in 28 countries (see **TABLE 7**).

● Labour

The number of people working in agriculture worldwide, including forestry and fishing, went down 11 percent between 2000 and 2023, reaching 916 million in 2023, or 118 million less than in 2000 (see **FIGURE 10**). Employment in agriculture had declined between 2000 and 2019 (to 873 million). The COVID-19 pandemic reversed this long-term decline, as people went back to rural areas and entered agricultural work, especially in Africa and Asia,⁴ resulting in an increase of 4 million workers between 2019 and 2020. The increase continued between 2021 and 2023, with 13 million people joining the agricultural workforce each year on average. While employment in agriculture increased overall in Africa, Asia and Oceania between 2019 and 2023, it decreased in the Americas and Europe.

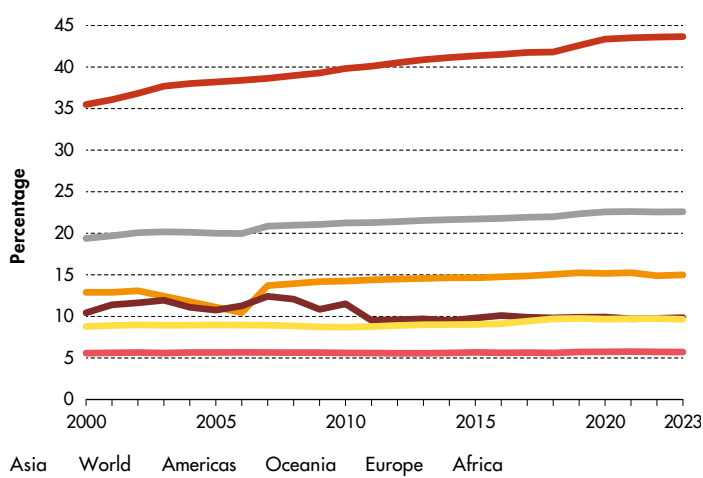
Between 2000 and 2023, agricultural employment has declined from 786 million people to 608 million in Asia: this means that nearly

FIGURE 7.
AREA EQUIPPED FOR IRRIGATION BY REGION



Note: Percentages in the figure indicate the shares in the total; they may not tally due to rounding.
Source: FAO. 2025. FAOSTAT: Land Use. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/RL>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig07>

FIGURE 8.
SHARE OF AREA EQUIPPED FOR IRRIGATION IN CROPLAND AREA BY REGION



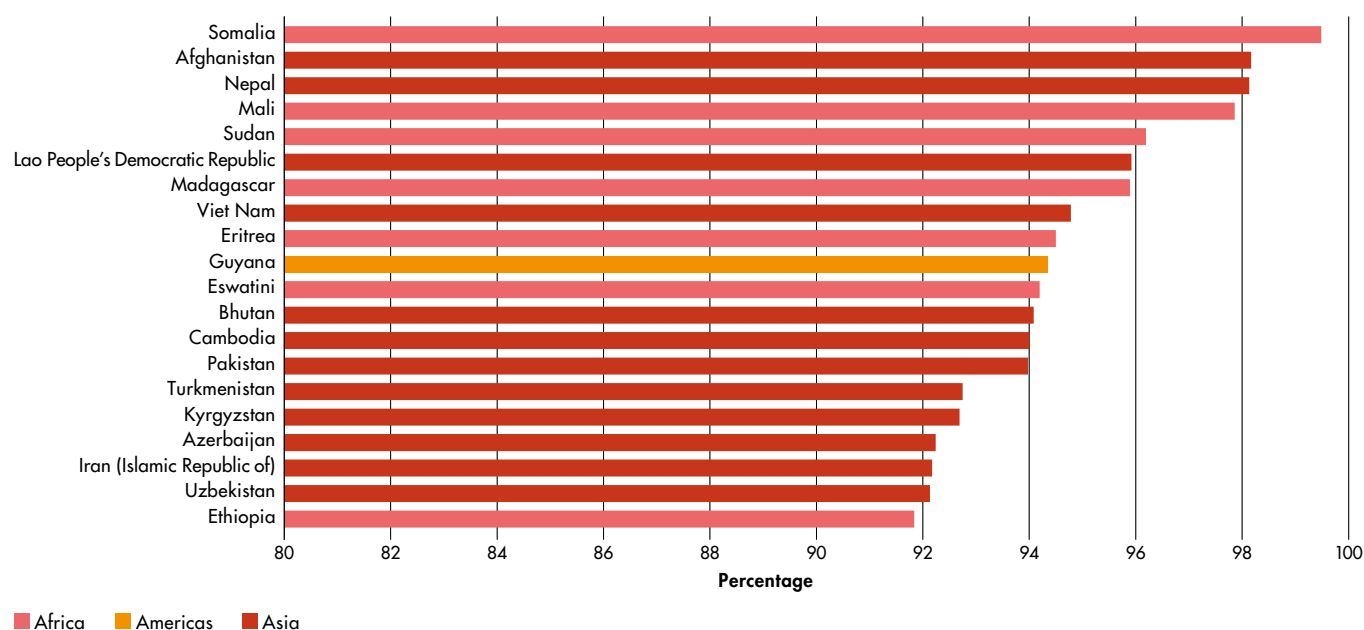
Source: FAO. 2025. FAOSTAT: Land Use. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/RL>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig08>

one out of every four agricultural workers has left the sector for another job outside agriculture in the region. During the same period, the biggest drop was

observed in Europe, as agricultural employment there decreased by 48 percent, or 16 million people, from 33 million. Also between 2000 and 2023, in Africa, even if the

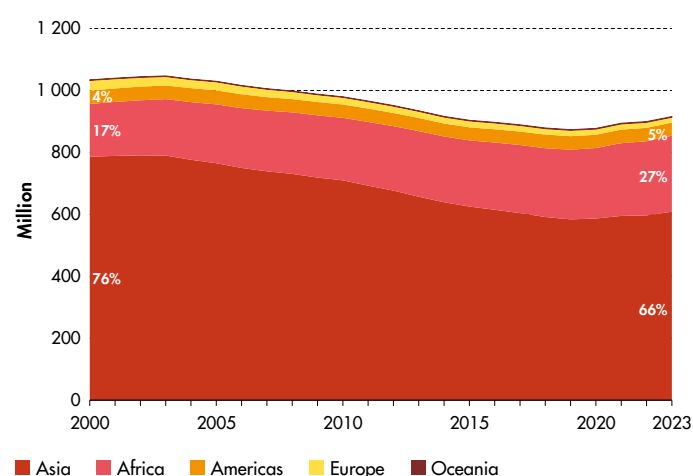
share of employment in agriculture declined (see **FIGURE 11**), agricultural employment increased to 246 million people in 2023. India and China had the largest number of people

FIGURE 9.
SHARE OF WATER WITHDRAWAL BY AGRICULTURE IN TOTAL WITHDRAWAL, TOP COUNTRIES (2022)



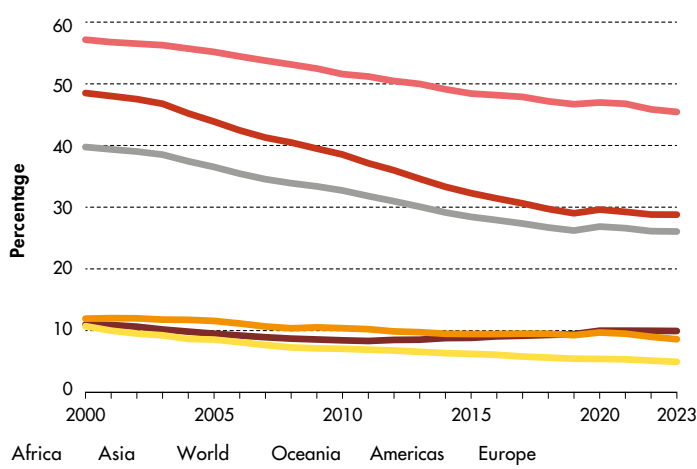
Source: FAO. 2025. AQUASTAT: AQUASTAT Dissemination System. [Accessed on 28 October 2025]. <https://data.apps.fao.org/aquastat/?lang=en>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig09>

FIGURE 10.
EMPLOYMENT IN AGRICULTURE, FORESTRY AND FISHING BY REGION



Note: Percentages in the figure indicate the shares in the total; they may not tally due to rounding.
Source: FAO. 2025. FAOSTAT: Employment Indicators: Agriculture and agrifood systems. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/OEA>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig10>

FIGURE 11.
SHARE OF AGRICULTURE, FORESTRY AND FISHING EMPLOYMENT IN TOTAL EMPLOYMENT BY REGION



Source: FAO. 2025. FAOSTAT: Employment Indicators: Agriculture and agrifood systems [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/OEA>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig11>

working in agriculture in 2023 (246 million people and 167 million people, respectively); together they accounted for 68 percent of agricultural employment in Asia and 45 percent of global agricultural employment in 2023 – even though 20 million people joined the agricultural sector between 2000 and 2023 in India and 177 million left it in China (see **TABLE 8**).

The share of employment in agriculture, forestry and fishing in total employment declined globally by 13.7 percentage points between 2000 and 2023, to 26.1 percent (see **FIGURE 11**). Yet, agriculture remains the second largest source of employment worldwide after the services sector.⁵ A decline in the share of the agricultural sector is usually linked to growing income levels, which explains part of the drop in the share of employment in agriculture across all regions and nearly all countries (see **TABLE 9**).

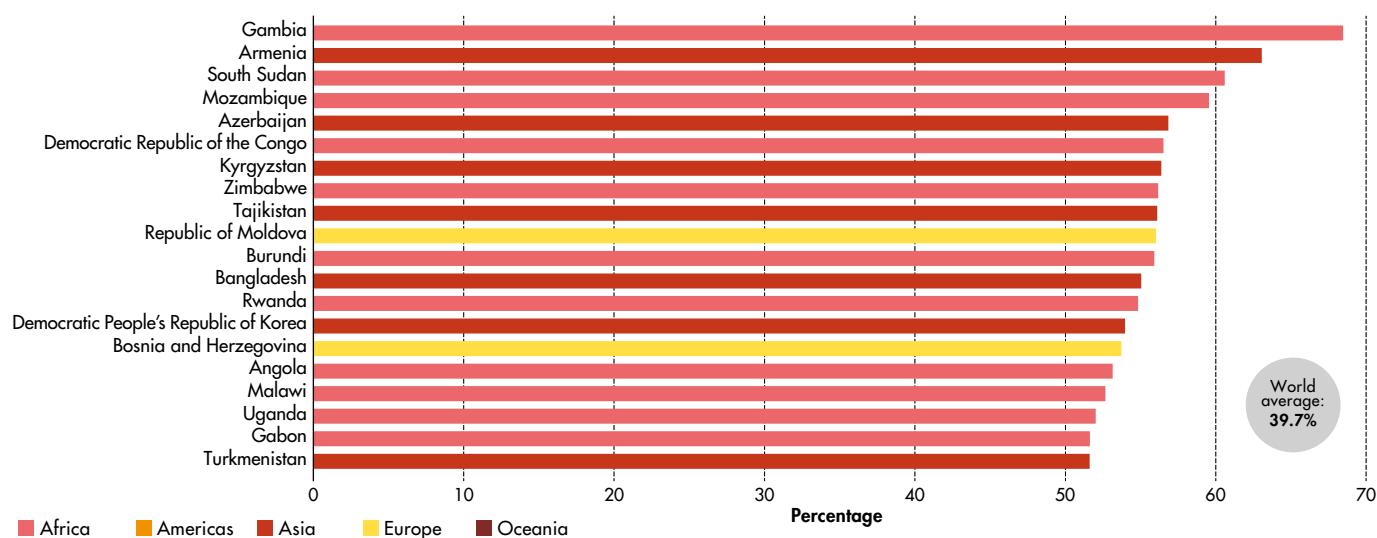
The COVID-19 pandemic broke this overall declining trend in 2020: while employment dropped in the industry and services sectors due to the pandemic-related restrictions, it increased in agriculture as mentioned previously, resulting in an increase of the share of agricultural employment in all regions except Europe between 2019 and 2020, followed by a decline until 2023. The lowest share of employment in agriculture was observed in Europe in 2023, where only 5.0 percent of the employed population had a job in agriculture. The highest share was observed in Africa with 45.5 percent of the total employed population.

FIGURE 12 shows the 20 countries with the highest shares of women in agricultural employment. While on average women represented 39.7 percent of all agricultural workers in 2023, this share is above 50 percent in 29 countries (see **TABLE 10**), nearly half of

them in Africa. Women and men working in agriculture might have different employment statuses. Generally, the women employed in agriculture are more likely to be engaged as contributing family workers whereas men are more likely to be engaged on their own account as workers generating an income.⁶ In addition, women often spend more time than men on activities such as food processing and food preparation for the household; child and elder care; water and fuel collection; and other unpaid household duties.⁷

Agrifood systems encompass all the activities and sectors linked to food and non-food agricultural commodities from production to disposal. Employment in agrifood systems therefore includes employment in agriculture, forestry and fishing (shown in **FIGURE 10**); food processing and services; and the manufacture of agricultural

FIGURE 12.
SHARE OF WOMEN IN AGRICULTURE, FORESTRY AND FISHING EMPLOYMENT, TOP COUNTRIES (2023)



Source: Based on FAO. 2025. FAOSTAT: Employment Indicators: Agriculture and agrifood systems. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/OEA>. Licence: CC-BY-4.0.
 Download: <https://doi.org/10.4060/cd4313en-fig12>

goods. In 2022, 1.34 billion people worldwide worked in agrifood systems, just 3 percent less than in 2000 (1.37 billion).

Employment in agrifood systems declined between 2000 and 2020 (to 1.30 billion); increased by 28 million in 2021; and increased by just 7 million in 2022. Asia accounted for the majority of the agrifood systems workforce (64 percent in 2022), followed by Africa (24 percent), the Americas (8 percent), Europe (4 percent) and Oceania (0.4 percent). Employment in agrifood systems decreased in Asia by 146 million people and in Europe by 25 million people. Conversely, it increased in Africa by 118 million people, in the Americas by 13 million people and in Oceania by 1 million people. The share of agricultural employment in agrifood systems varied significantly between the regions: in 2022, it reached 70–73 percent in

Africa and Asia compared with 44 percent in Oceania, 41 percent in the Americas and 31 percent in Europe.

Agrifood systems employment represented 39.1 percent of global employment in 2022, down from 52.2 percent in 2000; most of the decline occurred between 2000 and 2015, and the share of agrifood systems employment in total employment has remained stable since 2018. The share declined in all the regions between 2000 and 2022. Throughout the period, Africa had the highest share, with a drop from 70.0 percent in 2000 to 62.8 percent in 2022. The fastest decline occurred in Asia (from 60.4 percent in 2000 to 41.2 percent in 2022), confirming the significant structural change in the labour force of the region. Europe saw a reduction from 23.0 percent in 2000 to 14.2 percent in 2022. The smallest declines were recorded

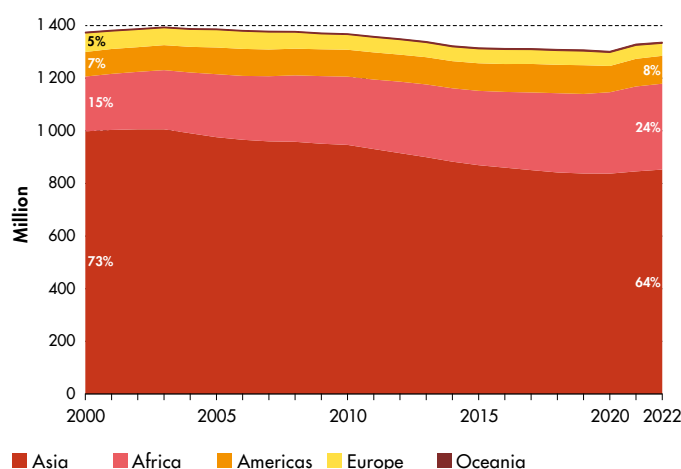
in the Americas (from 26.2 percent to 22.2 percent) and Oceania (from 25.9 percent to 22.5 percent), highlighting the relative stability of agrifood systems employment in these regions.

● Capital and investment

Capital in the agricultural sector includes machinery, equipment, tools and farm buildings, and is essential in the production of all agricultural outputs. The gross fixed capital formation (GFCF) is an indication of the amounts that are reinvested in new fixed assets that are part of capital.

High-income countries tend to devote a higher share of their agricultural value added to reinvestments in the sector than countries with lower levels of income (see **FIGURE 15** and **TABLE 15**). Latvia (111 percent) and Denmark (75 percent) had the highest shares of GFCF in value added in 2023.

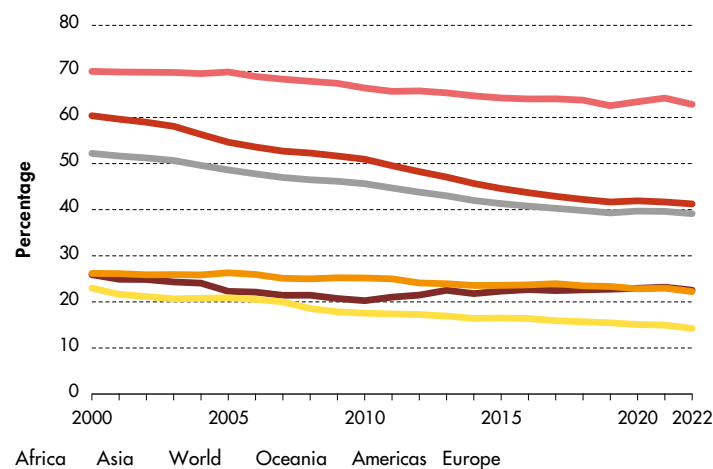
FIGURE 13.
EMPLOYMENT IN AGRIFOOD SYSTEMS BY REGION



Source: FAO. 2025. FAOSTAT: Employment Indicators: Agriculture and agrifood systems. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/OEA>. Licence: CC-BY4.0.

Download: <https://doi.org/10.4060/cd4313en-fig13>

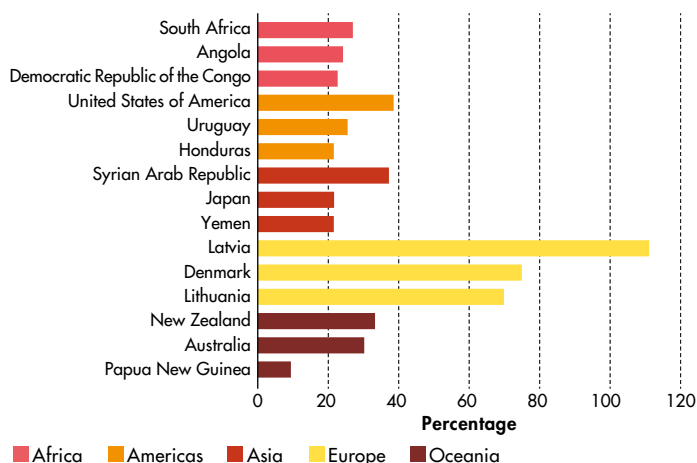
FIGURE 14.
SHARE OF AGRIFOOD SYSTEMS EMPLOYMENT IN TOTAL EMPLOYMENT BY REGION



Source: FAO. 2025. FAOSTAT: Employment Indicators: Agriculture and agrifood systems. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/OEA>. Licence: CC-BY4.0.

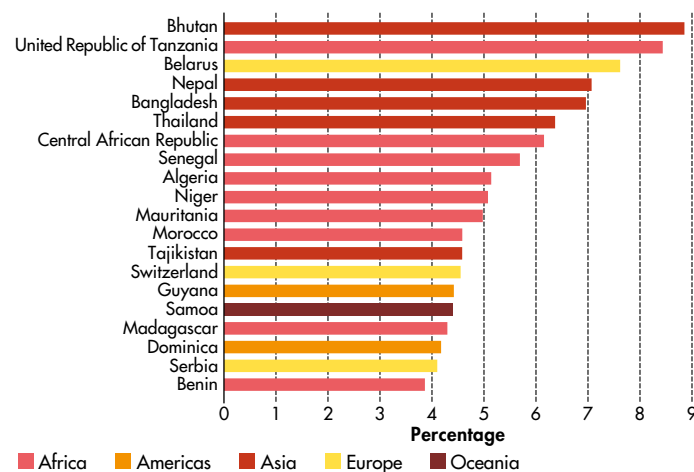
Download: <https://doi.org/10.4060/cd4313en-fig14>

FIGURE 15.
GROSS FIXED CAPITAL FORMATION (AGRICULTURE, FORESTRY AND FISHING) AS A SHARE OF VALUE ADDED, TOP COUNTRIES BY REGION (2023, USD 2015 PRICES)



Note: Only countries with more than USD 500 million of agricultural value added are included. Values for 2023 are projections based on nowcasts.
Source: FAO. 2025. FAOSTAT: Capital Stock. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/CS>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig15>

FIGURE 16.
GOVERNMENT EXPENDITURE ON AGRICULTURE, FORESTRY AND FISHING AS A SHARE OF TOTAL OUTLAYS, TOP COUNTRIES (2021–2023*)



Source: FAO. 2025. FAOSTAT: Government Expenditure. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/IG>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig16>

The leaders of the Americas, Asia, Oceania and Africa had much lower shares: 39 percent for the United States of America, 37 percent for the Syrian Arab Republic, 33 percent for New Zealand and 27 percent for South Africa.

Government spending on agriculture is a measure of the public financial support to the sector and complements investments made by the private sector. Asia and Africa had the highest percentage of central government spending on agriculture in 2023.⁸ FIGURE 16 and TABLE 16 reflect this, as most of the countries with the highest shares are in these two regions, with Bhutan (8.9 percent), the United Republic of Tanzania (8.4 percent)

and Belarus (7.6 percent) being the top three countries. In the case of Africa, signatories to the Malabo Declaration of 2014 committed to allocate at least 10 percent of government expenditures to agriculture.⁹

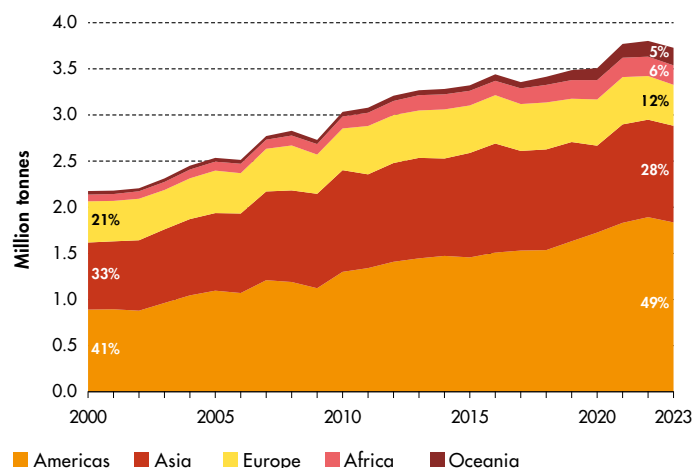
INPUTS

● Pesticides

Global pesticide use increased between 2000 and 2023 by 71 percent, to 3.7 million tonnes (see FIGURE 17). Most of this increase took place between 2000 and 2016, which was followed by relative stability until 2020 and then strong growth between 2020 and 2021. The highest contributions came from the Americas, followed by Asia,

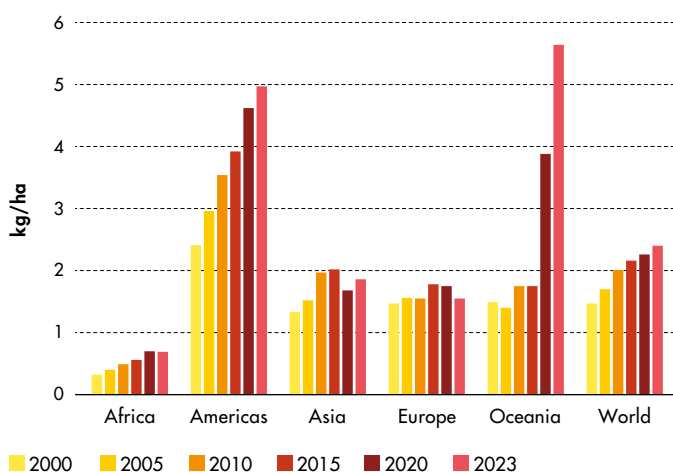
Europe, Africa and Oceania. The share of the Americas, the largest contributor, increased from 41 percent to 49 percent of global pesticide consumption, while that of Asia and Europe decreased by 5 and 9 percentage points to 28 percent and 12 percent, respectively. Africa and Oceania applied small amounts of pesticides over time, but had the highest growth in pesticide applications (+187 percent and +396 percent, respectively). As shown in TABLE 17, Brazil was the largest pesticide user in 2023 with 0.8 million tonnes, or 21 percent of the world total, far ahead of the United States of America (0.43 million tonnes) and Indonesia (0.29 million tonnes).

FIGURE 17.
PESTICIDE USE BY REGION



Note: Percentages in the figure indicate the shares in the total; they may not tally due to rounding.
Source: FAO. 2025. FAOSTAT: Pesticides Use. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/RP>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig17>

FIGURE 18.
PESTICIDE USE PER CROPLAND AREA BY REGION



Source: FAO. 2025. FAOSTAT: Pesticides Use. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/RP>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig18>

Global pesticide use per cropland area went up 37 percent in the 2000s, from 1.5 kg/ha in 2000 to 2.0 kg/ha in 2010; growth then slowed down to just 19 percent between 2010 and 2023 (see **FIGURE 18**), with some important regional differences. Pesticide application rates in 2023 were highest in Oceania (5.6 kg/ha) and the Americas (5.0 kg/ha) by a wide margin, followed by Asia, Europe and Africa. Asia and Europe were the only regions where pesticide use per cropland area decreased or remained stable between the early 2010s and 2023. Among the top pesticide users in 2023 mentioned previously,

Brazil had the largest use per cropland area (12.6 kg/ha), close to five times the value for the United States of America (2.8 kg/ha) and nearly twice the value for Indonesia (6.7 kg/ha) (see **TABLE 18**).

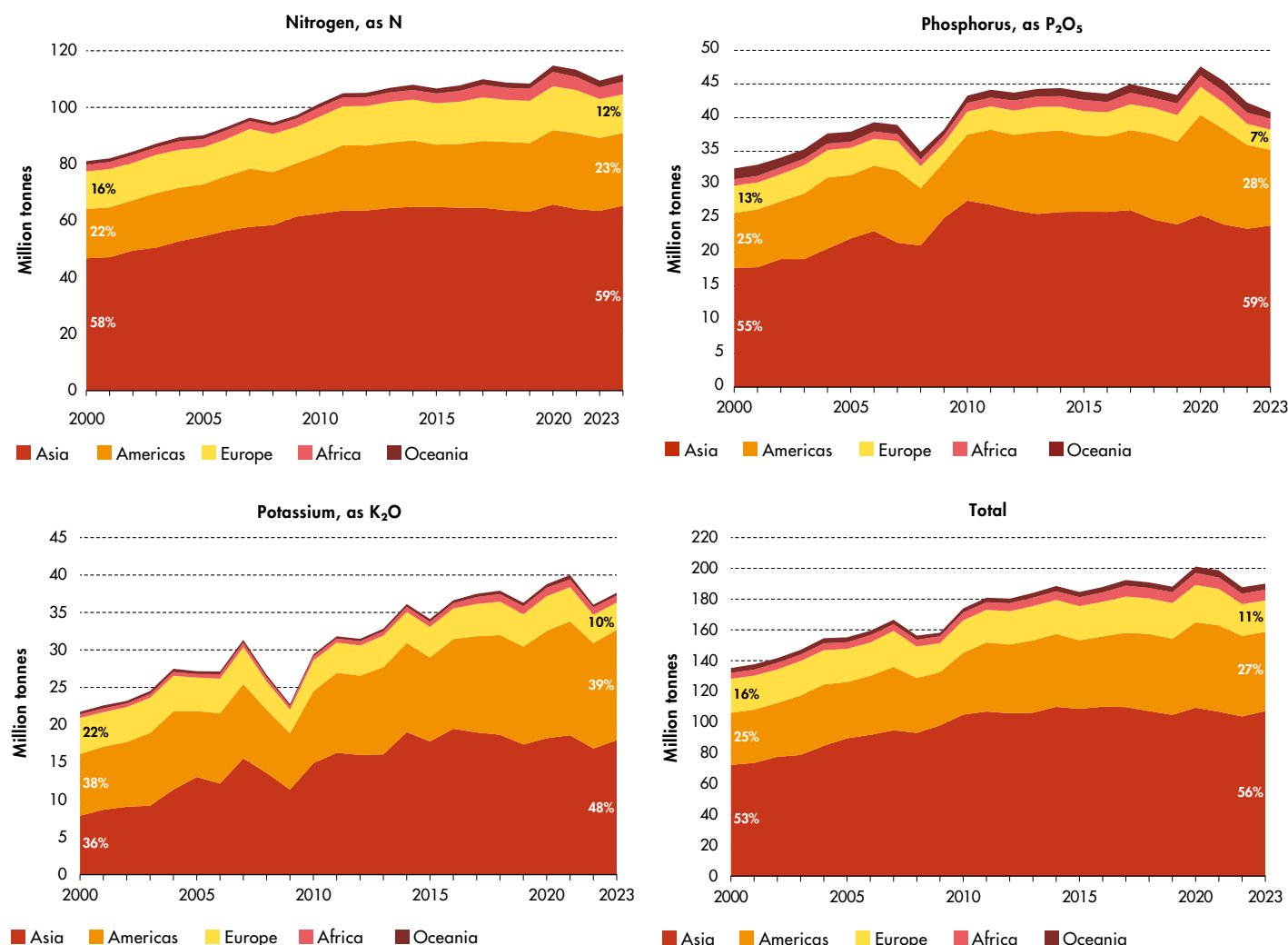
● Fertilizers

Total agricultural use of inorganic fertilizers, expressed as the sum of the three nutrients nitrogen (N), phosphorus (expressed as P_2O_5) and potassium (expressed as K_2O), was 190 million tonnes in 2023, up 1 percent compared with 2022. As shown in **FIGURE 19**, the breakdown was 112 million tonnes of nitrogen (58 percent of the total), 41 million tonnes of phosphorus (21 percent) and 38 million tonnes

of potassium (20 percent). Overall fertilizer use in 2023 was 55 million tonnes (41 percent) higher than in 2000 (38 percent higher for nitrogen, 26 percent higher for phosphorus and 73 percent higher for potassium).

Asia represented 56 percent of world total agricultural use of inorganic fertilizers in 2023, followed by the Americas (27 percent), Europe (11 percent), Africa (4 percent) and Oceania (2 percent). This ranking of the regions is the same for all nutrients. The main users of inorganic fertilizers are, in descending order, China, India, the United States of America and Brazil (see **TABLE 19**), China being the largest user of each nutrient.

FIGURE 19
INORGANIC FERTILIZER USE BY REGION



Note: Percentages in the figure indicate the shares in the total; they may not tally due to rounding.

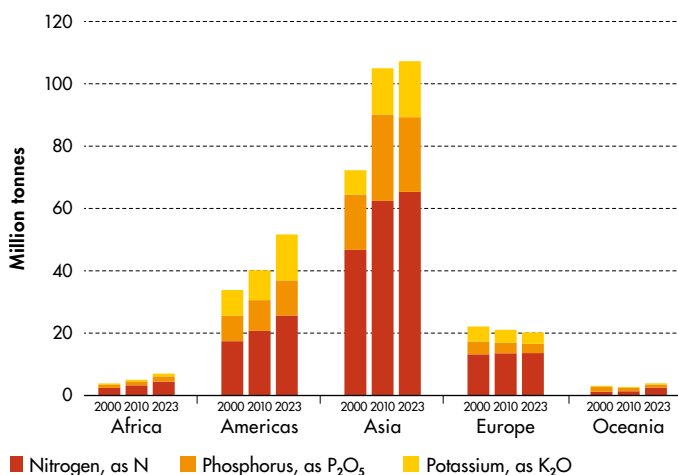
Source: FAO. 2025. FAOSTAT: Fertilizers by Nutrient. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/RFN>. Licence: CC-BY-4.0.

Download: <https://doi.org/10.4060/cd4313en-fig19>

Fertilizer use increased in all regions except Europe between 2000 and 2023 (see **FIGURE 20**). The total for the three nutrients went up 48 percent in Asia, or 35 million tonnes – the largest increase in absolute terms. The fastest increase took place in Africa, with a growth of 82 percent, equivalent to just 3.2 million tonnes, due to the low starting level. In the

Americas, fertilizer use increased by 53 percent, or 18 million tonnes, compared with 25 percent (or 1.1 million tonnes) in Oceania. It decreased by 9 percent in Europe (or 1.9 million tonnes); the decline started in 2021 and accelerated in 2022. It decreased by 10 percent in Europe (or 2.1 million tonnes); the decline started in 2021 and accelerated in 2022.

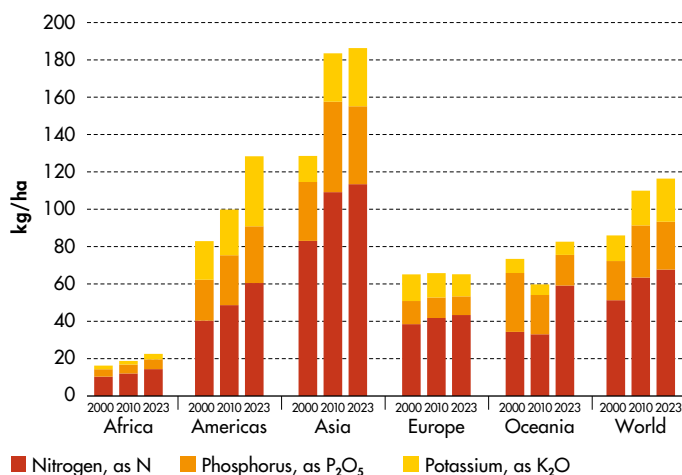
The mix of nutrients varies across the regions. Nitrogen was the dominant nutrient in 2023, accounting for 67 percent of fertilizer use in Europe, 64–65 percent in Africa and Oceania, 61 percent in Asia and half of the total in the Americas. In 2023, the use of phosphorus accounted for 22–23 percent of the total in all the regions except

FIGURE 20.
INORGANIC FERTILIZER USE BY NUTRIENT AND REGION

Source: FAO. 2025. FAOSTAT: Fertilizers by Nutrient. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/RFN>. Licence: CC-BY-4.0.
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Oceania, where its share was 36 percent, and Europe (15 percent). The share of potassium in fertilizer use was the highest in the Americas with 29 percent, followed by Europe (18 percent), Asia (17 percent), Africa (13 percent) and Oceania (10 percent). The use of phosphorus declined significantly in Oceania between 2000 and 2023 by 39 percent, while in Europe the use of phosphorus and potassium declined over the same period by 24 percent and 22 percent, respectively.

World agricultural use of inorganic fertilizers per cropland area rose by 35 percent between 2000 and 2023 to 116 kg of nutrients per hectare – expressed as the sum of nitrogen, phosphorus and potassium (see **FIGURE 21**). This corresponds to an increase of 30 kg/ha compared with 2000. Of the total amount, 68 kg/ha correspond to nitrogen (up 32 percent), 26 kg/ha to phosphorus (up 22 percent) and 23 kg/ha to potassium (up 68 percent).

FIGURE 21.
INORGANIC FERTILIZER USE PER CROPLAND AREA BY NUTRIENT AND REGION

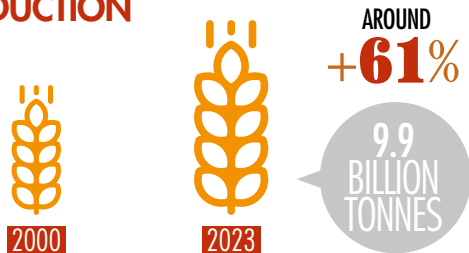
Source: FAO. 2025. FAOSTAT: Fertilizers by Nutrient. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/RFN>. Licence: CC-BY-4.0.
 Download: <https://doi.org/10.4060/cd4313en-fig21>

Fertilizer use per cropland area in 2023 was the highest in Asia, at 186 kg/ha, followed by the Americas (128 kg/ha), Oceania (83 kg/ha), Europe (65 kg/ha) and Africa (23 kg/ha), as shown on **FIGURE 21** and **TABLE 18**. With a growth rate of 55 percent between 2000 and 2023, the Americas was the region with the fastest increase in fertilizer use per cropland area, ahead of Asia (+45 percent), Africa (+39 percent) and Oceania (+13 percent). Europe is the only region showing stability.

CHAPTER 2

KEY FACTS

PRIMARY CROP PRODUCTION



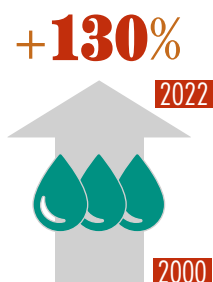
The production of primary crops was 9.9 billion tonnes in 2023, 61% more than in 2000.

GLOBAL PRIMARY CROP PRODUCTION



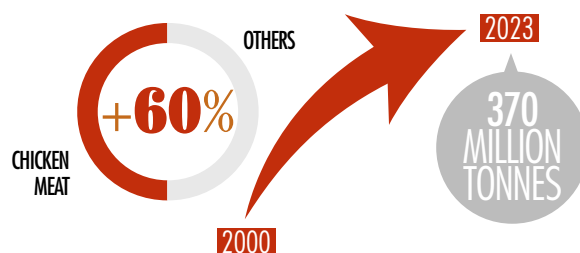
Four crops account for about half of global primary crop production: sugar cane, maize, wheat and rice.

VEGETABLE OILS PRODUCTION



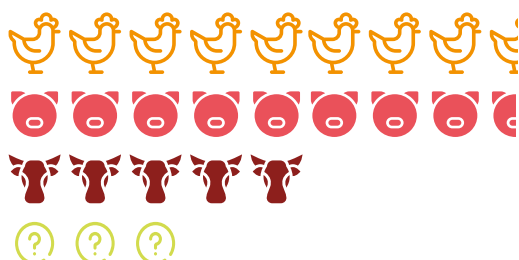
The production of vegetable oils went up 130% between 2000 and 2022, driven by a sharp increase in palm oil.

MEAT PRODUCTION



370 million tonnes of meat were produced in 2023, 60% more than in 2000, with chicken meat accounting for half the increase.

MEAT PRODUCTION BREAKDOWN



Chicken meat was the most produced type of meat in 2023, just ahead of pig meat.

CEREALS TRADE



Cereals are the most traded commodity by quantity in 2023: the Americas and Europe are the largest exporters and Asia the largest importer.

2 PRODUCTION, TRADE AND PRICES OF COMMODITIES

PRODUCTION OF CROPS AND DERIVED PRODUCTS

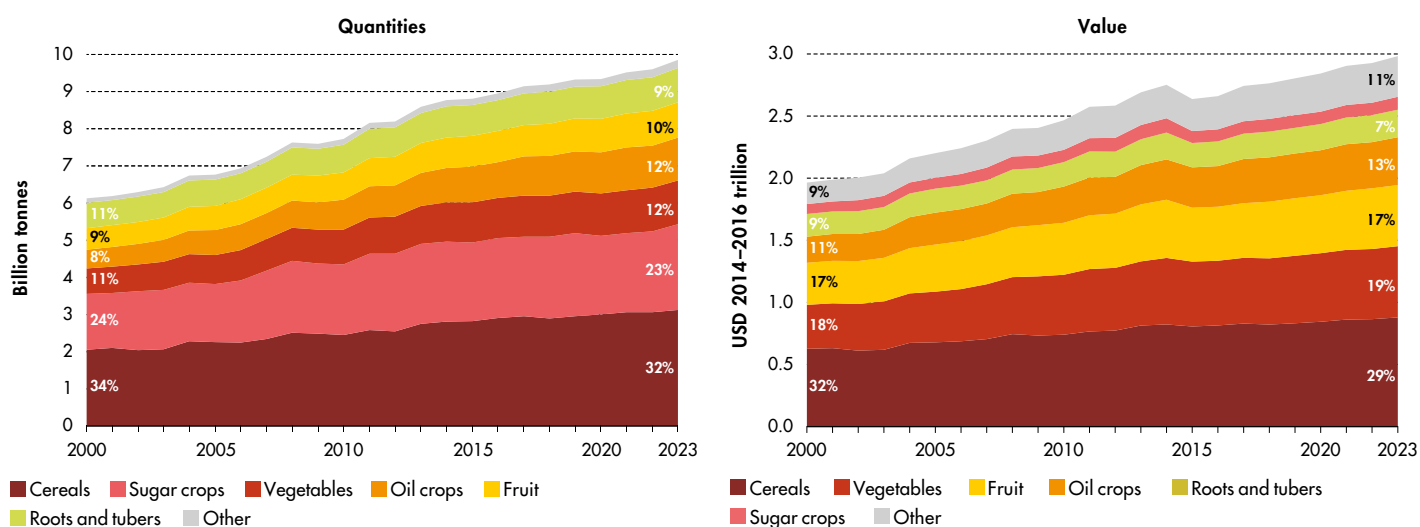
The global production of primary crops increased by 61 percent between 2000 and 2023 to 9.9 billion tonnes, which is 2.7 percent higher than in 2022 (see **FIGURE 22** and **TABLE 19**). This represents 3.7 billion tonnes more than in 2000. With slightly less than one-third of the total, cereals were the main group of crops produced in 2023, followed by sugar crops (23 percent), vegetables (12 percent) and oil crops (12 percent). Fruit accounted for 10 percent of the

total production, and roots and tubers for 9 percent. The increase in production is mainly attributable to a combination of factors outlined in Chapter 1 (increased use of irrigation, pesticides and fertilizers and, to a lesser extent, a larger cultivated area); other factors such as better farming practices^{10, 11} and the use of high-yield crops¹² also play a role.

The value of primary crop production increased at a slightly higher pace in real terms than the quantities produced (52 percent), from USD 2.0 trillion in 2000 to

USD 3.0 trillion in 2023. Similarly to the quantities produced, cereals accounted for the largest share in the total production value in 2023 (29 percent). Vegetables and fruit represented 19 percent and 17 percent, respectively, of the total value in 2023, which is significantly higher than the shares in quantities. The shares of oil crops and roots and tubers in the total value were similar to the shares in quantities. Sugar crops represented 3 percent of the total value: such a discrepancy with the share of the quantities produced is mainly due to differences in price compared with fruit and vegetables.

FIGURE 22.
WORLD PRODUCTION OF PRIMARY CROPS BY COMMODITY GROUP



Note: Percentages in the figure indicate the shares in the total; they may not tally due to rounding.

Sources: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/QCL>. Licence: CC-BY-4.0; and FAO. 2025. FAOSTAT: Value of Agricultural Production. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/QV>. Licence: CC-BY-4.0.

Download: <https://doi.org/10.4060/cd4313en-fig22>

While a multitude of crops are cultivated and harvested around the world, just four individual crops accounted for half the global production of primary crops in 2023: sugar cane (20 percent of the total, with 2.0 billion tonnes), maize (13 percent, with 1.2 billion tonnes), wheat (8 percent, with 0.8 billion tonnes) and rice (8 percent, with 0.8 billion tonnes) – see **FIGURE 23**. Oil palm fruit and potatoes each accounted for an additional 4 percent (0.4 billion tonnes) of world crop production.

Sugar cane accounted for 21 percent of the global crop production on average over the 2000–2023 period. While maize, wheat and rice each represented 10 percent of the total in 2000, maize production grew 3.1–3.3 times faster than the production of wheat or rice during

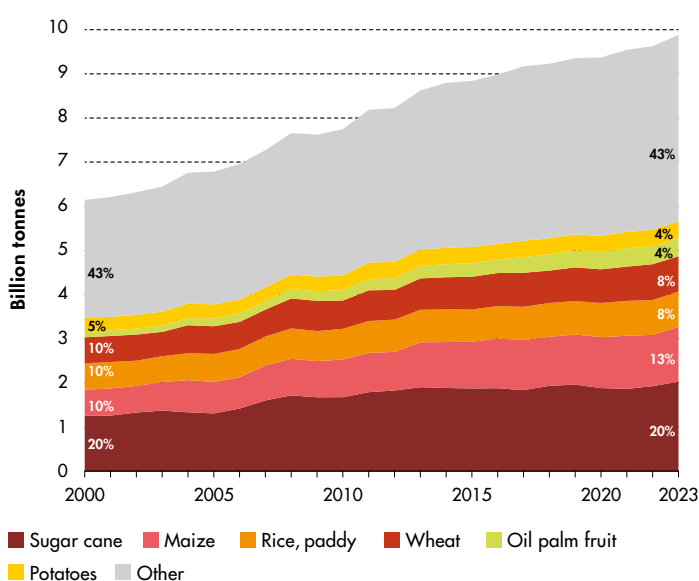
the 2000–2023 period, surpassing rice in 2001 to become the second-most-produced crop worldwide. As seen in **TABLE 21**, the Americas was the leading region in the production of sugar cane and maize (50 percent of the world total) in 2023, while Asia led in the production of rice (90 percent), oil palm fruit (87 percent), potatoes (53 percent) and wheat (44 percent).

FIGURE 24 shows that for each main crop commodity, the top three producers, combined, account for a significant share in the world total: 42–46 percent for wheat and potatoes; 59–68 percent for rice, maize and sugar cane; and 86 percent for oil palm fruit in 2023. For each crop, the top producer also has a sizeable share in the global output: in 2023, Brazil accounted for 39 percent of world sugar cane production;

the United States of America grew 31 percent of the global production for maize; China (which ranked in the top three producers for five of the six main crop commodities) produced 24–26 percent of the world output of potatoes and rice and 17 percent of the world output of wheat; and 59 percent of oil palm fruit production originated in Indonesia. Such a concentration can have a large impact on prices when harvests are affected – either positively or negatively – in the main producing countries that export part of their production.

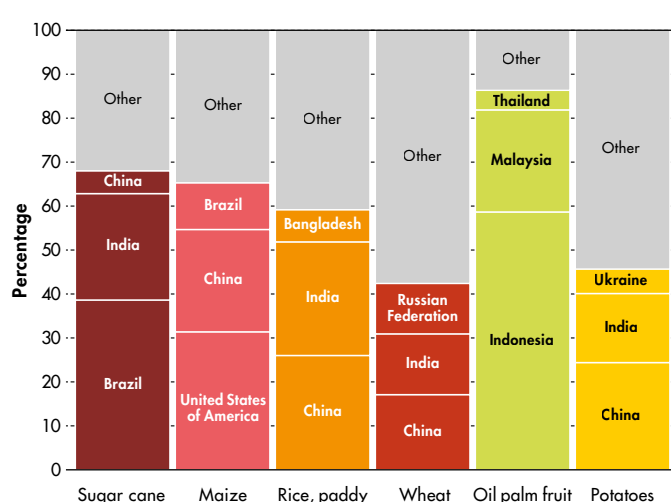
Most primary crops can be consumed unprocessed, but oil crops and sugar crops require processing to produce commodities used both as food and fuel. Therefore, they have an impact on nutrition and health, but also on energy and the environment.

FIGURE 23.
WORLD PRODUCTION OF PRIMARY CROPS BY MAIN COMMODITIES



Note: Percentages in the figure indicate the shares in the total; they may not tally due to rounding.
Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/QCL>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-fig23>

FIGURE 24.
WORLD PRODUCTION OF MAIN PRIMARY CROPS BY MAIN PRODUCERS (2023)



Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/QCL>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-fig24>

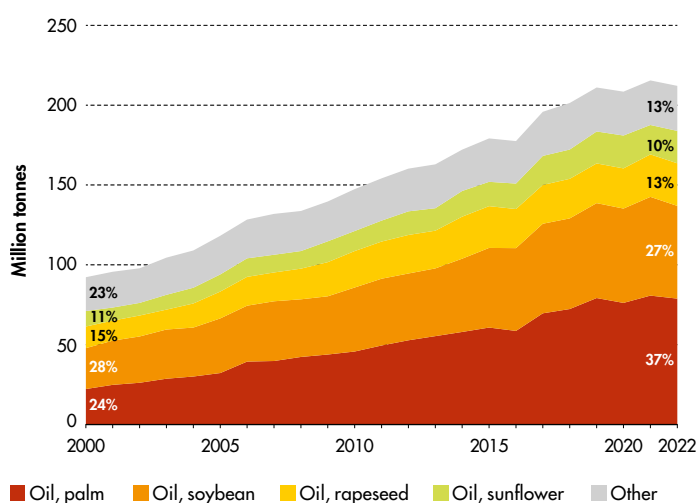
The global production of vegetable oils went up 130 percent between 2000 and 2022 to 212 million tonnes in 2022 (see **FIGURE 25** and **TABLE 22**). This is 120 million tonnes more than in 2000, but 3 million tonnes less than the peak observed in 2021. Palm oil registered the largest increase, both absolute and relative, as its production went up 57 million tonnes, or 255 percent; it overtook soybean oil as the main vegetable oil produced in 2006. The use of palm oil for biodiesel explains most of this spectacular growth.¹³ The other main vegetable oils produced in 2022 were rapeseed oil, accounting for 27 million tonnes (13 percent of global vegetable oil production), and sunflower oil, accounting for 20 million tonnes (10 percent).

As with primary crops, the production of the main vegetable oils is heavily concentrated in a handful of countries (see **FIGURE 26**). The concentration is highest with

palm oil, as 83 percent of global production came from two countries in 2022: Indonesia (59 percent) and Malaysia (23 percent). This mirrors the shares of the top producers of oil palm fruit shown in **FIGURE 24**. In 2022, the top three producers accounted for 65 percent of the production of soybean oil, 60 percent of the production of sunflower oil and 41 percent of the production of rapeseed oil. China was the main producer of soybean oil, with a share of 29 percent in 2022, and the United States of America was a distant second with a share of 21 percent. The difference between the first and second producer was similar for sunflower oil, as the Russian Federation produced 30 percent of the global oil output in 2022, compared with 23 percent for Ukraine. The output of the top three producers of rapeseed oil in 2022 was roughly the same (around 14 percent of the world total), with Germany slightly ahead of Canada.

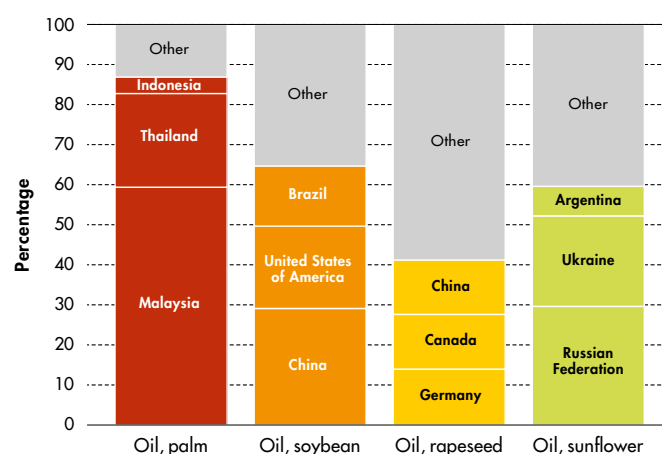
The global production of raw sugar reached a record-high 188 million tonnes in 2022, up 42 percent, or 55 million tonnes, compared with 2000 (see **FIGURE 27** and **TABLE 23**). Production went up 7 percent in 2022, largely due to increases by the three largest producers. Sugar cane, the main sugar crop, grows in tropical regions, so the main producing countries are located there. Brazil was the top sugar producer in 2022, accounting for 21 percent of the global total; production went up 12 percent between 2021 and 2022. India remained the second-largest producer (20 percent of the total), with a 9 percent increase in production between 2021 and 2022. Thailand registered a spectacular 76 percent increase in production in 2022, to 13 million tonnes (7 percent of the total). The other main producers each accounted for 3 to 5 percent of the total production in 2022, with the Russian Federation relying only on sugar beet for sugar production.

FIGURE 25.
WORLD PRODUCTION OF VEGETABLE OILS BY MAIN COMMODITIES



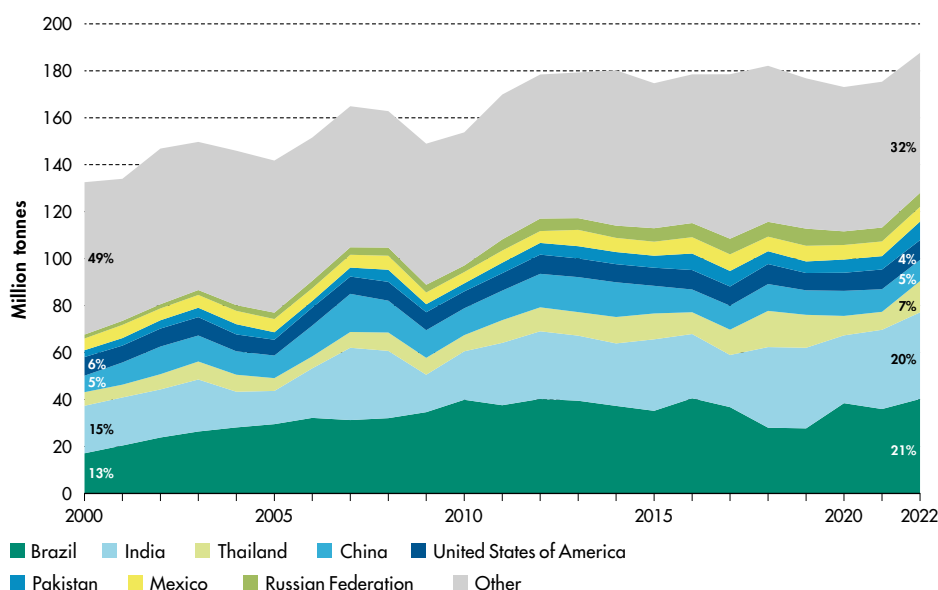
Note: Percentages in the figure indicate the shares in the total; they may not tally due to rounding.
Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/QCL>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-fig25>

FIGURE 26.
WORLD PRODUCTION OF MAIN VEGETABLE OILS BY MAIN PRODUCERS (2022)



Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/QCL>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-fig26>

FIGURE 27.
WORLD PRODUCTION OF RAW SUGAR BY MAIN PRODUCERS

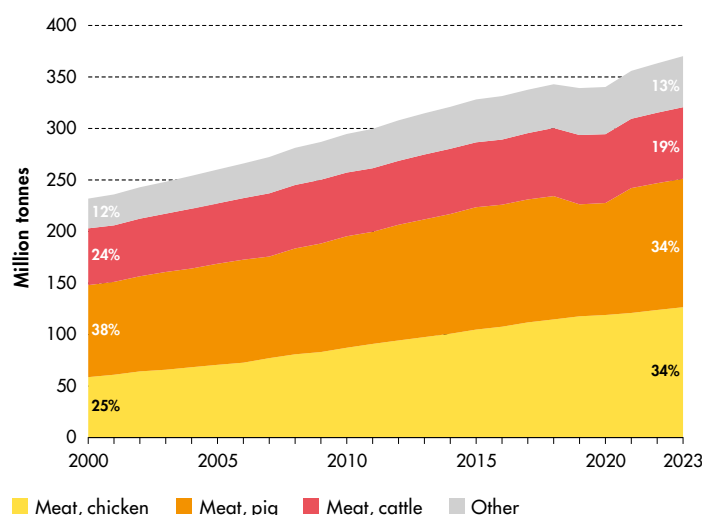


Note: Percentages in the figure indicate the shares in the total; they may not tally due to rounding.
Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/QCL>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-fig27>

PRODUCTION OF LIVESTOCK AND LIVESTOCK COMMODITIES

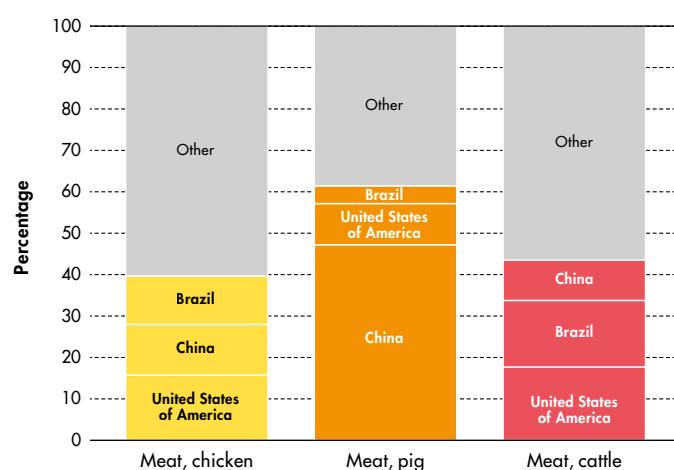
World meat production reached 370 million tonnes in 2023, up 60 percent, or 138 million tonnes compared with 2000 (see **FIGURE 28**). Although many species are raised for their meat, only three accounted for nearly 90 percent of the global production between 2000 and 2023: chicken, pig and cattle (not taking into account the different breeds for each). With 34.2 percent of the global production in 2023, chicken meat showed the largest growth in absolute and relative terms since 2000 (+116 percent, or 68 million tonnes) and was the most produced type of meat in 2023. Pig meat represented 33.7 percent of the total in 2023, compared with 38 percent in 2000. African swine fever started affecting Asian

FIGURE 28.
WORLD PRODUCTION OF MEAT BY MAIN ITEMS



Note: Percentages in the figure indicate the shares in the total; they may not tally due to rounding.
Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/QCL>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-fig28>

FIGURE 29.
WORLD PRODUCTION OF MAIN MEAT ITEMS BY MAIN PRODUCERS (2023)



Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/QCL>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-fig29>

countries in late 2018 and continued in 2019 and 2020. It resulted in an 11 million tonne decrease in world pig meat production between 2018 and 2019, with China being hardest hit, and kept constraining production in 2020. The rebound in pig meat production recorded in 2021 (to 121 million tonnes) continued in 2022 (to 123 million tonnes) and 2023 (to 125 million tonnes). The share of cattle meat dropped from 24 percent in 2000 to 19 percent in 2023.

The market concentration of meat production is not as high as that of primary crops and vegetable oils, even though in 2023 the top three producers accounted for 61 percent of world pig meat production, 44 percent of world cattle production and 40 percent of world chicken production (see **FIGURE 29** and **TABLE 24**). China, the United States of America and Brazil are the three largest producers for

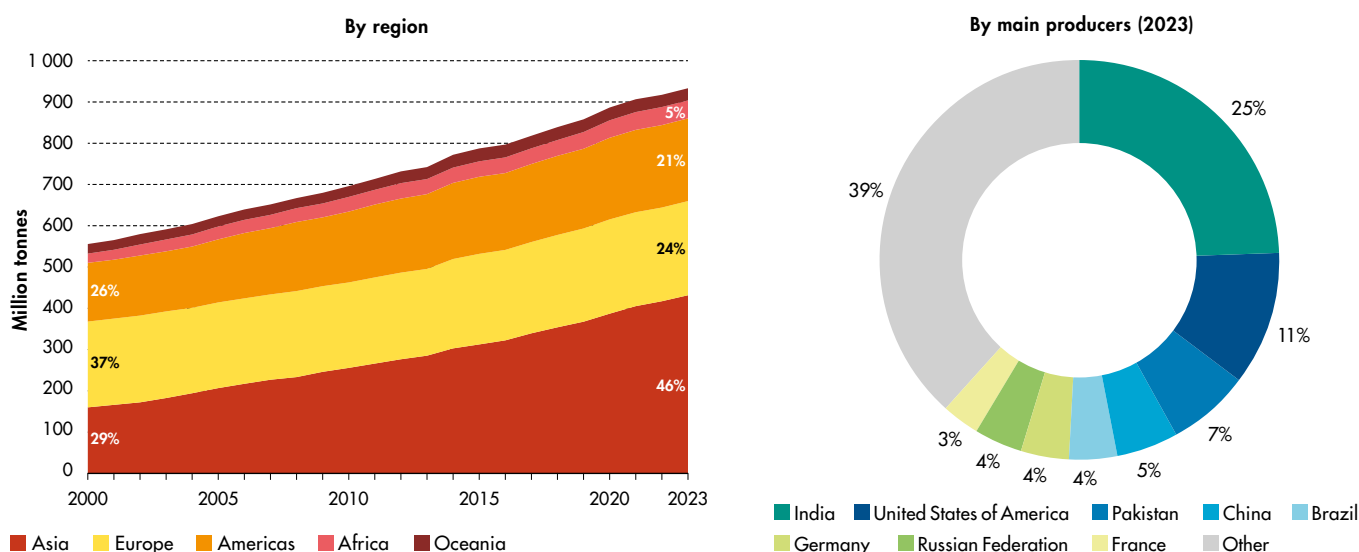
each main meat type: in particular, China accounted for 47 percent of world pig meat in 2023, and the United States of America produced 18 percent of world cattle meat and 16 percent of world chicken meat. The difference between the two countries is that meat production in China is mostly for the domestic market, whereas a significant share of US meat production (especially in the case of chicken) is exported.¹⁴

The global production of bovine milk (cattle and buffalo milk), which accounted for 96 percent of the global milk production in 2023, reached 933 million tonnes in 2023, an increase of 378 million tonnes, or 68 percent, compared with 2000 (see **FIGURE 30**). Asia was the largest milk-producing region in 2023 with a 46 percent share of the total, ahead of Europe (24 percent), the Americas (21 percent), Africa (5 percent) and Oceania (3 percent). Milk production in Asia went up

170 percent between 2000 and 2023 from 160 million tonnes to 432 million tonnes, mostly due to the increase in production in India (of 155 million tonnes), which was the largest producer with a 25 percent share of the global total in 2023. With an 11 percent share, the United States of America was the second largest producer; the other main producers (Pakistan, China, Brazil, the Russian Federation, Germany and France) each accounted for 3 to 7 percent of the global production. The combined share of the top three milk producers was 43 percent of the total; the share has been steadily increasing since 2000 (see **TABLE 25**).

In 2023, world hen egg production reached 91 million tonnes, a 77 percent increase from 2000 that translates into an additional 40 million tonnes over the period (see **FIGURE 31**). Production has been constrained since 2021 as outbreaks of highly pathogenic

FIGURE 30.
WORLD PRODUCTION OF BOVINE MILK

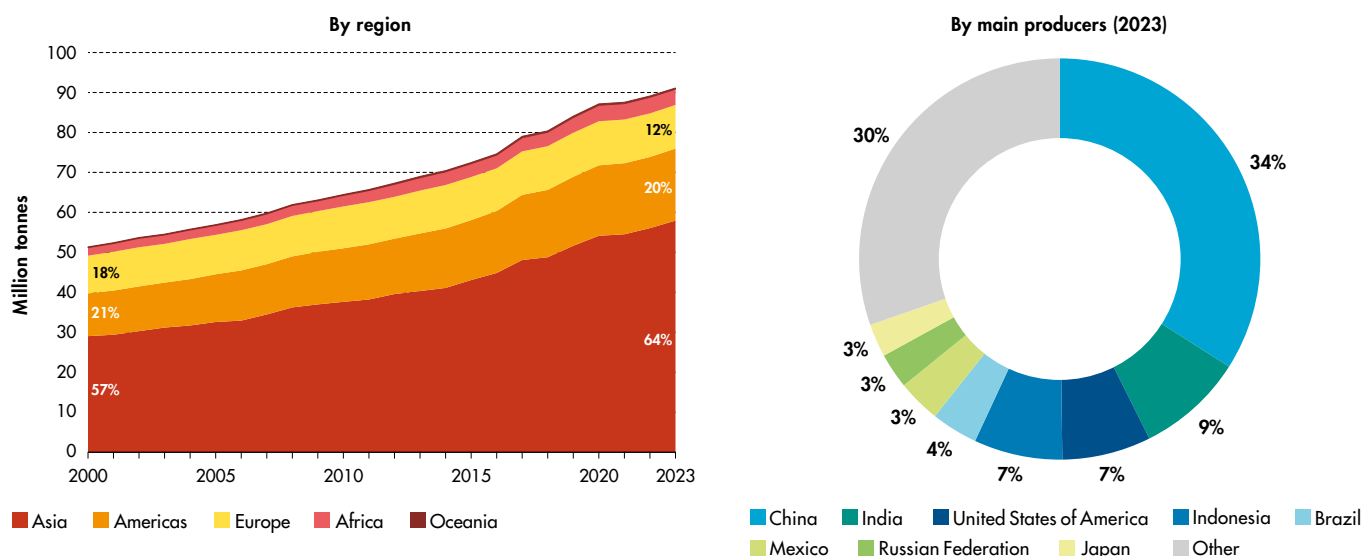


Note: Bovine milk comprises cattle and buffalo milk. Percentages in the figure indicate the shares in the total; they may not tally due to rounding.

Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/QCL>. Licence: CC-BY4.0.

Download: <https://doi.org/10.4060/cd4313en-fig30>

FIGURE 31.
WORLD PRODUCTION OF HEN EGGS



Note: Percentages in the figure indicate the shares in the total; they may not tally due to rounding.

Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/QCL>. Licence: CC-BY4.0.

Download: <https://doi.org/10.4060/cd4313en-fig31>

avian influenza (HPAI) in several countries reduced the number of egg-laying chickens. Asia was by far the main producing region, accounting for 64 percent of the global production in 2023, followed by the Americas (20 percent), Europe (12 percent), Africa (4 percent) and Oceania (0.4 percent). Production growth rates over the 2000–2023 period were around 70 percent for Oceania and the Americas, and nearly 100 percent for Asia and Africa, compared with 15 percent in Europe (see **TABLE 26**); as a result, its share in the world total dropped from 18 percent to 12 percent. With 34 percent of the total, China ranked as the largest hen-egg-producing country; the other main producers (India, the United States of America, Indonesia, Brazil, Mexico, Japan and the Russian Federation) combined barely surpassed it. Together, the top three producers accounted for nearly half the global hen egg production in 2023.

PRODUCTION OF THE FISHERIES AND AQUACULTURE SECTOR

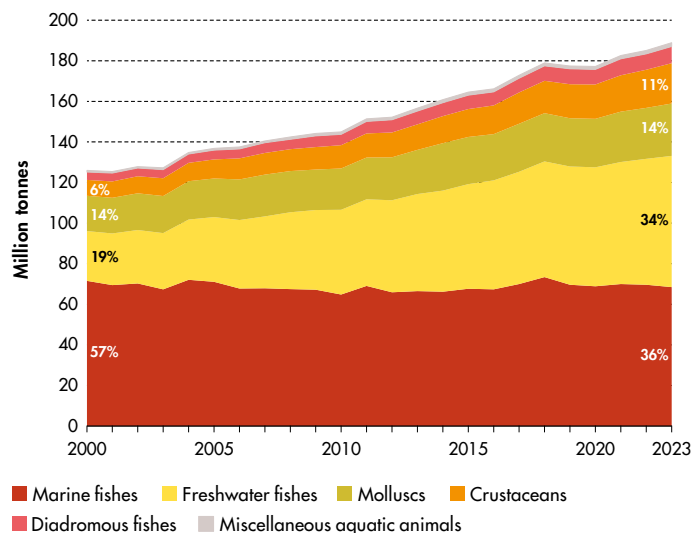
Excluding algae, world fisheries and aquaculture production grew by 50 percent between 2000 and 2023, reaching 189 million tonnes in 2023 and setting a new record following years of steady growth since 2020. This represents an overall expansion of 63 million tonnes compared with 2000. Global fisheries and aquaculture production (excluding algae) went up 2.1 percent between 2022 and 2023, compared with 1.4 percent between 2021 and 2022 and 3.0 percent between 2020 and 2021.

Thousands of species are harvested every year, with the quantities and specific species varying from country to country. Finfish (freshwater, diadromous and marine fish) had a share of 75 percent of the total in 2023, a slight decline compared with

79 percent in 2000. With 36 percent of the total, marine fish were the main group of species produced in 2023, followed by freshwater fish (34 percent), molluscs (14 percent) and crustaceans (11 percent) – see **TABLE 27**. Thanks to the expansion of aquaculture production, freshwater fish experienced major growth (+164 percent) between 2000 and 2023, going from about 25 million tonnes in 2000 (19 percent of the total) to 65 million tonnes in 2023 (34 percent of the total). Crustaceans (+154 percent) and diadromous fish (+112 percent) also experienced major increases.

The significant expansion of fisheries and aquaculture production came with many transformations, including an increasing dependence on aquaculture. In the last three decades, aquaculture has been the main driver of the increase in fisheries and aquaculture

FIGURE 32.
WORLD CAPTURE FISHERIES AND AQUACULTURE PRODUCTION
BY SPECIES GROUP

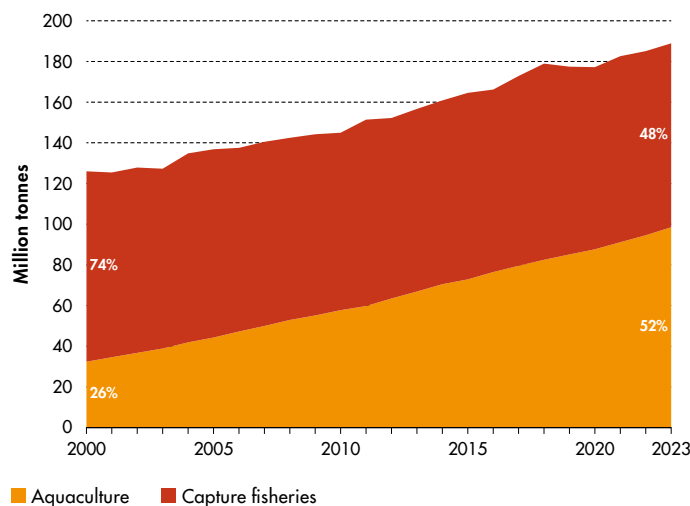


Note: : Excludes aquatic mammals, crocodiles, alligators and caimans, pearls and shells, corals, sponges and algae. Percentages in the figure indicate the shares in the total; they may not tally due to rounding.

Source: FAO. 2025. FishStat: Global production by production source 1950–2023. [Accessed on 28 October 2025]. In: FishStatJ. <https://www.fao.org/fishery/en/statistics/software/fishstatj>. Licence: CC-BY-4.0.

Download: <https://doi.org/10.4060/cd4313en-fig32>

FIGURE 33.
WORLD CAPTURE FISHERIES AND AQUACULTURE PRODUCTION
BY PRODUCTION SOURCE



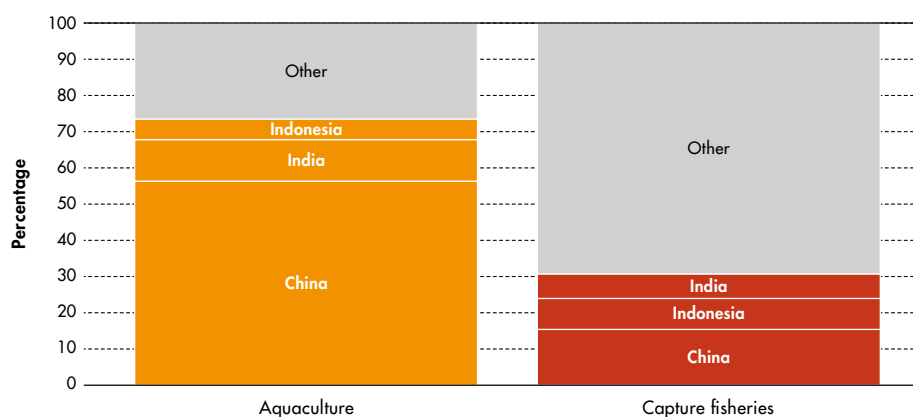
Note: Excludes aquatic mammals, crocodiles, alligators and caimans, pearls and shells, corals, sponges and algae. Percentages in the figure indicate the shares in the total; they may not tally due to rounding.

Source: FAO. 2025. FishStat: Global production by production source 1950–2023. [Accessed on 28 October 2025]. In: FishStatJ. <https://www.fao.org/fishery/en/statistics/software/fishstatj>. Licence: CC-BY-4.0.

Download: <https://doi.org/10.4060/cd4313en-fig33>

production, with an average growth of 5 percent per year between 2000 and 2023, reaching a record 98.5 million tonnes in 2023 and surpassing capture production in 2022. At the global level, after several decades of sustained growth, capture fisheries production has been rather stable at around 90 million tonnes since the early 1990s, with some interannual fluctuations in the range of 3 to 6 million tonnes. These fluctuations have been mainly due to variations in catches of anchoveta in South America, particularly affected by climatic change variability, but they also depend on the productivity of ecosystems, fishing intensity management, and fish stock status. In 2023, capture fisheries production reached 90.4 million tonnes (down from its 2018 peak of 96.4 million tonnes) representing

FIGURE 34.
WORLD CAPTURE FISHERIES AND AQUACULTURE PRODUCTION BY MAIN PRODUCERS (2023)



Note: Excludes aquatic mammals, crocodiles, alligators and caimans, pearls and shells, corals, sponges and algae.

Source: FAO. 2025. FishStat: Global production by production source 1950–2023. [Accessed on 28 October 2025]. In: FishStatJ. <https://www.fao.org/fishery/en/statistics/software/fishstatj>. Licence: CC-BY-4.0.

Download: <https://doi.org/10.4060/cd4313en-fig34>

48 percent of total fisheries and aquaculture production, while aquaculture accounted for 52 percent of the global total. The share of aquaculture in total production in 2023 varied significantly across continents, going from 65 percent in Asia to 24 percent in the Americas, 20 percent in Europe, 18 percent in Africa and 13 percent in Oceania.

As seen in **TABLE 28**, Asia played a major role in the overall growth of fisheries and aquaculture production and represented 72 percent of total production in 2023 compared with 57 percent in 2000. In 2023, the Americas had a share of 11 percent, followed by Europe (9 percent), Africa (7 percent) and Oceania (1 percent). China is by far the main producer for both capture fisheries and aquaculture, with a 37 percent share of the total production in 2023, compared with 30 percent in 2000. In 2023, other

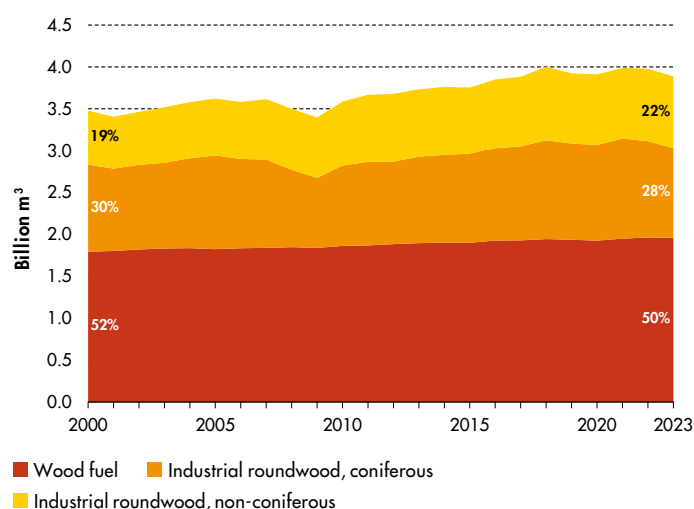
major producers for both capture fisheries and aquaculture were India and Indonesia; these three countries together represented 53 percent of total fisheries and aquaculture production. The overall share of the top three producers was 73 percent of aquaculture and 31 percent of capture fisheries in 2023. Despite this concentration of production, aquaculture has experienced growth across the world, with the unequal rates reflecting differences in local policy, management objectives, site opportunities and environmental factors.

In addition, 39.0 million tonnes of algae were produced in 2023, the bulk of which (97 percent) originated from culture-based practices. If algae are included, overall fisheries and aquaculture production reached 228 million tonnes in 2023, with aquaculture representing 60 percent of the total.

PRODUCTION OF THE FORESTRY SECTOR

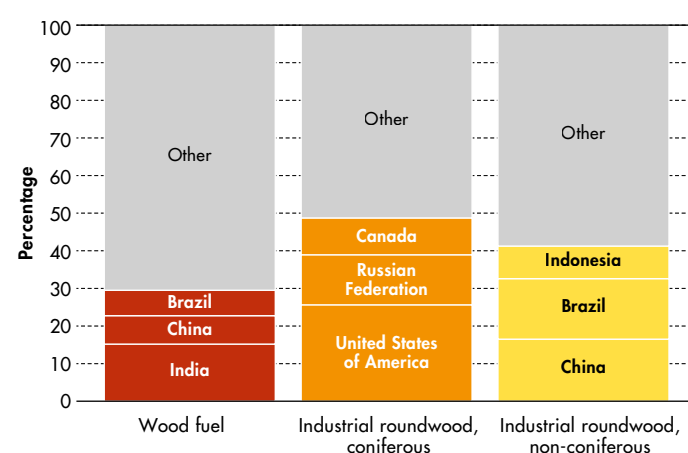
Global production of roundwood rose from 3.5 billion m³ in 2000 to 3.9 billion m³ in 2023, which represents a 12.0 percent increase over the 2000–2023 period and a 2.3 percent decrease compared with 2022 (see **FIGURE 35**). In 2023, wood fuel was the main product, with a 50 percent share (2 billion m³) of the total, followed by coniferous industrial roundwood with 28 percent (1.1 billion m³), and non-coniferous industrial roundwood with 22 percent (0.9 billion m³). The rebound has remained robust after the decline in coniferous industrial roundwood production in 2009, which resulted in the lowest total roundwood production since 2000. As seen in **TABLE 29**, Asia and the Americas are the two main producing regions, each accounting for 28–29 percent of the total roundwood production. Africa and Europe each contribute

FIGURE 35.
WORLD PRODUCTION OF ROUNDWOOD BY TYPE



Note: Percentages in the figure indicate the shares in the total; they may not tally due to rounding.
Source: FAO. 2024. FAOSTAT: Forestry Production and Trade. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/FO>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig35>

FIGURE 36.
WORLD PRODUCTION OF ROUNDWOOD BY TYPE
BY MAIN PRODUCERS (2023)



Source: FAO. 2024. FAOSTAT: Forestry Production and Trade [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/FO>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig36>

19–21 percent, while Oceania produces the remaining 2 percent.

The total share of the combined three main producers of roundwood commodities in 2023 was roughly 30 percent for wood fuel, 40 percent for non-coniferous industrial roundwood, and 50 percent for coniferous industrial roundwood (see **FIGURE 36**).

Many lower- and middle-income countries rely on wood for energy purposes (especially cooking). The largest producers are all in these income groups and have large populations with a high reliance on wood for energy: in 2023, India ranked first with 298 million m³ (15 percent of total production), followed by China

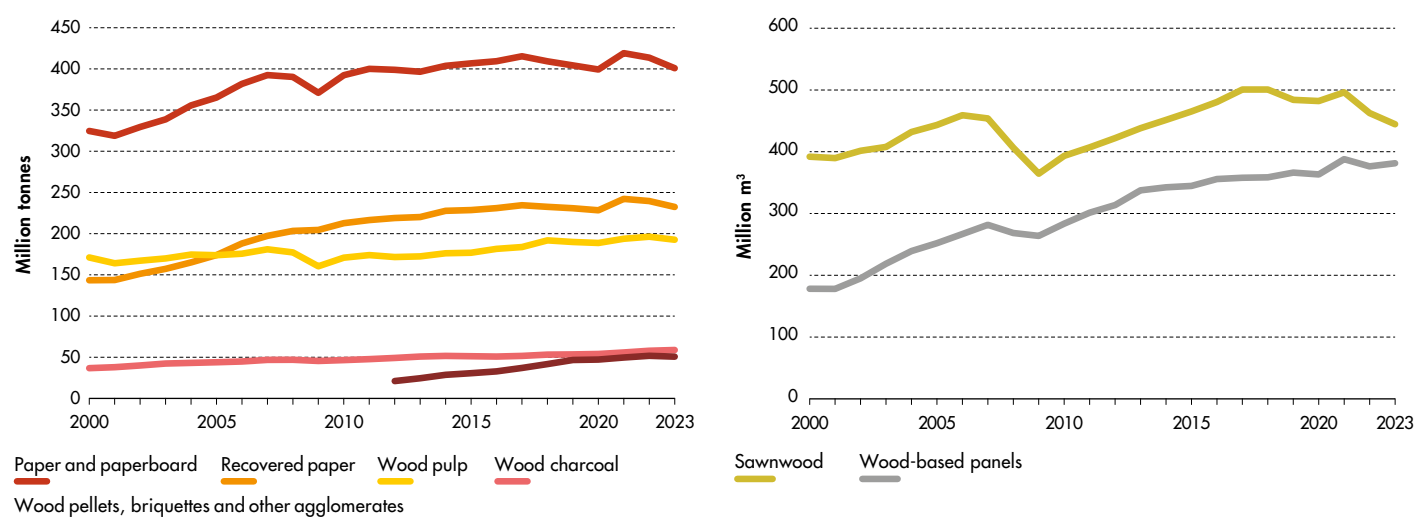
with 148 million m³ and Brazil with 132 million m³ (respectively 8 percent and 7 percent of global production). **TABLE 29** shows that five African countries are included in the top ten: these are, in descending order, Ethiopia, the Democratic Republic of the Congo, Nigeria, Ghana and Uganda.

The main industrial roundwood producers are all countries with a large forest area and a well-established logging industry. In the case of coniferous industrial roundwood, the top producers in 2023 were the United States of America, with a production of 274 million m³ (26 percent of the total production), followed by the Russian Federation with 142 million m³ (13 percent)

and Canada with 105 million m³ (10 percent). China led the production of non-coniferous industrial roundwood in 2023, with 141 million m³ (17 percent of the global production), followed by Brazil (138 million m³, or 16 percent) and Indonesia (74 million m³, or 9 percent).

Most of the main wood products saw their production decline in 2023 (see **FIGURE 37** and **TABLE 30**). The production of paper and paperboard was down by 3 percent compared with 2022, and by 4 percent from its 2021 peak to 419 million tonnes. Recovered paper production also fell by 3 percent, with a production of 232 million tonnes in 2023. The pandemic contributed to changes in paper demand and production. Many

FIGURE 37.
WORLD PRODUCTION OF SELECTED FOREST PRODUCTS



Source: FAO. 2024. FAOSTAT: Forestry Production and Trade. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/FO>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-fig37>

activities such as education and news consumption were curtailed or moved online, reducing the demand for graphic papers; however, the increase in online shopping and shipping contributed to an increase in the demand and production of other paper and paperboard. In total, between 2000 and 2023, paper and paperboard increased by 24 percent and recovered paper by 62 percent. Wood pulp production decreased by 2 percent to 193 million tonnes in 2022 compared with 2021 (but went up 13 percent compared with 2000). The production of wood charcoal reached 59 million tonnes

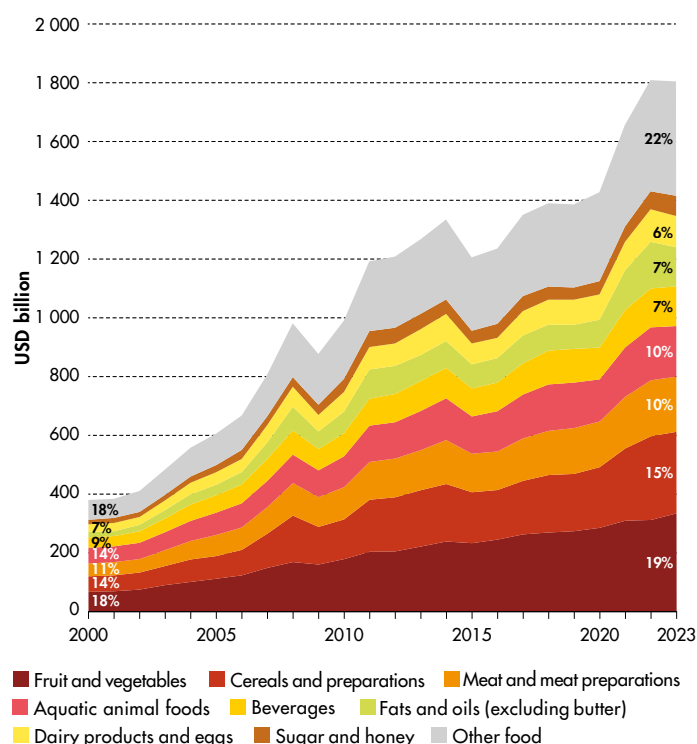
in 2022, up 60 percent from the 2000 level. Wood pellets, briquettes and other agglomerates, for which data collection started in 2012, show steady growth with a production of 51 million tonnes in 2023, an increase of 140 percent since the 21 million tonnes produced in 2012. World production of sawnwood made a strong recovery from its low point in 2009 and, after the 2021 rebound, decreased for two years in a row to 445 million m³ in 2023, up 13 percent compared with 2000. The production of wood-based panels, which had grown steadily between 2009 and 2019 and peaked

in 2021, dropped by 3 percent in 2022 but went up 1.4 percent in 2023. The 381 million m³ produced in 2023 represent a 114 percent increase from the 2000 production.

TRADE

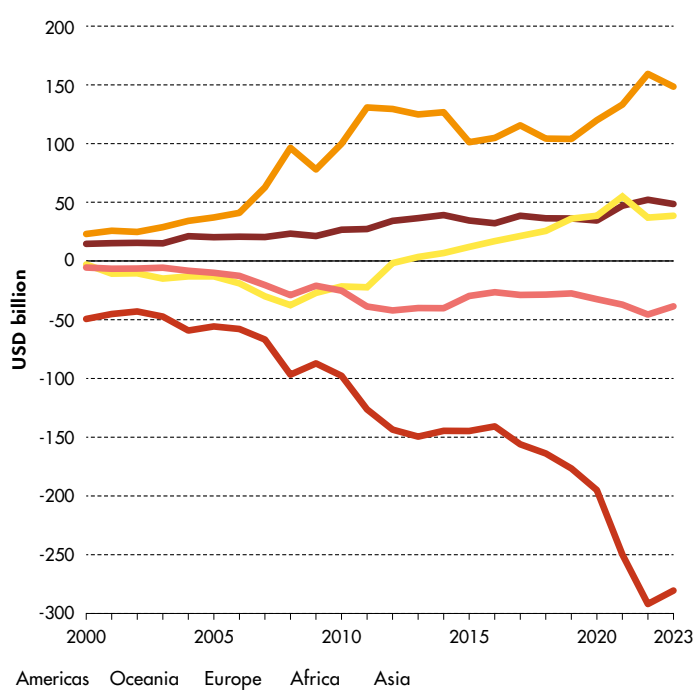
The monetary value of global food exports remained stable between 2022 and 2023 but multiplied by 4.7 in nominal terms between 2000 and 2023, from USD 380 billion in 2000 to USD 1.8 trillion in 2023, with significant increases in all food commodity groups, especially fats and oils (see **FIGURE 38**). Fruit and vegetables accounted for 19 percent

FIGURE 38.
VALUE OF WORLD FOOD EXPORTS BY GROUP



Note: Values for aquatic animal foods exclude trade of aquatic mammals, crocodiles, alligators and caimans, fishmeal, fish oil, ornamental fish, fish for culture and algae. Percentages in the figure indicate the shares in the total; they may not tally due to rounding.
Sources: FAO. 2024. FAOSTAT: Trade: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/TCL>. Licence: CC-BY-4.0; and FAO. 2025. FishStat: Global aquatic trade - All partners aggregated 1976–2023. [Accessed on 28 October 2025]. In: FishStatJ. <https://www.fao.org/fishery/en/statistics/software/fishstatj>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig38>

FIGURE 39.
FOOD NET TRADE BY REGION



Note: Values for aquatic animal foods exclude trade of aquatic mammals, crocodiles, alligators and caimans, fishmeal, fish oil, ornamental fish, fish for culture and algae.
Sources: FAO. 2024. FAOSTAT: Trade: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/TCL>. Licence: CC-BY-4.0; and FAO. 2024. FishStat: Global aquatic trade - All partners aggregated 1976–2023. [Accessed on 28 October 2025]. In: FishStatJ. <https://www.fao.org/fishery/en/statistics/software/fishstatj>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig39>

of the total value of food exports in 2023, followed by cereals and preparations (15 percent). Meat and aquatic animal foods each had a share of 10 percent. As seen in **TABLE 31**, the United States of America was the largest food exporter in 2023 with 8 percent of the total, followed by Brazil (7 percent) and the Kingdom of the Netherlands (6 percent).

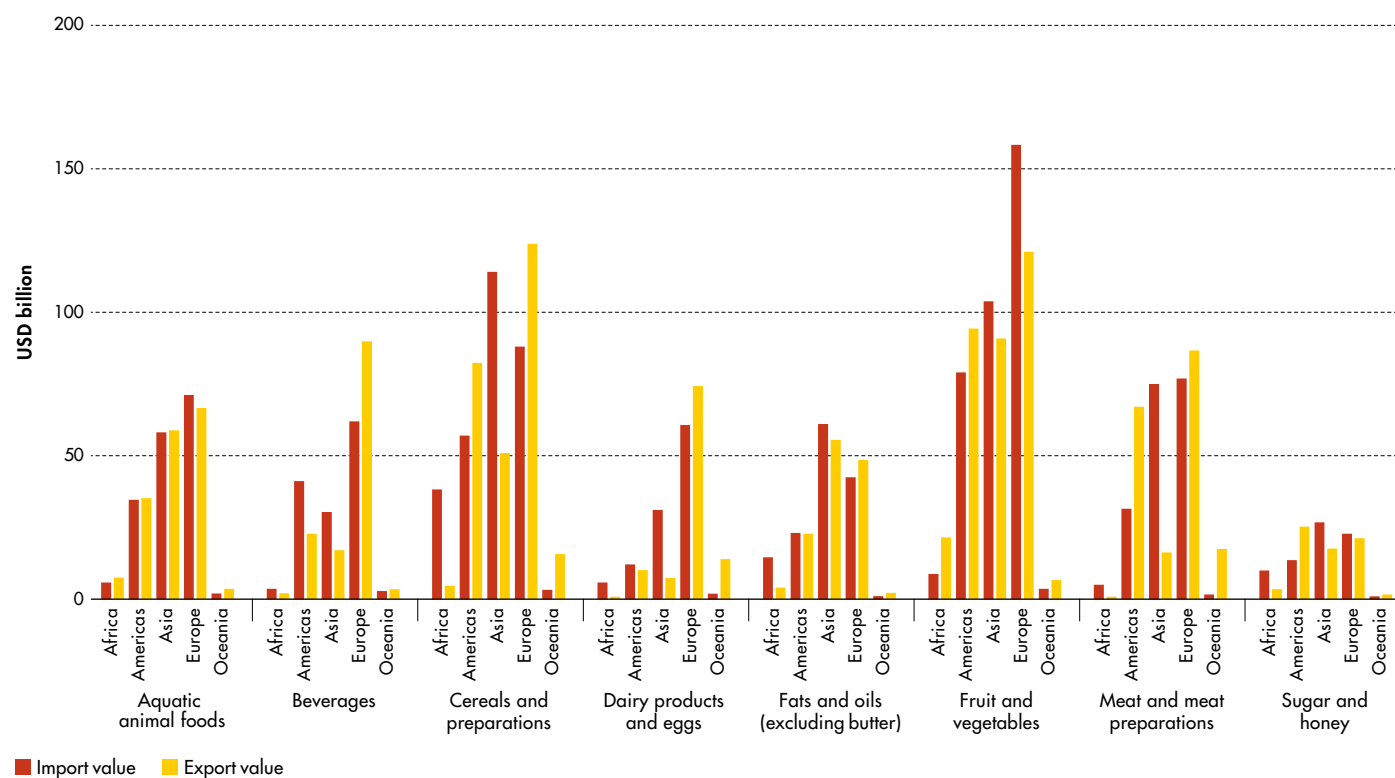
In terms of food net trade, defined as the nominal value of exports minus that of imports, two regions stand out: the Americas as the largest net exporter, with a USD 148 billion surplus in 2023, and Asia as the largest net importer, with a USD 281 billion deficit in 2023 (see **FIGURE 39**). Oceania remained a net exporter of food

during the 2000–2023 period and Africa a net importer. Europe was a net importer of food during most of the period but became a net exporter in 2013 and briefly overtook Oceania in 2020 and 2021; notably, its food net trade fell by 33 percent between 2021 and 2022 and remained relatively stable between 2022 and 2023. As seen in **TABLE 32**, the largest net exporting countries in 2023 are Brazil (+USD 115 billion), the Kingdom of the Netherlands (+USD 29 billion) and Australia (+USD 27 billion). As shown in **TABLE 31**, Brazil derives a large share of its food exports from soybeans (included in the “Other food” category); the Kingdom of the Netherlands from fruit and vegetables; and Australia from cereals. The largest

net importing countries are China (–USD 161 billion), the United States of America (–USD 56 billion) and Japan (–USD 55 billion). **TABLE 33** shows that fruit and vegetables account for the largest share of China’s and the United States of America’s food imports, while meat is Japan’s main food import.

Trade flows vary considerably between regions and commodity groups (see **FIGURE 40**). The largest individual flows are observed for Europe; in 2023, it imported USD 158 billion worth of fruit and vegetables and exported USD 124 billion worth of cereals and USD 121 billion worth of fruit and vegetables. Asia was the top importing region for cereals and preparations, fats and oils,

FIGURE 40.
FOOD IMPORTS AND EXPORTS BY MAIN GROUPS AND REGION (2023)



Note: Values for aquatic animal foods exclude trade of aquatic mammals, crocodiles, alligators and caimans, fishmeal, fish oil, ornamental fish, fish for culture and algae.

Sources: FAO. 2024. FAOSTAT: Trade: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/TCL>. Licence: CC-BY4.0; and FAO. 2025. FishStat: Global aquatic trade - All partners aggregated 1976–2023. [Accessed on 28 October 2025]. In: FishStatJ. <https://www.fao.org/fishery/en/statistics/software/fishstatj>. Licence: CC-BY4.0.

Download: <https://doi.org/10.4060/cd4313en-fig40>

and sugar and honey. For aquatic animal foods, beverages, dairy and eggs, fruit and vegetables, and meat and meat preparations, the main importer was Europe. For all commodity groups but two, Europe was the main exporter; Asia led for fats and oils, and the Americas led for sugar and honey. Cereals and preparations is the commodity group with the largest net trade deficit (USD 63 billion, for Asia) and the largest surplus (USD 36 billion, for Europe). In 2023, Asia was a net importer of all commodity groups except aquatic animal foods (even though the surplus for this group was marginal), and Africa was a net importer of all commodity groups except aquatic animal foods and fruit and vegetables. Oceania was a net exporter of all commodity groups in 2023. The Americas and Europe were net exporters of most

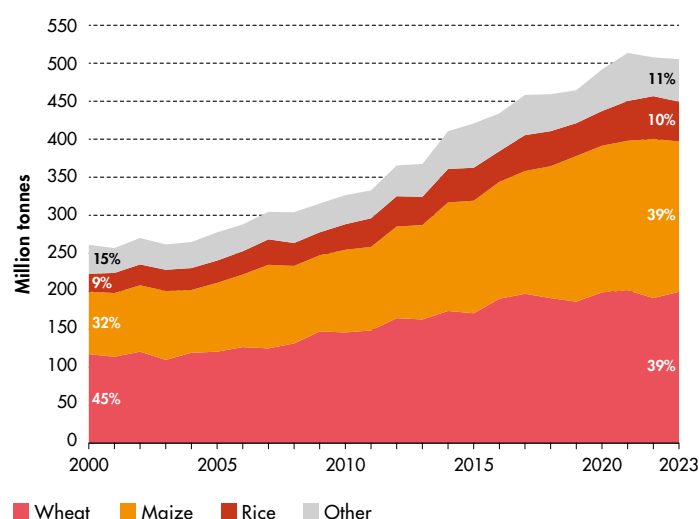
groups, but each had significant net imports in one category: the Americas had a deficit of USD 18 billion for beverages and Europe had one of USD 37 billion for fruit and vegetables.

Looking at the quantities instead of the values traded gives a vastly different picture. In that case, cereals are by a wide margin the most traded commodity group, with exports reaching 505 million tonnes in 2023 (see **FIGURE 41** and **TABLE 34**). This is 244 million tonnes, or 94 percent, more than in 2000. In 2023, wheat was the most exported cereal (39.4 percent), ahead of maize (39.2 percent). Together with rice (10 percent), these three crops accounted for 89 percent of all cereal exports in 2023, with the exports of maize and rice growing much faster

(+140 percent and +124 percent, respectively) than those of wheat (+70 percent) since 2000.

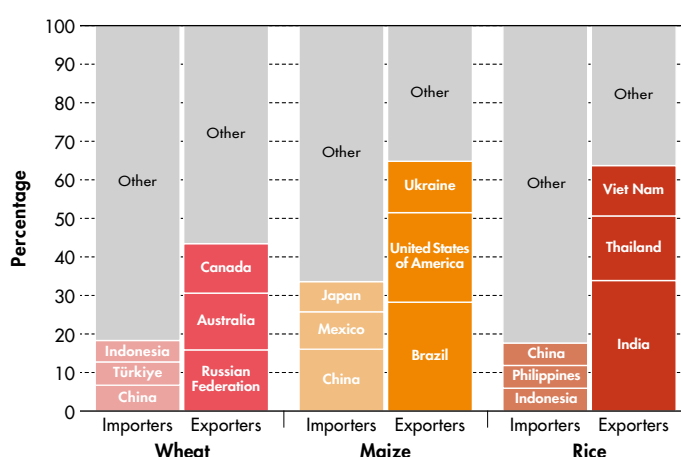
For each of the main traded cereals, exports tend to originate from a few countries, while imports are more dispersed (see **FIGURE 42**).¹⁵ In 2023, the top three exporters accounted for significant shares of the total exports: 65 percent for maize, 64 percent for rice and 43 percent for wheat. In comparison, the top three importers accounted for 18 percent of the total imports for wheat and rice, and 34 percent for maize. The main producers tend to also feature among the main exporters. China stands out as an exception, as a major producing country focusing on domestic demand since its exports are fairly small compared with its production (see **TABLE 21** and **TABLE 34**); it is also the largest

FIGURE 41.
WORLD EXPORTS OF CEREALS BY MAIN COMMODITIES



Note: Percentages in the figure indicate the shares in the total; they may not tally due to rounding.
Source: FAO. 2024. FAOSTAT: Trade: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/TCL>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig41>

FIGURE 42.
MAIN TRADED CEREALS, TOP IMPORTERS AND EXPORTERS (QUANTITIES, 2023)

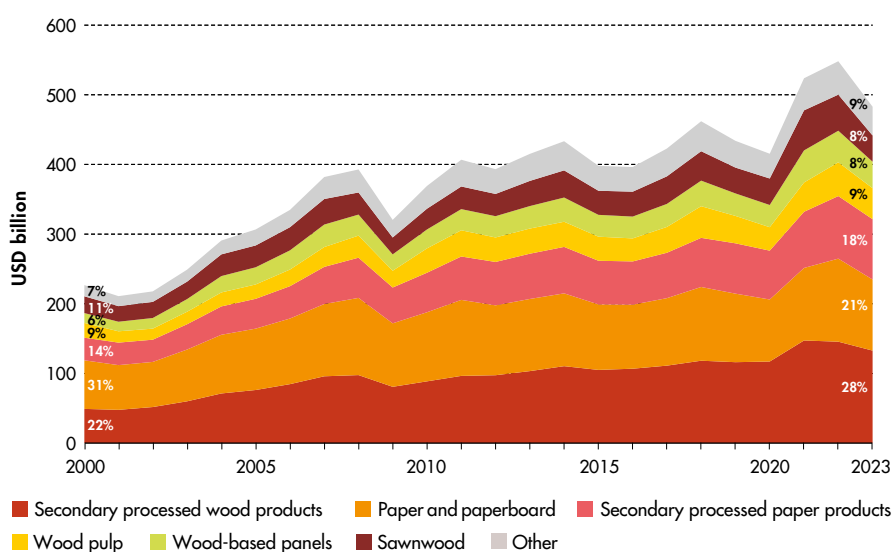


Source: FAO. 2024. FAOSTAT: Trade: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/TCL>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig42>

importer of maize and wheat, and the third largest importer of rice.

After two years of growth (+26 percent in 2021 and +5 percent in 2022), the nominal value of global forest products exports fell by 12 percent in 2023 to USD 483 billion. This represents an increase of USD 256 billion, or 113 percent, compared with 2000 (see **FIGURE 43** and **TABLE 36**). With 28 percent of the total value, secondary processed wood products was the most traded commodity in 2023, and its share increased from 22 percent in 2000. Paper and paperboard accounted for 21 percent of the total value, compared with 31 percent in 2000. Secondary processed paper products represented 18 percent of the value

FIGURE 43.
VALUE OF WORLD FOREST PRODUCT EXPORTS BY MAIN COMMODITIES



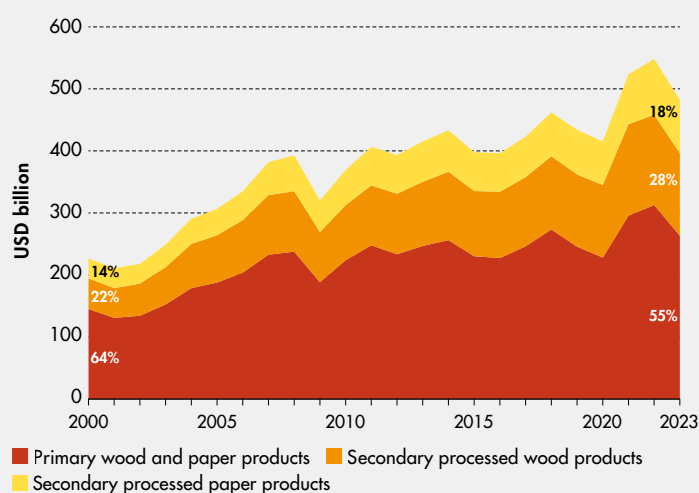
Note: Percentages in the figure indicate the shares in the total; they may not tally due to rounding.
Source: FAO. 2024. FAOSTAT: Forestry Production and Trade. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/FO>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig43>

BOX 1. FOCUS ON FORESTRY TRADE

The recent addition to FAOSTAT of trade data on secondary processed wood and paper products significantly improves the coverage of the information provided by the Food and Agriculture Organization of the United Nations (FAO). Since 2000, these products have accounted for an increasing share of forestry products trade.

Secondary processed wood products include wooden furniture, builder's joinery and carpentry of wood, and other manufactured wood products. Their exports went up 170 percent between 2000 and 2023, to USD 133 billion. Wooden furniture accounted for most of the value of the exports of this group of products. The main secondary processed paper products are packaging cartons and boxes, household and sanitary paper, and other articles of paper and paperboard. The export value of secondary processed paper products increased by 166 percent between 2000 and 2023, to USD 87 billion. Primary wood and paper products exports grew at a slower rate, by 81 percent during the same period, to USD 263 billion. As a result, their share in the total exports of forestry products fell from 64 percent in 2000 to 55 percent in 2023.

FIGURE B1. VALUE OF WORLD FOREST PRODUCT EXPORTS BY CATEGORY



Source: FAO. 2024. FAOSTAT: Forestry Production and Trade. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/FO>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-figb1>

of forestry exports in 2023, up from 14 percent in 2000. Wood pulp, wood-based panels and sawnwood each represented 8–9 percent of the total in 2023; their shares have remained rather stable since 2000.

PRICES

The Food and Agriculture Organization of the United Nations (FAO) Food Price Index measures the monthly change in international prices of a basket of food commodities. The index consists of the average of five commodity group price indices (cereals, dairy, meat, oils and sugar), weighted with the average export shares of each of the groups for the 2014–2016 period. Since January 2000, it went up 77.3 points to 130.1 points in August 2025 (see **FIGURE 44** and **TABLE 37**). The FAO Food Price

Index spiked in 2007/2008 during the food security crisis that saw the price of cereals reach record levels, especially rice and wheat. Food prices soared again in late 2010 and early 2011 (especially sugar and dairy). Overall, the period of sustained high prices lasted much longer than in the previous commodity price booms and busts with the return to the pre-surge price levels five years later in January 2016. The FAO Food Price Index declined during the early phase of the pandemic, reflecting uncertainties faced by commodity markets. However, it surged between May 2020 and March 2022 to 160.2 points, its highest value ever, due to a combination of factors including the effects of the COVID-19 pandemic on the supply chains; the rebound in

activity and demand experienced in 2021; and the disruption to exports of cereals and vegetable oils from the Russian Federation and Ukraine. The FAO Food Price Index then declined sharply between June 2022 and July 2022 – to a level close to that of February 2022 – and then more slowly, to 117.4 points in February 2024. Since then, it has gradually climbed back up to the level of early 2023.

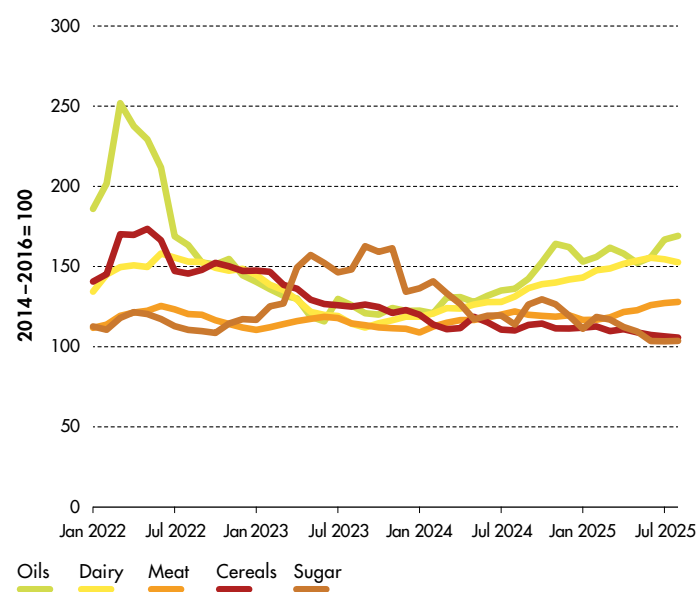
An important factor to note is that the overall trend of the FAO Food Price Index can mask a wide discrepancy of movements across sectors, as shown in **FIGURE 45**. The market fundamentals of supply and demand, as well as exchange rate dynamics, drive the evolution of international prices. The indices for meat and dairy show

FIGURE 44.
FAO FOOD PRICE INDEX, WORLD (2014–2016=100)



Source: FAO. 2025. FAO Food Price Index. In: FAO. Rome. [Cited 28 October 2025].
<https://www.fao.org/worldfoodsituation/foodpricesindex/en/>
Download: <https://doi.org/10.4060/cd4313en-fig44>

FIGURE 45.
FAO FOOD COMMODITY PRICE INDICES, WORLD (2014–2016=100)



Source: FAO. 2025. FAO Food Price Index. In: FAO. Rome. [Cited 28 October 2025].
<https://www.fao.org/worldfoodsituation/foodpricesindex/en/>
Download: <https://doi.org/10.4060/cd4313en-fig45>

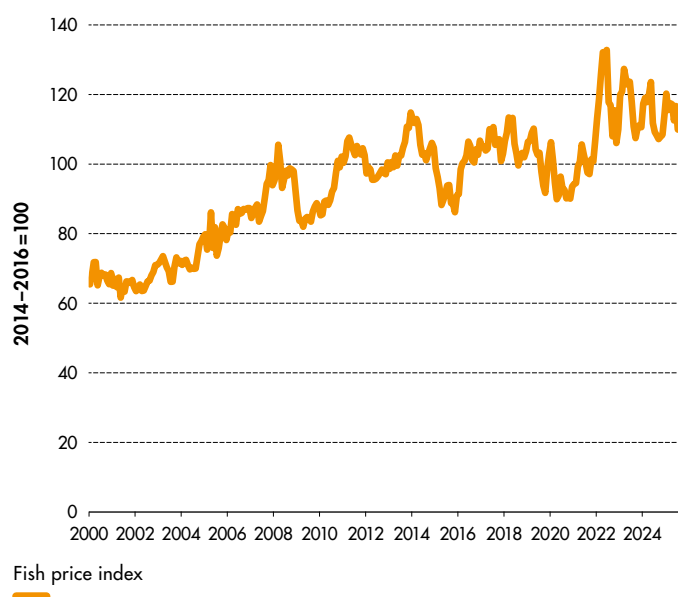
the largest increases since the beginning of 2022. The indices for cereals and oils peaked in the first half of 2022, as the war in Ukraine reduced the exports from the Russian Federation and Ukraine, both key exporters of wheat and sunflower oil. The resumption of Ukrainian exports and better production prospects contributed to the drop in the indices. While this drop continued until August 2025 for cereals, between February 2024 and August 2025 the oils index progressively returned to the level of July 2022. The index for sugar remained on a high plateau between April and

November 2023, fell sharply in December 2023, and was on an overall declining trend until August 2025, with a short-lived increase in September and October 2024.

The FAO Fish Price Index measures the monthly changes in international prices of a basket of fisheries and aquaculture commodities. The index consists of the average of five commodity group price indices (whitefish, salmon, tuna, other pelagic fish and shrimps) weighted by the average export shares of each of the groups for the 2014–2016 period. Since January 2000, it

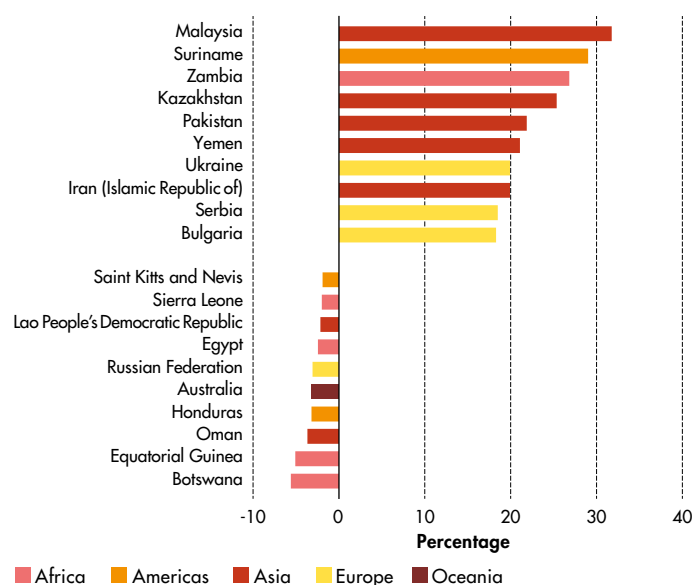
went up from 65.5 to 109.8 points in August 2025. However, it did not grow gradually over time but showed several periods of expansion and contraction (see **FIGURE 46**). Being an average, the index masks wide differences among species and across the aquaculture and capture fisheries sector, in addition to the dynamics of supply and demand and exchange rates. Over the first eight months of 2025, the subindex associated with salmon prices experienced a strong decrease compared with the same period in 2024, while all the other subindices were up.

FIGURE 46.
FAO FISH PRICE INDEX, WORLD (2014–2016=100)



Source: FAO. 2025. FAO Fish Price Index. In: FAO. [Cited 28 October 2025].
<https://www.fao.org/fishery/en/fishstat/fishpriceindex>.
Download: <https://doi.org/10.4060/cd4313en-fig46>

FIGURE 47.
ANNUAL CHANGES IN PRICES RECEIVED BY FARMERS, TOP AND
BOTTOM COUNTRIES (2024)



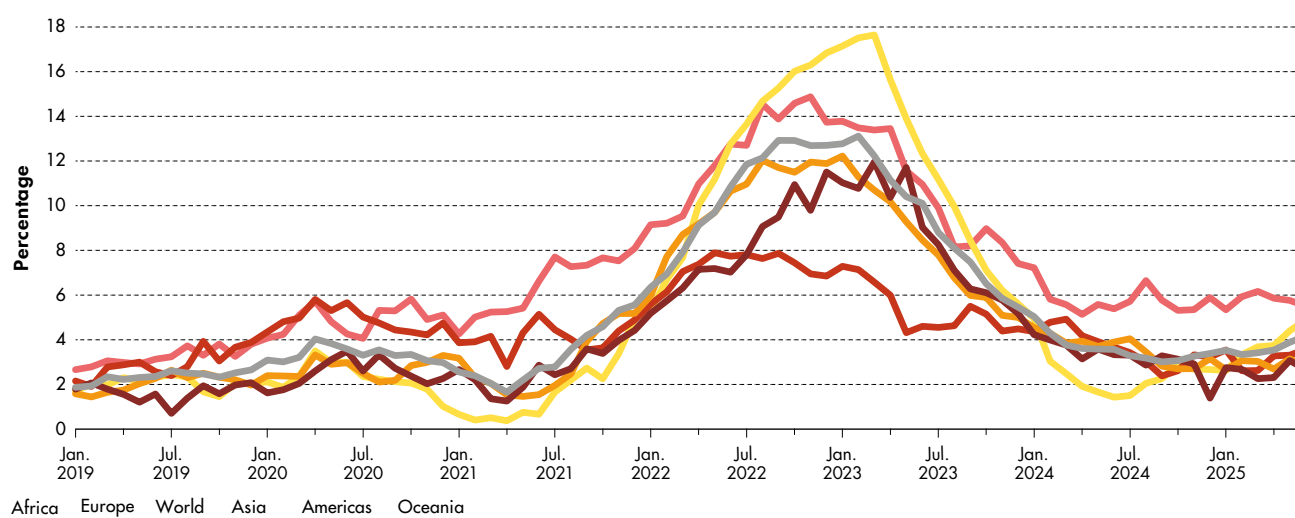
Note: Values for 2024 are projections based on nowcasts.
Source: Based on FAO. 2025. FAOSTAT: Producer prices. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/PP>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig47>

At the country level, changes in domestic prices received by agricultural producers varied between –6 percent (in Botswana) and +32 percent (in Malaysia) in 2024 compared with 2023 (see **FIGURE 47** and **TABLE 38**). The largest increases took place in Europe and Asia. Many factors can affect producer prices, including favourable or poor harvests compared with the previous year, production costs, market structure, subsidy schemes and external factors – as is the case, for instance, of economic sanctions against the Islamic Republic of Iran in 2018. The characteristics of the food supply chain (including the transformation of goods and the incorporation of services along the chain) play a key role in shaping the transmission of price shocks between producers and consumers. They can explain different rates of change in producer prices compared with consumer prices.

Food consumer price inflation fell sharply in all regions following the historically high levels reached in December 2022–January 2023, returning during the second half of 2024 to values similar to or lower than those observed in 2021. Food inflation then started to rise again, slowly in the case of the world average (it rose more rapidly in the case of Europe but remained stable in the other regions until June 2025) – see **FIGURE 48**. The world average fluctuated around 2.8 percent between January 2018 and July 2021, peaking at 4.0 percent at the beginning of the COVID-19 pandemic in April 2020. It then increased steeply from 1.7 percent in April 2021 to 13.1 percent in February 2023 due to higher demand (as the global economy bounced back from the pandemic) combined with persisting supply chain disruptions exacerbated by the war in Ukraine. Some of these tensions have eased and demand has slowed down as

central banks around the world raised their interest rates, leading the world average to fall to 3.0 percent in September 2024. However, it started to slowly rise again, reaching 4.2 percent in June 2025. The food inflation rate in Europe experienced the largest increase among all regions, from nearly zero in early 2021 to 17.6 percent in March 2023; it then fell to 1.4 percent in June 2024 but increased again, to 4.9 percent in June 2025. The trajectories observed in Oceania, the Americas and Africa are similar, as food inflation in these regions accelerated in 2022 to reach record-high levels of around 12–15 percent between November 2022 and March 2023. It decreased until mid- to late 2024 and then stabilized. The trend in Asia is different, as food inflation rose to 7.9 percent in May 2022, fell to 4.3 percent in May 2023, and then alternated between short periods of increase and decrease, falling to 2.7 percent in June 2025.

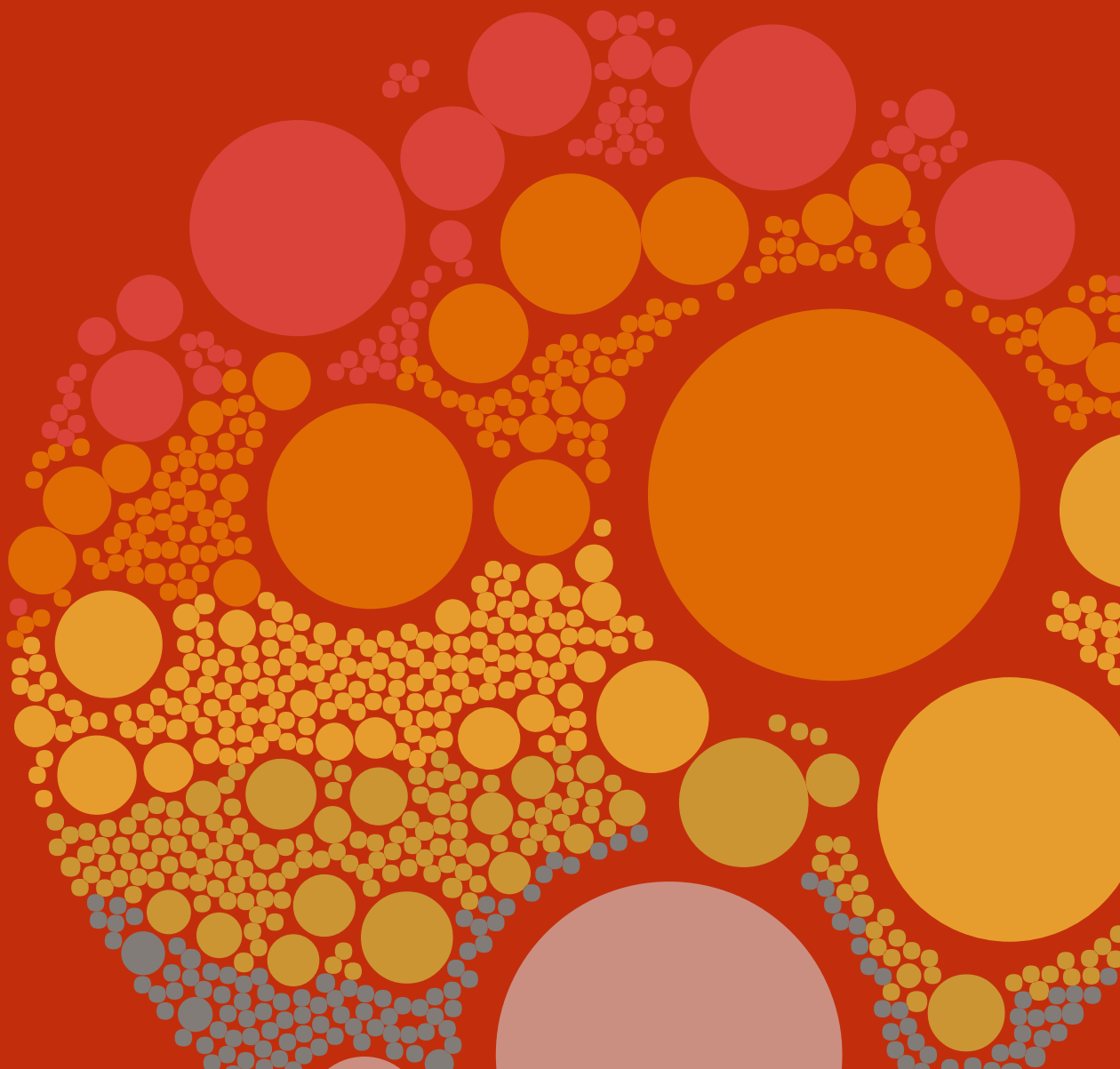
FIGURE 48.
INFLATION IN FOOD CONSUMER PRICES BY REGION



Note: The median is used to compute the global and regional aggregates.

Source: FAO. 2025. FAOSTAT: Consumer Price Indices. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/CP>. Licence: CC-BY-4.0.

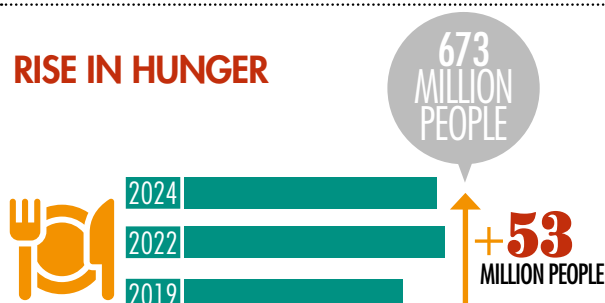
Download: <https://doi.org/10.4060/cd4313en-fig48>



CHAPTER 3

KEY FACTS

RISE IN HUNGER



Global hunger, measured by the prevalence of undernourishment, showed signs of decrease since 2022. It affected 8.2% of the population in 2024, or 673 million people, which is 53 million more people than in 2019, before the COVID-19 pandemic.

PREVALENCE OF UNDERNOURISHMENT



While Asia is the region with the largest number of undernourished people, Africa has the highest prevalence of undernourishment.

GENDER GAP IN FOOD INSECURITY



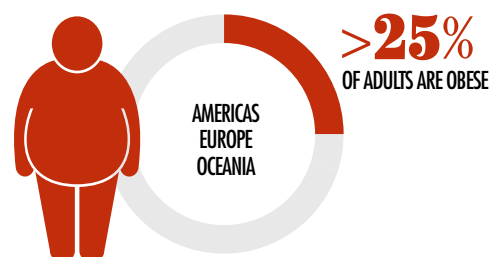
In every continent, the prevalence of moderate or severe food insecurity is slightly higher for women than for men, with the largest differences found in Latin America and the Caribbean.

DIETARY ENERGY SUPPLY



Since 2010, dietary energy supply increased the fastest in Asia, while it remained nearly unchanged in Africa.

INCREASE IN OBESITY



Obesity has increased in all regions. More than one in four adults in the Americas, Europe and Oceania were obese in 2022.

3 FOOD SECURITY AND NUTRITION

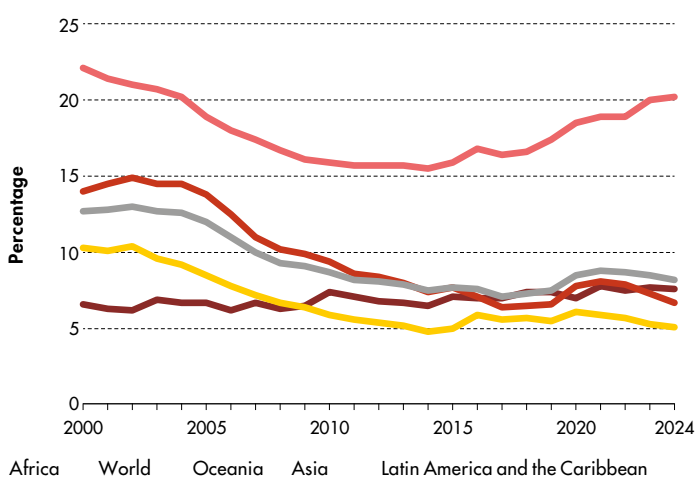
FOOD SECURITY

After a decades-long decline and five years of relative stability since 2014, updated global estimates of the prevalence of undernourishment (PoU) – Sustainable Development Goal (SDG) Indicator 2.1.1 – showed signs of a decrease in recent years after increasing sharply in 2020 and more slowly in 2021 (see **FIGURE 49** and **TABLE 40**). Hunger affected 8.2 percent of the world population in 2024, which is far above the pre-COVID-19 pandemic level of 7.5 percent estimated for

2019. The PoU is highest in Africa and increased marginally in 2024 to 20.2 percent. From 2023 to 2024, the PoU declined significantly in Asia (to 6.7 percent, driven by improvements in Southern and South-eastern Asia) and marginally in Latin America and the Caribbean (to 5.1 percent) and Oceania (to 7.6 percent), following steep increases from 2019 to 2021. This points to encouraging progress, although the PoU in Asia remained the second highest among all regions.

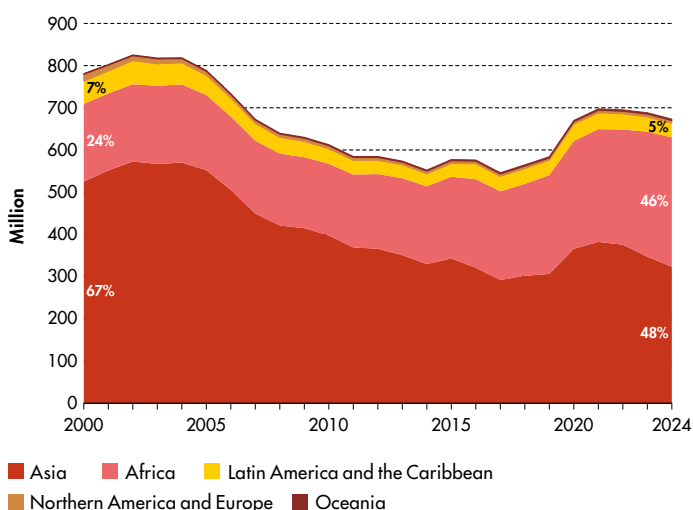
Between 638 million and 720 million people in the world faced hunger in 2024. Considering the point estimate (almost 673 million) this indicates a decrease of 15 million people compared with 2023 and 22 million people compared with 2022, but an increase of 53 million people compared to 2019 (see **FIGURE 50**). While its PoU is the second highest, Asia is home to 48 percent of the world's undernourished people due to its large population base, and two of the three countries with the largest number of undernourished

FIGURE 49.
PREVALENCE OF UNDERNOURISHMENT BY REGION



Note: The prevalence of undernourishment for Northern America and Europe is estimated to be less than 2.5 percent. The values for 2024 are projections based on nowcasts.
Source: FAO. 2025. FAOSTAT: Suite of Food Security Indicators. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/FS>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-fig49>

FIGURE 50.
NUMBER OF PEOPLE UNDERNOURISHED BY REGION



Note: Percentages in the figure indicate the shares in the total; they may not tally due to rounding. The values for 2024 are projections based on nowcasts.
Source: FAO. 2025. FAOSTAT: Suite of Food Security Indicators. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/FS>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-fig50>

people are in Asia (see **TABLE 41**). Nevertheless, the number of people facing hunger in Asia declined by 24 million since 2023 and 52 million since 2022. In Africa, nearly 307 million people were undernourished in 2024 (46 percent of the global total), an increase of 10 million people since 2023 and 34 million from 2022. By contrast, the undernourished population in Latin America and the Caribbean decreased by 2 million between 2022 and 2023, and by 1.5 million between 2023 and 2024, to 33.6 million. The number of people facing hunger in Oceania increased by 0.1 million people between 2022 and 2023, and remained stable in 2024, at 3.5 million.

In 2024, 10.1 percent of the world population (828.0 million people) was affected by severe food insecurity based on the

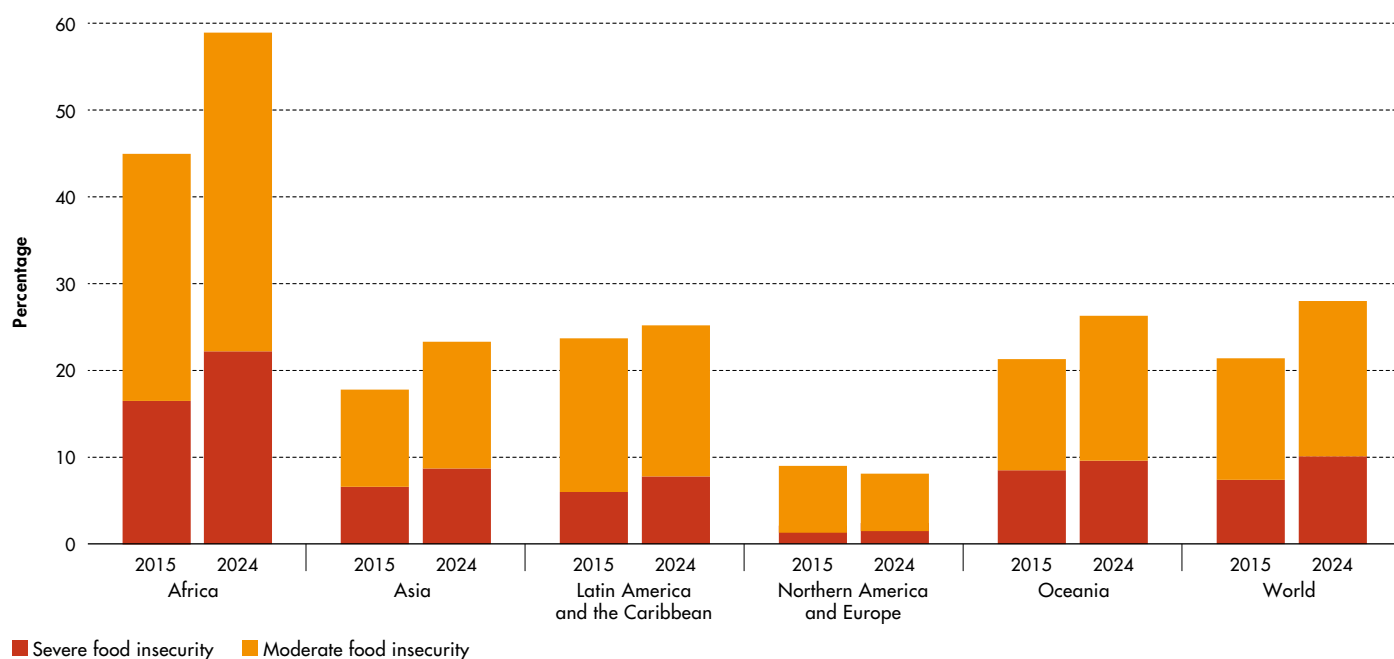
Food Insecurity Experience Scale (FIES) (see **FIGURE 51**). The levels and trends are broadly consistent with those of the PoU, confirming that these two indicators complement each other as they both measure the extent of severe food deprivation. The prevalence of moderate or severe food insecurity (SDG Indicator 2.1.2) goes beyond hunger; it provides information on people who do not have regular access to nutritious and sufficient food, even if they may not necessarily be suffering from hunger. In 2024, an estimated 28.0 percent of the world population, or 2.28 billion people, has experienced food insecurity at moderate or severe levels.

Similar to the PoU, moderate or severe food insecurity experienced a steep increase

between 2019 and 2020 (greater than that of the previous five years combined) and has declined very gradually since 2021.¹⁶ As seen in **FIGURE 51**, moderate or severe food insecurity is much higher in Africa than in any other part of the world, affecting 58.9 percent of the population in 2024. This is followed by Oceania (26.3 percent), Latin America and the Caribbean (25.2 percent), Asia (23.3 percent) and Northern America and Europe (8.1 percent).

FIES data collected by FAO since 2014 in more than 140 countries at the individual (rather than household) level provide a unique opportunity to produce gender-disaggregated estimates for the prevalence of food insecurity in the adult

FIGURE 51.
FOOD INSECURITY LEVELS BASED ON THE FOOD INSECURITY EXPERIENCE SCALE BY REGION



Source: FAO. 2025. FAOSTAT: Suite of Food Security Indicators. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/FS>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig51>

population. In Asia, Latin America and the Caribbean, Northern America and Europe, and in the world as a whole, the prevalence of severe food insecurity and of moderate or severe food insecurity is slightly higher in adult women than in adult men – the differences being statistically significant (**FIGURE 52**).

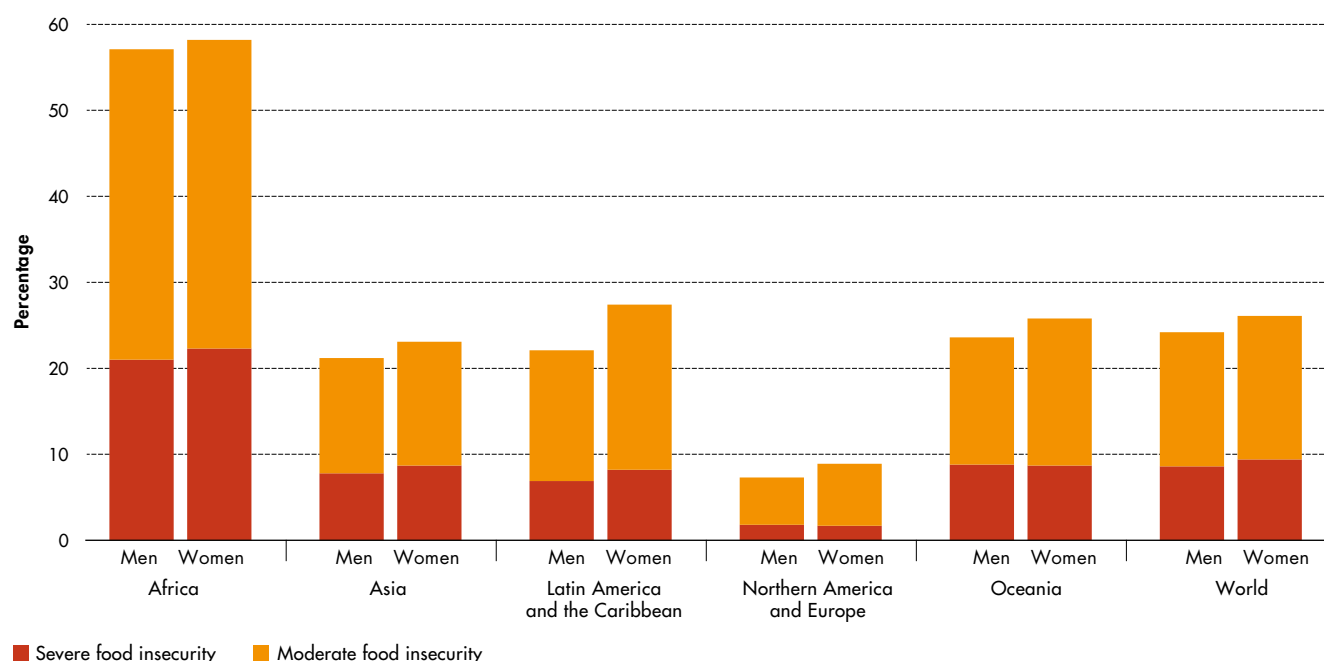
The largest differences are found in Latin America and

the Caribbean (1.3 percentage points for severe food insecurity and 5.3 percentage points for moderate or severe food insecurity). This gender gap, which had widened considerably in the world and most regions in the wake of the COVID-19 pandemic (and most notably in 2021), narrowed in 2022 and 2023 but widened again in 2024.

As the FIES data collected starting in 2022 were georeferenced, the

prevalence of food insecurity in the adult population can also be disaggregated by Degree of Urbanization (DEGURBA) between rural, peri-urban and urban areas. At the global level, food security improves as the degree of urbanization increases: in 2024, moderate or severe food insecurity affected 32.0 percent of adults living in rural areas compared with 28.6 percent in peri-urban areas and 23.9 percent in urban areas.¹⁷

FIGURE 52.
FOOD INSECURITY LEVELS BY REGION AND SEX (2024)



Source: FAO. 2025. FAOSTAT: Suite of Food Security Indicators. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/FS>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig52>

COST AND AFFORDABILITY OF A HEALTHY DIET

The cost of a healthy diet links food security aspects with nutrition outcomes. It is an estimate of the average minimum cost of acquiring a healthy diet in a country. Such a diet is defined as being composed of a variety of foods and food groups; adequate in essential nutrients and bioactive compounds important for health; balanced across macronutrients; and moderate in dietary components that are detrimental to health if consumed in excess.

The global average cost of a healthy diet steadily increased between 2017 (when estimates started to be calculated) and 2024, from 3.14 purchasing power parity (PPP) dollars per person per day to 4.46 PPP dollars. In 2024, the cost of a healthy diet was highest in Latin America and the

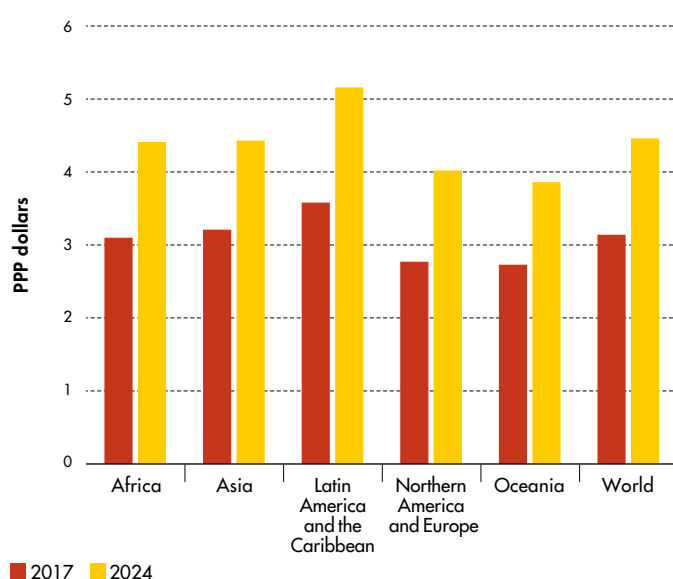
Caribbean (5.16 PPP dollars), followed by Asia (4.43 PPP dollars), Africa (4.41 PPP dollars), Northern America and Europe (4.02 PPP dollars) and Oceania (3.86 PPP dollars) (FIGURE 53). It increased by 38–45 percent in all regions between 2017 and 2024, with the largest yearly increases observed between 2021 and 2022, when inflation rose to record levels in all regions, and between 2022 and 2023, when inflation started to recede.

The decrease in the proportion of the world population unable to afford a healthy diet, which started in 2021, continued in 2024 even though food prices in general and the cost of a healthy diet increased. In 2024, 31.9 percent of the global population could not afford a healthy diet, compared to 36.9 percent in 2020 and 38.4 percent in 2017. In 2024, unaffordability was the

highest in Africa (66.6 percent), and much lower in Asia (28.1 percent), Latin America and the Caribbean (27.4 percent), Oceania (19.6 percent) and Northern America and Europe (5.0 percent). The recent trends differed significantly between regions: unaffordability increased in Africa between 2022 and 2024 by 1.8 percentage points; decreased significantly in Asia (by 3.4 percentage points); and decreased marginally in Latin America and the Caribbean, Northern America and Europe, and Oceania (by 0.3–0.5 percentage point).

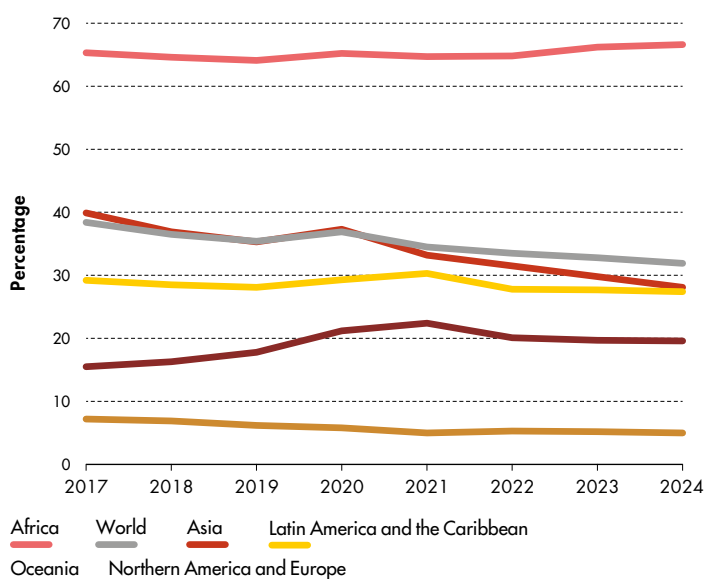
The number of people unable to afford a healthy diet in the world fell from 2.93 billion in 2017 to 2.60 billion in 2024 (FIGURE 55). While the COVID-19 pandemic offset most of the progress made between 2017 and 2019 the economic recovery

FIGURE 53.
COST OF A HEALTHY DIET BY REGION



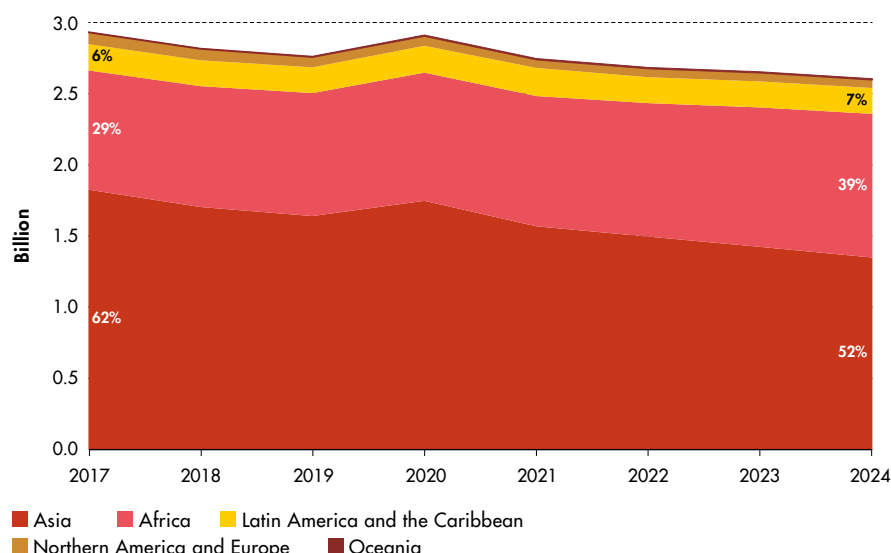
Source: FAO. 2025. FAOSTAT: Cost and Affordability of a Healthy Diet (CoAHD). [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/CAHD>. Licence: CC-BY-4.0.
<https://doi.org/10.4060/cd4313en-fig53>

FIGURE 54.
PROPORTION OF THE POPULATION UNABLE TO AFFORD A HEALTHY DIET BY REGION



Source: FAO. 2025. FAOSTAT: Cost and Affordability of a Healthy Diet (CoAHD). [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/CAHD>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig54>

FIGURE 55.
NUMBER OF PEOPLE UNABLE TO AFFORD A HEALTHY DIET BY REGION



Source: FAO. 2025. FAOSTAT: Cost and Affordability of a Healthy Diet (CoAHD). [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/CAHD>. Licence: CC-BY-4.0.
 Download: <https://doi.org/10.4060/cd4313en-fig55>

from the pandemic put healthy diets within reach of 165 million more people in 2021, and 142 million people between 2021 and 2024. More than half of the people unable to afford a healthy diet in 2024 (52 percent) lived in Asia, even though the region recorded the largest absolute decrease since 2017 (–477 million people). In contrast, the number of people unable to afford a healthy diet increased in Africa to 1.01 billion in 2024 (39 percent of the total compared with 29 percent in 2017). Latin America and the Caribbean saw a marginal decrease from 2017, to 182 million in 2024 (7 percent of the total). The largest relative decrease between 2017 and 2024 was observed in Northern America and Europe (–30 percent), to 56 million people, while the largest relative increase took place in Oceania (+38 percent, to 9 million).

FOOD SUPPLY

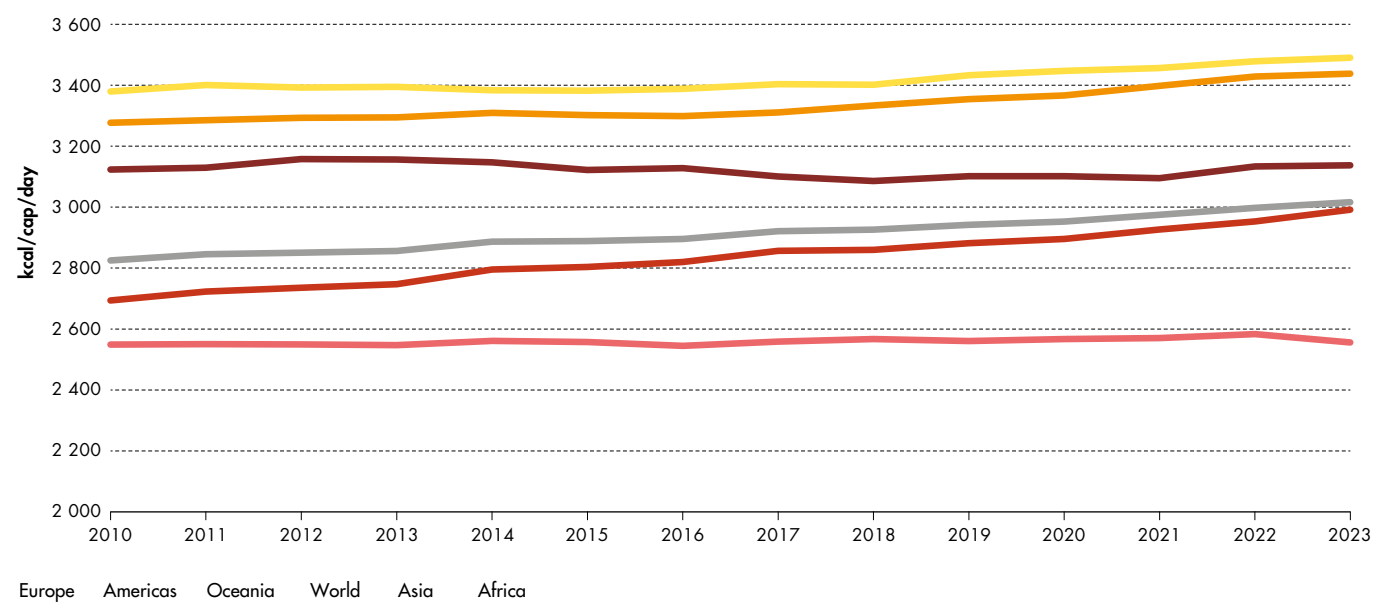
The world average dietary energy supply (DES), a measure of food availability expressed in calories per capita per day, has been increasing steadily to 3 016 kcal per person per day in 2023, up 7 percent compared with 2010 (see **FIGURE 56**). This is the first time it is above the threshold of 3 000 kcal per person per day. In 2023, the DES was the highest in Europe and the Americas at 3 490 kcal per person per day and 3 438 kcal per person per day, respectively. Oceania had the third-largest DES in 2023 (3 137 kcal per person per day). The fastest increase took place in Asia, where the DES went up 11 percent since 2010 to 2 991 kcal per person per day. The DES in Africa was the lowest among all regions throughout the 2010–2023 period and remained mostly flat, with an increase of just 0.3 percent between 2010 and

2023 to 2 556 kcal per person per day. The discrepancies between countries and within regions can be significant: the United States of America had the highest DES in 2023 (3 947 kcal per person per day), 2.2 times that of Yemen (1 811 kcal per person per day), which had the lowest DES in the world, and twice that of Haiti (1 959 kcal per person per day), which had the lowest DES in the Americas.

Given the importance of cereals as staple foods worldwide (see **FIGURE 58**) and the discrepancy between consumption and production in many countries, a measure of food security is the cereal imports dependency ratio, defined as the net trade of cereals (imports minus exports) divided by the total cereal supply in a country (the country's own production plus the imports minus the exports). Among the most cereal import-dependent countries in the period from 2021 to 2023 are small island developing states¹⁸ and countries in the Near East, where the natural conditions are not favourable to cereal production (see **FIGURE 57** and **TABLE 48**).

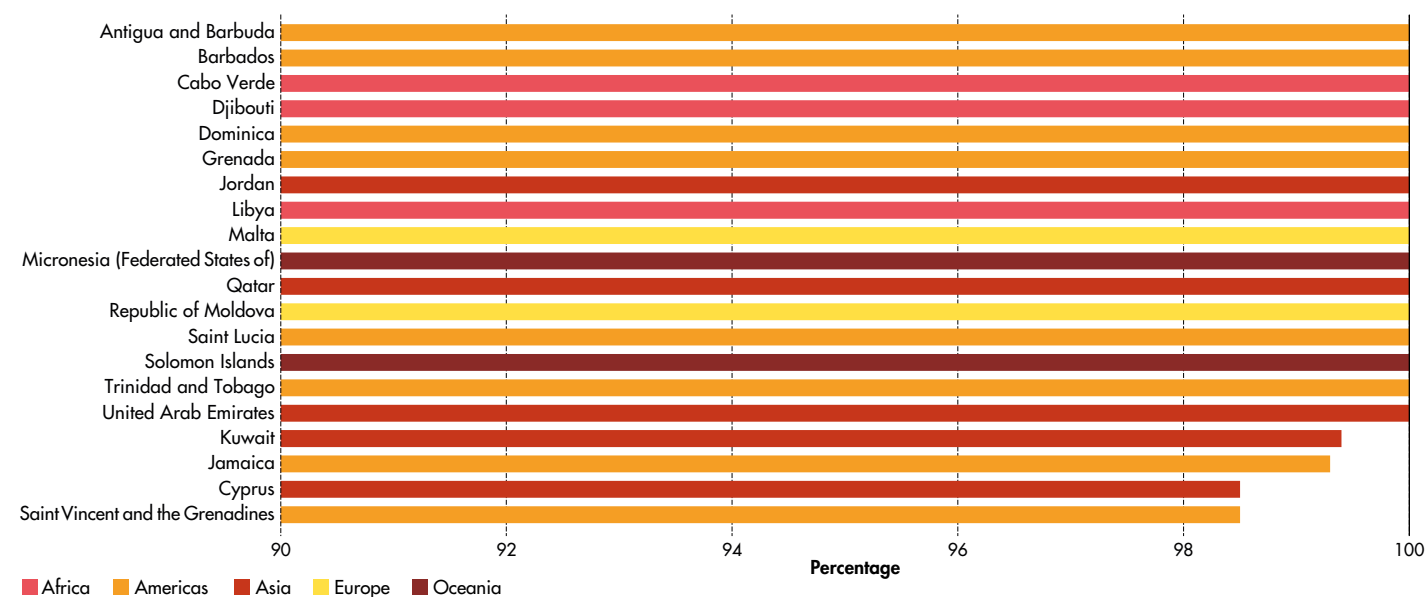
The composition of the dietary energy supply, detailed in food balance sheets, varies greatly between the regions, with some evolutions between 2010 and 2023 (see **FIGURE 58** and **TABLE 49**). Cereals were the most important contributor to the dietary energy supply in all regions (even though their share decreased for the world as a whole and for most regions), with shares in 2023 ranging from 23 percent in Oceania to 48 percent in Asia. Oilcrops, fats and oils was the second major food group in all the regions except

FIGURE 56.
AVERAGE DIETARY ENERGY SUPPLY BY REGION



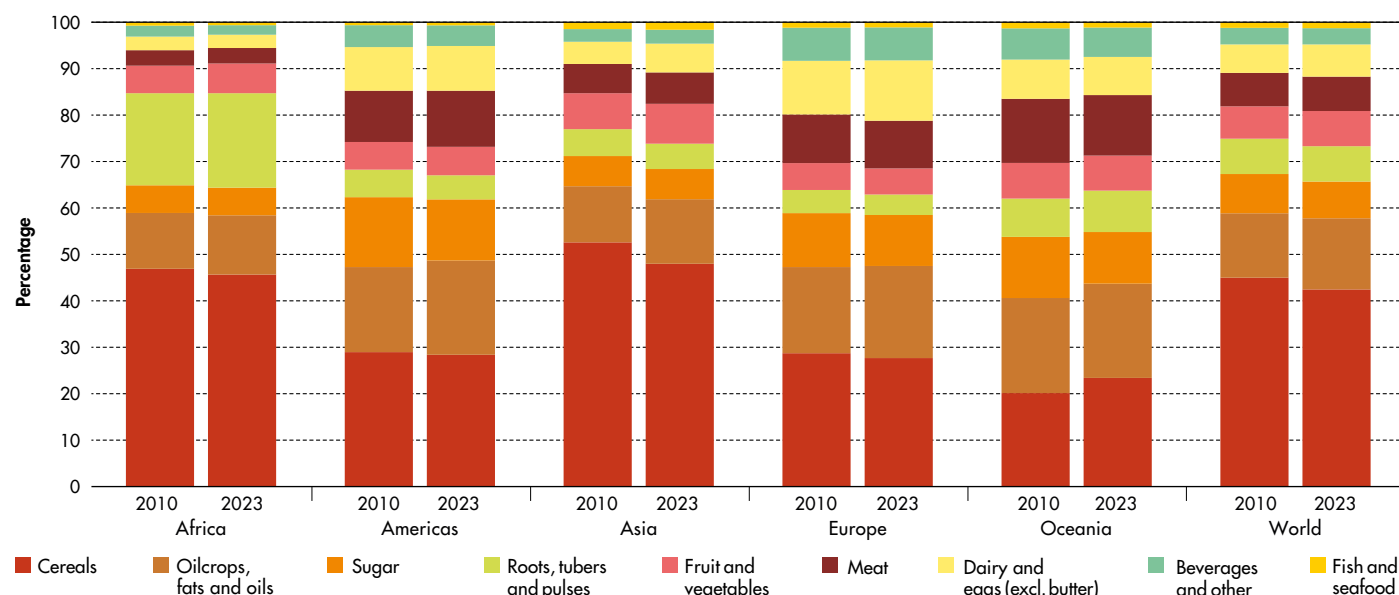
Source: FAO. 2025. FAOSTAT: Food Balances (2010). [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/FBS>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig56>

FIGURE 57.
CEREAL IMPORT DEPENDENCY RATIO, TOP COUNTRIES (2021–2023)



Source: FAO. 2025. FAOSTAT: Suite of Food Security Indicators. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/FS>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig57>

FIGURE 58.
DIETARY ENERGY SUPPLY BY REGION AND COMMODITY GROUP



Source: FAO. 2025. FAOSTAT: Food Balances (2010). [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/FBS>. Licence: CC-BY-4.0.

Download: <https://doi.org/10.4060/cd4313en-fig58>

Africa, and their share in the total dietary energy supply increased in all regions except Oceania. Regional specificities include the high share of roots, tubers and pulses in Africa (20 percent versus 8 percent for the world), of sugar in the Americas (13 percent versus 8 percent for the world), and of oilcrops, fats and oils in Oceania, the Americas and Europe (20 percent versus 15 percent for the world). Between 2010 and 2023, the most visible changes in the composition of the food supply took place in Asia (where the share of cereals dropped by 5 percentage points while that of oilcrops, fats and oils, fruit and vegetables, and dairy and eggs increased by 1–2 percentage points).

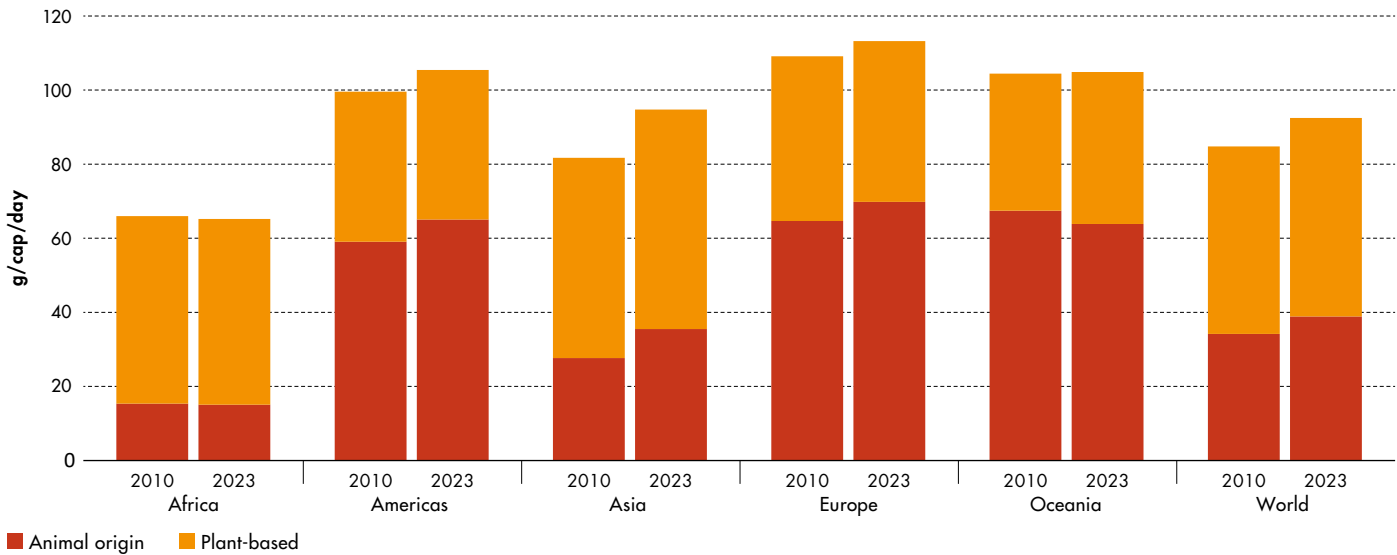
The average protein supply increased in the world and most

regions between 2010 and 2023 (see **FIGURE 59** and **TABLE 50**). The growth in Asia (16 percent) was much faster than the world average growth of 9 percent; the Americas and Europe grew by 6 percent and 4 percent, respectively, while declines were observed in Africa (–1 percent) and Oceania (–4 percent). As a consequence of the increased share of meat, fish and seafood, and dairy and eggs in diets shown in **FIGURE 58**, the share of protein from animal origin went up across all regions except Africa (where it declined marginally) and Oceania (where it decreased by 4 percentage points). In 2023, the share of protein from animal origin was highest in the Americas (62 percent) and lowest in Africa (23 percent). Significant disparities also prevailed between regions in terms of levels and composition. Protein supply

was highest in Europe in 2023, with 113 g per person per day compared with 65 g per person per day for Africa; the primary reason for this is the difference in the availability of protein from animal-sourced foods. In 2023, plants were the main source of protein in Africa (77 percent) and Asia (63 percent) but accounted for 38–39 percent in the Americas, Europe and Oceania.

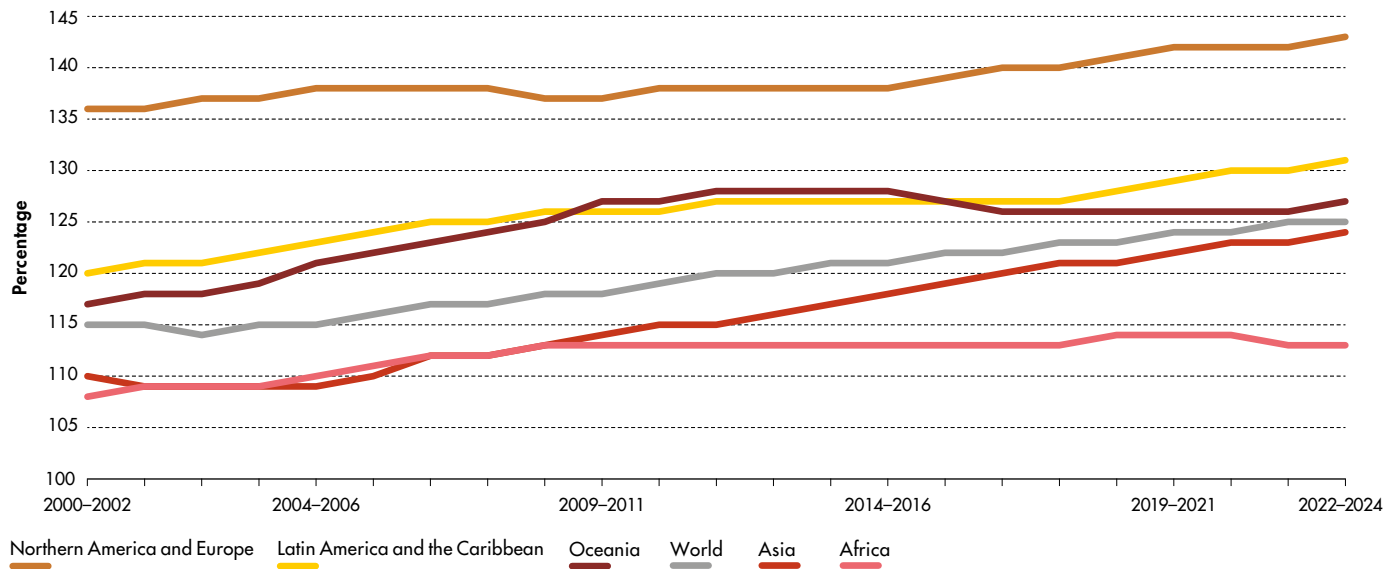
The average dietary supply adequacy has been increasing steadily since the early 2000s in every region, with Northern America and Europe being the highest and Africa being the lowest (see **FIGURE 60**). In recent years, the average dietary supply adequacy in Africa remained unchanged in line with the trend of the dietary energy supply in the region (see **FIGURE 56**).

FIGURE 59.
AVERAGE PROTEIN SUPPLY BY REGION AND ORIGIN



Source: FAO. 2025. FAOSTAT: Food Balances (2010-). [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/FBS>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-fig59>

FIGURE 60.
AVERAGE DIETARY SUPPLY ADEQUACY BY REGION



Note: The values for 2024 are projections based on nowcasts.
Source: FAO. 2025. FAOSTAT: Suite of Food Security Indicators. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/FS>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-fig60>

Dietary supply adequacy divides a country's average supply of calories for food consumption by the average dietary energy requirement estimated for its population, to measure the adequacy of food supply in terms of calories. Analysed together with the prevalence of undernourishment, it helps identify the cause of undernourishment as mainly due to insufficient food supply or to particularly bad distribution.

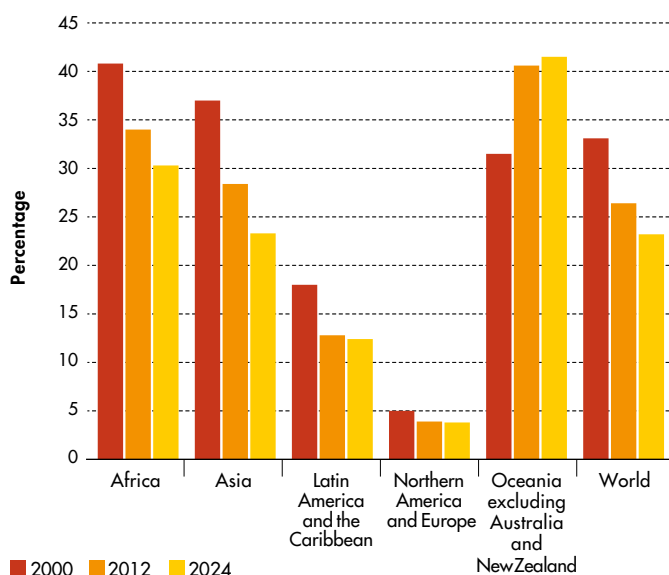
NUTRITION

The prevalence of stunting among children under five years of age (as well as the number of stunted children) decreased worldwide from 33.1 percent

in 2000 to 26.4 percent in 2012 and 23.2 percent in 2024 (see **FIGURE 61**). All regions except Oceania excluding Australia and New Zealand show the same declining trend, with a deceleration after 2012 and even a small increase after 2021. The largest drop took place in Asia, from 37 percent in 2000 to 28.4 percent in 2012 and 23.3 percent in 2024. However, this global progress may have disguised a worse situation in some parts of the world. As seen in **TABLE 52**, the prevalence of child stunting was greater than or equal to 30 percent in 26 countries in 2024 (the majority in sub-Saharan Africa), which is “very high” according to the World Health Organization.

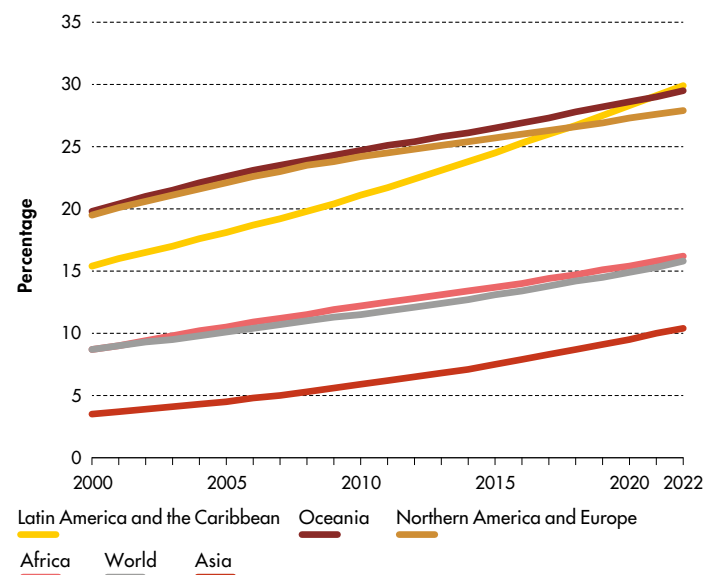
Obesity among adults of 18 years and above increased rapidly in every region of the world between 2000 and 2022 (see **FIGURE 62**). In 2022, 15.8 percent of the adult population in the world was obese, an increase from 8.7 percent in 2000. Latin America and the Caribbean and Oceania had the highest prevalence of adult obesity in 2022 (both at around 30 percent), followed by Northern America and Europe. The prevalence of adult obesity in Africa was slightly above the world average. Although Asia was the only region below the world average, the prevalence of adult obesity nearly tripled between 2000 and 2022. Overall, the world is not on track to meet the 2030 global target to halt the rise in obesity.

FIGURE 61.
PREVALENCE OF STUNTING IN CHILDREN UNDER 5 YEARS BY REGION



Source: FAO. 2025. FAOSTAT: Suite of Food Security Indicators. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/FS>. Licence: CC-BY-4.0.
 Download: <https://doi.org/10.4060/cd4313en-fig61>

FIGURE 62.
PREVALENCE OF OBESITY IN THE ADULT POPULATION BY REGION



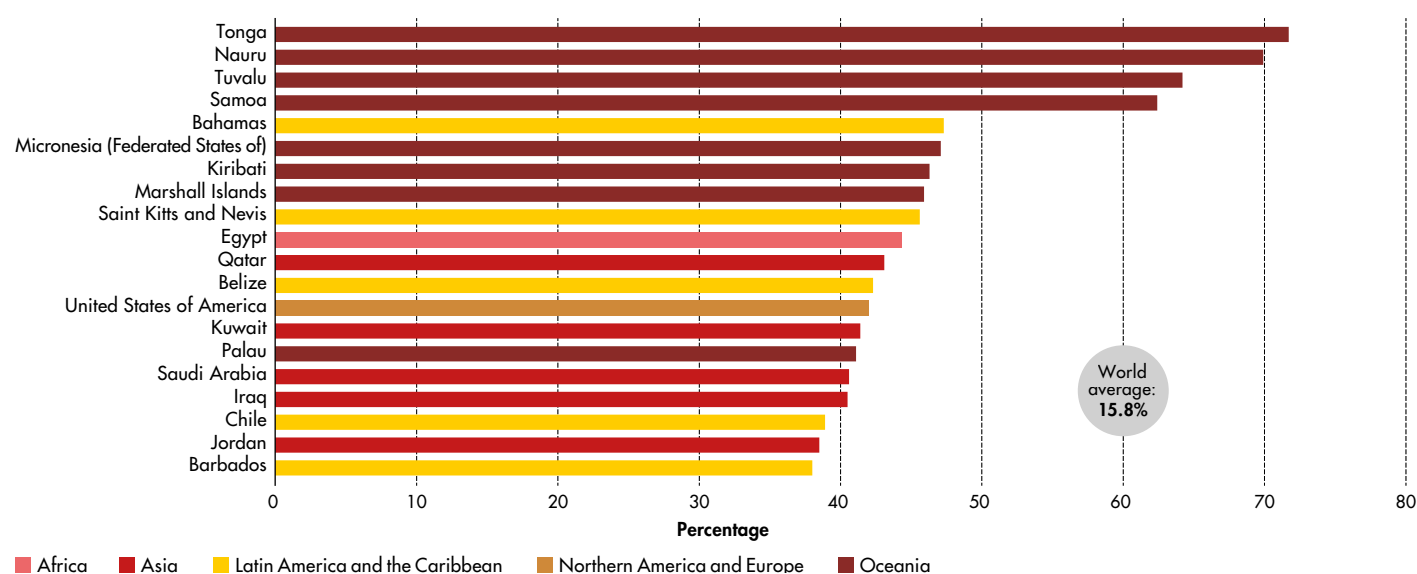
Source: FAO. 2025. FAOSTAT: Suite of Food Security Indicators. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/FS>. Licence: CC-BY-4.0.
 Download: <https://doi.org/10.4060/cd4313en-fig62>

The 20 countries with the highest prevalence of obesity among adults in 2022 were mostly in the Pacific Islands, the Caribbean, and the Near East and North Africa. In Tonga (71.7 percent), Nauru (69.9 percent), Tuvalu (64.2 percent) and Samoa (62.4 percent), 60 percent or more

of the adult population is obese. While the prevalence of adult obesity in the United States of America is the thirteenth-largest in the world (42.0 percent), the country is home to the largest number of obese adults due to its large population, accounting for one-eighth of

the global total.¹⁹ For many countries shown in **FIGURE 63**, multiple forms of malnutrition coexist: in the Marshall Islands, for example, the prevalence of child stunting was 30.0 percent in 2024 (see **TABLE 52**), while the prevalence of adult obesity was 45.9 percent in 2022 (see **TABLE 53**).

FIGURE 63.
PREVALENCE OF OBESITY IN THE ADULT POPULATION, TOP COUNTRIES (2022)

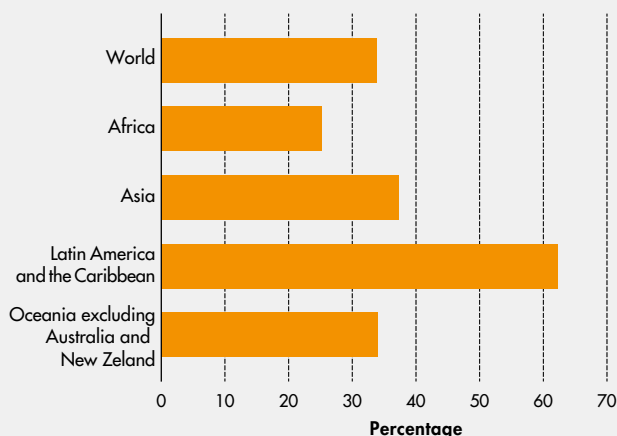


Source: FAO. 2025. FAOSTAT: Suite of Food Security Indicators. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/FS>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig63>

BOX 2.
FOCUS ON MINIMUM DIETARY DIVERSITY

The United Nations Statistical Commission officially endorsed in March 2025 a new indicator for monitoring progress towards Target 2.2 of the Sustainable Development Goals (SDGs): the prevalence of minimum dietary diversity (MDD). This adds a measure of the quality of diets to the SDG indicator framework and supports national and regional strategies for enhancing nutrition and health outcomes through diet-related interventions. Minimum dietary diversity captures the diversity of diets of children aged 6 to 23 months (MDD-C, under the custodianship of the United Nations Children's Fund) and women aged 15 to 49 years (MDD-W, under the custodianship of the Food and Agriculture Organization of the United Nations) – through a simple count of the number of food groups consumed the previous day against a predefined list.

FIGURE B2.
PERCENTAGE OF CHILDREN AGED 6 TO 23 MONTHS ACHIEVING MINIMUM DIETARY DIVERSITY BY REGION

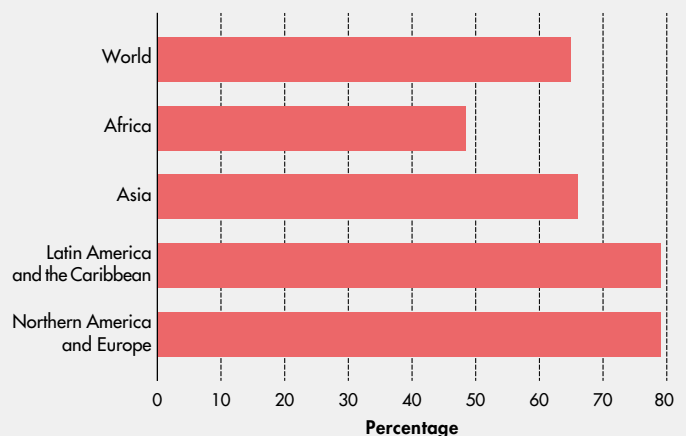


Source: FAO, IFAD, UNICEF, WFP & WHO. 2025. *The State of Food Security and Nutrition in the World 2025 – Addressing high food price inflation for food security and nutrition*. Rome. <https://doi.org/10.4060/cd6008en>

Download: <https://doi.org/10.4060/cd4313en-figb2>

Globally, 65 percent of women aged 15 to 49 years and 34 percent of children aged 6 to 23 months achieved minimum dietary diversity, with stark differences between regions. Less than half of women in Africa (48 percent) achieved MDD-W, compared with 66 percent in Asia, and 79 percent in Latin America and the Caribbean and in Europe; less than 25 percent of children in Africa, and one-third of children in Oceania excluding Australia and New Zealand achieved MDD-C, compared with 62 percent in Latin America and the Caribbean. In other words, one-third of women and two-thirds of children aged 6 to 23 months in the world consumed diets that were not sufficiently diverse, putting them at risk of inadequate intake of essential vitamins and minerals required for good nutrition and health.

FIGURE B3.
PERCENTAGE OF WOMEN AGED 15 TO 49 YEARS ACHIEVING MINIMUM DIETARY DIVERSITY BY REGION



Source: FAO, IFAD, UNICEF, WFP & WHO. 2025. *The State of Food Security and Nutrition in the World 2025 – Addressing high food price inflation for food security and nutrition*. Rome. <https://doi.org/10.4060/cd6008en>

Download: <https://doi.org/10.4060/cd4313en-figb3>

CHAPTER 4

KEY FACTS

AGRICULTURAL AND FOREST LAND DECLINE



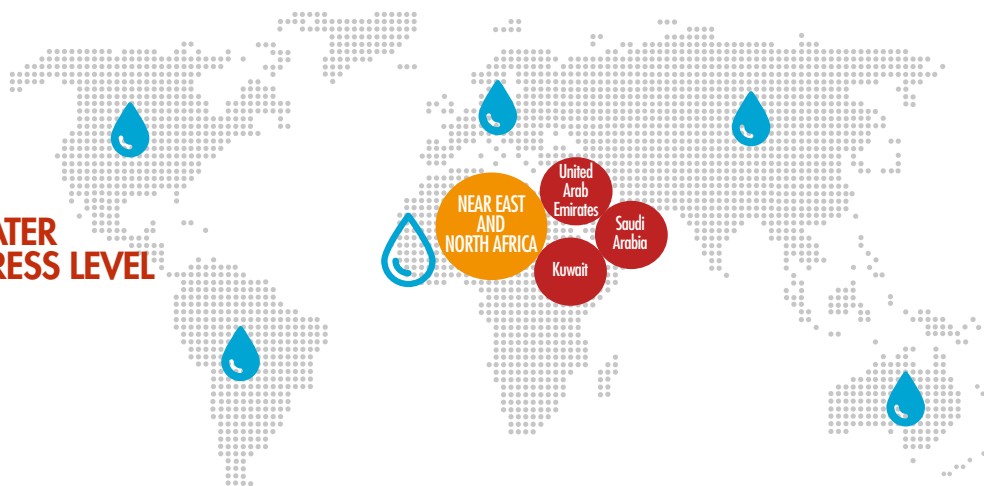
Between 2000 and 2023, agricultural land declined by 74 million ha – roughly half the size of Chad – while forest area declined by 114 million ha – about the size of Colombia.

PLANTED HARVESTED AREA



Half the harvested area is planted with cereals.

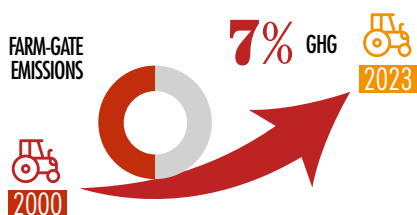
WATER STRESS LEVEL



Nearly all countries in the Near East and North Africa have water stress levels close to or above 100%, with the highest shares in Kuwait, the United Arab Emirates and Saudi Arabia.

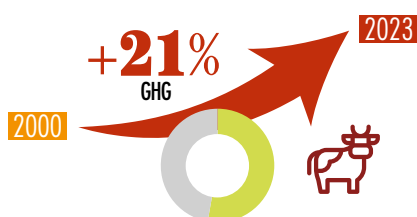
Refer to the disclaimer on the copyright page for the names and boundaries used in this map.

GREENHOUSE GAS EMISSIONS FROM AGRIFOOD SYSTEMS



Greenhouse gas emissions from agrifood systems grew by 7% between 2000 and 2023. Farm-gate emissions account for nearly half of them.

FARM-GATE GREENHOUSE GAS EMISSIONS



Farm-gate greenhouse gas emissions went up 21% between 2000 and 2023. Around 53% of them are related to livestock.

4 SUSTAINABILITY AND ENVIRONMENTAL ASPECTS OF AGRICULTURE

LAND USE

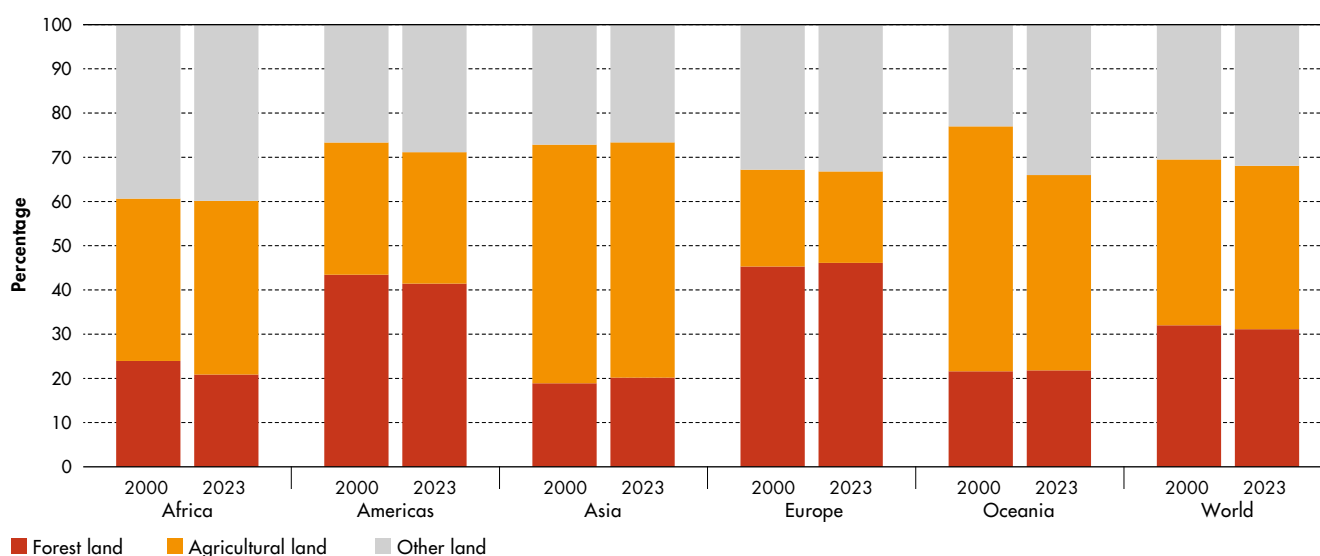
FIGURE 64 shows that the global shares of the three different types of land (agricultural, forest and other) in total land area remained relatively stable from 2000 to 2023 with slight reductions in agricultural land and forest land shares that translated into declines of 74 million ha for agricultural land and 114 million ha for forest land. Europe has the largest share of forest land (46 percent in 2023), closely followed by the Americas (41 percent), while the other regions are all around 20–22 percent. More than half of all land (53 percent) in Asia is agricultural land, compared

with 44 percent in Oceania, 39 percent in Africa, 30 percent in the Americas and 21 percent in Europe. The conversion of land from one use to another also varied between the regions. Oceania had agricultural land converted to other land. Both Africa and the Americas converted forest land to agricultural land or other land. Europe, Asia and Oceania experienced forest land expansion coupled with agricultural land reduction from 2000 to 2023 (see **TABLE 54**).

Countries with the highest share of forest area in land area are located in all regions of the

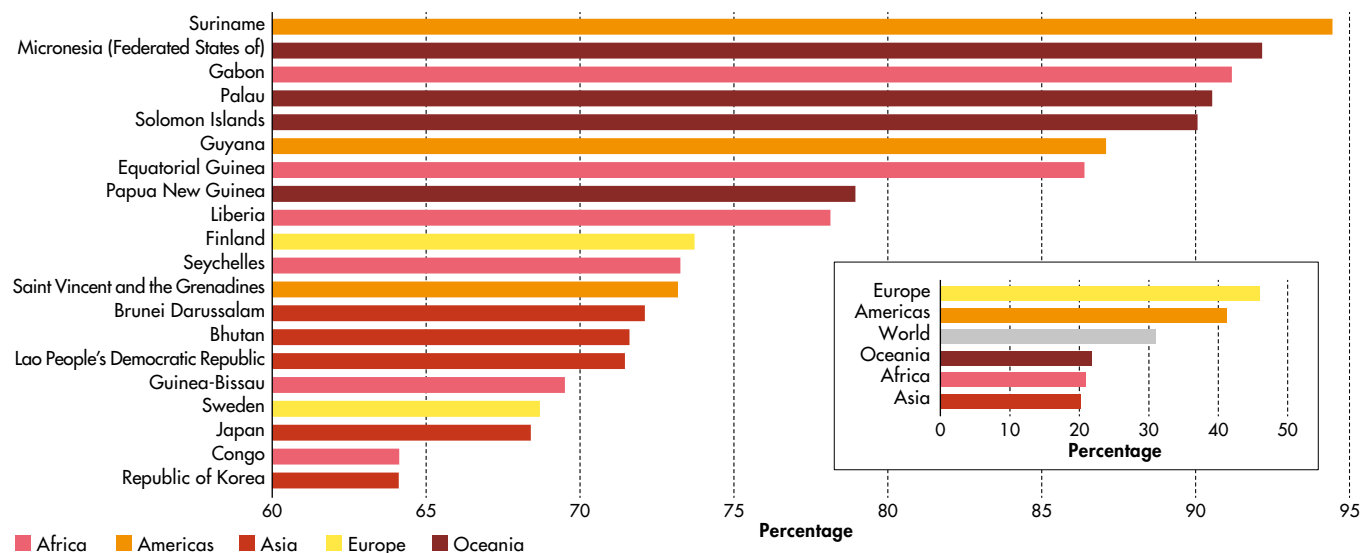
world, but mostly in tropical regions; they also tend to be low- and middle-income countries (see **FIGURE 65**). In 2023, forest covered 94 percent of the land area in Suriname, 92 percent in the Federated States of Micronesia and 91 percent in Gabon. The biggest increases in the share of forest area between 2000 and 2023 took place in Viet Nam (+10 percentage points), Cuba (+9 percentage points) and Fiji (+8 percentage points), while the largest decreases in the share of forest area over the same period happened in Paraguay and Nicaragua

FIGURE 64.
SHARE OF LAND AREA BY TYPE AND REGION



Source: FAO. 2025. FAOSTAT: Land Use. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/RL>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig64>

FIGURE 65.
SHARE OF FOREST AREA IN TOTAL LAND AREA, TOP COUNTRIES (2023)



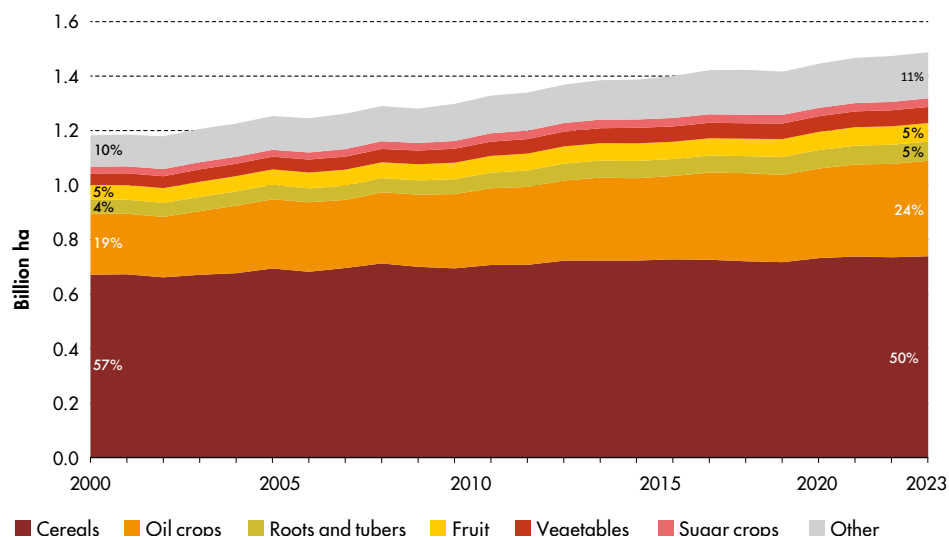
Source: FAO. 2025. FAOSTAT: Land Use. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/RL>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-fig65>

(–19 percentage points each), and Cambodia (–18 percentage points), as featured in **TABLE 55**. In absolute terms, the top country for afforestation was China, with an additional 49 million ha of forest between 2000 and 2023; deforestation was highest in Brazil, as 58 million ha of forest were lost there between 2000 and 2023 (see **TABLE 54**).

FARMING

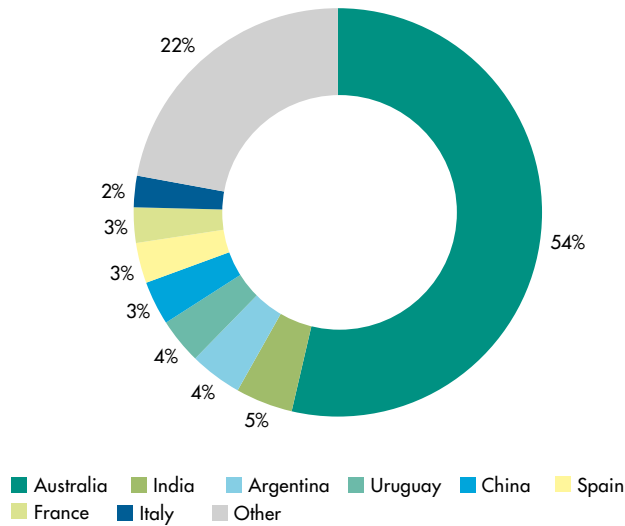
The global harvested area of primary crops went up 26 percent between 2000 and 2023 to 1.49 billion ha (see **FIGURE 66**). Cereals accounted for more than half the world's harvested area during the period, even though their share declined to 50 percent in 2023 (see **TABLE 56**).

FIGURE 66.
WORLD PRIMARY CROPS HARVESTED AREA BY COMMODITY GROUP



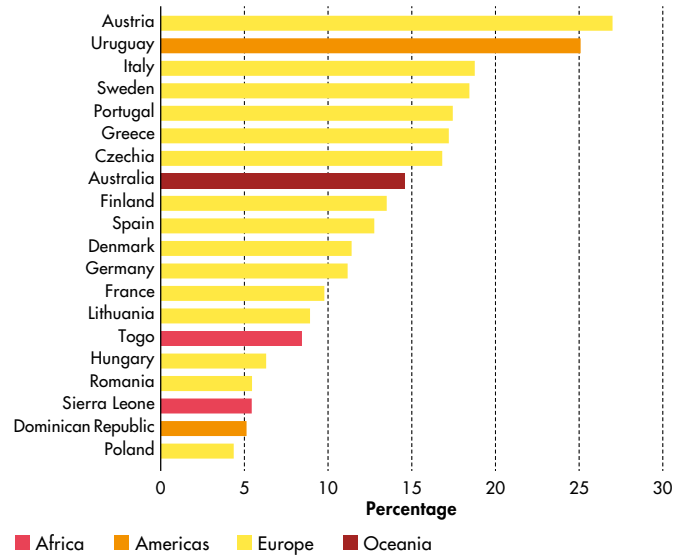
Note: Percentages in the figure indicate the shares in the total; they may not tally due to rounding.
Source: FAO. 2025. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/QCL>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-fig66>

FIGURE 67.
WORLD AREA UNDER ORGANIC AGRICULTURE BY MAIN COUNTRIES
(2023)



Note: Percentages in the figure indicate the shares in the total; they may not tally due to rounding.
Source: FAO. 2025. FAOSTAT: Land Use. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/RL>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig67>

FIGURE 68.
SHARE OF AREA UNDER ORGANIC AGRICULTURE IN TOTAL
AGRICULTURE AREA, TOP COUNTRIES (2023)



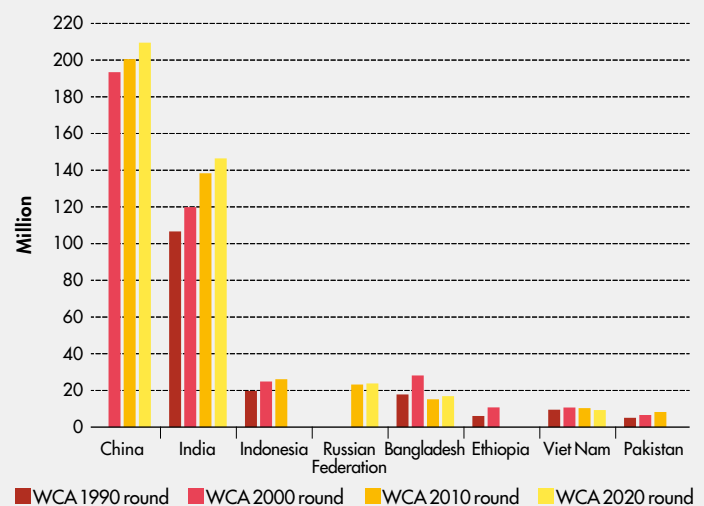
Note: Only countries with more than 2 million ha of agricultural area are taken into account.
Source: FAO. 2025. FAOSTAT: Land Use. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/RL>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig68>

BOX 3. FOCUS ON THE 2030 ROUND OF THE WORLD PROGRAMME FOR THE CENSUS OF AGRICULTURE

The Food and Agriculture Organization of the United Nations (FAO) is the leading agency in charge of promoting the decennial World Programme for the Census of Agriculture (WCA) around the globe. The WCA 2030, the round currently under preparation, will mark the centennial of the first WCA guidelines launched for the 1930 census round. Updated guidelines will provide the basis for the implementation of agricultural censuses in Member Nations between 2026 and 2035, and the structural data collected will be made available on the FAOSTAT data platform.

One of the main structural variables collected through a census of agriculture is the number of agricultural holdings (farms). Asian countries tend to have the largest number of agricultural holdings due to the size of their population and agricultural land, and the importance of the agricultural sector in their economies. Six of the top eight countries for this metric were in Asia in the 2010 and 2020 rounds: China (209.5 million), India (146.5 million), Indonesia (26.1 million in the 2010 round), the Russian Federation (23.8 million), Bangladesh (15.9 million), Ethiopia (10.8 million in the 2000 round), Viet Nam (9.2 million) and Pakistan (8.3 million in the 2010 round). The number of holdings continued its upward trend in China, India, the Russian Federation and Bangladesh between the 2010 and the 2020 rounds.

FIGURE B4.
COUNTRIES WITH THE LARGEST NUMBER OF AGRICULTURAL HOLDINGS



Source: FAO. 2025. FAOSTAT: Structural data from agricultural censuses. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/WCAD>. Licence: CC-BY-4.0
Download: <https://doi.org/10.4060/cd4313en-figb4>

Oil crops covered 24 percent of the global harvested area and experienced the fastest growth in both absolute terms (+127 million ha) and relative terms (+57 percent). The other main crop groups each account for less than 5 percent of the global harvested area. The overall harvested area went up 1 percent between 2022 and 2023.

One visible aspect of the efforts to make the agricultural sector more sustainable is the rise of organic agriculture, the main feature of which is its avoidance of synthetic fertilizers and pesticides.²⁰ In 2023, the agriculture area under certified organic status or in conversion to organic was 99 million ha. Australia accounted for 54 percent of the total, followed by India (5 percent), Argentina and Uruguay (4 percent each). The eight countries with the largest organic agriculture area made up 78 percent of the global area under organic agriculture (see **FIGURE 67** and **TABLE 57**).

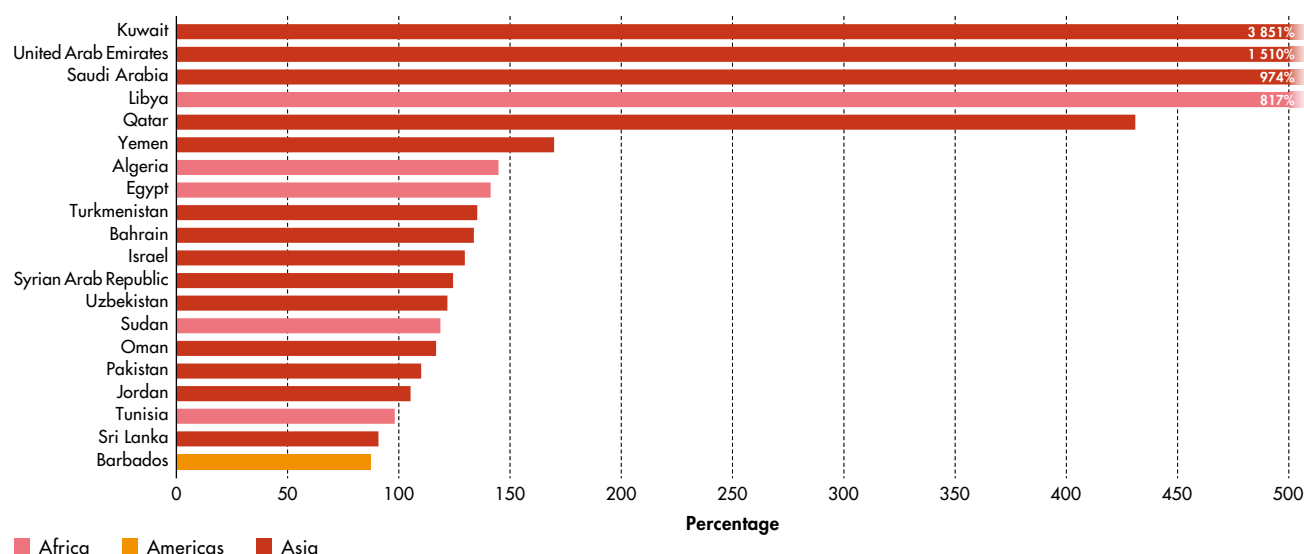
Considering the share of agriculture area under certified organic or in conversion to organic in the agricultural land area allows for comparison of the importance that countries give to this aspect of sustainable agriculture. **FIGURE 68** shows countries with a sizeable agriculture area; the countries with the highest share of area under organic agriculture in total agriculture area in 2023 were Austria (27 percent), Uruguay (25 percent) and Italy (19 percent). Fifteen of the top 20 countries are in Europe, highlighting that the region has emphasized the importance of organic agriculture. In other regions, the balance between conventional versus organic farming is still tilted towards the conventional (see **TABLE 58**).

WATER

Water stress, defined as the share of freshwater withdrawal

in available freshwater resources, after taking into account environmental water requirements, affects predominantly Western and Central Asia as well as Northern Africa (see **FIGURE 69** and **TABLE 59**). The countries experiencing the most acute water stress levels in 2022 (Kuwait, the United Arab Emirates and Saudi Arabia) are all located in the Arabian Peninsula and are withdrawing each year 9 to almost 40 times their renewable freshwater resources available. As a result, non-renewable water resources are used and are diminishing rapidly. The national water stress level can hide some differences within a country. Water stress disaggregation by river basins shows that the basins affected by severe water stress are located not only in Northern Africa and the Near East but also in Northern America, Central and Southern Asia, and on the west coast of Latin America.²¹

FIGURE 69.
WATER STRESS, TOP COUNTRIES (2022)



Source: FAO. 2025. AQUASTAT: AQUASTAT Dissemination System. [Accessed on 28 October 2025]. <https://data.apps.fao.org/aquastat/?lang=en>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-fig69>

NUTRIENT BALANCE

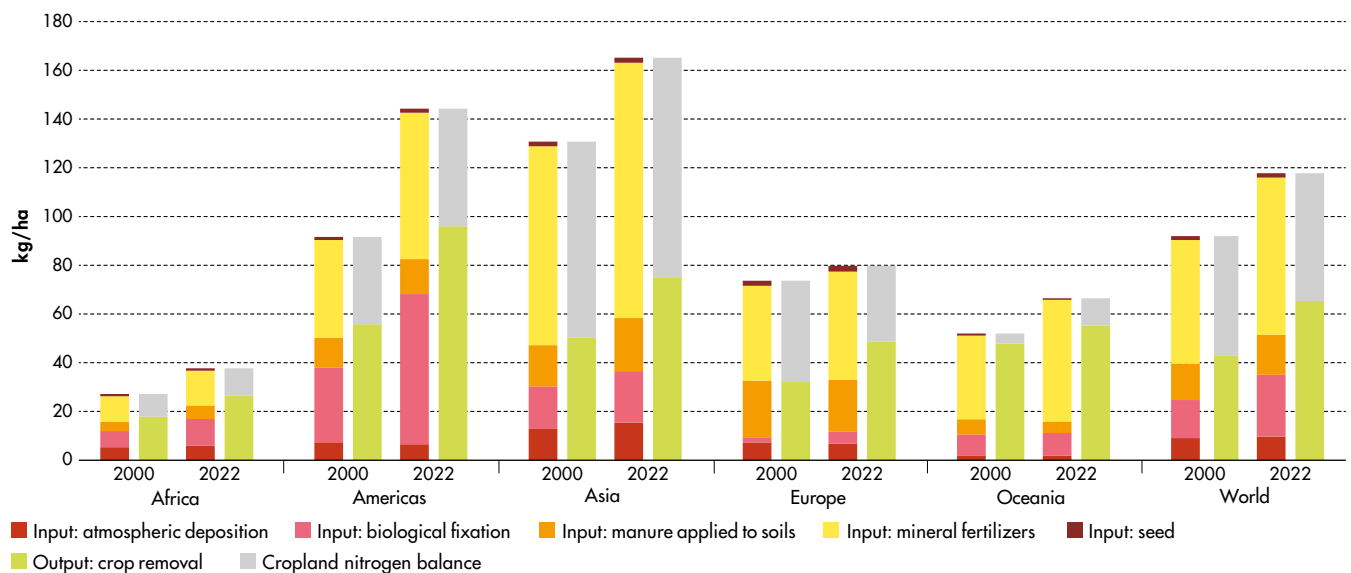
The cropland nutrient balance represents the difference between the quantities of mineral and organic nutrients (nitrogen, phosphorus and potassium) added and withdrawn from the cropland by the production of crops and livestock. An excess of nutrients can lead to environmental risks (for example via additional outputs, such as volatilization, leaching and runoff), while insufficient levels of nutrients constrain yields. **FIGURE 70** and **TABLE 60** show that the global average cropland nitrogen balance went up 7 percent to 52 kg/ha between 2000 and 2022, although it was on an overall declining trend during the 2010s. With 90 kg/ha in 2022,

Asia had the highest cropland nitrogen balance, far ahead of the Americas (48 kg/ha), Europe (31 kg/ha), Oceania and Africa (11 kg/ha each). Oceania had the largest growth of the cropland nitrogen balance between 2000 and 2022 (+171 percent), driven by increased fertilizer inputs and stable outputs, while Europe is the only region where the cropland nitrogen budget declined (by 25 percent). Asia had the largest total nitrogen inputs in 2022 (165 kg/ha); the Americas had the largest inputs from biological fixation, as well as the largest outputs from crop removal, while Africa had the smallest total nitrogen inputs (38 kg/ha).

EMISSIONS AND CLIMATE CHANGE

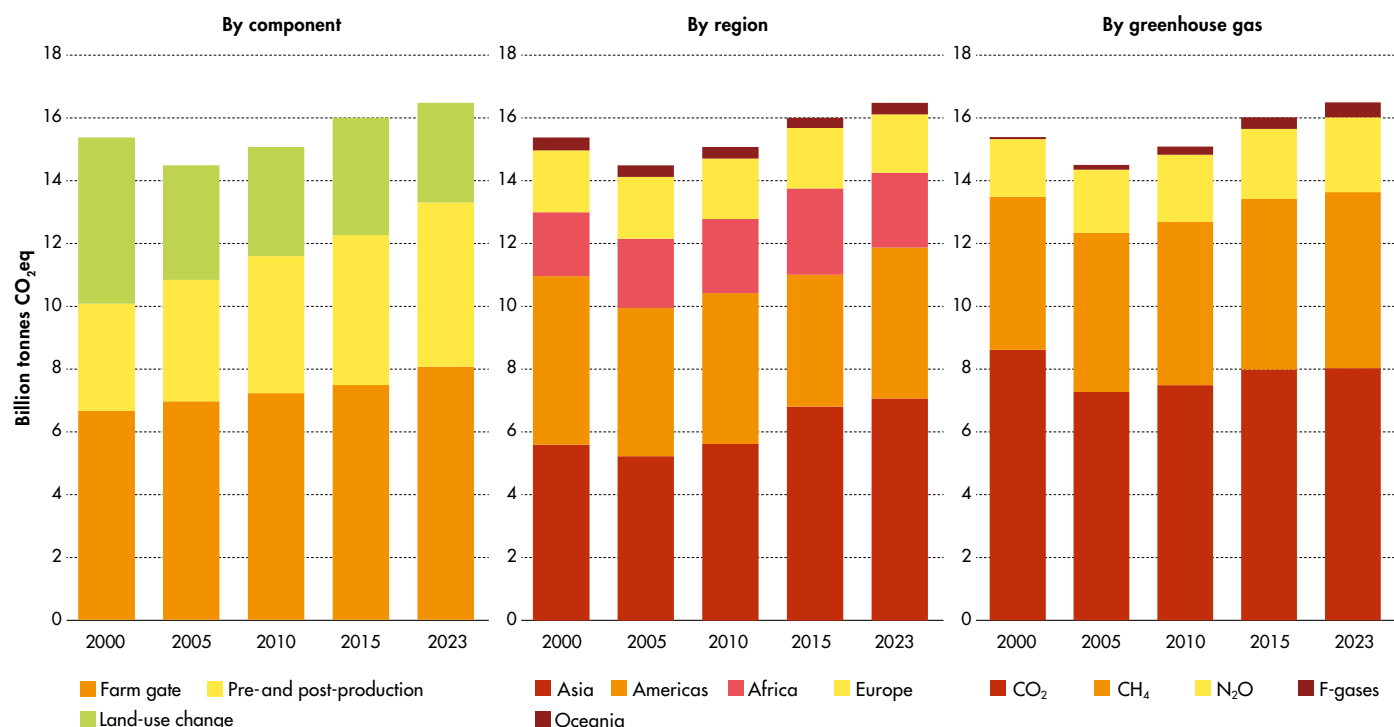
Agrifood systems are affected by climate change but also contribute significantly to greenhouse gas (GHG) emissions. Total emissions from agrifood systems in 2023 amounted to 16.5 billion tonnes of carbon dioxide equivalent (Gt CO₂eq) of GHG released into the atmosphere, an increase of 7 percent, or 1.1 Gt CO₂eq compared with 2000 (**FIGURE 71** and **TABLE 61**). This growth is due to an increase in pre- and post-agricultural production emissions and farm-gate emissions that was larger than the decrease in land-use change emissions. Activities within the farm gate accounted for 8.1 Gt CO₂eq, or 49 percent of the

FIGURE 70.
CROPLAND NITROGEN BALANCE BY COMPONENT AND REGION



Source: FAO. 2024. FAOSTAT: Cropland nutrient balance. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/ESB>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-fig70>

FIGURE 71.
WORLD GREENHOUSE GAS EMISSIONS FROM AGRIFOOD SYSTEMS



Source: FAO. 2025. FAOSTAT: Emissions totals. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/GT>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-fig71>

total emissions in 2023, followed by pre- and post- agricultural production (5.2 Gt CO₂eq, or 32 percent) and land-use change (3.2 Gt CO₂eq, or 19 percent). Asia was the top emitter, with 7.1 Gt CO₂eq (43 percent of the total) in 2023, followed by the Americas (4.8 Gt CO₂eq, or 29 percent), Africa (2.4 Gt CO₂eq, or 14 percent), Europe (1.9 Gt CO₂eq, or 11 percent) and Oceania (0.4 Gt CO₂eq, or 2 percent). CO₂ represented 49 percent of the total emissions, or 8.0 Gt CO₂eq. Next were methane (CH₄), with 5.6 Gt CO₂eq (34 percent); nitrous oxide (N₂O), with

2.4 Gt CO₂eq (14 percent); and fluorinated gases (F-gases), with 0.5 Gt CO₂eq (3 percent).

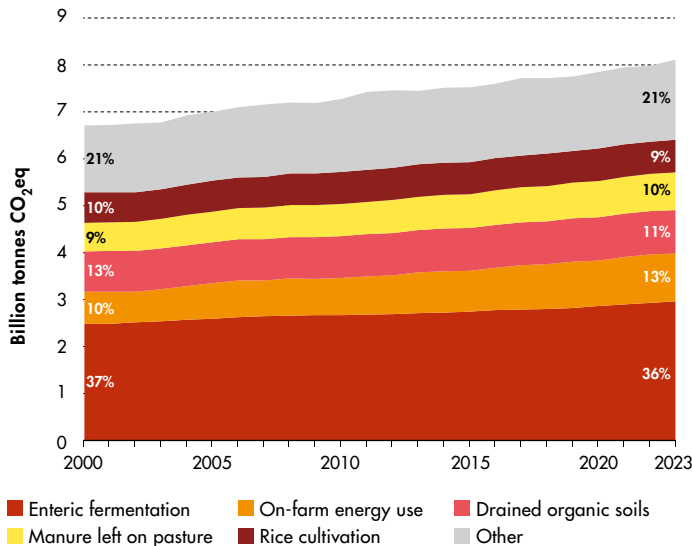
World agricultural emissions within the farm gate (those related to the production of crops and livestock) grew by 21 percent between 2000 and 2023 to 8.1 Gt CO₂eq (see **FIGURE 72** and **TABLE 62**). Around 53 percent of farm-gate emissions derive from livestock-related activities, and the emissions from enteric fermentation generated in the digestive system of ruminant livestock were alone responsible for 2.9 Gt CO₂eq, or 36 percent of agricultural emissions within the

farm gate. Animal and synthetic sources of soil fertilization contributed to slightly less than one-fifth of agricultural emissions within the farm gate. The share of on-farm energy use in farm-gate emissions steadily increased from 10 percent in 2000 to 13 percent in 2023, while the share of drained organic soils decreased from 13 percent in 2000 to 11 percent in 2023. Methane released from the cultivation of rice paddies accounted for 9–10 percent of farm-gate emissions.

Calculating emissions^c intensities allows for comparison of the

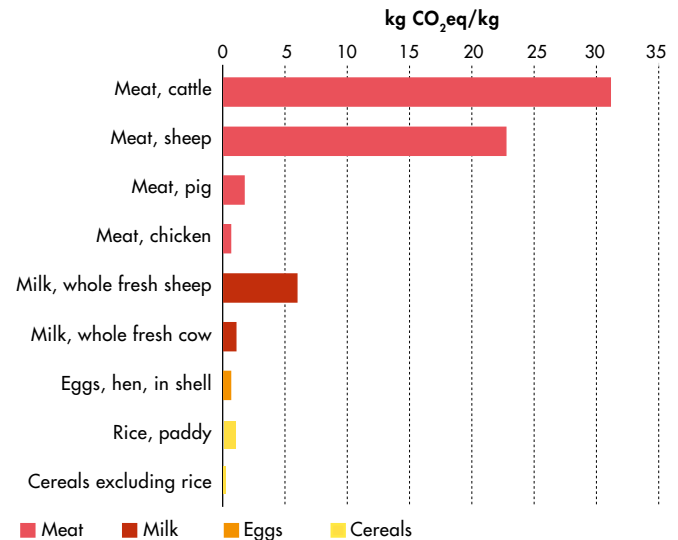
c Emissions estimates refer to those generated within the farm gate.

FIGURE 72.
WORLD FARM-GATE GREENHOUSE GAS EMISSIONS BY ACTIVITY



Note: Percentages in the figure indicate the shares in the total; they may not tally due to rounding.
Source: FAO. 2025. FAOSTAT: Emissions totals. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/GT>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig72>

FIGURE 73.
WORLD EMISSIONS INTENSITY OF AGRICULTURAL COMMODITIES (2023)



Source: FAO. 2025. FAOSTAT: Emissions intensities. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/EI>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig73>

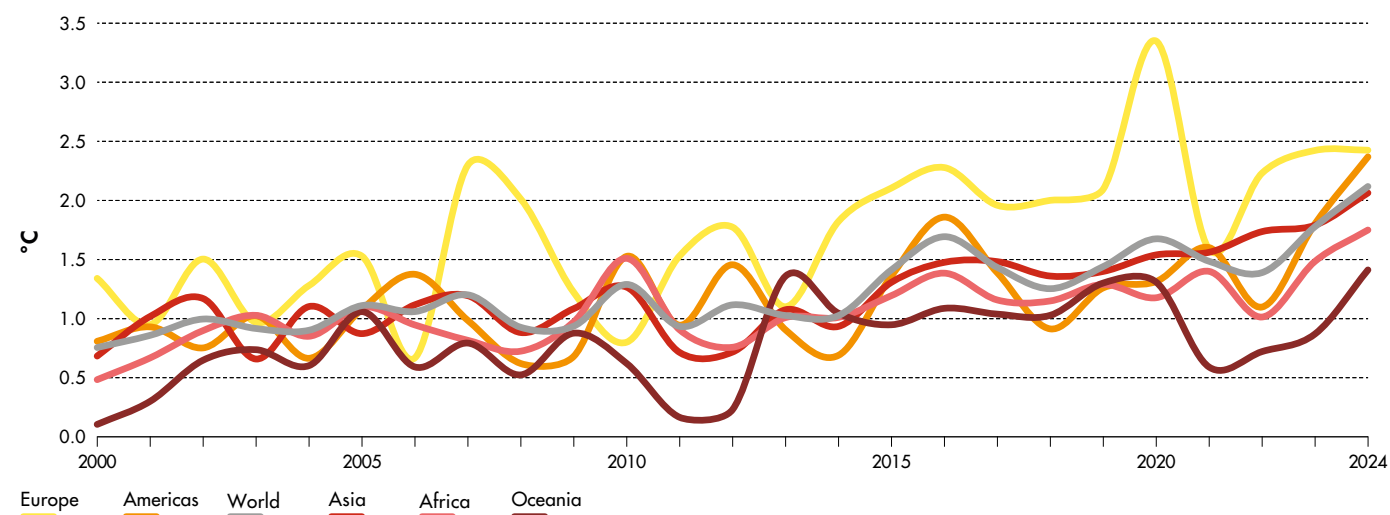
GHG performance of a range of commodities, as they represent a simplified indication of the efficiency of production for each commodity, by country and over time. As seen in **FIGURE 73**, the most CO₂-intensive commodities on average in 2023 were cattle meat (30.4 kg CO₂eq/kg) and sheep meat (22.2 kg CO₂eq/kg). The emissions intensities of pig and chicken meat were much lower (1.6 kg CO₂eq/kg and 0.5 kg CO₂eq/kg, respectively). The global emissions intensity for cow milk was 0.9 kg CO₂eq/kg, compared with 5.8 CO₂eq/kg for sheep milk. The emissions intensity of rice was 0.9 kg CO₂eq/kg, nearly 15 times higher than that of cereals excluding rice (0.1 kg CO₂eq/kg). As seen in

TABLE 63, the intensities change significantly across regions, reflecting large differences in associated efficiencies of production. For instance, the emissions intensity of cattle meat is nearly twice the world average in Africa (58.5 kg CO₂eq/kg) and about half the world average in Europe (17.3 kg CO₂eq/kg).

Worldwide, winters and summers alike are becoming increasingly hotter than the 1951–1980 average (see **FIGURE 74**). With 2.12 °C more than the world reference measured over land, 2024 was the warmest year at the global level, followed by 2023 (1.78 °C) and 2016 (1.69 °C). The nine warmest years on record since 1961 (and in fact since the beginning of

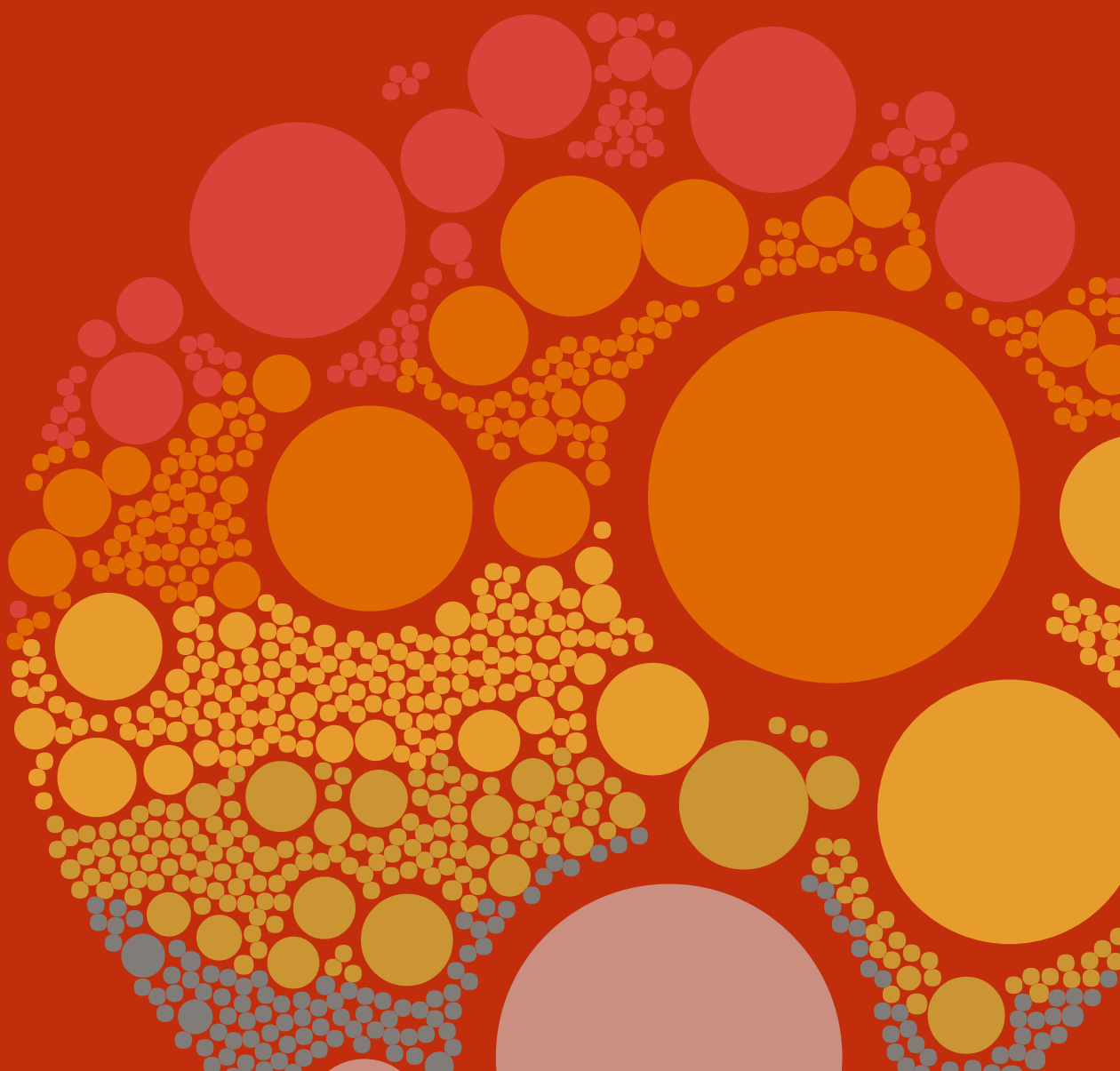
observations in 1880) are all within the nine-year period of 2015–2024. Europe is the region where the temperature change was the highest in 2024 and for most of the 2000–2024 period, with 2.43 °C (nearly the same as in 2023), closely followed by the Americas (2.37 °C), Asia (2.06 °C), Africa (1.75 °C) and Oceania (1.41 °C). The average temperature change in the 2010s was 1.26 °C, compared with 0.97 °C in the 2000s. As seen in **TABLE 64**, in 2024, 147 countries – more than three-quarters of the countries in the world – saw mean annual warming above 1.5 °C, of which 85 had warming above 2.0 °C, and 18 had warming of or above 3.0 °C. The largest mean annual temperature change was recorded in Ukraine (3.58 °C), Belarus (3.55 °C), and Bosnia and Herzegovina (3.44 °C).

FIGURE 74.
MEAN ANNUAL TEMPERATURE CHANGE ON LAND BY REGION



Source: FAO. 2025. FAOSTAT: Temperature change on land. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/ET>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-fig74>

ANNEXES





ANNEX 1:

FAO WORK ON STATISTICS

Statistics are at the core of the work of the Food and Agriculture Organization of the United Nations (FAO), its mandate and its strategic goals. Article I of its constitution states that “The Organization shall collect, analyse, interpret and disseminate information relating to nutrition, food and agriculture. [...] the term ‘agriculture’ and its derivatives includes forestry, fisheries and aquaculture.”

FAO has a decentralized statistical system, with several technical units carrying out statistical activities. The Statistics Division (ESS) produces a vast array of data on agriculture (covering the socioeconomic, environmental, production, trade, food security and nutrition aspects), which form the majority of FAO statistics. Other technical divisions oversee data on fisheries

and aquaculture, forestry, international commodity prices, and water. ESS develops and advocates for the implementation of methodologies and standards for data collection, validation, processing and analysis of food and agriculture statistics. In these statistical domains, ESS also plays a vital role in the compilation, processing and dissemination of internationally comparable data, and provides essential capacity-building support to Members. In addition, ESS disseminates documents, working papers and statistical publications that cover agriculture and food security statistics (including prices, production, trade and agri-environmental statistical data). ESS is involved in managing a number of large-scale projects aimed at improving statistical methodologies and establishing best practices

for collecting, collating, processing, disseminating and using data relevant to food security, agriculture and rural areas. Finally, ESS leads the Organization’s work to monitor the Sustainable Development Goal (SDG) indicators under FAO custodianship.

The Director of ESS also plays the role of FAO Chief Statistician. As such, ESS supports the specific functions of the Chief Statistician: ensuring strong governance of FAO’s data and statistical system; fostering consistency of FAO’s data and statistical programme within the Strategic Framework; ensuring statistical excellence through the implementation of statistical standards and quality assurance mechanisms; and positioning FAO’s presence in data and statistical discussions at the global level.

ANNEX 2: DEFINITIONS AND NOTES

ADULT OBESITY, PREVALENCE

The prevalence of obesity in the adult population is the percentage of adults age 18 and over whose body mass index (BMI) is more than 30 kg/m². The BMI is a simple index of weight-for-height, or the weight in kilograms divided by the square of the height in metres.

Originator: World Health Organization (WHO), Global Health Observatory Data Repository/World Health Statistics

Owner: WHO

AFFORDABILITY OF A HEALTHY DIET

The prevalence of unaffordability (PUA) estimates the percentage of individuals in a population whose disposable income, net of the amount needed to acquire all basic non-food goods and services, is lower than the minimum cost of a healthy diet. National estimates are obtained by contrasting the country-specific income distributions against a threshold (r). The threshold r is obtained by summing the cost of a healthy diet in a country and the basic cost of non-food needs for the income group to which the country belongs. Specifically, the cost of non-food needs is calculated by multiplying World Bank international poverty lines by a share of total expenditure to be

reserved for non-food basic goods and services that is specific to each income group. Along with the PUA, the number of people unable to afford a healthy diet (NUA) is computed by multiplying the PUA by the reference population size.

Originator: FAO, Statistics Division and World Bank

Owner: FAO and World Bank

AGRICULTURAL LAND

Land used for cultivation of crops and animal husbandry. It is the total of areas under “Cropland” and “Permanent meadows and pastures”.

Originator: FAO, Statistics Division

Owner: FAO

AGRICULTURAL WATER WITHDRAWAL

Annual quantity of self-supplied water withdrawn for irrigation, livestock and aquaculture purposes, including water specifically withdrawn by water supply companies to operate irrigation systems. It can include water from freshwater resources, as well as water from over-abstraction of renewable groundwater or withdrawal from fossil groundwater, direct use of agricultural drainage water, direct

use of (treated) wastewater and desalinated water. Water for the dairy and meat industries and industrial processing of harvested agricultural products is included under industrial water withdrawal.

Originator: FAO, Land and Water Division (AQUASTAT)

Owner: FAO

AGRICULTURE AREA UNDER ORGANIC AGRICULTURE

Sum of areas under “Agriculture area certified organic” and “Agriculture area in conversion to organic”. Agriculture area certified organic is the land area exclusively dedicated to organic agriculture and managed by applying organic agriculture methods. It refers to the land area fully converted to organic agriculture. It is the portion of land area (including arable lands, pastures or wild areas) managed (cultivated) or wild harvested in accordance with specific organic standards or technical regulations, which has been inspected and approved by a certification body. Agriculture area in conversion to organic is the land area that is going through the organic conversion process, usually a two-year period of conversion to organic land.

Originator: FAO, Statistics Division

Owner: FAO

AGRICULTURE, FORESTRY AND FISHING

Agriculture, forestry and fishing (AFF) refers to the broad agricultural sector that includes crop growing and animal production, forestry and logging, and fishing and aquaculture. These subsectors correspond to Section A of the International Standard Industrial Classification (ISIC) Revision 4 and are covered in its Divisions 1, 2 and 3. To distinguish the agricultural sector (crop and livestock in Division 1 of ISIC), the broad agricultural sector is abbreviated as AFF.

Originator: United Nations Statistics Division (UNSD)

Owner: UN

AGRICULTURE, VALUE ADDED

This is the total value added in AFF. The value added is the net output of a sector after adding up the value of all outputs and subtracting intermediate inputs. It is calculated without making deductions for depreciation of fabricated assets or depletion and degradation of natural resources. ISIC Revision 3 or Revision 4 determines the origin of value added. Agriculture here refers to the broad agricultural sector (AFF).

Originator: World Bank

Owner: World Bank

ANIMAL OILS AND FATS

Animal oils and fats include animal fats that are obtained by dressing the carcasses of slaughtered animals (slaughter fats), or at a later stage in the butchering process when meat is being prepared for final consumption (butcher fats).

Originator: FAO, Statistics Division

Owner: FAO

AQUACULTURE PRODUCTION

Aquaculture production is defined as the farming of aquatic organisms. Farming implies some form of intervention in the rearing process to enhance production, such as regular stocking, feeding and protection from predators. Farming also implies individual or corporate ownership of the stock being cultivated. For statistical purposes, aquatic organisms that are harvested by an individual or corporate body that has owned them throughout their rearing period contribute to aquaculture, while aquatic organisms that are exploitable by the public as a common property resource, with or without appropriate licences, are the harvest of fisheries. In the case of capture-based aquaculture, only the incremental growth (or weight gain) in captivity could and should be reported as the production from aquaculture. Data included here cover aquaculture production of fish, molluscs, crustaceans and miscellaneous aquatic animals, but exclude the production of marine mammals, crocodiles, corals, pearls, sponges and algae. Total fisheries and aquaculture production is the sum of aquaculture and capture fisheries production. Data are expressed in live weight equivalent.

Originator: FAO, Fisheries and Aquaculture Division

Owner: FAO

AQUATIC ANIMAL FOODS

Foods for human consumption originating from animals grown in, or harvested from, water. They include foods from all types of aquatic animals,

with the exception of aquatic mammals and reptiles.

Originator: FAO, Fisheries and Aquaculture Division

Owner: FAO

ARABLE LAND

Arable land is the total of areas under temporary crops, temporary meadows and pastures, and land with temporary fallow. Arable land does not include land that is potentially cultivable but is not normally cultivated.

Originator: FAO, Statistics Division

Owner: FAO

AREA HARVESTED

Area harvested refers to the area from which a crop is gathered. It excludes, therefore, the area from which, although sown or planted, there was no harvest due to damage, failure or the like. It is usually net of temporary crops and sometimes gross of permanent crops. The net area differs from the gross area insofar as the latter includes uncultivated patches, footpaths, ditches, headlands, shoulders, shelterbelts and the like. If the crop under consideration is harvested more than once during the year as a consequence of successive cropping (i.e. the same crop is sown or planted more than once in the same field during the year), the area is counted as many times as harvested.

Originator: FAO, Statistics Division

Owner: FAO

CAPTURE FISHERIES PRODUCTION

Hunting, collecting and gathering activities directed at removing

or collecting live wild aquatic organisms are capture fisheries production. The capture production statistics here indicate the nominal catches of aquatic organisms killed, caught, trapped or collected for all commercial, industrial, recreational and subsistence purposes or other utilizations in live weight equivalent. Data included here cover capture production of fish, molluscs, crustaceans and miscellaneous aquatic animals but exclude production of marine mammals, crocodiles, corals, pearls, sponges and algae. Total fisheries and aquaculture production is the sum of aquaculture and capture fisheries production.

Originator: FAO, Fisheries and Aquaculture Division
Owner: FAO

CEREAL IMPORT DEPENDENCY RATIO

The cereal import dependency ratio provides a measure of the dependence of a country or region on cereal imports. The higher the value of the indicator, the higher the dependence. Specifically, the cereal imports dependency ratio tells how much of the available domestic food supply of cereals has been imported and how much comes from the country's own production. It is computed as $(\text{cereal imports} - \text{cereal exports}) / (\text{cereal production} + \text{cereal imports} - \text{cereal exports}) \times 100$. Given this formula, the indicator assumes only values less than or equal to 100. Negative values indicate that the country is a net exporter of cereals. The indicator is calculated in three-

year averages to reduce the impact of possible errors in estimated production and trade, due to the difficulties in properly accounting for stock variations in major foods.

Originator: FAO, Statistics Division
Owner: FAO

CEREALS

Wheat, rice paddy, barley, maize, popcorn, rye, oats, millets, sorghum, buckwheat, quinoa, fonio, triticale, canary seed, mixed grain and cereals nes are all considered cereals.

Originator: FAO, Statistics Division
Owner: FAO

CEREALS AND PREPARATIONS

Cereals, flours and cereal grains that are either rolled, flaked, pearled, sliced or kibbled are cereals and preparations.

Originator: FAO, Statistics Division
Owner: FAO

CONSUMER PRICE INDEX (FOOD)

The food consumer price index (CPI) measures the price change between the current and reference periods of the average basket of food items purchased by households. The food CPI is rescaled to a unique base year of 2010 by FAO for all countries with sufficient time coverage. FAO uses the geometric mean of the monthly indices of the year 2010 as the rescaling factor.

Originator: International Monetary Fund (IMF), UNSD, Organisation for Economic Co-operation and Development (OECD) and national statistics websites
Owner: IMF, UNSD and FAO

COST OF A HEALTHY DIET

The cost of a healthy diet is the cost of purchasing the least expensive locally available foods to meet the energy requirements and food-based dietary guidelines for a representative person within energy balance at 2 330 kcal/day. It is calculated using retail food price data from the International Comparison Program (ICP), coordinated by the World Bank. The cost of a healthy diet is converted to international dollars using purchasing power parity (PPP) conversion factors for private consumption

Originator: FAO, Statistics Division and World Bank
Owner: FAO and World Bank

CROPLAND

Cropland is the land used for cultivation of crops. The total of areas under "Arable land" and "Permanent crops".

Originator: FAO, Statistics Division
Owner: FAO

CROPLAND NITROGEN BUDGET

Difference between the cropland nitrogen input and output flows. Inputs are comprised of synthetic fertilizers, manure applied to soils, atmospheric deposition and biological fixation; outputs are comprised of crop removal from harvest.

Originator: FAO, Statistics Division
Owner: FAO

CROPS

Crop statistics include permanent and temporary crops and cover

the following categories: crops primary, fibre crops primary, cereals, coarse grain, citrus fruit, fruit, oil crops (oil and cake equivalent), pulses, roots and tubers, treenuts and vegetables.

Originator: FAO, Statistics Division

Owner: FAO

DAIRY PRODUCTS

Butter, buttermilk, cheese, cream, ghee, milk, whey and yoghurt are all dairy products.

Originator: FAO, Statistics Division

Owner: FAO

DIETARY ENERGY SUPPLY (KCAL/CAP/DAY)

The food available for human consumption, expressed in kilocalories per person per day, is the dietary energy supply. At the country level, it is calculated as the food remaining for human use after taking out all non-food utilization, including exports, industrial use, animal feed, seed, wastage and changes in stocks.

Originator: FAO, Statistics Division

Owner: FAO

DIETARY ENERGY SUPPLY ADEQUACY, AVERAGE

The dietary energy supply adequacy average expresses the dietary energy supply (DES) as a percentage of the average dietary energy requirement (ADER). Each country or region's average supply of calories for food consumption is normalized by the average dietary energy requirement estimated for its population to provide an

index of adequacy of the food supply in terms of calories.

Originator: FAO, Statistics Division

Owner: FAO

DIETARY ENERGY SUPPLY, AVERAGE

The figures for the dietary energy supply average are based on the latest available data from national food balance sheets and represent the amount of food available for human consumption.

Originator: FAO, Statistics Division

Owner: FAO

EGGS, PRIMARY

Egg production by type of poultry should refer to the total production of eggs in the shell by all types of hens in both the traditional sector (individually owned small flocks) and the modern sector (large-scale, intensive commercial poultry farms). Total production includes eggs for hatching but excludes farm waste.

Originator: FAO, Statistics Division

Owner: FAO

EMISSIONS FROM AGRIFOOD SYSTEMS

Greenhouse gas (GHG) emissions from agrifood systems are generated within the farm gate by crop and livestock production activities; from land-use change dynamics, linked for instance to deforestation and peatland degradation to make room for agriculture; and in pre- and post-production processes, such as food manufacturing, household consumption and disposal of

food waste. Emissions, relevant to each process, consist of nitrous oxide (N₂O); methane (CH₄); carbon dioxide (CO₂); and fluorinated gases (F-gases).

Originator: FAO, Statistics Division

Owner: FAO

EMISSIONS FROM LAND-USE CHANGE

Emissions from land management and transformation processes. FAOSTAT data include processes on agricultural land and forest land – corresponding to IPCC land-use categories “cropland”, “forest land” and “grassland”. Emissions from forests consist of CO₂ emissions/removals from net carbon stock changes in above- and below-ground biomass related to net forest conversion (deforestation). While CO₂ emissions from fires are implicitly included in the carbon stock change computations, non-CO₂ emissions from forest fires are reported separately, for “fires in humid tropical forests” and “other forest fires”. In addition to CO₂ from deforestation, emissions on agricultural land include CO₂ and N₂O emissions from the drainage of organic soils. Land-use change emissions in FAOSTAT also include CO₂ and CH₄ emissions from fires in organic soils.

Originator: FAO, Statistics Division

Owner: FAO

EMISSIONS FROM PRE- AND POST-PRODUCTION

Pre- and post-production emissions cover activities outside the farm gate, either as

input into agricultural production activities (fertilizer manufacturing and pesticide manufacturing) or as post-farm gate processes (food processing, food packaging, food transport, food retail, food household consumption, agrifood systems waste disposal). Emissions include CO₂ from fossil-fuels based energy used across the above processes, CH₄ and N₂O from the treatment of waste streams, and F-gases from cold chains linked to refrigeration of food items.

Originator: FAO, Statistics Division

Owner: FAO

EMISSIONS INTENSITY

Greenhouse gas emissions within the farm gate per unit weight of product, expressed in kg CO₂eq/kg of product. The indicator is computed for six types of meat (buffalo, cattle [beef], chicken, goat, pig and sheep), four types of milk (camel, cow, goat and sheep), hen eggs, rice, and other cereals (combining the intensities of barley, maize, millet, oats, rye, sorghum and wheat).

Originator: FAO, Statistics Division

Owner: FAO

EMISSIONS SHARES

Shares in total emissions of agrifood systems and their components (farm gate, land-use change, pre- and post-production) and of all the sectors covered in the database, computed with respect to emissions in CO₂ equivalent and by single gas (CO₂, CH₄, N₂O and F-gases).

Originator: FAO, Statistics Division

Owner: FAO

EMISSIONS WITHIN THE FARM GATE

Farm-gate emissions cover all agricultural processes within farms related to crop and livestock production (enteric fermentation, manure management, rice cultivation, synthetic fertilizers, manure applied to soils, manure left on pastures, crop residues, drained organic soils, burning of crop residues, savanna fires), including energy use and drained organic soils within the farm. Non-CO₂ gases, namely CH₄ and N₂O, are produced by crop and livestock production and management activities whereas CO₂ emissions are produced from the drainage of organic soils and on-farm use of fossil-fuel based energy (including electricity and heat generated off farms). Emissions are computed following Tier 1 Intergovernmental Panel on Climate Change (IPCC) 2006 Guidelines for National GHG Inventories.

Originator: FAO, Statistics Division

Owner: FAO

EMPLOYMENT IN AGRICULTURE (TOTAL POPULATION, MALE, FEMALE)

Employment comprises all persons of working age who, during a specified brief period, such as one week or one day, were in one of the following two categories: a) paid employment (whether at work, or having a job but not at work), or b) self-employment (whether at work, or with an enterprise but not at work). The working-age population is the population above the legal

working age, but for statistical purposes it comprises all persons above a specified minimum age threshold for which an inquiry on economic activity is made. To promote international comparability, the working-age population is often defined as all persons aged 15 and older, but this may vary from country to country based on national laws and practices (some countries also use an upper age limit). The classification by economic activity refers to the main activity of the establishment in which a person worked during the reference period. The branch of economic activity of a person does not depend on the specific duties or functions of the person's job, but rather on the characteristics of the economic unit in which the person worked. Data presented by a branch of economic activity are based on ISIC.

Originator: International Labour Organization (ILO)

Owner: ILO

EXPORT VALUE

Export values are reported as FOB (free on board: the value of the goods plus the value of the services performed to deliver the goods to the border of the exporting country).

Originator: FAO, Statistics Division

Owner: FAO

FERTILIZERS

The use of fertilizers refers to agricultural use of inorganic (mineral or chemical) fertilizers for the three main plant nutrients: nitrogen (N), phosphorus (expressed as P₂O₅) and potassium (expressed as K₂O).

It includes both straight fertilizers (those containing only one of the three primary plant nutrients) and compound fertilizers (those containing more than one of the three primary plant nutrients; they may be NP, NK, PK or NPK). Agricultural use refers to the use for crops, livestock, forestry, fisheries and aquaculture, excluding use for animal feed.

Originator: FAO, Statistics Division

Owner: FAO

FISH PRICE INDEX

The FAO Fish Price Index measures the monthly changes in international prices of a basket of fisheries and aquaculture commodities. The index consists of the average of five commodity group price indices (whitefish, salmon, tuna, other pelagic fish and shrimps) weighted by the average export shares of each of the groups for the 2014–2016 period.

Originator: FAO, Fisheries and Aquaculture Division

Owner: FAO

FOOD

Food is comprised of the commodities in the Standard International Trade Classification (SITC) sections 0 (food and live animals), 1 (beverages and tobacco), and 4 (animal and vegetable oils and fats) and SITC division 22 (oil seeds, oil nuts and oil kernels).

Originator: FAO, Statistics Division

Owner: FAO

FOOD PRICE INDEX

The FAO Food Price Index is a measure of the monthly change in international prices of a basket of

food commodities. It consists of the average of five commodity group price indices (meat, dairy, cereals, vegetable oils and sugar), weighted with the average export shares of each of the groups for 2014–16.

Originator: FAO, Statistics Division

Owner: FAO

FOREST LAND

Land spanning more than 0.5 ha with trees higher than 5 metres and a canopy cover of more than 10 percent, or trees able to reach these thresholds *in situ*. Excludes land that is predominantly under agricultural or urban land use. Explanatory notes:

- Forest land is determined both by the presence of trees and by the absence of other predominant land uses. The trees should be able to reach a minimum height of 5 metres *in situ*.
- Includes areas with young trees that have not yet reached but that are expected to reach a canopy cover of 10 percent and tree height of 5 metres. It also includes areas that are temporarily unstocked owing to clear-cutting as part of a forest management practice or natural disasters, and that are expected to be regenerated within five years. Local conditions may, in exceptional cases, justify the use of a longer time frame.
- Includes forest roads, firebreaks and other small open areas.
- May include forest land in national parks, nature reserves and other protected areas, such as those of specific environmental, scientific, historical, cultural or spiritual interest.
- Includes windbreaks, shelter belts and corridors of trees with an area of more than 0.5 ha and width of more than 20 metres.
- Includes abandoned shifting cultivation land with a regeneration of trees that have, or are expected to reach, a canopy cover of 10 percent and tree height of 5 metres.
- Includes areas with mangroves in tidal zones, regardless of whether this area is classified as land area or not.
- Includes areas with bamboo and palms provided that land use, height and canopy cover criteria are met.
- Some agroforestry systems such as the taungya system, where crops are grown only during the first years of the forest rotation, should be classified as forest.
- Excludes tree stands in agricultural production systems, such as fruit-tree plantations (permanent crops), oil palm plantations, rubber and Christmas trees (permanent crops) and agroforestry systems when crops are grown under tree cover.

Originator: FAO, Statistics Division

Owner: FAO

FOREST PRODUCTS EXPORTS

Products of domestic origin or manufacture shipped out of the country are forest product exports. They include exports from free economic zones and re-exports. They exclude “in-transit” shipments. They are reported in cubic metres of solid volume or metric tonnes, and values are normally recorded as FOB.

Originator: FAO, Forestry Division

Owner: FAO

FOREST PRODUCTS IMPORTS

Products imported for domestic consumption or processing shipped into a country are forest product imports. They include imports into free economic zones or for re-export. They exclude “in-transit” shipments. They are reported in cubic metres of solid volume or metric tonnes, and values normally include cost, insurance and freight (CIF).

Originator: FAO, Forestry Division

Owner: FAO

FOREST PRODUCTS PRODUCTION

Forest product production includes the production of products that may immediately be consumed in the production of another product (e.g. wood pulp, which may immediately be converted into paper as part of a continuous process). This includes production from all sources within the country including public, private and informal sources. It excludes the production of veneer sheets that are used for plywood production within the same country. It is

reported in cubic metres of solid volume in the case of roundwood, sawnwood and wood-based panels and metric tonnes in the case of charcoal, pulp and paper products.

Originator: FAO, Forestry Division

Owner: FAO

FRUIT AND VEGETABLES

Vegetables, as classified in this group, are mainly annual plants cultivated as field and garden crops in the open and under glass and are used almost exclusively for food. Vegetables grown principally for animal feed or seed should be excluded. Certain plants, normally classified as cereals and pulses, belong to this group when harvested green, such as green maize and green peas. Chillies and green peppers are included in this grouping when they are harvested for consumption as vegetables and not processed into spices. Trade data for fresh vegetables also include chilled vegetables, meaning the temperature of the products has been reduced to around 0 °C without the products being frozen. Fruit crops consist of fruits and berries that, with few exceptions, are characterized by their sweet taste. Nearly all are permanent crops, mainly from trees, bushes and shrubs, as well as vines and palms. Fruit crops are consumed directly as food or are processed into dried fruit, fruit juice, canned fruit, frozen fruit, jam, alcoholic beverages and other products.

Originator: FAO, Statistics Division

Owner: FAO

GOVERNMENT EXPENDITURE ON AGRICULTURE

The government expenditure on agriculture refers to core areas of government functions relevant to agriculture, forestry and fishing (AFF) based on the Classification of Functions of Government as outlined in the Government Finance Statistics Manual of the International Monetary Fund (IMF) (2014). Statistics on expenditure in AFF are used to compile the Agriculture Orientation Index.

Originator: FAO, Statistics Division

Owner: FAO and IMF

GROSS FIXED CAPITAL FORMATION

The gross fixed capital formation is the total value of a producer's acquisitions, less disposals, of fixed assets during the accounting period plus certain additions to the value of non-produced assets (such as subsoil assets or major improvements in the quantity, quality or productivity of land) realized by the productive activity of institutional units.

Originator: UNSD, OECD and national statistics' websites

Owner: UNSD, OECD and FAO

IMPORT VALUE

Import values are reported as CIF (cost insurance and freight: the value of the goods, plus the value of the services performed to deliver goods to the border of the exporting country, plus the value of the services performed to deliver the goods from the border of the exporting country to the border of the importing country).

Originator: FAO, Statistics Division

Owner: FAO

INDUSTRIAL ROUNDWOOD

All roundwood except wood fuel is industrial roundwood. In production statistics, it is an aggregate comprising sawlogs and veneer logs; pulpwood, round and split; and other industrial roundwood. It is reported in cubic metres solid volume underbark (i.e. excluding bark).

Originator: FAO, Forestry Division

Owner: FAO

INFLATION RATE

The inflation rate of an index for any month refers to the percentage change in the index value for the month as compared with the index value of the corresponding month of the previous year. Global and regional food consumer price inflation measures food inflation for a group of countries at different geographical scales: Africa, Europe, Oceania, Latin America and the Caribbean, Northern America, and Asia. Global and regional inflation are calculated using household consumption expenditure weights.

Originator: FAO, Statistics Division

Owner: FAO

LAND AREA

Country area excluding area under inland waters and coastal waters.

Originator: FAO, Statistics Division

Owner: FAO

LAND AREA EQUIPPED FOR IRRIGATION

Land area equipped with irrigation infrastructure and

equipment, in working order, to provide water to crops. The equipment does not have to be used during the reference year. The area equipped for irrigation covers areas equipped for fully controlled irrigation by any of the methods of surface, sprinkler or localized irrigation. It also includes areas under partially controlled irrigation methods of spate irrigation (controlling floodwater to water crops), equipped wetlands and inland valley bottoms and equipped flood recession. It excludes manual watering of plants using buckets, watering cans or other devices.

Originator: FAO, Statistics Division

Owner: FAO

LIVESTOCK PRIMARY PRODUCTION

Livestock primary production includes products from live and slaughtered animals. Products from slaughtered animals include meat, offals, raw fats, fresh hides and skins. Products from live animals include milk, eggs, honey, beeswax and fibres of animal origin.

Originator: FAO, Statistics Division

Owner: FAO

MEAT

Meat is defined as the flesh of animals (excluding aquatic animals) used for food. In production data, meat is normally reported inclusive of bone and exclusive of meat that is unfit for human consumption. As reported by individual countries, meat production data may refer either to commercial production (meat entering marketing

channels), inspected production (from animals slaughtered under sanitary inspection), or total production (the total of the above-mentioned categories plus slaughter for personal consumption). All FAO annual production data refer to total production.

Originator: FAO, Statistics Division

Owner: FAO

MILK

Whole fresh milk production from buffaloes, camels, cows, goats and sheep.

Originator: FAO, Statistics Division

Owner: FAO

NET TRADE

Value in USD of exports (including re-exports for aquatic animals) minus imports.

Originator: FAO, Statistics Division and FAO, Fisheries and Aquaculture Division

Owner: FAO

OIL CROPS

Oil-bearing crops or oil crops include both annual (usually called oilseeds) and perennial plants whose seeds, fruits or mesocarp, and nuts are valued mainly for the edible or industrial oils that are extracted from them. Oil crops exclude dessert and table nuts, although they are rich in oil, as well as annual oilseed plants that are either harvested green or are used for grazing and for green manure. Some oil crops are also fibre crops in that both the seeds and the fibres are harvested from the same plant (for example coconuts, kapok fruit, seed cotton, linseed and hempseed).

Originator: FAO, Statistics Division

Owner: FAO

PAPER AND PAPERBOARD

The paper and paperboard category is an aggregate category. In the production and trade statistics, it represents the sum of graphic papers, sanitary and household papers, packaging materials, and other paper and paperboard. It excludes manufactured paper products such as boxes, cartons, books and magazines.

Originator: FAO, Forestry Division

Owner: FAO

PERMANENT CROPS

Land cultivated with long-term crops that do not have to be replanted for several years (such as cocoa and coffee), land under trees and shrubs producing flowers (such as roses and jasmine), and nurseries (except those for forest trees, which should be classified under “Forestry”) are all considered land under permanent crops. Permanent meadows and pastures are excluded from land under permanent crops.

Originator: FAO, Statistics Division

Owner: FAO

PERMANENT MEADOWS AND PASTURES

Land used permanently (five years or more) to grow herbaceous forage crops through cultivation or naturally (wild prairie or grazing land) is considered land under permanent meadows and pastures. Permanent meadows and pastures on which trees and shrubs are grown should be

recorded under this heading only if the growing of forage crops is the most important use of the area. Measures may be taken to keep or increase productivity of the land (e.g. use of fertilizers, mowing or systematic grazing by domestic animals.) This class includes:

- grazing in wooded areas (agroforestry areas, for example)
- grazing in shrubby zones (heath, maquis, garigue) and
- grassland in the plain or low mountain areas used for grazing: land crossed during transhumance where the animals spend a part of the year (approximately 100 days) without returning to the holding in the evening: mountain and subalpine meadows and similar; and steppes and dry meadows used for pasture.

Originator: FAO, Statistics Division

Owner: FAO

PESTICIDES

Pesticides include insecticides, fungicides, herbicides, disinfectants and any substance or mixture of substances intended for preventing, destroying or controlling any pest, including:

- vectors of human or animal disease;
- unwanted species of plants or animals causing harm during or otherwise interfering with the production, processing, storage, transport or marketing of food, agricultural commodities, wood and wood products

or animal feedstuffs; or

- substances which may be administered to animals for the control of insects, arachnids or other pests in or on their bodies.

The term includes substances intended for use as a plant growth regulator, defoliant, desiccant or agent for thinning fruit or preventing the premature fall of fruit, and substances applied to crops either before or after harvest to protect the commodity from deterioration during storage and transport. Pesticide use data refers to quantities of pesticides applied to crops and seeds in the agricultural sector. Figures are expressed in metric tonnes of active ingredients. However, due to some country reporting practices, the data may be reported by use in formulated product; sales; distribution; or imports for use in the agricultural sector.

Originator: FAO, Statistics Division

Owner: FAO

PREVALENCE OF MODERATE OR SEVERE FOOD INSECURITY

The prevalence of moderate or severe food insecurity is an estimate of the percentage of people in the population who live in households classified as moderately or severely food insecure. The assessment is conducted using data collected with the Food Insecurity Experience Scale (FIES) or a compatible experience-based food security measurement questionnaire (such as the

Household Food Security Survey Module, or HFSSM). The probability of being food insecure is estimated using the one-parameter logistic Item Response Theory model (the Rasch model) and thresholds for classification are made comparable across countries by calibrating the metrics obtained in each country against the FIES global reference scale, maintained by FAO. The threshold to classify “moderate or severe” food insecurity corresponds to the severity associated with the item “having to eat less” on the global FIES scale. In simpler terms, a household is classified as moderately or severely food insecure when at least one adult in the household was reported to have been exposed, at times during the year, to low-quality diets and might have been forced to also reduce the quantity of food they would normally eat because of a lack of money or other resources. It is an indicator of a lack of access to food.

Originator: FAO, Statistics Division

Owner: FAO

PREVALENCE OF SEVERE FOOD INSECURITY

The prevalence of severe food insecurity is an estimate of the percentage of people in the population who live in households classified as severely food insecure. The assessment is conducted using data collected with the FIES or a compatible experience-based food security measurement questionnaire (such as the HFSSM). The probability of being food insecure is estimated using the one-parameter logistic

Item Response Theory model (the Rasch model) and thresholds for classification are made comparable across countries by calibrating the metrics obtained in each country against the FIES global reference scale, maintained by FAO. The threshold to classify “severe” food insecurity corresponds to the severity associated with the item “having not eaten for an entire day” on the global FIES scale. In simpler terms, a household is classified as severely food insecure when at least one adult in the household was reported to have been exposed, at times during the year, to several of the most severe experiences described in the FIES questions, such as having been forced to reduce the quantity of the food, having skipped meals, having gone hungry, or having to go for a whole day without eating because of a lack of money or other resources. It is an indicator of lack of access to food.

Originator: FAO, Statistics Division

Owner: FAO

PREVALENCE OF UNDERNOURISHMENT

Expresses the probability that a randomly selected individual from the population consumes an insufficient quantity of calories to cover their energy requirement for an active and healthy life. The indicator is computed by comparing a probability distribution of habitual daily dietary energy consumption with a threshold level called the minimum dietary energy requirement. Both are based on the notion

of an average individual in the reference population.

Originator: FAO, Statistics Division

Owner: FAO

PRODUCER PRICES

Producer prices are prices received by farmers for primary crops, live animals and livestock primary products as collected at the point of initial sale (prices paid at the farm-gate).

Originator: FAO, Statistics Division

Owner: FAO

PRODUCTION

Figures relate to the total domestic production inside or outside the agricultural sector, i.e. they include non-commercial production and production from kitchen gardens. Unless otherwise indicated, production is reported at the farm level for crop and livestock products (i.e. in the case of crops, excluding harvesting losses) and in terms of live weight for aquatic animal products (i.e. the actual ex-water weight at time of catch). All data shown relate to total meat production from both commercial and farm slaughter. Data are expressed in terms of dressed carcass weight, excluding offal and slaughter fats. Production of beef and buffalo meat includes veal; mutton and goat meat includes meat from lambs and kids; and pig meat includes bacon and ham in fresh equivalent. Poultry meat includes meat from all domestic birds and refers, wherever possible, to ready-to-cook weight.

Originator: FAO, Statistics Division

Owner: FAO

PRODUCTION, CROPS

Production and crops refer to the actual harvested production from the field or orchard and gardens, excluding harvesting and threshing losses and any part of a crop not harvested for any reason. Production, therefore, includes the quantities of the commodity sold in the market (marketed production) and the quantities consumed or used by the producers (auto-consumption). When the production data available refers to a production period falling into two successive calendar years and it is not possible to allocate the relative production to each of them, it is common to refer production data to the year in which the bulk of the production falls. Crop production data are recorded in tonnes (t). In many countries, crop production data are obtained as a function of the estimated yield and the total area. If such a compilation method of production statistics is enforced by the country, it must be ensured that the total area does not refer to sown or planted areas, which would then give the biological production, but to the actual harvested area during the year.

Originator: FAO, Statistics Division
Owner: FAO

PROTEIN SUPPLY OF ANIMAL ORIGIN, AVERAGE

National average protein supply (expressed in grams per capita per day) includes the following groups: meat, offals, animal fats and products, milk and products, eggs, aquatic animal products and other.

Originator: FAO, Statistics Division
Owner: FAO

PROTEIN SUPPLY, AVERAGE

National average protein supply is expressed in grams per capita per day.

Originator: FAO, Statistics Division
Owner: FAO

RECOVERED PAPER

Waste and scraps of paper or paperboard that have been collected for reuse or trade include paper and paperboard that have been used for their original purposes and residues from paper and paperboard production.

Originator: FAO, Forestry Division
Owner: FAO

ROUNDWOOD

All roundwood felled or otherwise harvested and removed is comprised of all wood obtained from removals, i.e. the quantities removed from forests and from trees outside the forest, including wood recovered from natural, felling and logging losses during the period, calendar year or forest year. It includes all wood removed with or without bark, including wood removed in its round form, or split, roughly squared or in other form (e.g. branches, roots, stumps and burls, where these are harvested) and wood that is roughly shaped or pointed. It is an aggregate comprising wood fuel, including wood for charcoal and industrial roundwood (wood in the rough). It is reported in cubic metres solid volume underbark (i.e. excluding bark).

Originator: FAO, Forestry Division
Owner: FAO

ROOTS AND TUBERS

Roots and tubers are plants yielding starchy roots, tubers, rhizomes, corms and stems. The denomination “roots and tubers” excludes crops that are cultivated mainly for feed (mangolds, swedes) or for processing into sugar (sugar beets), and those classified as “roots, bulb and tuberous vegetables” (onions, garlic and beets).

Originator: FAO, Statistics Division
Owner: FAO

SAWNWOOD

Wood that has been produced from domestic or imported roundwood, either by sawing lengthways or by a profile-chipping process, and that exceeds 6 mm in thickness is sawnwood.

Originator: FAO, Forestry Division
Owner: FAO

STARCHY ROOTS

Starchy roots include cassava and products, potatoes and products, sweet potatoes and other roots.

Originator: FAO, Statistics Division
Owner: FAO

STUNTING, CHILDREN UNDER 5 YEARS OF AGE

Height-for-age less than –2 standard deviations of the World Health Organization (WHO) Child Growth Standards median, among children aged 0–59 months.

Originator: United Nations Children's Fund (UNICEF)
Owner: UNICEF/WHO/The World Bank:
Joint child malnutrition estimates

SUGAR CROPS

Sugar crops include sugar beet, sugar cane, sugar crops nes.

Originator: FAO, Statistics Division

Owner: FAO

UNDERNOURISHED, NUMBER OF PEOPLE

The number of people undernourished is obtained by multiplying estimates of the proportion of undernourished for each country by estimates of the total population. Undernourishment refers to the condition of people whose dietary energy consumption is continuously below a minimum dietary energy requirement for maintaining a healthy life and carrying out light physical activity.

Originator: FAO, Statistics Division

Owner: FAO

VEGETABLE OILS

Vegetable oils are the oil equivalent of oil crops, which include seeds, nuts, oil palm fruit, olives and soybeans.

Originator: FAO, Statistics Division

Owner: FAO

WATER STRESS

Water stress is the ratio between total freshwater withdrawn by all major sectors and total renewable freshwater resources, after taking into account environmental water requirements.

Originator: FAO, Land and Water Division (AQUASTAT)

Owner: FAO

WOOD CHARCOAL

Wood carbonized by partial combustion or by heat from external sources is wood charcoal. It includes charcoal used as a fuel or for other uses, e.g. as a reduction agent in metallurgy or as an absorption or filtration medium.

Originator: FAO, Forestry Division

Owner: FAO

WOOD FUEL

Roundwood that will be used as fuel for purposes such as cooking, heating or power production is wood fuel. This includes wood harvested from main stems, branches and other parts of trees (where these are harvested for fuel) and wood that will be used for the production of charcoal (e.g. in pit kilns and portable ovens), wood pellets, briquettes and other agglomerates. It also includes wood chips to be used for fuel that are made directly (i.e. in the forest) from roundwood. It excludes wood charcoal, pellets, briquettes and other agglomerates. It is reported in cubic metres solid volume underbark (i.e. excluding bark).

Originator: FAO, Forestry Division

Owner: FAO

WOOD PELLETS

Wood pellets are made from wood agglomerates produced from co-products (such as cutter shavings, sawdust or chips) of the mechanical wood processing industry, furniture-making industry or other wood

transformation activities. They are produced either directly by compression or by the addition of a binder in a proportion not exceeding 3 percent by weight. Such pellets are cylindrical, with a diameter not exceeding 25 mm and a length not exceeding 100 mm. They are assumed to have 8 percent moisture content.

Originator: FAO, Forestry Division

Owner: FAO

WOOD PULP

Wood pulp is fibrous material prepared from pulpwood, wood chips, particles or residues by a mechanical or chemical process for further manufacture into paper, paperboard, fibreboard or other cellulose products. It is an aggregate comprising mechanical wood pulp, semi-chemical wood pulp, chemical wood pulp and dissolving wood pulp. It is reported in metric tonnes air-dry weight (i.e. with 10 percent moisture content).

Originator: FAO, Forestry Division

Owner: FAO

WOOD-BASED PANELS

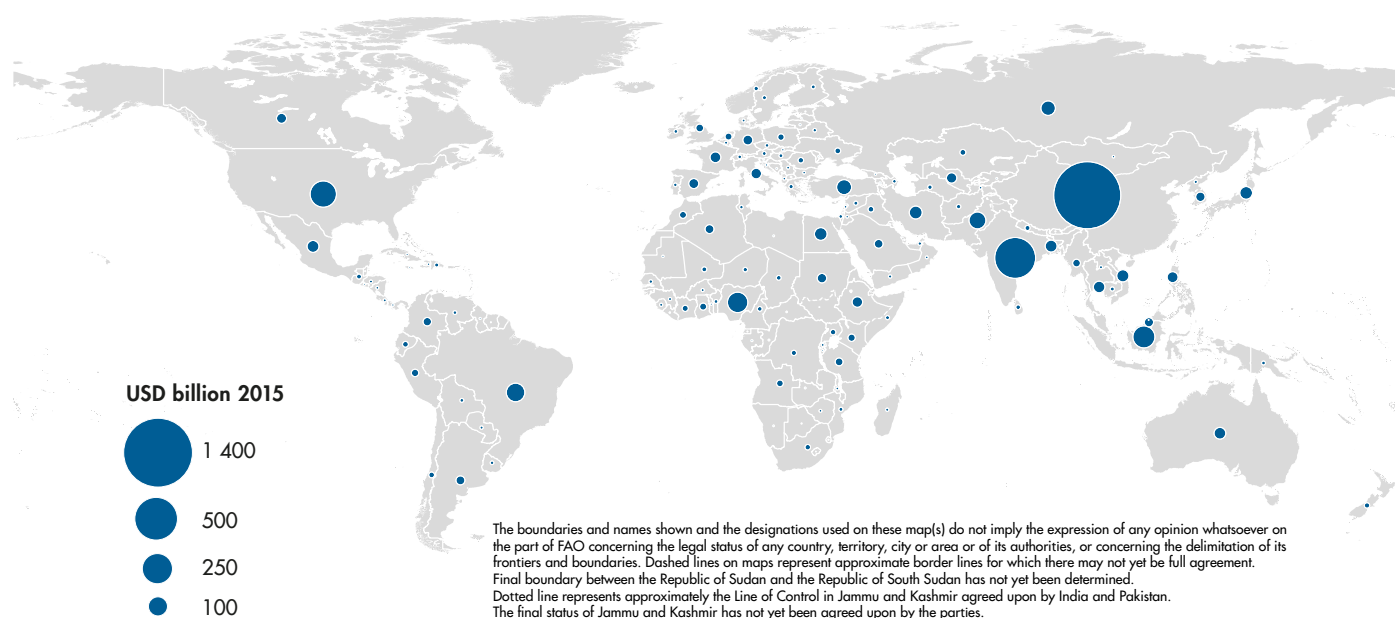
This product category is an aggregate comprising veneer sheets, plywood, particle board and fibreboard. It is reported in cubic metres solid volume.

Originator: FAO, Forestry Division

Owner: FAO

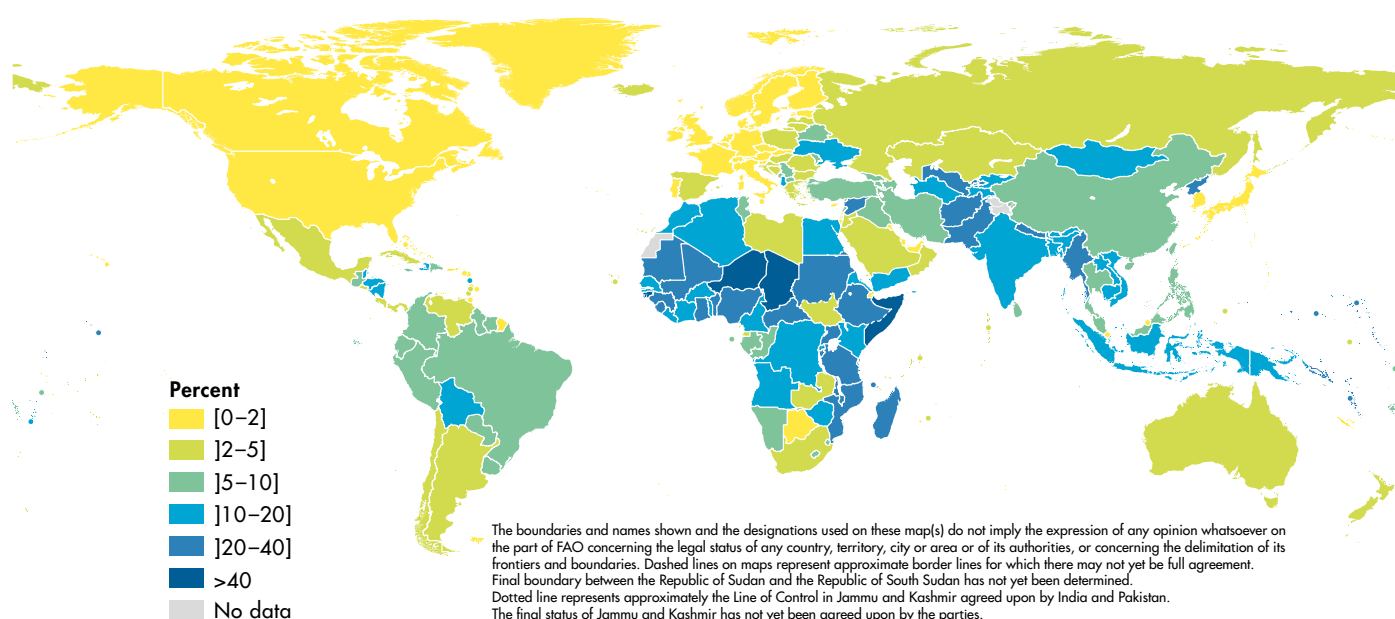
ANNEX 3: FOOD AND AGRICULTURE MAPS

MAP 1.
VALUE ADDED OF AGRICULTURE, FORESTRY AND FISHING BY REGION (2023)



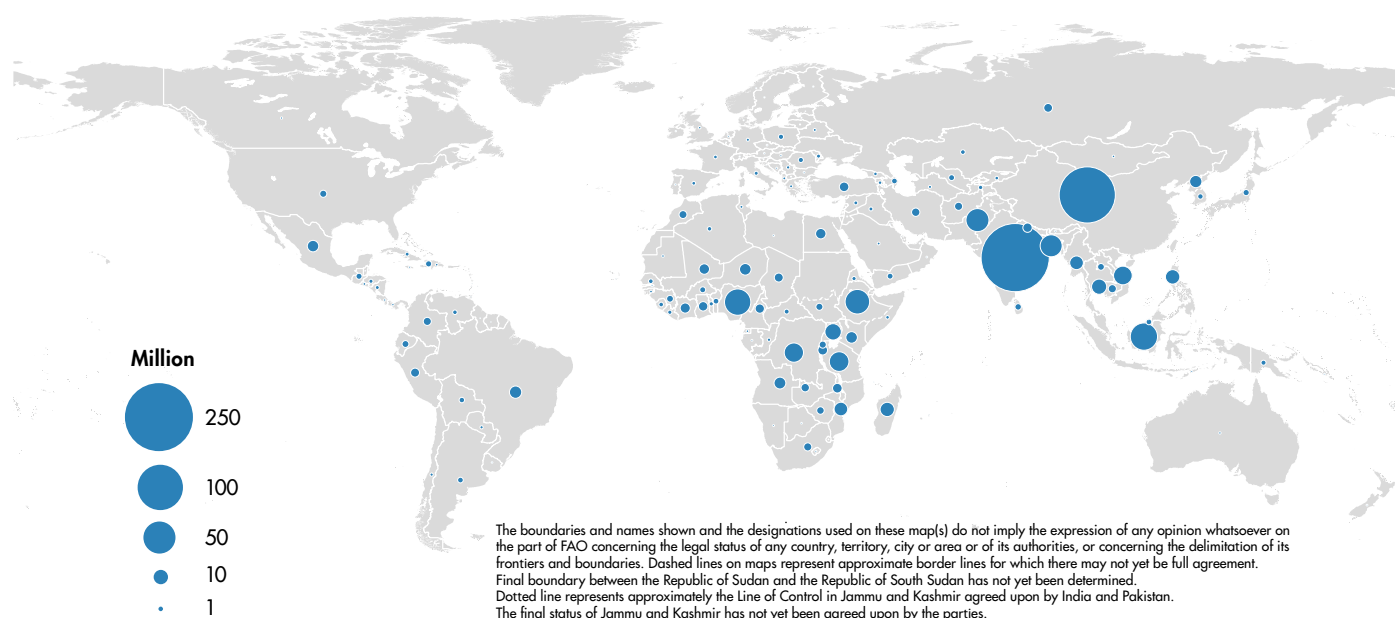
Source: FAO. 2025. FAOSTAT: Macro Indicators. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/MK>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-map01>

MAP 2.
SHARE OF AGRICULTURE, FORESTRY AND FISHING VALUE ADDED IN TOTAL GDP (2023, USD 2015 PRICES)



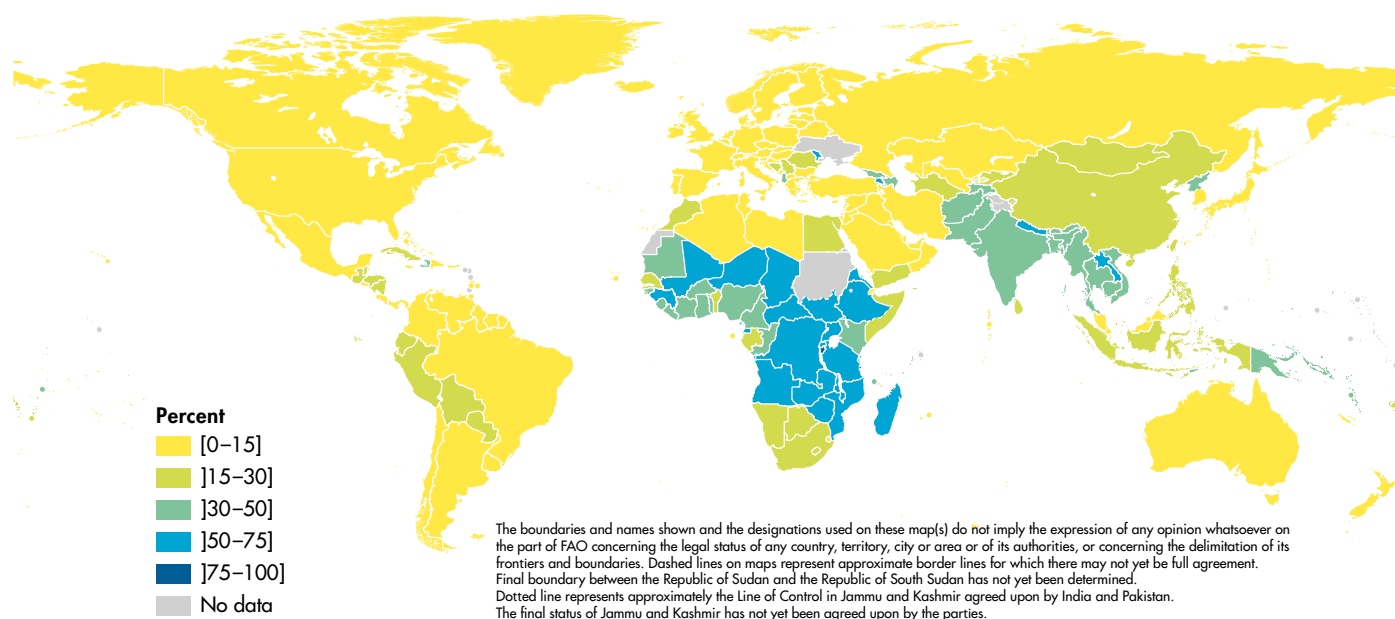
Source: FAO. 2025. FAOSTAT: Macro Indicators. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/MK>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-map02>

MAP 3.
EMPLOYMENT IN AGRICULTURE, FORESTRY AND FISHING (2023)



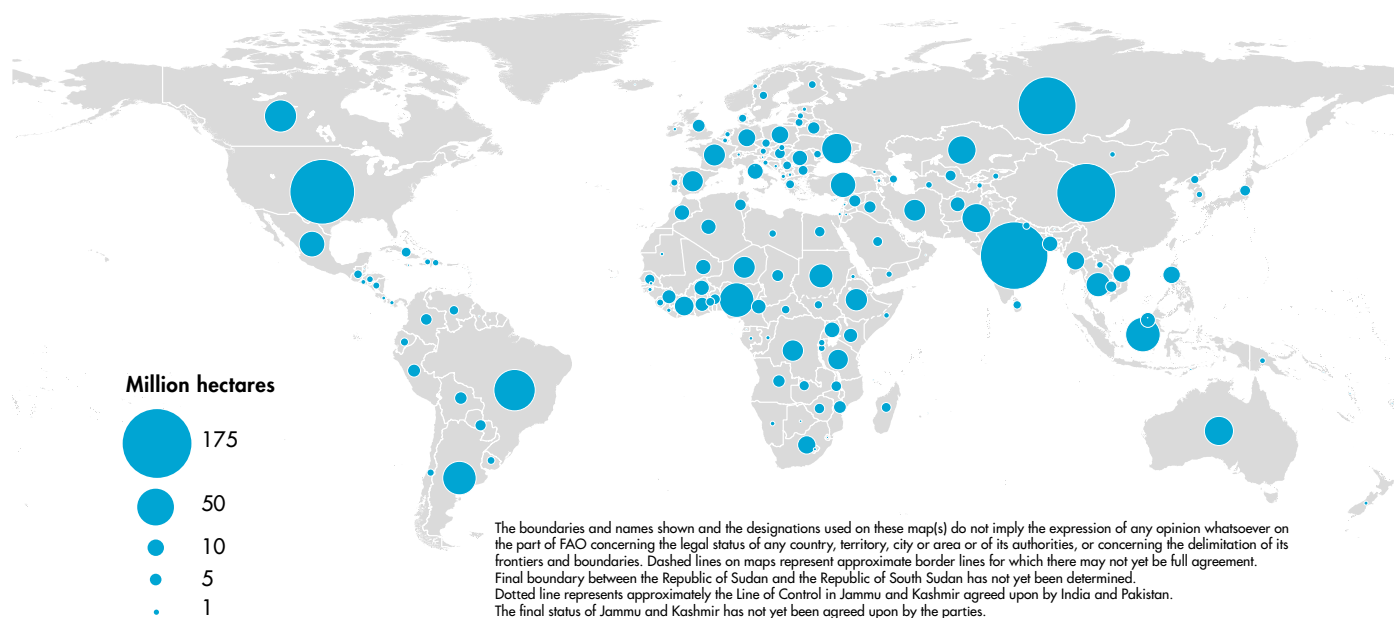
Source: FAO. 2025. FAOSTAT: Employment Indicators: Agriculture and agrifood systems. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/OEA>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-map03>

MAP 4.
SHARE OF AGRICULTURE, FORESTRY AND FISHING EMPLOYMENT IN TOTAL EMPLOYMENT (2023)



Source: FAO. 2025. FAOSTAT: Employment Indicators: Agriculture and agrifood systems. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/OEA>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-map04>

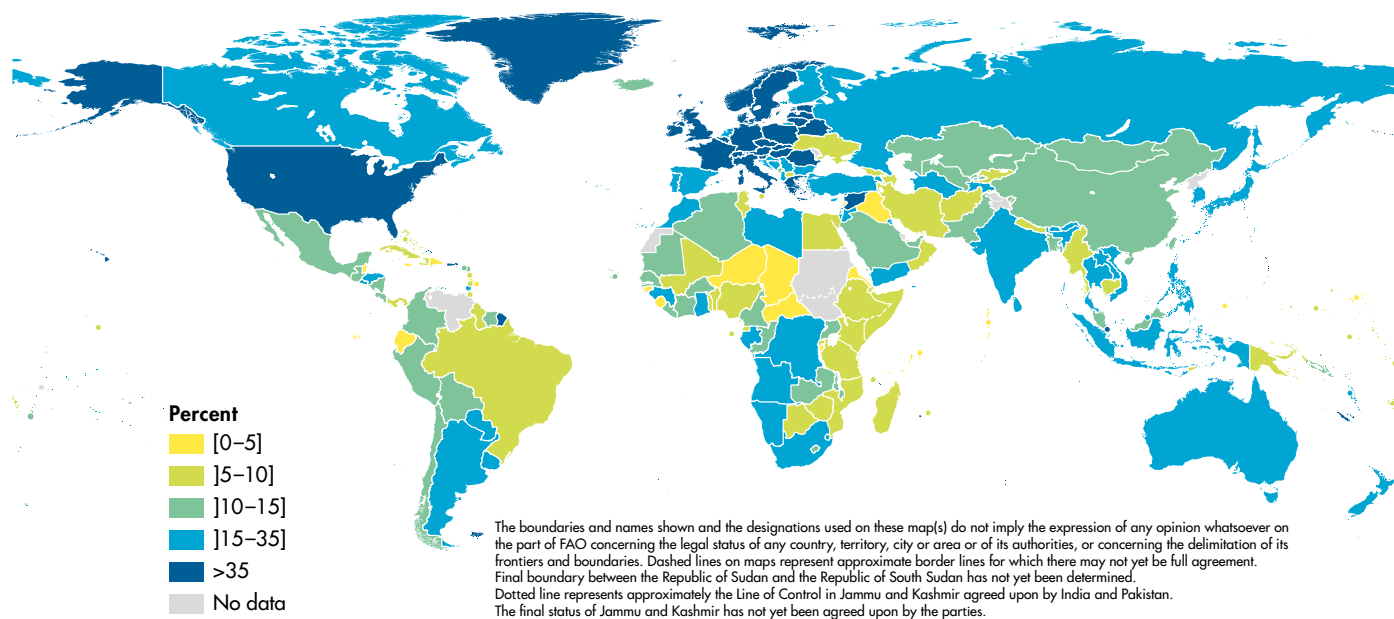
MAP 5.
CROPLAND AREA (2023)



Source: FAO. 2025. FAOSTAT: Land Use. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/RL>. Licence: CC-BY-4.0.

Download: <https://doi.org/10.4060/cd4313en-map05>

MAP 6.
GROSS FIXED CAPITAL FORMATION (AGRICULTURE, FORESTRY AND FISHING) AS A SHARE OF VALUE ADDED (2023, USD 2015 PRICES)

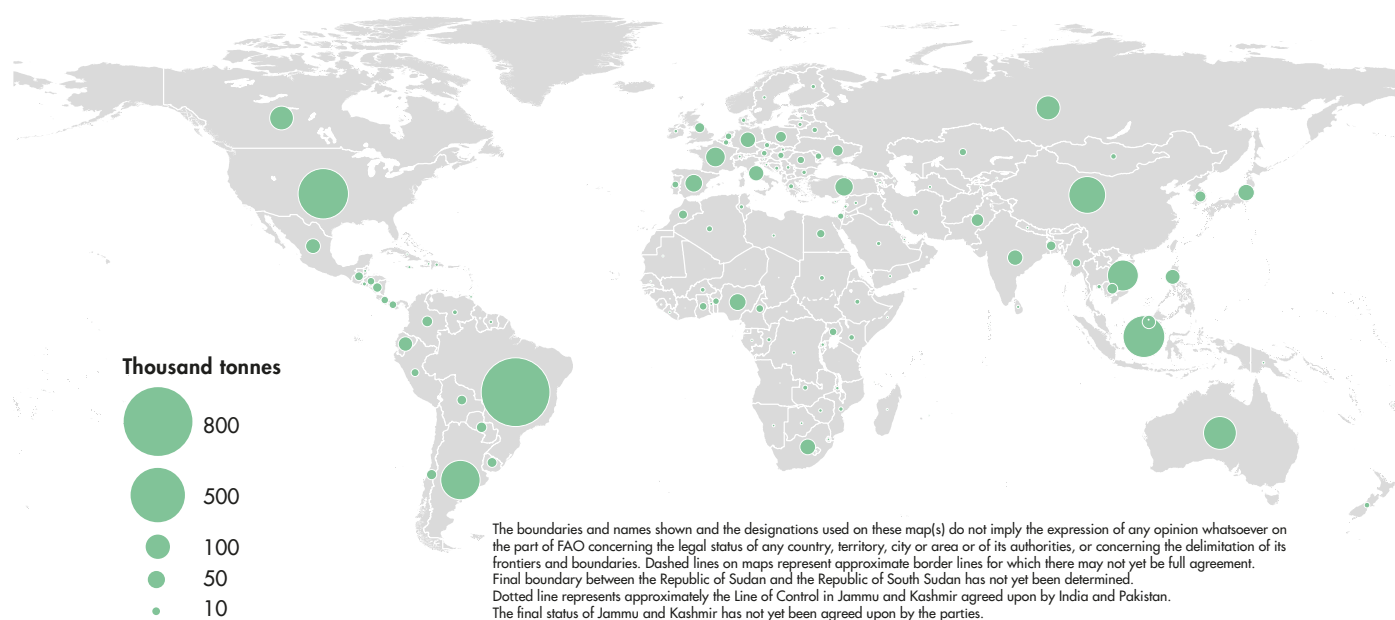


Note: Values for 2023 are projections based on nowcasts.

Source: FAO. 2025. FAOSTAT: Capital Stock. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/CS>. Licence: CC-BY-4.0.

Download: <https://doi.org/10.4060/cd4313en-map06>

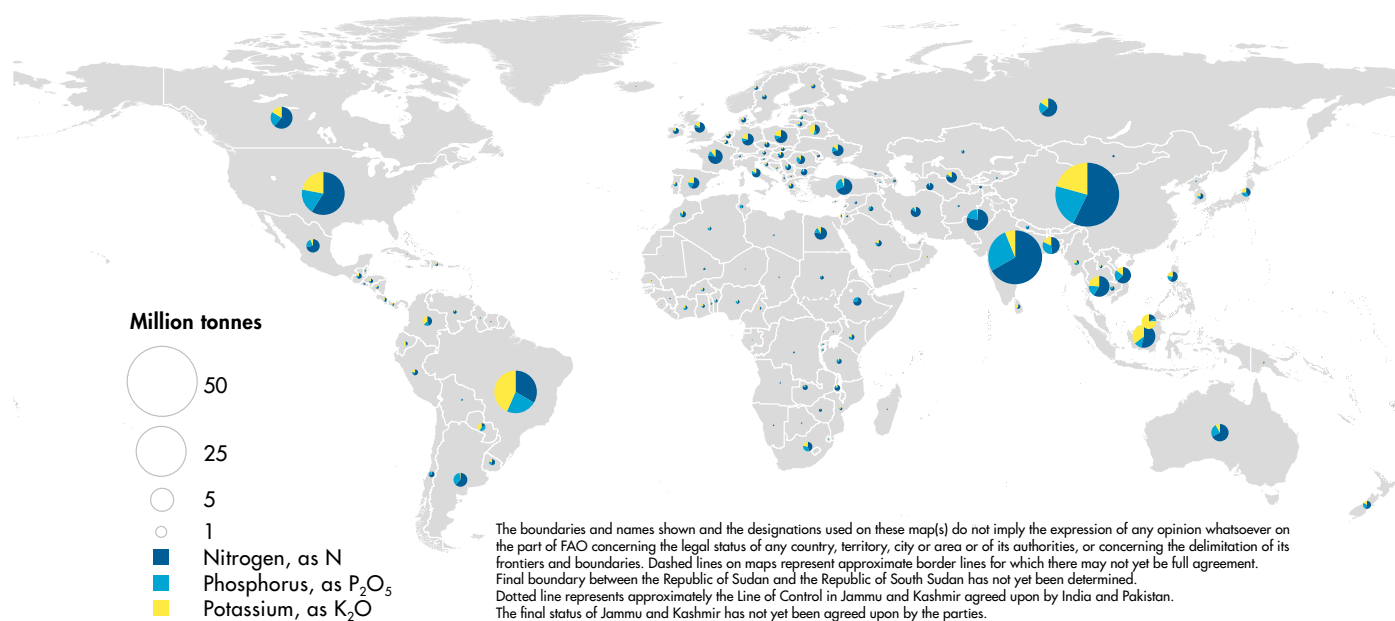
MAP 7.
PESTICIDE USE (2023)



Source: FAO. 2025. FAOSTAT: Pesticides Use. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/RP>. Licence: CC-BY-4.0.

Download: <https://doi.org/10.4060/cd4313en-map07>

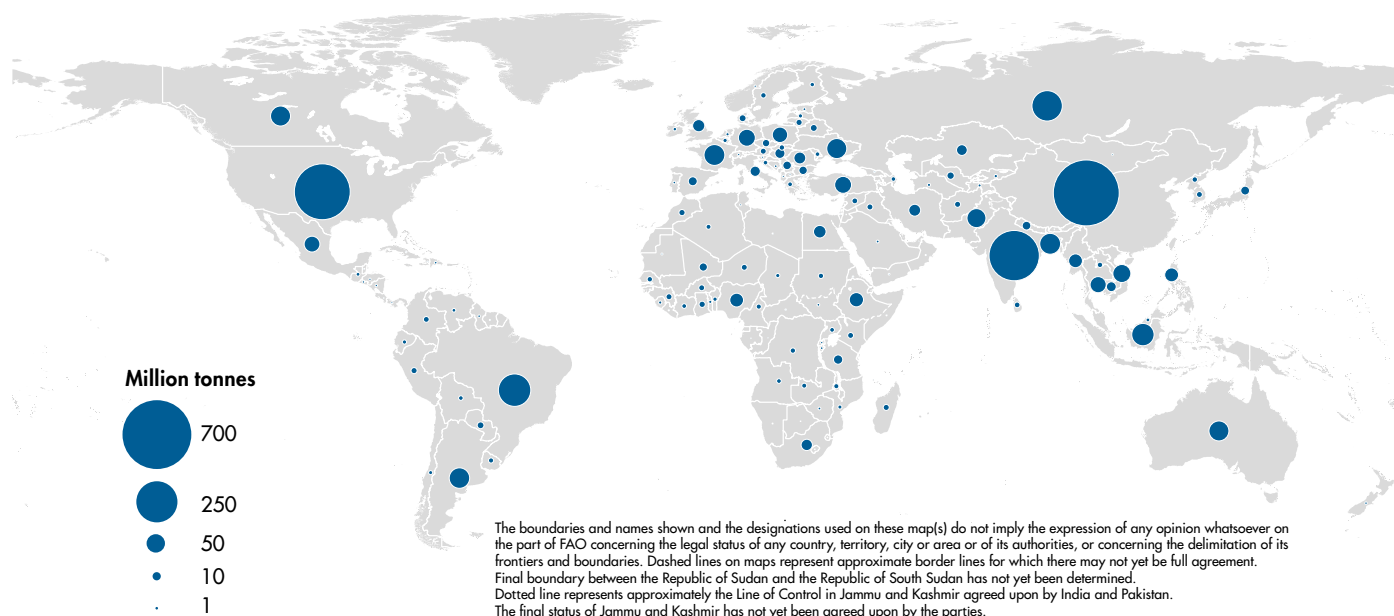
MAP 8.
INORGANIC FERTILIZER USE (2023)



Source: FAO. 2025. FAOSTAT: Fertilizers by Nutrient. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/RFN>. Licence: CC-BY-4.0

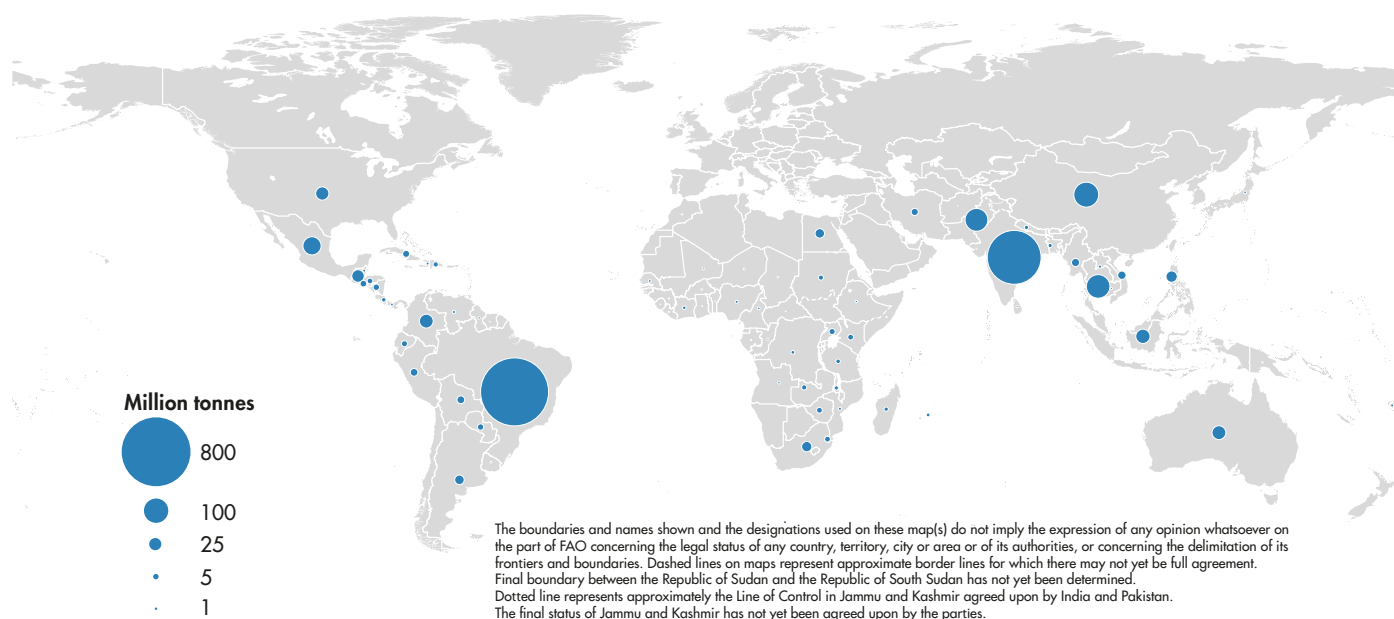
Download: <https://doi.org/10.4060/cd4313en-map08>

MAP 9.
PRODUCTION OF CEREALS (2023)



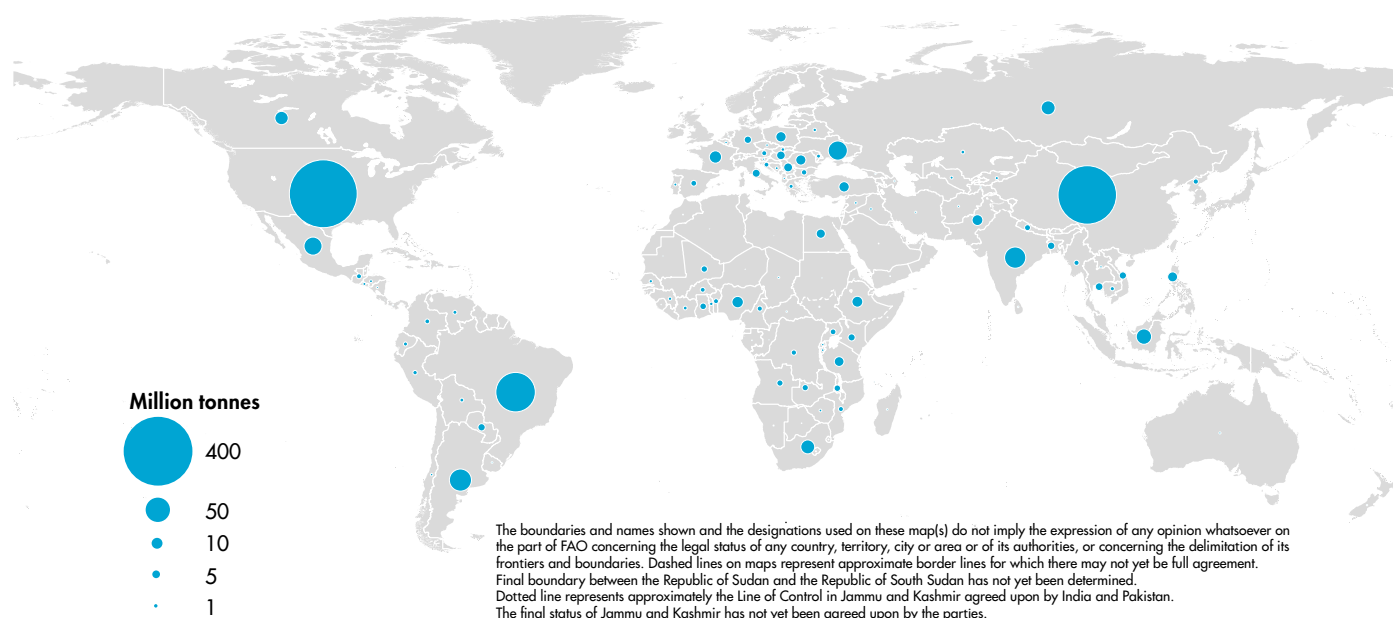
Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/QCL>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-map09>

MAP 10.
PRODUCTION OF SUGAR CANE (2023)



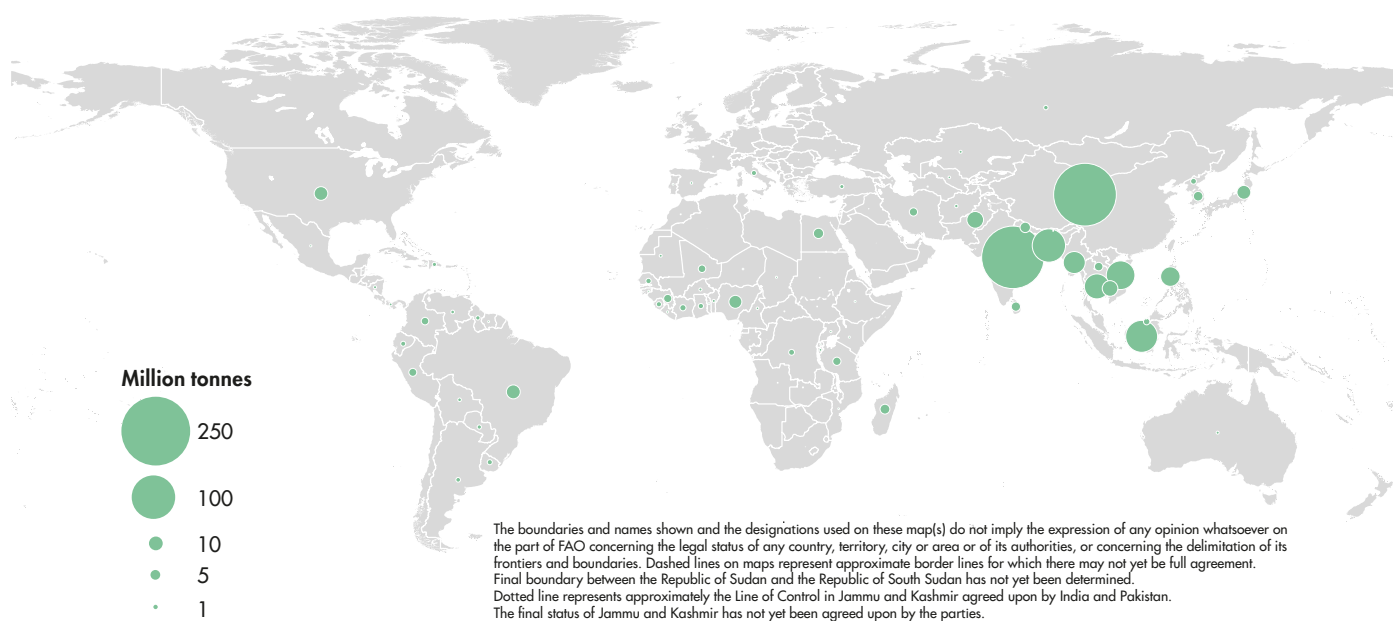
Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/QCL>. Licence: CC-BY4.0
Download: <https://doi.org/10.4060/cd4313en-map10>

MAP 11.
PRODUCTION OF MAIZE (2023)



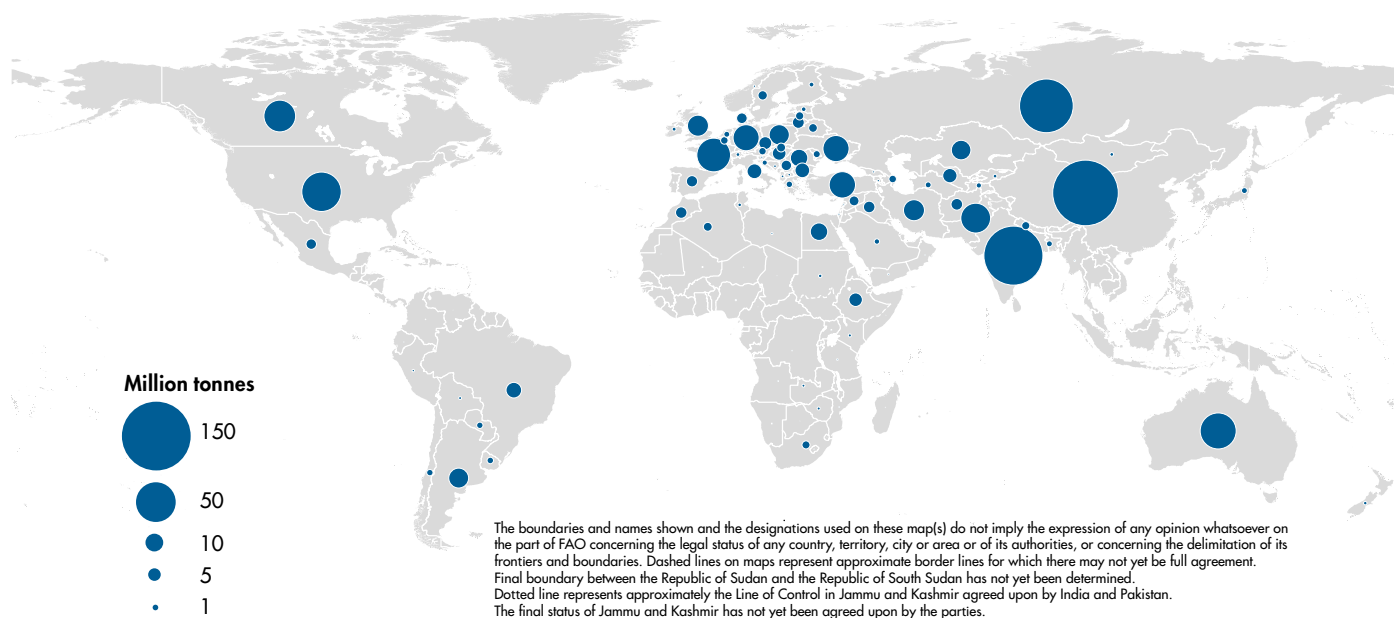
Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/QCL>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-map11>

MAP 12.
PRODUCTION OF RICE (2023)



Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/QCL>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-map12>

MAP 13.
PRODUCTION OF WHEAT (2023)



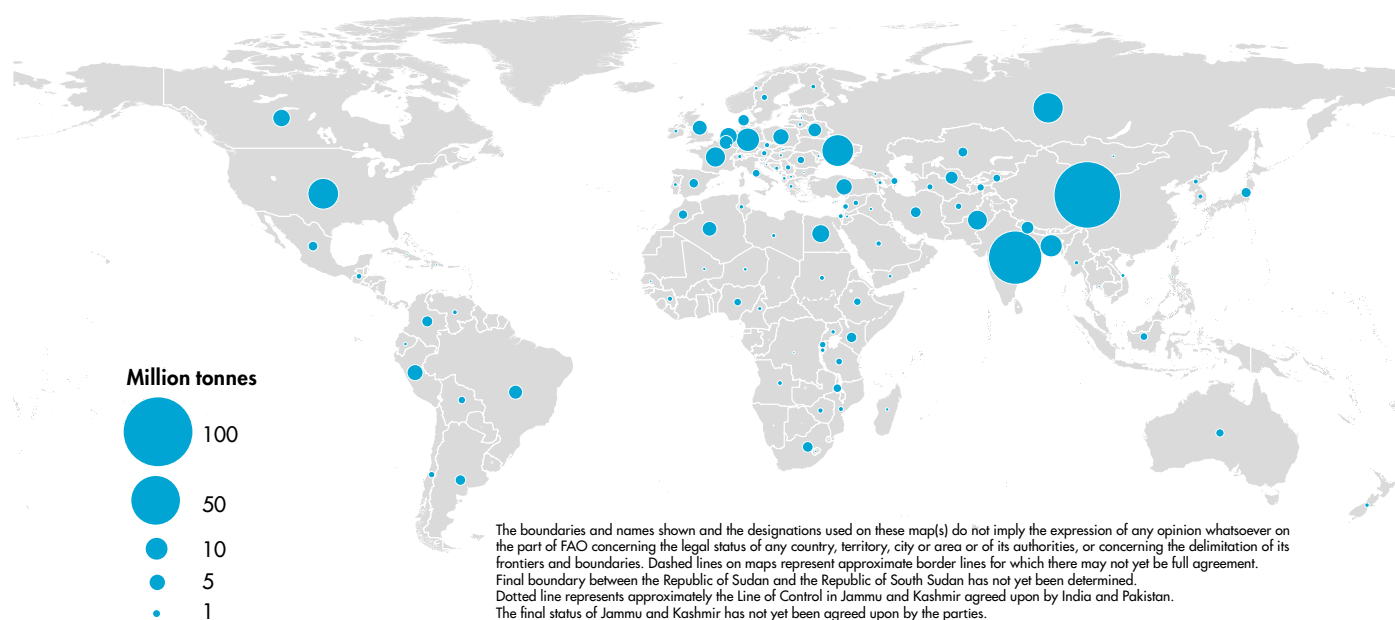
Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/QCL>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-map13>

MAP 14.
PRODUCTION OF OIL PALM FRUIT (2023)



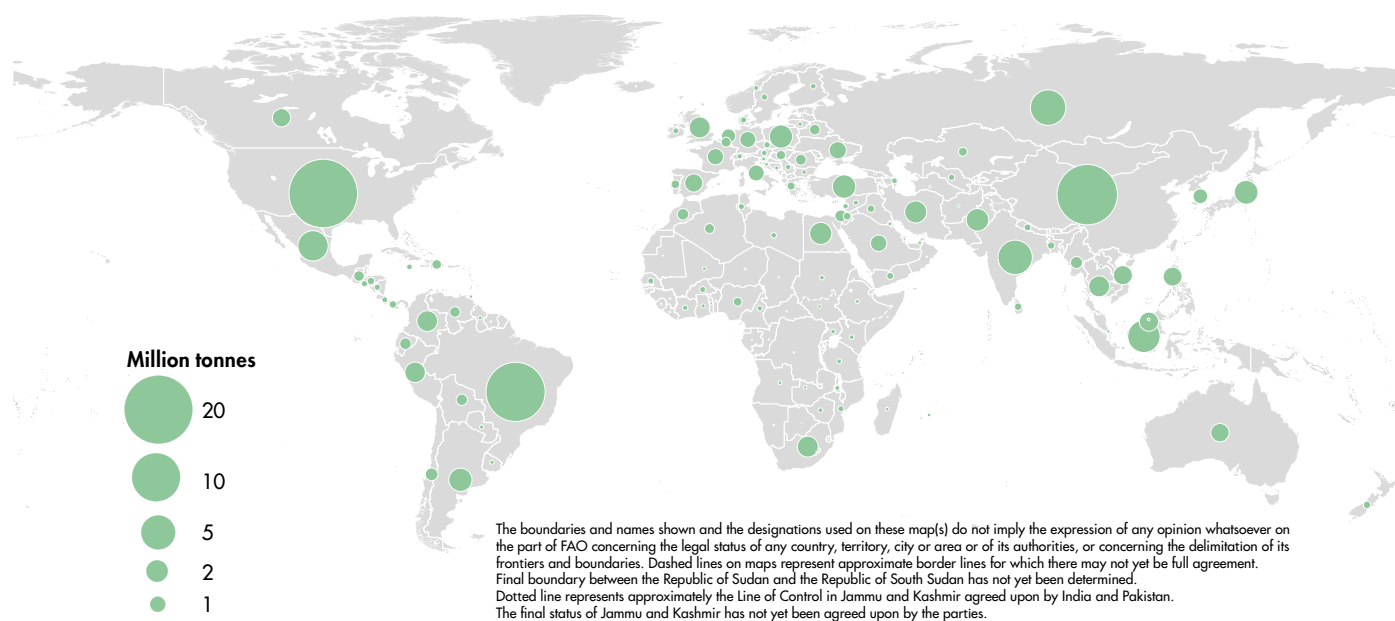
Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/QCL>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-map14>

MAP 15.
PRODUCTION OF POTATOES (2023)



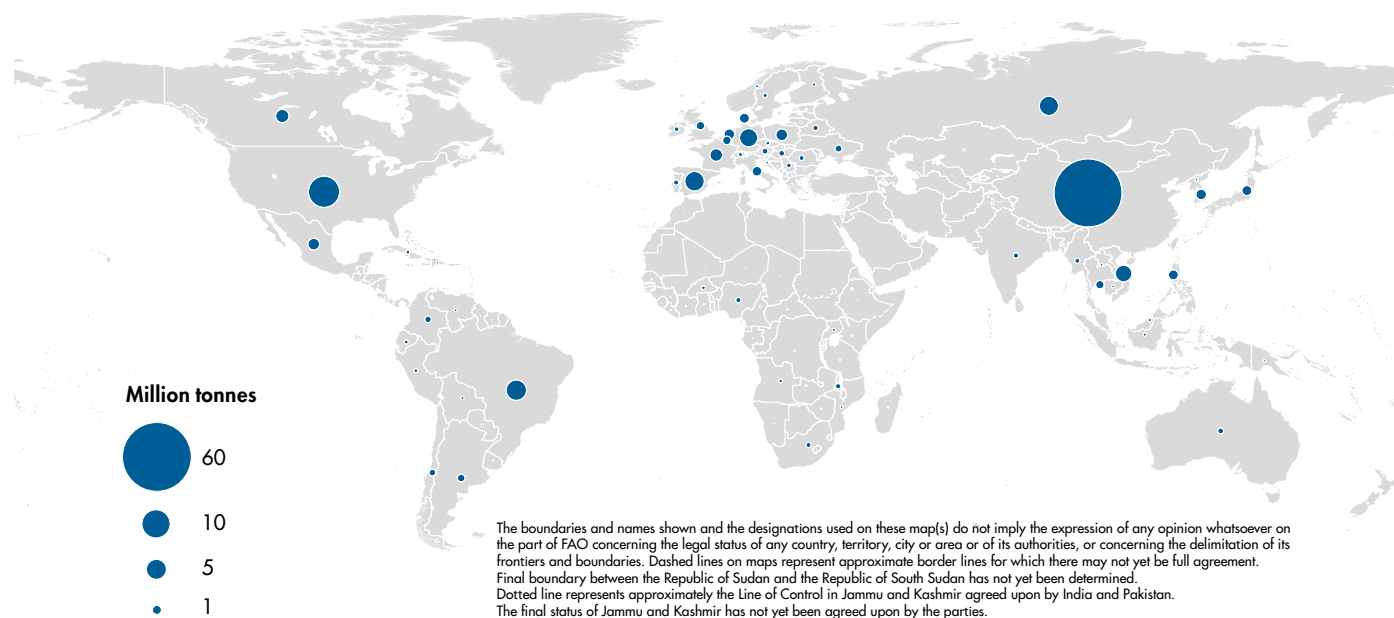
Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/QCL>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-map15>

MAP 16.
PRODUCTION OF CHICKEN MEAT (2023)



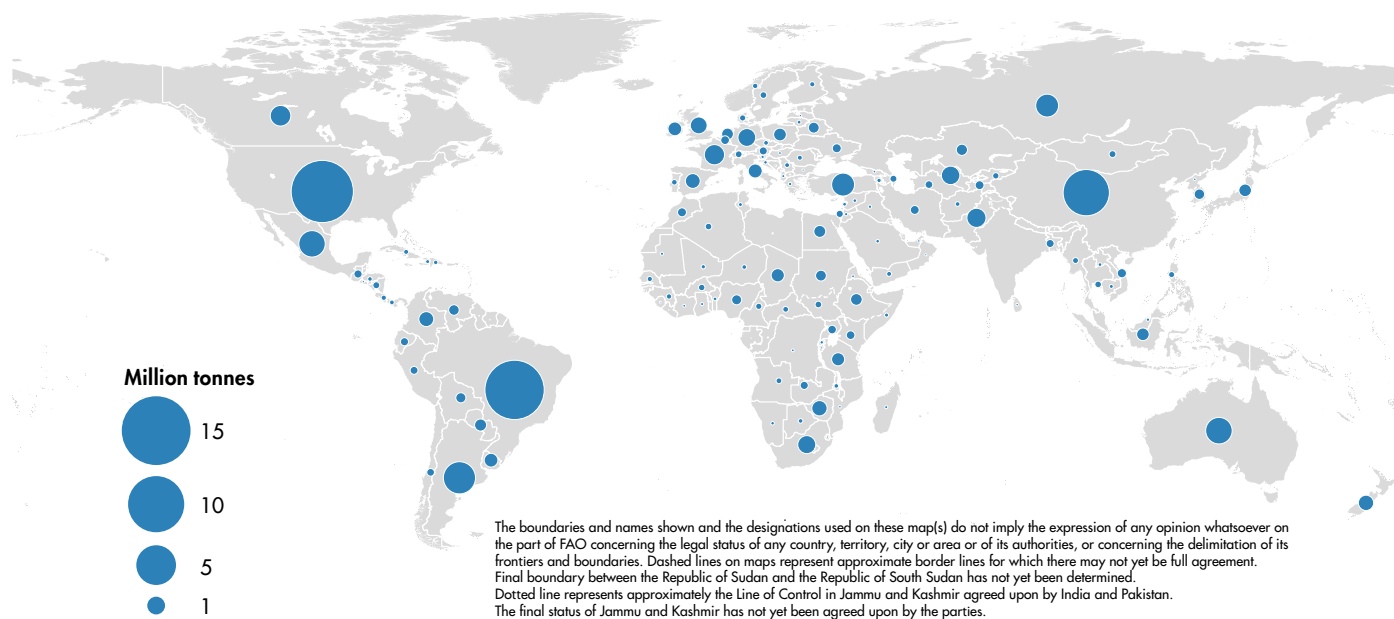
Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/QCL>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-map16>

MAP 17.
PRODUCTION OF PIG MEAT (2023)



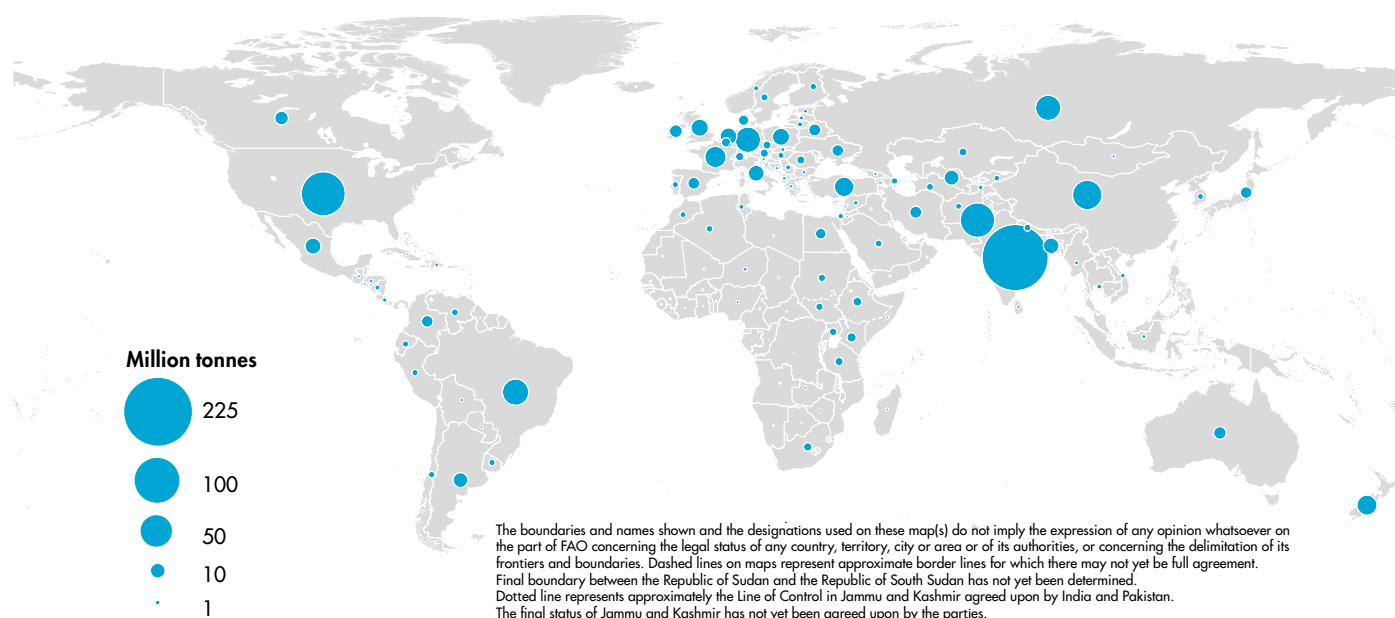
Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/QCL>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-map17>

MAP 18.
PRODUCTION OF CATTLE MEAT (2023)



Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/QCL>. Licence: CC-BY4.0.
Download: <https://doi.org/10.4060/cd4313en-map18>

MAP 19.
PRODUCTION OF BOVINE MILK (2023)

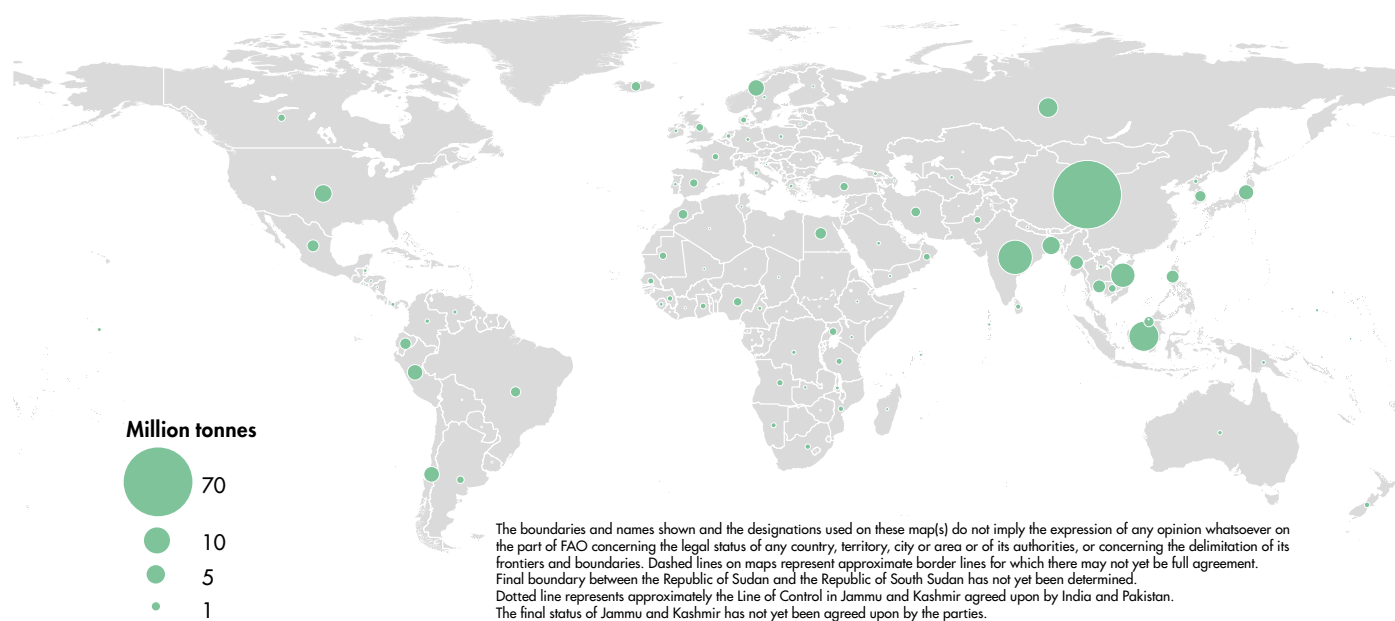


Note: Bovine milk comprises cattle and buffalo milk.

Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/QCL>. Licence: CC-BY4.0.

Download: <https://doi.org/10.4060/cd4313en-map19>

MAP 20.
CAPTURE FISHERIES AND AQUACULTURE PRODUCTION (2023)

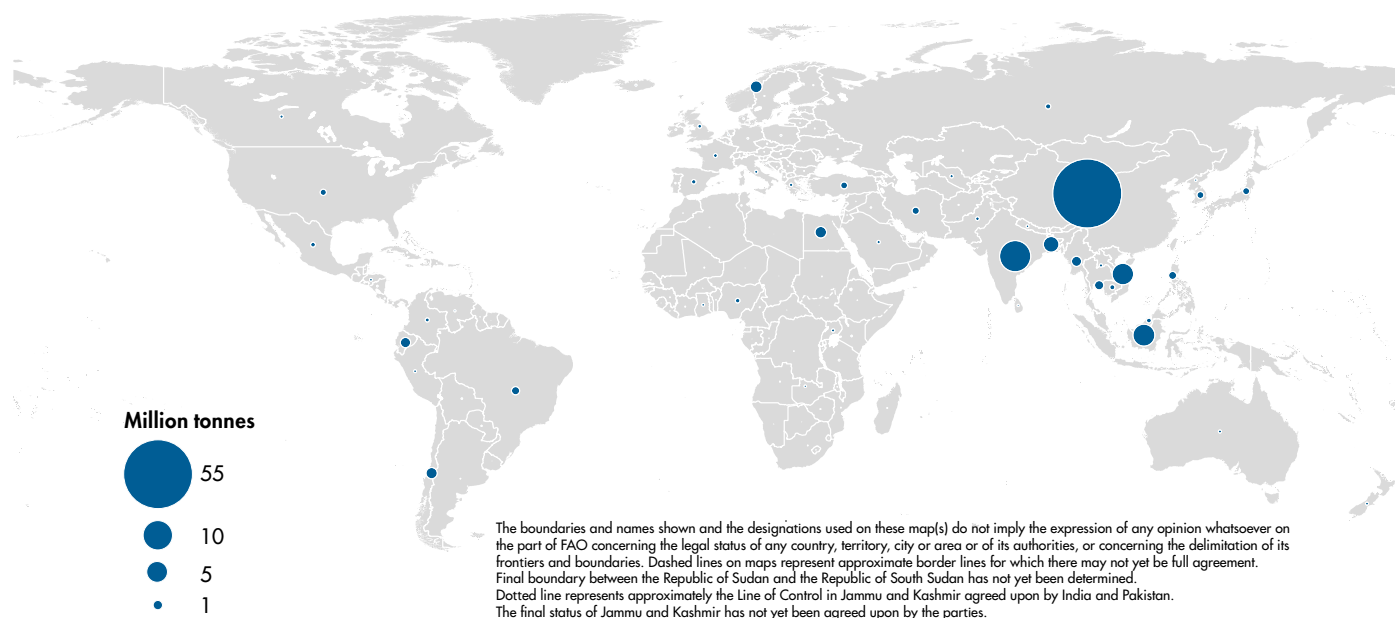


Note: Excludes aquatic mammals, crocodiles, alligators and caimans, pearls and shells, corals, sponges and algae.

Source: FAO. 2025. FishStat: Global production by production source 1950–2023. [Accessed on 28 October 2025]. In: FishStatJ. <https://www.fao.org/fishery/en/statistics/software/fishstatj>. Licence: CC-BY4.0.

Download: <https://doi.org/10.4060/cd4313en-map20>

MAP 21.
AQUACULTURE PRODUCTION (2023)

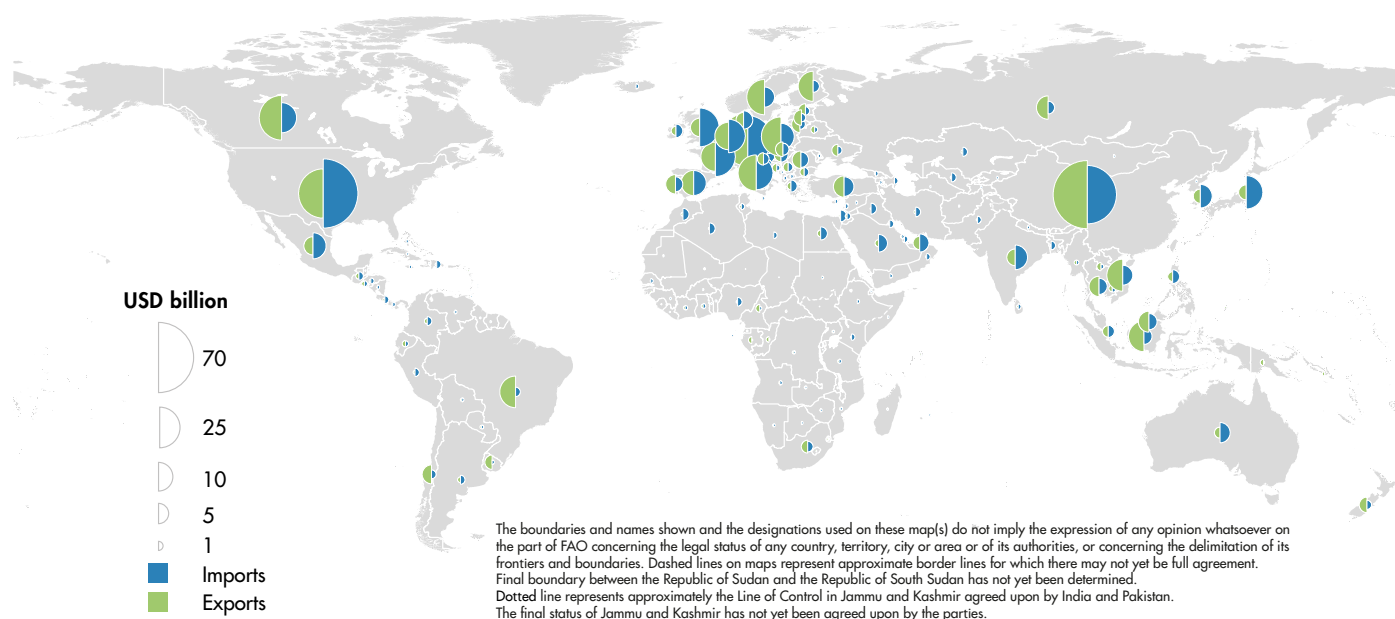


Note: Excludes aquatic mammals, crocodiles, alligators and caimans, pearls and shells, corals, sponges and algae.

Source: FAO. 2025. FishStat: Global production by production source 1950–2023. [Accessed on 28 October 2025]. In: FishStatJ. <https://www.fao.org/fishery/en/statistics/software/fishstatj>. Licence: CC-BY4.0.

Download: <https://doi.org/10.4060/cd4313en-map21>

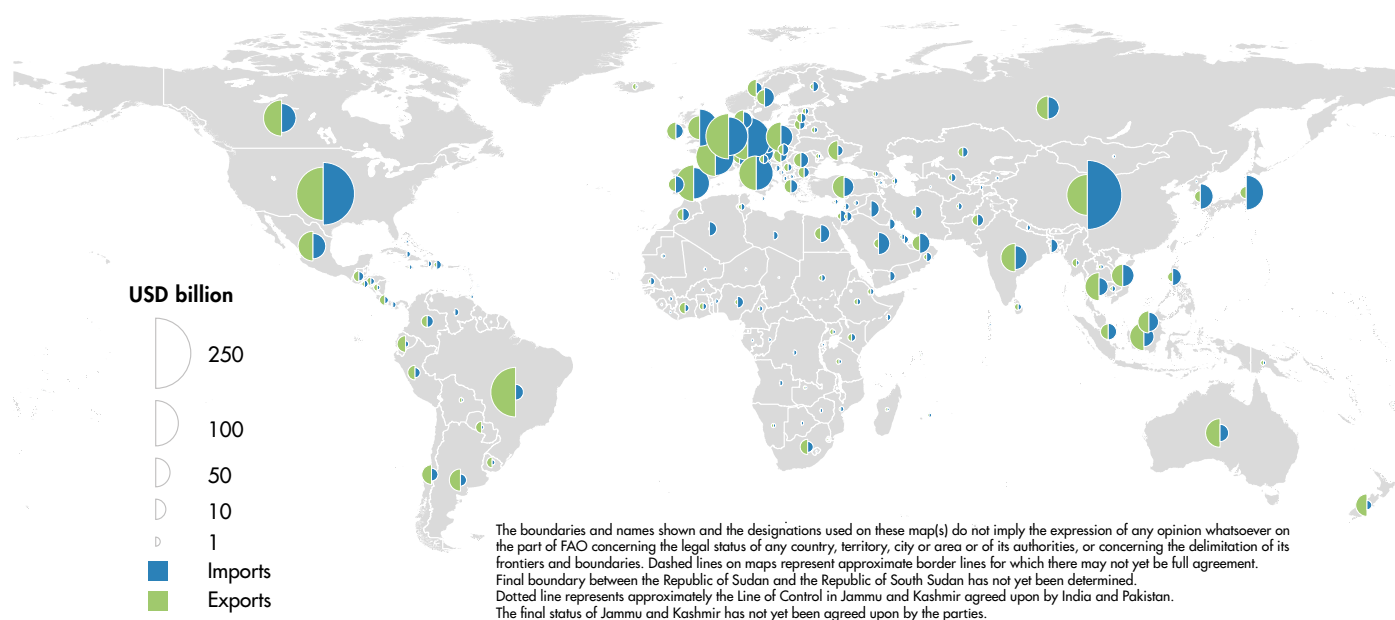
MAP 22.
IMPORTERS AND EXPORTERS OF FOREST PRODUCTS (2023)



Source: FAO. 2024. FAOSTAT: Forestry Production and Trade. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/FO>. Licence: CC-BY4.0.

Download: <https://doi.org/10.4060/cd4313en-map22>

MAP 23.
IMPORTERS AND EXPORTERS OF FOOD (2023)

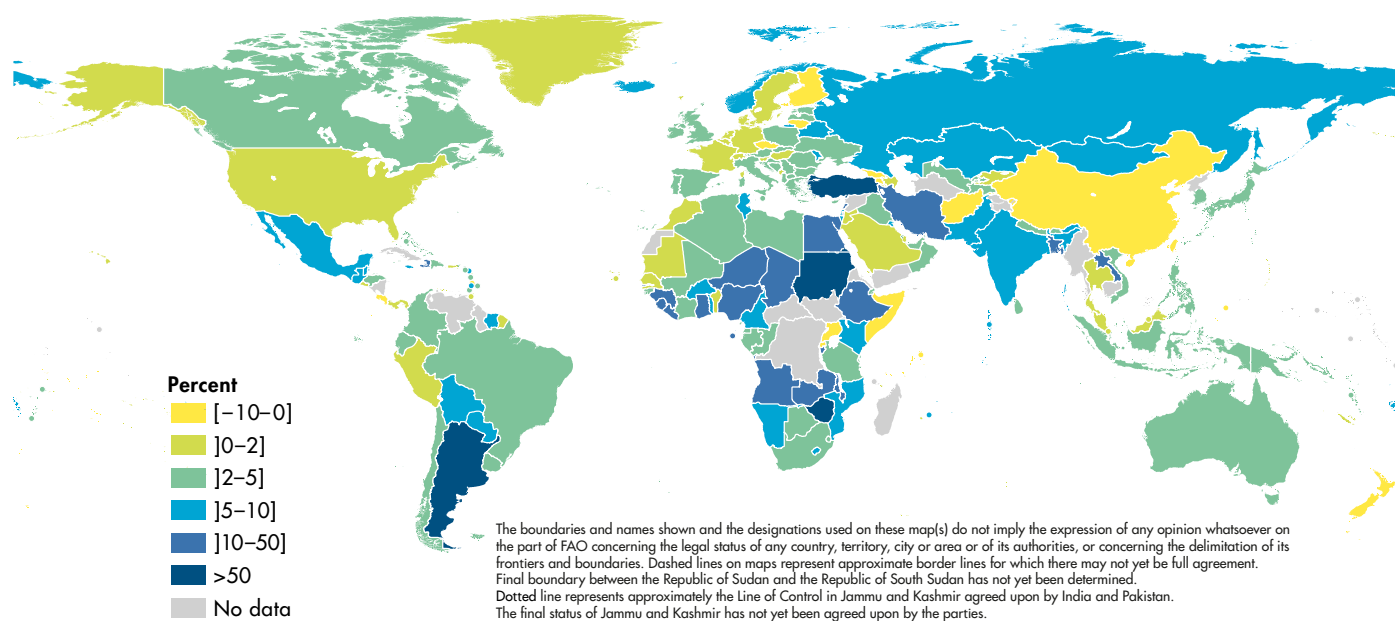


Note: Values for aquatic animal foods exclude trade of aquatic mammals, crocodiles, alligators and caimans, fishmeal, fish oil, ornamental fish, fish for culture and algae.

Sources: FAO. 2024. FAOSTAT: Trade: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/TCL>. Licence: CC-BY-4.0; and FAO. 2025. FishStat: Global aquatic trade - All partners aggregated 1976–2023. [Accessed on 28 October 2025]. In: FishStat]. <https://www.fao.org/fishery/en/statistics/software/fishstatj>. Licence: CC-BY-4.0.

Download: <https://doi.org/10.4060/cd4313en-map23>

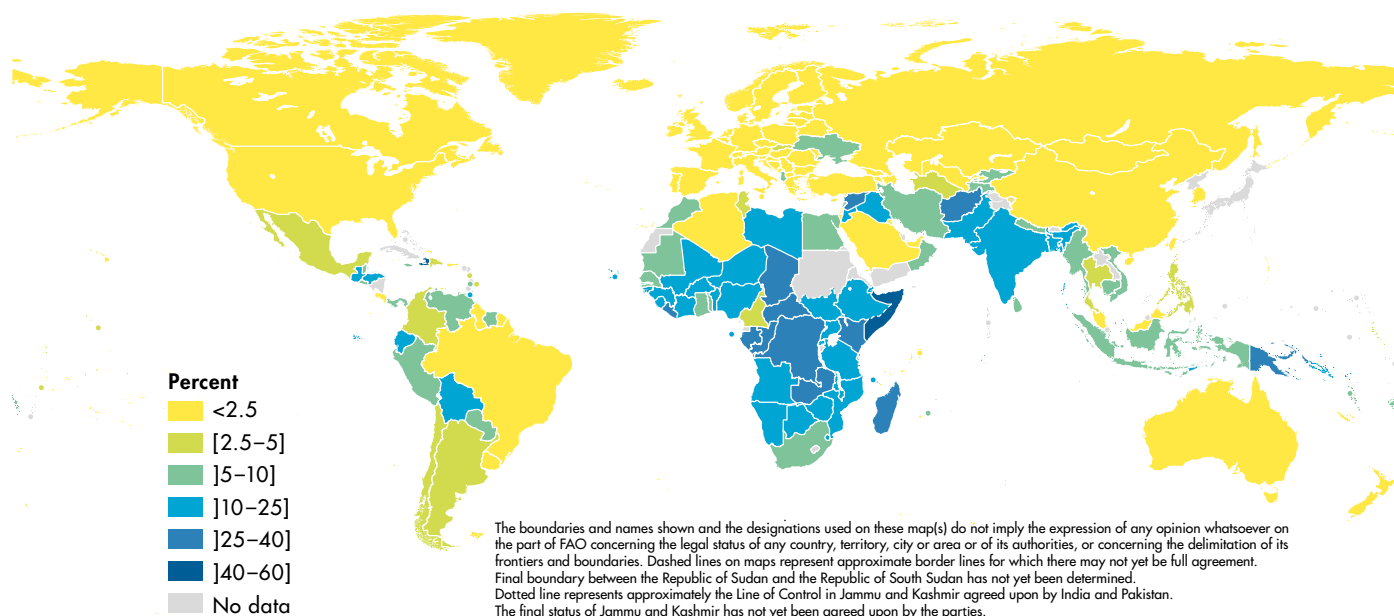
MAP 24.
INFLATION IN FOOD CONSUMER PRICES (2024 AVERAGE)



Source: FAO. 2025. FAOSTAT: Consumer Price Indices. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/CP>. Licence: CC-BY-4.0.

Download: <https://doi.org/10.4060/cd4313en-map24>

MAP 25.
PREVALENCE OF UNDERNOURISHMENT (2022–2024 AVERAGE)

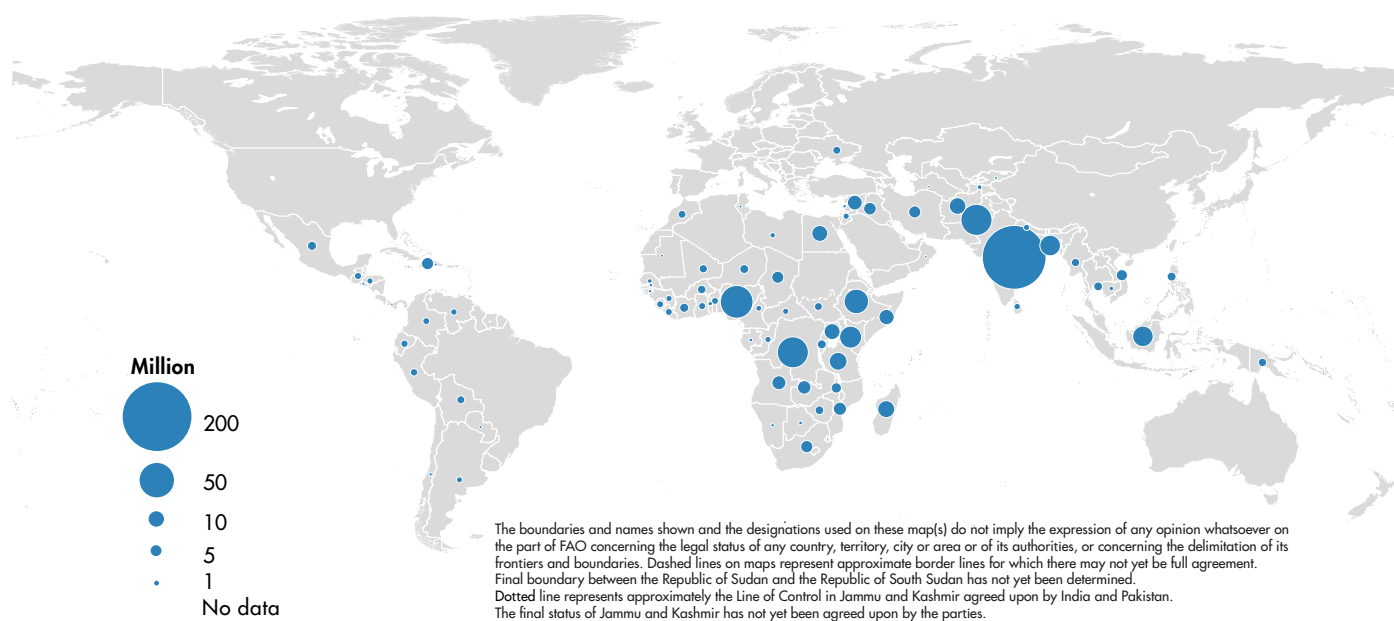


Note: The 2022–2024 average values reflect 2024 projections that are based on nowcasts.

Source: FAO. 2025. FAOSTAT: Suite of Food Security Indicators. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/FS>. Licence: CC-BY4.0.

Download: <https://doi.org/10.4060/cd4313en-map25>

MAP 26.
NUMBER OF UNDERNOURISHED PEOPLE (2022–2024 AVERAGE)

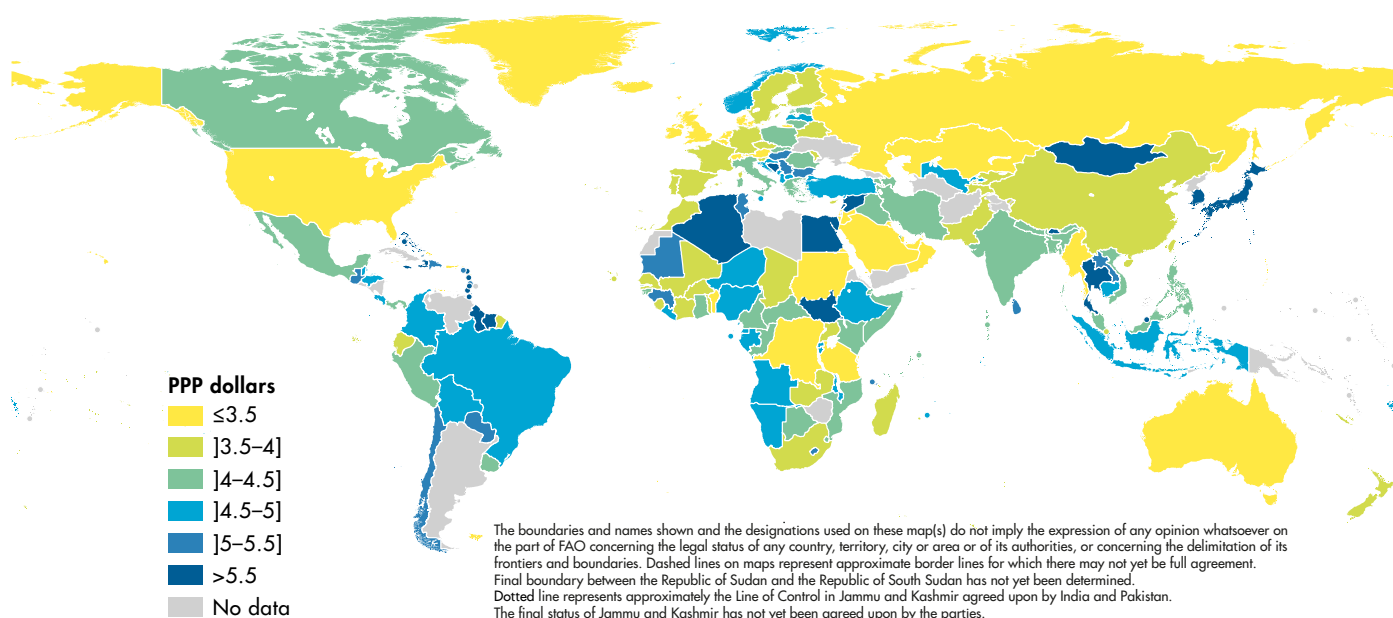


Note: The 2022–2024 average values reflect 2024 projections that are based on nowcasts.

Source: FAO. 2025. FAOSTAT: Suite of Food Security Indicators. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/FS>. Licence: CC-BY4.0.

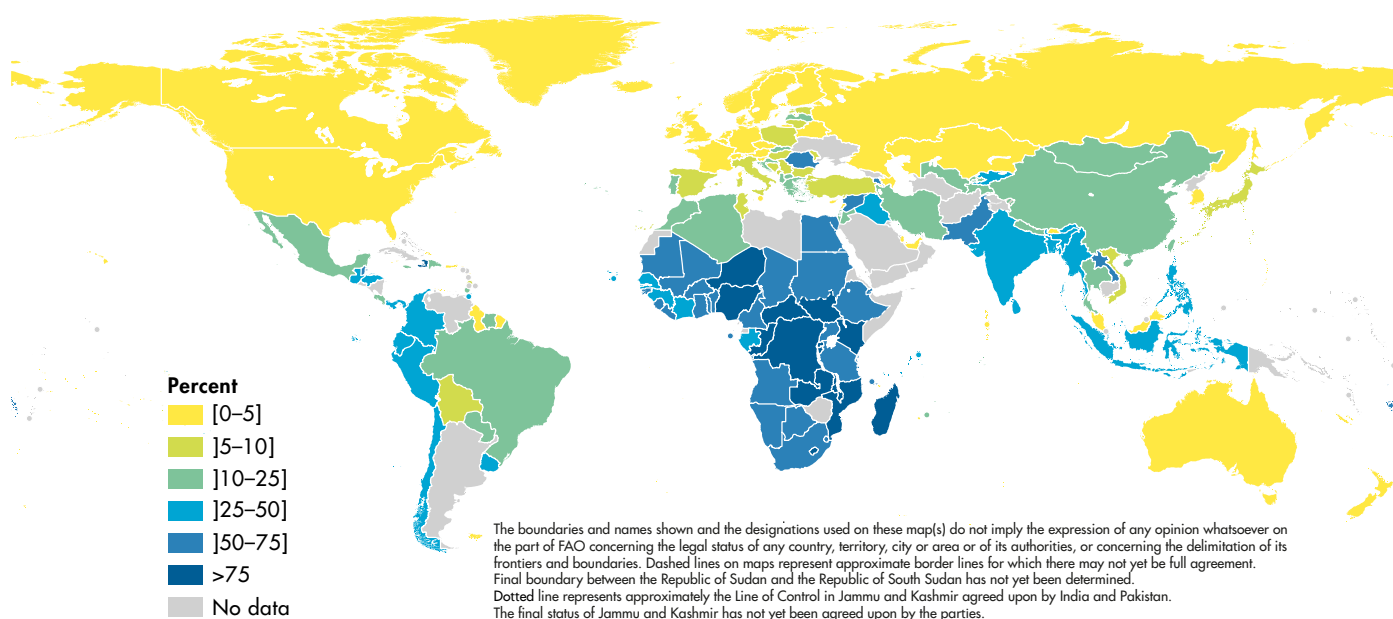
Download: <https://doi.org/10.4060/cd4313en-map26>

MAP 27.
COST OF A HEALTHY DIET (2024)



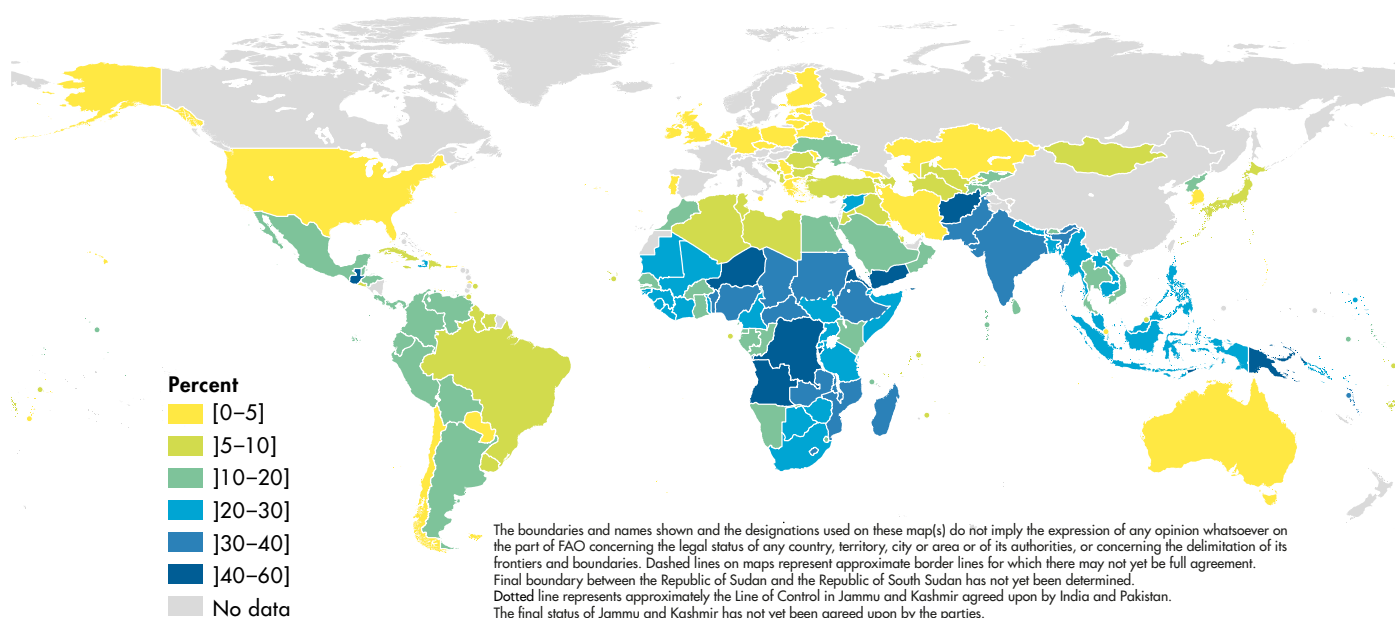
Source: FAO. 2025. FAOSTAT: Cost and Affordability of a Healthy Diet (CoAHD). [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/CAHD>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-map27>

MAP 28.
PROPORTION OF THE POPULATION UNABLE TO AFFORD A HEALTHY DIET (2024)



Source: FAO. 2025. FAOSTAT: Cost and Affordability of a Healthy Diet (CoAHD). [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/CAHD>. Licence: CC-BY-4.0.
Download: <https://doi.org/10.4060/cd4313en-map28>

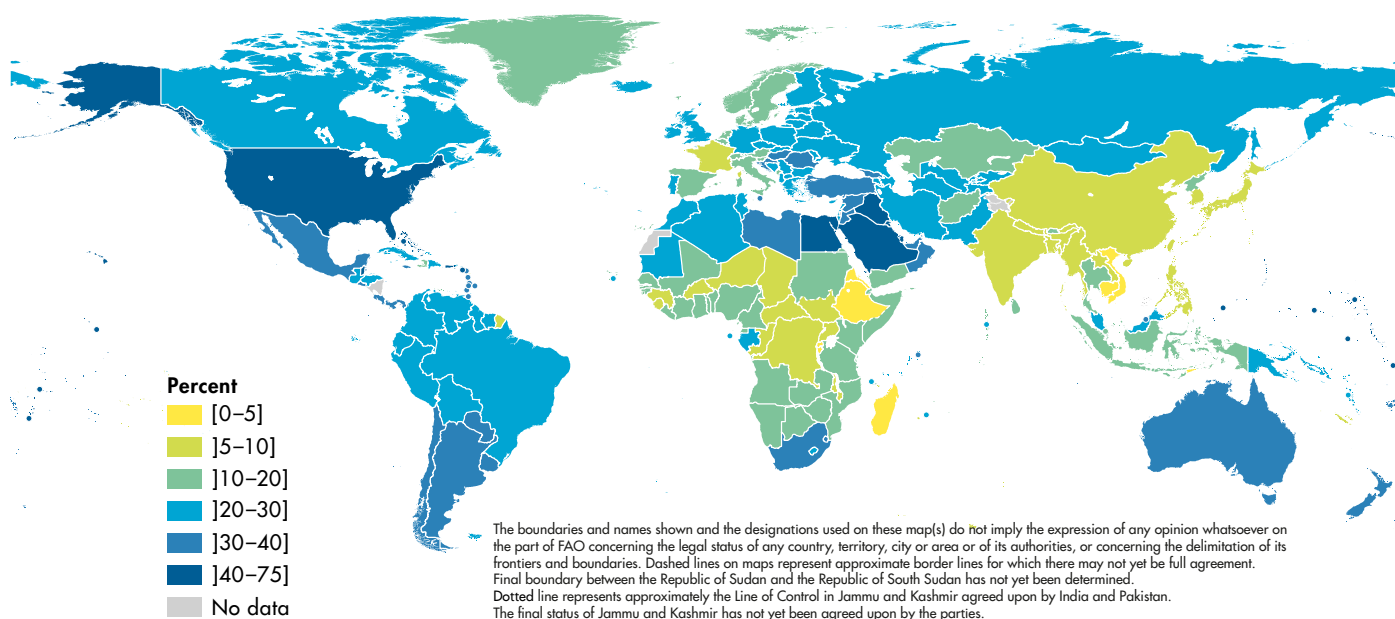
MAP 29.
PREVALENCE OF STUNTING IN CHILDREN UNDER 5 YEARS (2024)



Source: FAO. 2025. FAOSTAT: Suite of Food Security Indicators. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/FS>. Licence: CC-BY4.0.

Download: <https://doi.org/10.4060/cd4313en-map29>

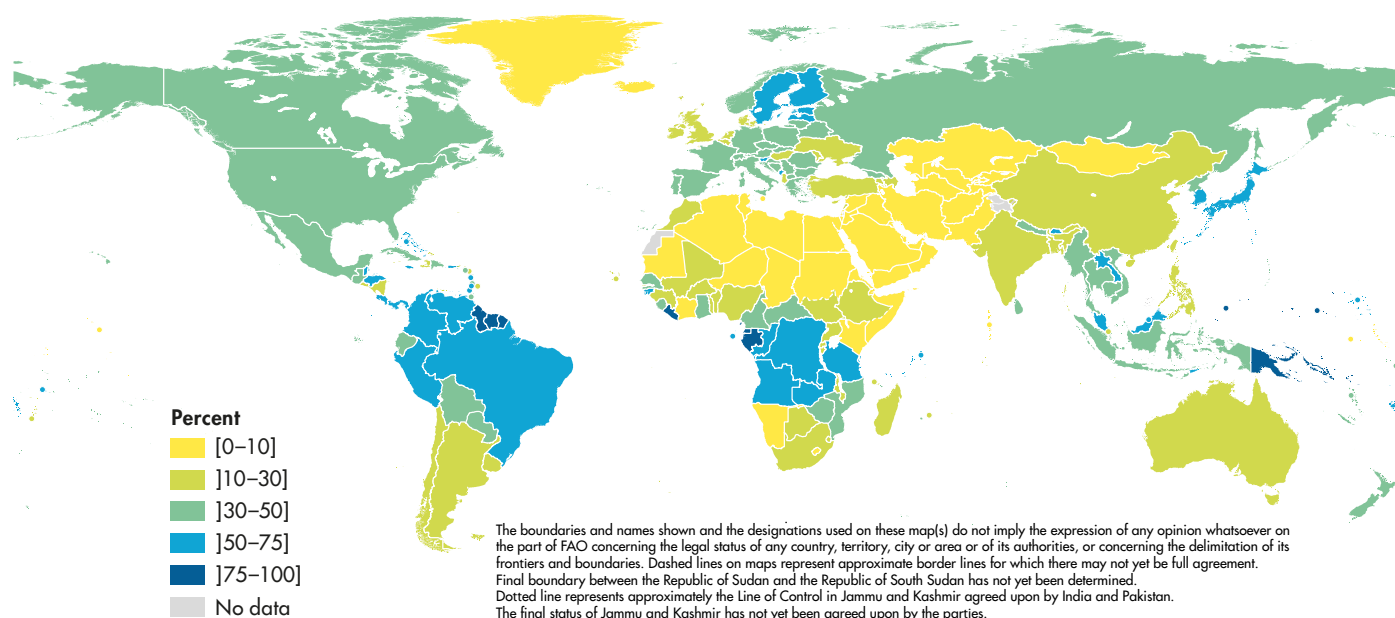
MAP 30.
PREVALENCE OF OBESITY IN THE ADULT POPULATION (2022)



Source: FAO. 2025. FAOSTAT: Suite of Food Security Indicators. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/FS>. Licence: CC-BY4.0.

Download: <https://doi.org/10.4060/cd4313en-map30>

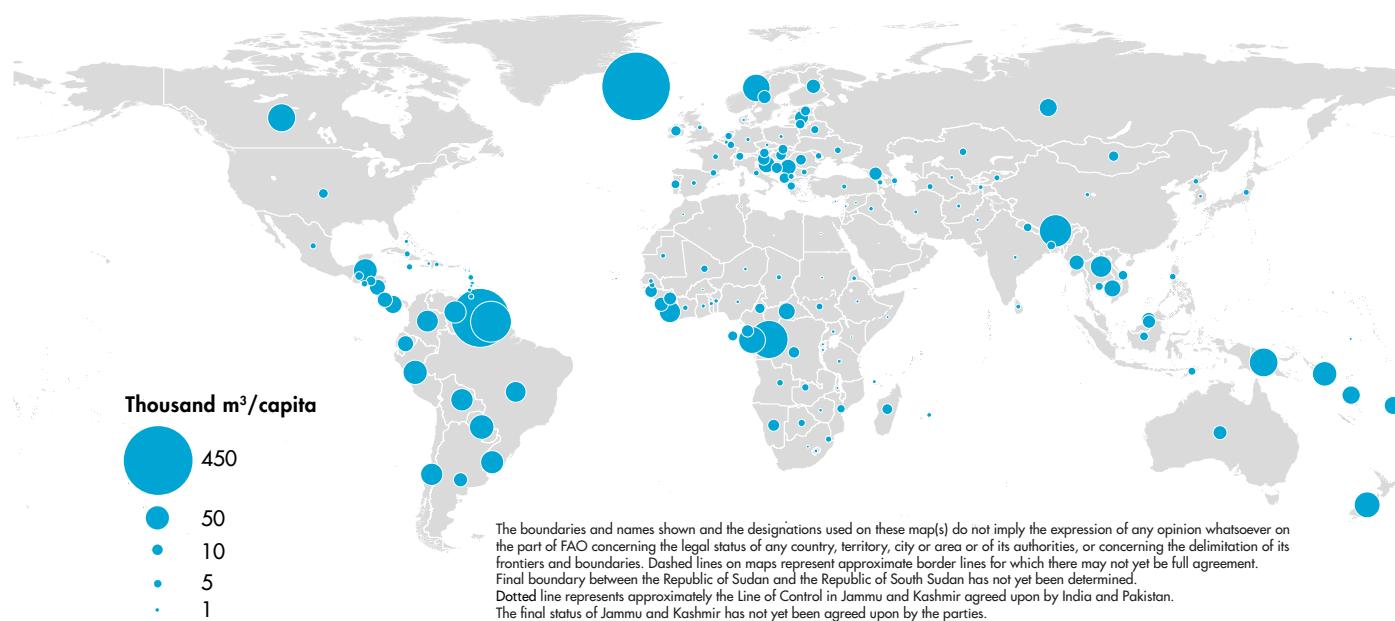
MAP 31.
SHARE OF FOREST AREA IN LAND AREA (2023)



Source: FAO. 2025. FAOSTAT: Land Use. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/RL>. Licence: CC-BY4.0.

Download: <https://doi.org/10.4060/cd4313en-map31>

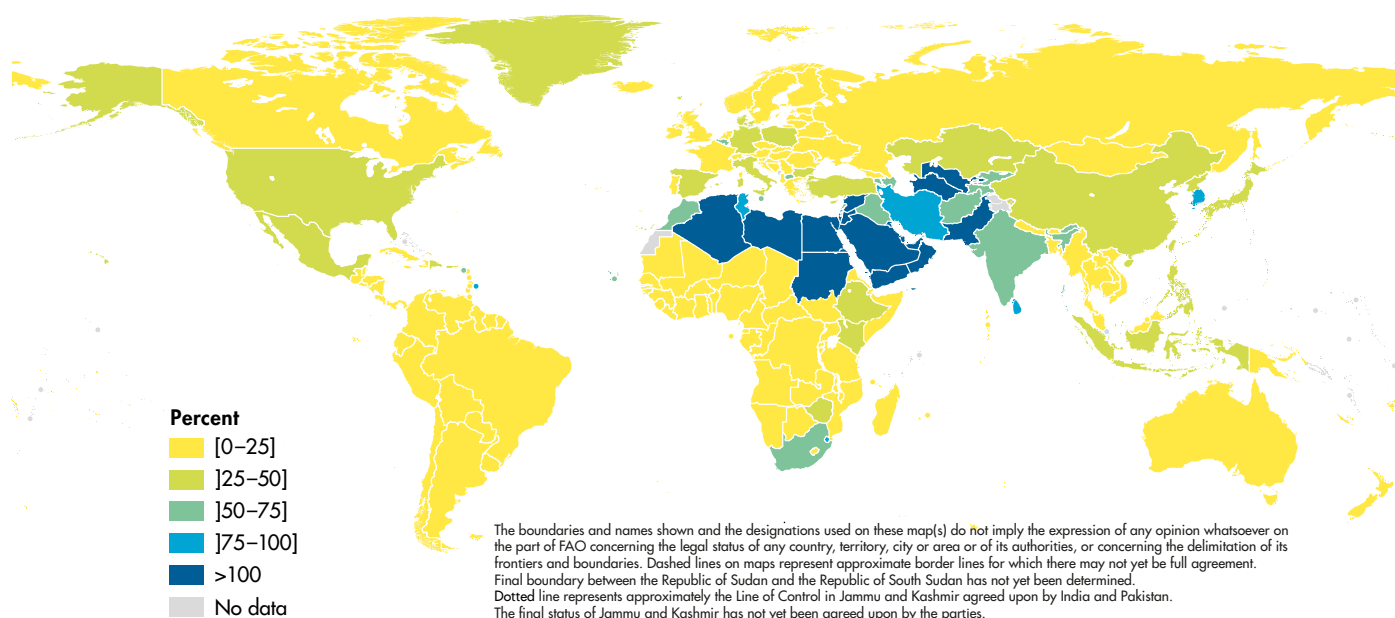
MAP 32.
TOTAL RENEWABLE WATER RESOURCES PER CAPITA (2022)



Source: FAO. 2025. AQUASTAT: AQUASTAT Dissemination System. [Accessed on 28 October 2025]. <https://data.apps.fao.org/aquastat/?lang=en>. Licence: CC-BY4.0.

Download: <https://doi.org/10.4060/cd4313en-map32>

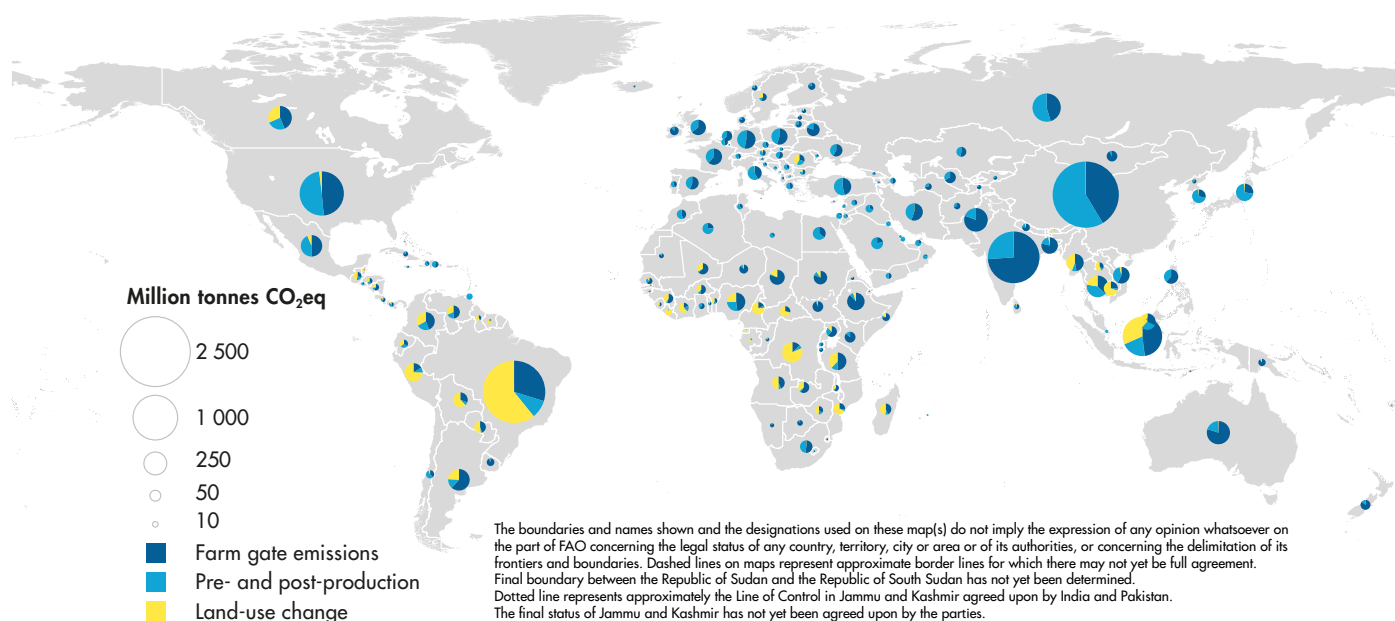
MAP 33.
WATER STRESS (2022)



Source: FAO. 2025. AQUASTAT: AQUASTAT Dissemination System. [Accessed on 28 October 2025]. <https://data.apps.fao.org/aquastat/?lang=en>. Licence: CC-BY4.0.

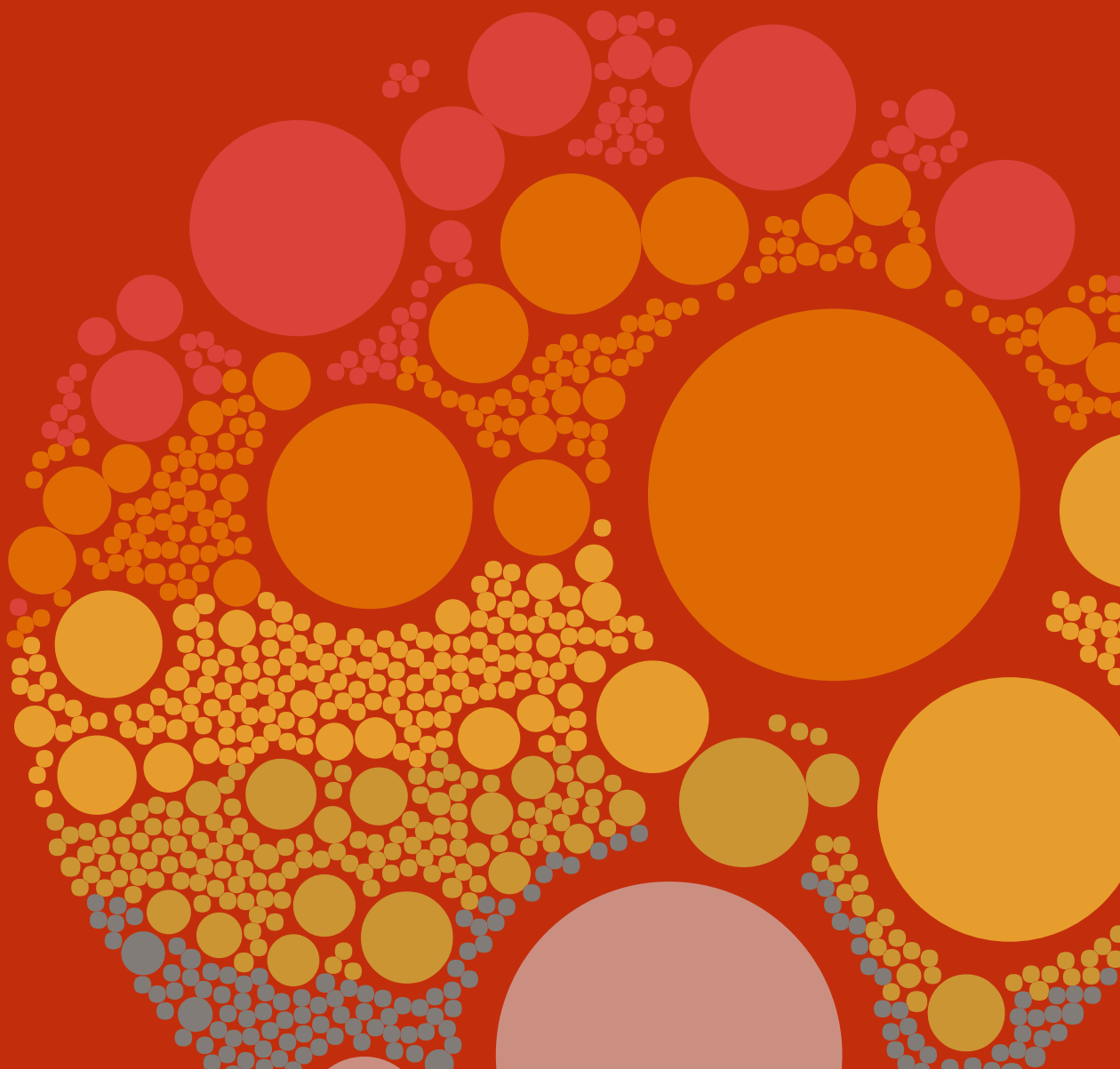
Download: <https://doi.org/10.4060/cd4313en-map33>

MAP 34.
GREENHOUSE GAS EMISSIONS FROM AGRI-FOOD SYSTEMS (2023)



Source: FAO. 2025. FAOSTAT: Emissions totals. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/GT>. Licence: CC-BY4.0.

Download: <https://doi.org/10.4060/cd4313en-map34>



ANNEX 4: DATA TABLES

CHAPTER 1: ECONOMIC DIMENSIONS OF AGRICULTURE

TABLE 1.
VALUE ADDED OF AGRICULTURE, FORESTRY AND FISHING (USD MILLION, 2015 PRICES)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
World	2 031 368.9	2 363 803.7	2 718 249.2	3 167 095.3	3 534 455.8	3 612 618.0	3 764 624.4	3 869 870.4	3 972 279.4
Africa	170 325.9	227 774.9	292 426.7	359 978.9	411 951.7	421 726.8	437 549.0	450 071.9	457 326.7
Americas	320 654.9	383 343.7	405 463.8	462 636.2	483 192.8	485 617.7	496 046.0	498 547.4	511 941.4
Asia	1 219 420.6	1 417 749.6	1 680 129.1	1 976 847.3	2 264 862.5	2 331 679.7	2 445 884.9	2 537 062.1	2 610 634.4
Europe	283 943.1	294 580.7	297 648.3	324 298.2	334 622.4	327 843.8	334 103.2	331 031.3	335 691.4
Oceania	37 024.4	40 354.8	42 581.3	43 334.6	39 826.4	45 750.0	51 041.2	53 157.7	56 685.5
Afghanistan	3 260.0	3 823.5	4 471.1	4 532.8	6 748.9	7 044.2	6 355.2	5 938.0	6 060.4
Albania	1 366.5	1 577.8	1 963.0	2 252.3	2 359.6	2 391.5	2 434.5	2 435.9	2 419.2
Algeria	7 027.5	10 091.5	13 664.6	19 218.2	21 596.2	21 848.5	21 941.3	23 075.1	23 749.5
Andorra	11.6	11.9	13.7	14.3	15.7	15.0	15.4	15.5	15.6
Angola	3 186.7	4 624.6	7 006.4	10 599.8	10 735.6	10 948.1	12 777.9	13 281.4	13 644.6
Antigua and Barbuda	16.5	21.0	17.1	20.8	24.8	25.2	25.3	26.2	27.2
Argentina	23 529.7	29 065.9	31 649.1	33 255.6	34 000.7	31 446.1	32 032.2	31 132.4	23 990.5
Armenia	720.7	1 105.9	1 127.4	1 817.6	1 437.6	1 385.0	1 373.5	1 334.5	1 372.7
Australia	26 045.8	28 436.8	31 429.3	29 961.9	25 775.6	31 394.4	36 775.0	38 476.5	41 253.0
Austria	3 957.4	4 072.5	4 182.9	4 340.6	4 581.2	4 440.6	4 718.4	5 037.6	4 900.8
Azerbaijan	1 738.9	2 434.1	2 668.7	3 278.9	3 931.3	4 007.3	4 141.3	4 281.9	4 408.6
Bahamas	133.9	143.7	131.7	96.5	65.7	76.5	51.7	51.5	65.5
Bahrain	74.2	84.7	86.5	98.2	107.0	107.1	114.9	120.0	123.4
Bangladesh	16 634.9	18 815.3	25 552.3	32 560.0	37 441.4	38 722.3	39 951.5	41 171.7	42 559.7
Barbados	91.8	75.6	111.7	95.3	129.8	150.5	107.3	88.0	96.3
Belarus	2 050.0	2 615.5	3 236.7	3 547.2	3 822.3	4 005.4	3 842.9	3 942.4	3 924.9
Belgium	2 320.9	2 399.5	2 983.5	3 460.7	3 193.3	3 071.5	3 042.6	3 073.5	3 138.4
Belize	146.5	226.3	205.7	210.8	200.5	200.6	238.9	238.6	292.5
Benin	1 601.1	1 983.7	2 457.4	3 005.6	3 976.1	4 045.8	4 256.0	4 461.3	4 687.8
Bhutan	183.8	210.3	228.3	262.4	296.2	308.1	312.5	308.9	313.1
Bolivia (Plurinational State of)	2 125.0	2 526.7	2 755.7	3 379.1	4 221.4	4 353.4	4 432.1	4 598.4	4 721.0
Bosnia and Herzegovina	800.1	975.7	1 035.2	990.4	1 047.5	1 116.9	1 026.7	1 042.6	1 029.3
Botswana	245.3	214.8	299.0	263.5	307.3	299.1	296.0	299.5	303.4
Brazil	44 341.2	56 286.0	66 067.6	77 840.2	85 669.2	89 245.6	89 248.7	88 244.1	102 627.2
Brunei Darussalam	98.4	138.3	123.1	142.6	131.4	150.3	175.7	169.9	154.6
Bulgaria	2 803.3	2 771.4	2 145.4	2 062.1	2 407.2	2 342.9	3 047.0	2 826.8	2 393.6
Burkina Faso	1 641.5	2 045.3	2 352.8	2 679.6	3 007.3	3 022.7	2 792.9	2 945.8	2 979.1
Burundi	1 044.1	1 019.1	962.1	990.6	1 126.0	1 157.5	1 197.0	1 187.4	1 220.2
Cabo Verde	104.1	76.9	91.3	112.1	90.4	101.7	94.5	80.5	76.3
Cambodia	2 613.6	3 422.9	4 472.3	4 868.9	5 053.2	5 083.2	5 161.4	5 192.3	5 228.3
Cameroon	3 404.3	3 833.0	4 509.5	5 543.2	6 283.8	6 370.0	6 555.3	6 777.9	6 925.2
Canada	21 681.0	25 221.3	24 201.6	29 102.6	31 588.7	31 696.0	26 925.2	31 047.8	29 982.1

TABLE 1.
VALUE ADDED OF AGRICULTURE, FORESTRY AND FISHING (USD MILLION, 2015 PRICES) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Central African Republic	810.1	848.2	919.3	534.6	618.3	646.4	797.0	811.3	727.9
Chad	1 126.8	1 734.6	3 247.0	3 870.6	5 986.8	6 220.9	6 606.6	6 738.7	7 075.6
Chile	4 522.2	6 400.7	7 917.7	8 995.2	9 867.5	9 621.4	9 987.9	9 982.3	9 942.7
China, mainland	517 295.5	627 407.2	782 410.3	961 103.3	1 107 716.2	1 144 371.4	1 225 445.3	1 279 229.0	1 332 825.8
Colombia	12 142.3	13 826.4	14 568.3	17 552.1	19 867.0	20 256.5	21 139.5	20 964.1	21 387.6
Comoros	231.8	272.8	229.0	295.6	391.8	443.8	454.2	454.1	500.0
Congo	461.9	540.3	590.4	722.5	836.5	869.2	885.7	912.3	937.8
Costa Rica	2 049.6	2 260.8	2 566.0	2 680.5	3 000.5	2 959.4	3 025.2	2 954.8	3 056.8
Côte d'Ivoire	6 007.6	6 132.3	5 897.4	8 412.6	10 355.9	10 686.3	11 483.6	11 972.4	11 281.5
Croatia	1 915.2	2 062.0	2 037.0	1 496.7	1 676.6	1 709.3	1 866.1	1 890.4	1 927.3
Cuba	3 105.6	2 769.1	2 901.9	3 344.8	3 189.6	2 458.4	2 135.0	2 005.4	1 722.7
Cyprus	605.5	596.6	445.8	371.9	417.6	408.4	388.6	321.7	324.6
Czechia	4 058.6	4 897.9	3 684.0	4 271.8	4 664.5	4 985.9	4 305.0	4 360.1	4 318.5
Democratic People's Republic of Korea	2 723.9	3 399.1	3 148.7	3 524.4	3 549.3	3 279.9	3 483.1	3 408.8	3 441.9
Democratic Republic of the Congo	4 908.4	4 788.2	5 689.0	6 965.7	7 657.0	7 850.9	8 037.0	8 227.3	8 409.4
Denmark	2 923.4	2 779.8	2 929.8	2 740.9	2 765.4	2 834.6	3 090.3	3 190.2	2 990.2
Djibouti	32.7	39.0	38.0	25.7	43.1	48.0	55.9	55.7	59.0
Dominica	75.1	65.5	64.7	76.0	59.4	61.3	75.7	79.8	78.5
Dominican Republic	2 188.1	2 582.5	3 282.8	3 903.2	4 791.6	4 927.5	5 057.5	5 312.3	5 519.0
Ecuador	4 091.9	5 092.8	5 798.0	7 796.7	8 800.4	8 795.5	9 537.2	9 732.9	10 141.8
Egypt	22 042.4	26 527.1	31 315.2	36 204.7	41 066.0	42 421.4	44 416.2	46 181.3	48 089.7
El Salvador	1 529.7	1 341.1	1 465.1	1 296.1	1 389.3	1 328.6	1 371.0	1 354.0	1 360.0
Equatorial Guinea	167.5	167.6	159.7	249.0	227.6	222.9	230.4	252.1	257.6
Eritrea	243.2	379.3	310.6	352.2	403.5	399.4	412.0	422.8	434.3
Estonia	419.1	436.9	541.9	654.2	585.6	512.7	442.0	330.3	328.3
Eswatini	279.3	321.8	310.9	379.7	355.5	328.7	344.0	361.5	363.5
Ethiopia	8 651.4	11 085.3	16 560.8	22 744.3	26 683.3	27 818.4	29 362.2	31 158.7	33 106.2
Fiji	332.4	332.2	311.0	368.6	394.3	406.6	409.8	426.1	446.0
Finland	4 165.1	4 087.4	4 711.0	4 805.3	5 339.0	5 303.5	5 244.7	5 536.5	5 088.2
France	32 044.4	31 866.8	34 149.0	36 725.2	34 980.7	32 527.2	30 965.5	33 204.9	34 819.6
Gabon	420.5	476.1	466.6	620.1	917.1	961.5	1 146.1	1 257.6	1 232.4
Gambia	303.0	333.8	448.3	306.1	302.4	334.5	380.2	408.6	418.4
Georgia	1 124.5	1 364.0	1 064.1	1 300.4	1 331.2	1 420.9	1 454.2	1 428.7	1 388.3
Germany	26 688.3	23 266.6	24 555.3	24 267.3	24 875.6	24 830.9	28 277.5	29 024.9	29 211.1
Ghana	5 490.3	7 041.7	8 770.6	9 872.6	11 823.9	12 685.1	13 757.8	14 330.2	14 968.2
Greece	8 807.1	9 452.2	7 270.0	7 435.5	7 769.7	7 130.1	6 924.2	8 035.0	5 879.5
Grenada	42.9	23.6	35.9	74.1	56.4	48.2	55.8	46.4	39.2
Guatemala	3 956.7	4 597.8	5 149.0	6 198.1	6 834.7	6 828.5	7 118.3	7 318.1	7 478.8
Guinea	859.0	1 025.6	1 232.8	1 625.0	2 476.3	2 478.4	2 702.0	2 864.2	3 029.8
Guinea-Bissau	348.0	410.6	448.7	490.4	530.1	547.1	576.6	611.8	657.7
Guyana	282.8	699.6	883.6	1 088.9	1 157.1	1 205.1	1 095.8	1 224.0	1 309.3
Haiti	2 225.5	2 450.8	2 645.9	2 448.7	2 569.2	2 430.3	2 329.9	2 224.0	2 099.9

TABLE 1.
VALUE ADDED OF AGRICULTURE, FORESTRY AND FISHING (USD MILLION, 2015 PRICES) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Honduras	1 507.6	1 725.1	1 992.2	2 562.9	3 012.1	2 851.0	2 806.6	2 815.5	2 926.7
Hungary	3 734.2	5 023.9	3 929.0	4 710.9	5 157.9	4 726.8	4 800.8	3 527.9	4 828.7
Iceland	920.7	953.4	838.2	926.8	1 099.6	1 003.5	1 108.5	1 183.4	1 161.6
India	228 142.8	259 599.1	303 288.4	347 227.6	428 479.3	445 642.9	466 245.6	488 191.2	495 223.4
Indonesia	67 446.1	78 970.6	94 801.8	116 152.0	134 292.3	136 671.9	139 229.3	142 368.7	144 226.2
Iran (Islamic Republic of)	27 222.9	35 330.2	33 313.6	42 103.2	48 698.8	50 240.2	48 926.4	49 480.8	49 975.6
Iraq	8 528.6	11 038.7	8 427.0	6 991.0	11 779.6	14 424.7	11 459.3	7 647.1	9 854.4
Ireland	2 415.9	2 048.5	2 006.0	2 624.3	3 495.0	3 510.9	3 619.7	4 035.5	4 633.4
Israel	3 529.5	4 571.6	4 735.1	4 311.0	4 567.0	4 391.2	4 744.0	4 870.3	4 579.5
Italy	38 103.4	35 993.9	36 586.5	36 752.2	35 468.7	33 989.5	33 895.9	34 799.1	33 572.0
Jamaica	788.1	681.1	803.3	895.1	1 019.0	1 004.3	1 087.6	1 186.0	1 117.9
Japan	66 223.0	52 225.6	51 546.5	45 965.9	41 456.8	39 928.4	42 422.6	47 041.6	47 989.5
Jordan	695.3	1 101.4	1 651.9	1 694.8	1 860.6	1 882.8	2 007.0	2 073.2	2 193.1
Kazakhstan	5 140.0	6 792.9	7 359.2	8 685.7	10 135.5	10 728.5	10 490.2	11 442.7	10 541.4
Kenya	8 442.2	9 953.0	11 821.2	13 652.2	14 835.1	15 520.9	15 466.1	15 239.4	16 224.3
Kiribati	39.3	34.0	36.1	43.9	59.4	59.4	60.2	57.0	58.3
Kuwait	193.4	283.1	550.2	616.2	604.5	578.8	731.3	761.1	798.8
Kyrgyzstan	679.5	773.8	838.6	904.5	975.5	983.9	939.2	1 007.8	1 014.0
Lao People's Democratic Republic	1 559.9	1 761.5	2 157.6	2 537.3	2 749.3	2 781.1	2 849.3	2 944.8	3 054.9
Latvia	610.7	781.6	792.3	936.4	1 062.2	1 059.9	1 063.7	913.9	840.3
Lebanon	1 493.0	1 472.2	1 547.2	1 640.0	1 945.6	2 175.6	2 380.1	2 361.6	2 448.9
Lesotho	105.6	87.5	91.7	89.2	94.1	108.3	119.7	122.9	132.4
Liberia	838.9	576.8	1 113.4	640.1	574.8	589.5	597.0	637.0	646.0
Libya	1 404.5	1 627.4	1 527.9	2 136.9	1 711.0	808.6	1 037.5	928.7	1 010.7
Lithuania	1 121.0	1 151.8	1 122.4	1 427.6	1 357.5	1 601.5	1 466.9	1 442.2	1 403.1
Luxembourg	233.8	140.3	154.5	134.4	129.6	119.0	127.6	129.3	131.2
Madagascar	2 439.7	2 680.7	2 950.7	2 914.9	3 181.1	3 137.5	3 058.2	3 119.0	3 283.9
Malawi	1 284.9	1 221.6	1 567.9	2 034.9	2 383.9	2 464.6	2 557.1	2 579.9	2 652.7
Malaysia	16 430.4	19 211.7	21 928.5	24 974.8	26 007.7	25 376.8	25 348.9	25 367.6	25 551.4
Maldives	200.6	297.0	215.8	228.5	242.2	258.0	256.0	271.8	280.5
Mali	1 149.8	1 569.2	2 869.4	4 879.1	6 362.6	6 198.2	6 324.4	6 777.4	7 469.1
Malta	109.4	137.5	110.0	106.7	65.0	100.9	144.5	128.6	244.1
Marshall Islands	13.6	13.6	18.7	22.9	45.5	44.3	48.2	55.3	64.6
Mauritania	1 004.9	1 010.2	1 145.4	1 272.2	1 589.8	1 580.2	1 534.5	1 668.7	1 651.6
Mauritius	279.9	270.8	337.5	368.9	392.8	385.3	413.3	436.2	495.6
Mexico	28 086.2	30 097.0	33 418.9	37 432.4	40 882.8	41 340.6	42 300.9	42 963.2	42 343.5
Micronesia (Federated States of)	70.0	68.4	69.7	82.9	80.8	75.1	74.3	69.1	69.7
Mongolia	806.0	786.0	867.0	1 636.0	1 927.3	2 039.6	1 926.8	2 158.2	1 966.1
Montenegro	235.2	275.5	285.8	326.9	332.5	336.3	334.7	324.8	323.9
Morocco	5 198.1	7 276.9	9 829.6	13 024.6	14 303.4	13 754.4	16 117.6	14 854.0	14 628.4
Mozambique	1 603.9	2 335.5	3 309.7	3 819.9	4 359.0	4 528.2	4 682.2	4 942.1	5 130.4
Myanmar	6 804.6	10 897.2	15 052.6	16 744.0	14 047.6	14 234.9	17 991.3	18 439.7	17 915.5
Namibia	787.5	1 067.7	907.5	753.8	798.6	848.8	862.0	876.4	846.4

TABLE 1.
VALUE ADDED OF AGRICULTURE, FORESTRY AND FISHING (USD MILLION, 2015 PRICES) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Nauru	2.7	2.7	1.7	2.5	2.5	2.5	2.7	2.8	2.8
Nepal	3 805.1	4 645.7	5 321.9	6 276.2	7 116.5	7 289.5	7 497.2	7 673.5	7 885.4
Netherlands (Kingdom of the)	11 190.3	11 693.3	12 768.5	14 009.8	14 922.4	15 170.9	15 545.2	15 425.1	15 159.4
New Zealand	6 737.7	7 488.9	6 375.1	7 961.8	7 978.5	8 178.1	7 997.1	8 239.4	8 805.9
Nicaragua	1 418.2	1 637.6	1 965.3	2 055.1	2 470.5	2 472.1	2 626.5	2 667.7	2 610.9
Niger	1 374.5	1 830.1	2 560.7	3 139.2	4 327.9	4 662.8	4 425.0	5 981.9	6 173.8
Nigeria	30 966.4	60 877.7	83 470.4	102 042.0	114 876.4	117 368.6	119 864.6	122 120.7	123 498.5
North Macedonia	863.6	906.5	1 004.1	979.0	925.0	948.0	865.4	822.4	790.8
Norway	3 586.9	4 248.3	5 466.2	5 751.9	5 632.1	6 017.9	6 457.7	6 702.0	6 295.4
Oman	678.0	687.6	862.2	1 361.4	1 982.6	2 266.0	2 482.2	2 270.3	2 426.9
Pakistan	47 492.5	54 786.8	60 412.1	68 872.0	74 113.4	77 014.7	79 723.0	83 137.5	85 009.5
Palau	10.3	9.3	10.6	8.8	9.2	8.2	7.9	7.9	8.0
Panama	1 272.4	1 590.3	1 429.7	1 610.5	1 827.2	1 861.4	1 949.5	2 050.5	2 054.9
Papua New Guinea	2 842.9	3 057.2	3 368.0	3 792.2	4 260.6	4 340.1	4 387.0	4 523.3	4 622.3
Paraguay	1 422.0	1 853.8	3 038.5	3 418.5	3 637.5	3 908.2	3 428.4	3 130.2	3 394.3
Peru	8 495.2	9 397.8	11 519.4	13 372.8	15 588.7	15 739.8	16 575.7	17 081.3	16 412.3
Philippines	21 236.9	25 968.6	29 935.1	33 698.3	35 604.7	35 535.5	35 432.1	35 602.3	36 024.8
Poland	9 712.7	11 670.5	12 843.3	11 922.8	10 875.3	12 512.2	11 111.5	11 222.0	12 829.9
Portugal	4 002.3	3 963.2	3 921.7	3 931.8	4 133.5	4 082.3	4 278.9	3 943.8	4 115.2
Qatar	96.1	95.4	166.0	260.9	463.1	484.2	486.4	523.8	551.9
Republic of Korea	23 733.2	23 482.9	27 163.3	29 223.2	28 227.7	26 340.6	27 246.3	27 463.5	26 738.7
Republic of Moldova	814.1	999.6	862.5	999.8	1 183.4	835.6	1 255.5	960.9	912.8
Romania	6 959.2	8 707.5	6 853.8	7 873.1	10 023.7	8 491.2	9 821.4	8 438.3	9 252.0
Russian Federation	41 271.0	46 759.2	46 040.9	52 809.1	57 373.0	57 503.3	57 028.7	60 821.3	62 158.9
Rwanda	937.1	1 252.7	1 589.3	2 049.0	2 484.5	2 505.4	2 666.0	2 706.7	2 751.8
Saint Kitts and Nevis	6.0	10.2	8.1	8.1	8.1	8.2	9.0	8.1	10.3
Saint Lucia	57.9	34.4	34.8	38.9	45.8	39.8	43.4	45.3	37.6
Saint Vincent and the Grenadines	52.8	48.8	48.5	49.2	56.5	57.4	40.4	37.7	36.5
Samoa	104.3	87.7	72.3	69.8	71.9	67.7	67.6	63.8	65.4
San Marino	0.6	0.5	0.4	0.3	0.2	0.2	0.3	0.2	0.2
Sao Tome and Principe	24.8	27.5	33.9	38.0	38.3	37.8	37.8	37.6	37.3
Saudi Arabia	11 989.2	12 802.2	14 886.1	18 564.3	21 282.5	20 940.7	21 396.8	22 257.4	23 177.2
Senegal	1 824.3	1 951.4	2 392.9	2 538.7	3 362.9	3 774.7	3 806.8	3 819.9	4 115.4
Serbia	2 140.5	2 514.8	2 521.6	2 662.4	2 869.9	2 936.6	2 776.0	2 546.4	2 753.7
Seychelles	32.9	31.3	24.4	29.4	42.5	36.8	43.4	52.5	55.0
Sierra Leone	784.2	1 523.2	2 100.0	2 568.8	2 775.8	2 849.4	2 912.9	2 999.0	3 071.7
Singapore	119.9	84.8	86.7	100.4	113.5	108.7	121.0	111.7	114.6
Slovakia	531.2	810.3	1 181.0	1 824.6	1 793.9	1 966.1	2 007.4	1 723.0	2 085.2
Slovenia	794.0	832.9	774.7	842.9	869.5	931.3	797.7	799.8	768.9
Solomon Islands	224.7	305.2	397.0	434.5	467.5	449.7	457.2	443.4	439.2
Somalia	1 138.4	1 611.9	2 259.7	3 505.5	4 741.6	4 610.7	4 770.2	4 900.4	5 106.9
South Africa	5 460.9	5 871.4	6 676.3	7 740.4	8 212.7	9 678.1	10 398.4	10 490.2	9 213.3
South Sudan			405.9	289.9	270.4	424.1	223.5	105.7	185.6

TABLE 1.
VALUE ADDED OF AGRICULTURE, FORESTRY AND FISHING (USD MILLION, 2015 PRICES) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Spain	29 310.9	26 364.7	29 162.3	32 847.1	33 562.7	32 898.4	35 215.8	28 078.5	29 889.5
Sri Lanka	3 770.5	3 827.2	5 498.1	6 996.0	6 989.6	6 926.7	6 996.7	6 704.4	6 876.7
Sudan			22 242.5	26 818.1	29 783.5	29 038.9	28 864.7	29 153.3	26 850.2
Suriname	272.1	289.8	421.2	533.5	371.1	332.9	307.8	302.9	274.0
Sweden	4 558.6	5 363.7	5 092.2	6 536.6	6 619.1	6 293.7	6 070.4	5 967.6	5 340.5
Switzerland	4 610.6	4 232.2	4 362.4	4 348.3	4 438.4	4 391.2	4 079.7	4 530.7	4 444.9
Syrian Arab Republic	13 393.4	15 887.1	14 387.2	6 686.3	6 324.3	6 344.0	5 670.0	5 323.8	5 179.6
Tajikistan	559.4	902.8	1 288.8	1 730.2	2 247.0	2 424.3	2 416.3	2 307.7	2 383.6
Thailand	28 094.7	32 079.0	34 725.2	35 605.9	38 756.1	37 531.8	38 374.6	39 328.8	40 089.4
Timor-Leste	239.1	267.2	318.3	283.5	286.2	287.8	303.6	320.0	327.2
Togo	935.5	937.2	939.1	1 089.0	1 463.9	1 450.6	1 498.3	1 574.7	1 640.2
Tonga	68.4	62.7	55.6	68.0	70.7	72.9	72.2	74.3	86.4
Trinidad and Tobago	516.2	386.0	177.8	247.5	141.2	184.8	155.4	134.9	127.1
Tunisia	2 887.9	3 124.3	3 352.6	4 214.4	4 624.6	4 635.7	4 519.8	4 566.0	4 062.9
Türkiye	40 899.5	44 744.7	49 936.8	59 364.3	63 924.2	67 637.3	65 580.8	66 414.2	66 526.7
Turkmenistan	2 898.3	3 001.0	3 202.7	3 355.2	4 640.3	5 223.5	5 699.9	5 950.9	6 341.0
Tuvalu	6.2	6.1	7.9	4.8	4.2	4.0	4.1	4.0	4.0
Uganda	4 593.1	5 536.7	6 058.4	6 600.5	7 905.6	8 301.8	8 433.5	8 922.7	9 215.9
Ukraine	6 834.6	8 176.3	8 664.5	10 977.8	12 432.4	11 102.4	12 782.0	9 564.9	10 296.0
United Arab Emirates	3 769.2	3 466.8	2 462.3	2 679.6	3 355.7	3 252.4	4 138.0	3 900.2	3 936.4
United Kingdom of Great Britain and Northern Ireland	14 681.0	16 987.9	14 441.2	18 480.0	18 164.7	17 571.9	17 696.2	18 521.1	18 557.7
United Republic of Tanzania	6 844.9	8 608.2	10 480.6	12 932.8	15 778.9	16 539.6	17 204.5	17 779.4	18 520.7
United States of America	130 103.8	159 160.0	155 507.7	180 980.2	183 327.1	185 901.4	197 377.4	197 324.2	204 783.6
Uruguay	2 550.9	2 928.9	2 879.7	3 893.8	4 036.5	3 707.0	4 152.7	3 750.6	4 103.6
Uzbekistan	10 187.5	13 769.6	18 546.1	25 187.2	27 879.8	28 675.5	29 809.5	30 884.9	32 139.4
Vanuatu	131.9	144.9	150.2	164.1	185.7	180.7	185.5	188.2	191.4
Venezuela (Bolivarian Republic of)	14 651.3	16 781.9	18 345.3	14 748.2	8 024.3	6 876.0	5 900.6	5 084.4	4 365.0
Viet Nam	20 079.1	24 229.6	29 773.8	34 632.0	38 823.4	40 003.4	41 487.9	42 929.8	44 575.5
Yemen	3 273.0	4 070.4	5 856.6	4 451.0	3 509.7	3 566.8	3 531.5	3 522.5	3 526.8
Zambia	1 302.4	1 213.0	1 059.2	1 058.2	1 023.0	1 199.0	1 282.1	1 140.6	959.7
Zimbabwe	2 073.7	1 453.0	1 331.3	1 653.8	1 855.0	1 932.0	2 269.6	2 409.3	2 561.4

Source: FAO. 2025. FAOSTAT: Macro Indicators. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/MK>. Licence: CC-BY-4.0.

TABLE 2.
SHARE OF AGRICULTURE, FORESTRY AND FISHING VALUE ADDED IN TOTAL GDP (USD 2015 PRICES) (PERCENT)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
World	4.2	4.2	4.2	4.2	4.2	4.4	4.3	4.3	4.3
Africa	14.4	14.8	14.6	14.9	15.2	16.0	15.8	15.7	15.5
Americas	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7
Asia	10.2	9.2	8.2	7.5	7.1	7.4	7.3	7.3	7.2
Europe	1.8	1.7	1.6	1.7	1.6	1.7	1.6	1.5	1.5
Oceania	3.9	3.6	3.3	3.0	2.5	2.8	3.0	3.0	3.2
Afghanistan	61.1	38.7	29.9	24.2	30.6	32.6	37.1	37.0	36.8
Albania	22.6	19.6	18.8	19.8	18.2	19.1	17.8	17.0	16.3
Algeria	7.3	8.1	9.7	11.6	11.7	11.9	11.1	11.2	11.1
Andorra	0.5	0.4	0.5	0.5	0.5	0.6	0.5	0.5	0.5
Angola	7.9	7.4	7.5	9.1	9.7	10.5	12.1	12.2	12.4
Antigua and Barbuda	1.6	1.7	1.3	1.4	1.5	1.8	1.7	1.6	1.6
Argentina	5.5	6.2	5.3	5.2	5.5	5.6	5.2	4.8	3.8
Armenia	18.5	15.7	13.2	17.2	11.2	11.6	10.9	9.4	8.9
Australia	3.3	3.0	2.9	2.4	1.9	2.3	2.6	2.6	2.8
Austria	1.3	1.2	1.2	1.1	1.1	1.1	1.2	1.2	1.2
Azerbaijan	14.8	11.0	5.7	6.2	7.3	7.8	7.6	7.6	7.7
Bahamas	1.3	1.3	1.2	0.8	0.5	0.8	0.5	0.4	0.5
Bahrain	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Bangladesh	20.3	17.6	16.6	14.2	12.2	12.2	11.7	11.3	11.0
Barbados	2.1	1.6	2.1	1.8	2.4	3.3	2.4	1.6	1.7
Belarus	7.9	7.0	6.1	6.3	6.5	6.8	6.4	6.9	6.6
Belgium	0.6	0.6	0.7	0.8	0.6	0.7	0.6	0.6	0.6
Belize	11.0	13.1	10.8	9.5	8.8	10.2	10.3	9.5	11.5
Benin	25.7	26.3	27.0	26.4	28.0	27.5	27.0	26.6	26.3
Bhutan	24.6	19.6	13.7	12.0	11.2	12.9	12.6	11.8	11.4
Bolivia (Plurinational State of)	12.3	12.5	10.9	10.2	11.1	12.5	12.0	12.0	12.0
Bosnia and Herzegovina	7.5	7.4	6.8	6.0	5.6	6.2	5.3	5.1	5.0
Botswana	2.8	2.1	2.6	1.9	1.9	2.0	1.8	1.7	1.7
Brazil	3.7	4.1	3.9	4.3	4.7	5.1	4.8	4.6	5.2
Brunei Darussalam	0.9	1.1	0.9	1.1	1.0	1.1	1.3	1.3	1.2
Bulgaria	9.2	6.9	4.5	4.1	4.2	4.2	5.1	4.6	3.8
Burkina Faso	32.1	29.4	25.9	22.6	20.0	19.7	17.0	17.7	17.4
Burundi	60.8	53.5	40.5	35.2	34.0	34.8	34.9	34.0	34.0
Cabo Verde	11.6	6.2	5.6	6.4	4.3	6.1	5.3	3.8	3.4
Cambodia	35.2	29.6	26.8	20.3	15.4	16.0	15.8	15.1	14.5
Cameroon	19.8	17.7	17.8	17.2	16.8	16.9	16.9	16.8	16.6
Canada	1.9	1.9	1.7	1.9	1.9	2.0	1.6	1.8	1.7
Central African Republic	40.9	43.7	39.4	31.5	31.1	32.2	39.4	39.9	35.5
Chad	35.5	27.4	31.4	26.9	38.6	40.9	43.9	43.2	43.2
Chile	3.4	3.9	4.0	3.7	3.8	3.9	3.7	3.6	3.6
China, mainland	18.7	14.2	10.4	8.7	7.7	7.8	7.7	7.8	7.8
Colombia	7.7	7.4	6.2	6.0	6.2	6.8	6.4	5.9	6.0
Comoros	34.9	36.7	30.8	30.6	34.7	37.7	37.6	36.5	35.7

TABLE 2.
SHARE OF AGRICULTURE, FORESTRY AND FISHING VALUE ADDED IN TOTAL GDP (USD 2015 PRICES) (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Congo	6.1	6.8	5.7	5.8	8.0	8.9	8.8	8.9	9.0
Costa Rica	6.7	6.1	5.5	4.7	4.7	4.8	4.5	4.2	4.2
Côte d'Ivoire	27.6	28.2	23.0	18.4	17.5	18.0	18.1	17.7	15.7
Croatia	4.9	4.2	4.0	3.0	2.9	3.3	3.2	3.0	2.9
Cuba	6.8	4.7	3.8	3.8	3.5	3.0	2.6	2.4	2.1
Cyprus	3.9	3.2	2.1	1.9	1.7	1.7	1.4	1.1	1.1
Czechia	3.2	3.2	2.1	2.3	2.1	2.4	2.0	2.0	2.0
Democratic People's Republic of Korea	19.4	21.4	19.9	21.6	22.6	21.9	23.2	22.8	22.3
Democratic Republic of the Congo	29.7	24.0	21.8	18.4	17.2	17.3	16.7	15.8	14.8
Denmark	1.1	1.0	1.0	0.9	0.8	0.9	0.9	0.9	0.8
Djibouti	4.2	4.2	2.6	1.1	1.4	1.6	1.7	1.7	1.7
Dominica	17.6	14.3	11.9	14.1	10.5	12.9	15.0	14.9	14.2
Dominican Republic	6.3	6.3	5.9	5.5	5.4	5.9	5.4	5.4	5.5
Ecuador	8.2	8.0	7.7	8.0	8.5	9.4	9.2	8.9	9.0
Egypt	12.7	12.9	11.3	11.4	10.7	10.7	10.8	10.5	10.6
El Salvador	8.7	7.1	7.1	5.5	5.4	5.6	5.2	5.0	4.8
Equatorial Guinea	5.2	1.7	1.2	1.9	2.3	2.3	2.4	2.5	2.7
Eritrea	14.0	22.6	18.4	17.5	17.7	17.6	17.6	17.6	17.6
Estonia	3.0	2.2	2.8	2.8	2.1	1.9	1.6	1.2	1.2
Eswatini	11.3	10.8	8.8	9.4	8.1	7.6	7.7	8.1	7.7
Ethiopia	52.0	48.7	43.4	36.1	31.0	30.5	30.5	30.7	30.6
Fiji	10.0	8.8	8.0	7.9	7.6	9.4	10.0	8.6	8.4
Finland	2.1	1.8	2.0	2.1	2.1	2.1	2.1	2.1	2.0
France	1.6	1.4	1.5	1.5	1.3	1.3	1.2	1.3	1.3
Gabon	4.2	4.5	4.2	4.3	5.9	6.3	7.4	7.9	7.6
Gambia	32.0	30.4	33.2	22.2	18.0	19.8	21.4	21.8	21.3
Georgia	17.7	15.1	9.1	8.5	7.2	8.2	7.6	6.7	6.1
Germany	0.9	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8
Ghana	27.3	27.2	25.1	20.0	18.9	20.2	20.9	20.9	21.2
Greece	4.5	3.9	3.0	3.8	3.8	3.8	3.4	3.7	2.7
Grenada	6.0	2.6	4.2	7.4	5.0	4.9	5.4	4.2	3.4
Guatemala	10.7	10.7	10.0	10.0	9.7	9.8	9.5	9.3	9.2
Guinea	16.3	16.8	17.5	18.5	20.5	19.6	20.2	20.6	20.7
Guinea-Bissau	49.8	54.3	50.3	46.8	41.4	42.1	41.8	42.4	43.3
Guyana	16.2	25.8	24.3	25.4	22.8	16.6	12.5	8.6	6.9
Haiti	21.8	22.6	21.4	17.2	17.3	17.0	16.6	16.1	15.5
Honduras	12.8	11.7	11.3	12.2	12.4	12.9	11.3	10.8	10.9
Hungary	4.1	4.4	3.5	3.8	3.5	3.3	3.2	2.2	3.1
Iceland	7.8	6.6	5.5	5.3	5.3	5.2	5.5	5.3	5.0
India	27.9	23.2	19.3	16.2	15.6	17.2	16.4	16.1	15.1
Indonesia	17.1	15.9	14.4	13.5	12.8	13.3	13.1	12.7	12.2
Iran (Islamic Republic of)	11.0	11.1	8.1	10.1	11.0	11.0	10.2	9.9	9.5
Iraq	9.1	11.7	7.0	4.2	5.8	8.1	6.4	3.9	5.2
Ireland	1.5	1.0	0.9	0.9	0.9	0.9	0.8	0.8	1.0

TABLE 2.
SHARE OF AGRICULTURE, FORESTRY AND FISHING VALUE ADDED IN TOTAL GDP (USD 2015 PRICES) (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Israel	1.9	2.2	1.9	1.4	1.3	1.2	1.2	1.2	1.1
Italy	2.1	1.9	1.9	2.0	1.8	1.9	1.8	1.7	1.7
Jamaica	6.0	4.8	5.8	6.3	6.8	7.5	7.7	8.0	7.4
Japan	1.7	1.2	1.2	1.0	0.9	0.9	0.9	1.0	1.0
Jordan	3.8	4.4	4.9	4.4	4.4	4.6	4.7	4.7	4.9
Kazakhstan	7.9	6.3	5.1	4.7	4.7	5.1	4.8	5.0	4.4
Kenya	24.2	23.7	21.2	19.5	17.6	18.5	17.1	16.1	16.2
Kiribati	28.5	25.3	25.0	22.9	26.1	26.5	24.8	22.4	22.3
Kuwait	0.3	0.3	0.6	0.5	0.5	0.5	0.6	0.6	0.7
Kyrgyzstan	19.3	18.3	15.9	13.4	11.7	12.7	11.5	11.3	10.7
Lao People's Democratic Republic	31.6	26.1	21.7	17.6	14.9	14.6	14.4	14.3	14.2
Latvia	4.1	3.5	3.6	3.6	3.6	3.7	3.5	3.0	2.7
Lebanon	5.8	4.7	3.4	3.3	4.2	6.2	6.6	6.5	6.8
Lesotho	8.0	5.7	4.6	3.8	4.1	5.1	5.5	5.6	5.9
Liberia	71.6	61.1	56.4	20.9	17.2	18.3	18.1	19.1	18.5
Libya	2.6	2.2	1.8	4.4	2.8	2.7	2.7	2.7	2.7
Lithuania	5.0	3.6	3.3	3.4	2.8	3.3	2.8	2.7	2.6
Luxembourg	0.6	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
Madagascar	31.6	31.1	29.7	25.7	24.1	25.6	23.9	23.4	23.6
Malawi	39.0	33.0	29.6	24.8	22.1	22.6	22.5	22.4	22.7
Malaysia	11.1	10.3	9.4	8.3	7.1	7.4	7.1	6.6	6.4
Maldives	10.1	13.6	7.0	5.5	4.4	7.0	5.1	4.7	4.6
Mali	31.2	29.4	32.5	37.2	36.8	35.6	35.1	35.2	35.0
Malta	1.6	1.9	1.3	0.9	0.4	0.7	0.9	0.8	1.3
Marshall Islands	8.9	8.0	10.5	12.5	20.4	20.3	21.8	25.3	30.7
Mauritania	29.5	24.2	23.1	20.6	22.2	22.1	21.3	21.7	20.2
Mauritius	4.2	3.5	3.4	3.1	2.8	3.3	3.4	3.3	3.5
Mexico	3.0	3.0	3.1	3.1	3.2	3.5	3.4	3.3	3.2
Micronesia (Federated States of)	22.5	21.3	22.0	26.2	24.2	22.9	22.1	20.7	20.7
Mongolia	20.9	14.9	12.0	14.1	13.6	15.1	14.0	14.9	12.7
Montenegro	8.8	8.9	7.7	8.1	7.0	8.3	7.3	6.7	6.3
Morocco	10.7	11.7	11.5	11.8	11.6	12.0	13.0	11.8	11.2
Mozambique	30.8	29.4	29.1	23.6	23.6	24.9	25.1	25.4	25.0
Myanmar	48.1	42.1	34.2	26.8	18.7	19.3	23.8	23.6	22.7
Namibia	14.0	15.0	10.3	6.7	7.1	8.2	8.1	7.8	7.2
Nauru	5.0	7.2	3.2	2.4	2.3	2.3	2.3	2.3	2.3
Nepal	33.5	32.6	28.1	26.5	23.9	25.1	24.6	23.9	24.1
Netherlands (Kingdom of the)	1.7	1.7	1.7	1.8	1.7	1.8	1.8	1.7	1.7
New Zealand	5.7	5.2	4.2	4.5	3.9	4.0	3.7	3.7	4.0
Nicaragua	19.4	19.1	20.1	16.1	18.9	19.2	18.5	18.1	17.0
Niger	30.2	32.3	36.4	32.4	35.4	36.9	34.5	41.7	42.0
Nigeria	17.0	21.9	21.0	20.4	22.2	23.1	22.8	22.5	22.1
North Macedonia	13.0	12.4	11.3	9.7	8.3	8.9	7.8	7.2	6.8
Norway	1.2	1.2	1.5	1.5	1.4	1.5	1.5	1.5	1.4

TABLE 2.
SHARE OF AGRICULTURE, FORESTRY AND FISHING VALUE ADDED IN TOTAL GDP (USD 2015 PRICES) (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Oman	1.5	1.4	1.4	1.7	2.4	2.8	3.0	2.6	2.7
Pakistan	29.6	26.3	24.4	23.3	20.7	21.8	21.1	21.0	21.5
Palau	4.3	3.6	4.5	3.1	3.3	3.2	3.6	3.6	3.6
Panama	6.0	6.1	3.8	2.9	2.7	3.4	3.1	2.9	2.7
Papua New Guinea	25.0	24.2	20.6	17.5	17.2	18.1	18.5	18.1	18.0
Paraguay	8.1	8.1	10.2	9.4	8.9	9.7	8.2	7.4	7.7
Peru	9.7	8.7	7.7	7.0	7.2	8.2	7.6	7.7	7.4
Philippines	14.9	14.5	13.1	11.0	9.0	9.9	9.3	8.7	8.4
Poland	3.4	3.6	3.1	2.5	1.9	2.2	1.8	1.8	2.0
Portugal	2.1	2.0	1.9	2.0	1.9	2.0	2.0	1.7	1.7
Qatar	0.3	0.2	0.1	0.2	0.3	0.3	0.3	0.3	0.3
Republic of Korea	2.8	2.2	2.1	1.9	1.6	1.5	1.5	1.5	1.4
Republic of Moldova	20.6	18.0	13.2	12.8	12.9	9.9	13.1	10.5	9.9
Romania	6.8	6.5	4.4	4.4	4.6	4.0	4.4	3.7	3.9
Russian Federation	5.3	4.4	3.7	3.9	3.9	4.0	3.8	4.1	4.0
Rwanda	34.2	31.0	26.4	24.0	22.2	23.2	22.3	20.9	19.6
Saint Kitts and Nevis	0.9	1.3	1.0	0.8	0.8	0.9	1.0	0.8	1.0
Saint Lucia	4.0	2.2	2.0	2.2	2.3	2.7	2.6	2.3	1.8
Saint Vincent and the Grenadines	9.2	7.0	6.6	6.3	6.5	6.9	4.8	4.3	4.0
Samoa	19.0	12.4	9.6	8.5	7.9	8.3	8.5	8.0	7.4
San Marino	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sao Tome and Principe	16.2	14.4	13.3	11.9	10.6	10.1	9.9	9.9	9.7
Saudi Arabia	3.4	2.9	2.9	2.8	3.0	3.0	2.9	2.8	3.0
Senegal	17.5	15.5	16.4	14.3	14.9	16.5	15.6	15.1	15.6
Serbia	8.9	7.7	6.6	6.7	6.3	6.5	5.7	5.1	5.4
Seychelles	3.8	3.7	2.3	2.1	2.2	2.2	2.6	2.7	2.8
Sierra Leone	53.2	56.9	60.8	54.1	34.7	36.0	34.8	34.0	33.0
Singapore	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Slovakia	1.1	1.3	1.5	2.0	1.8	2.0	2.0	1.7	2.0
Slovenia	2.5	2.2	1.8	2.0	1.7	1.9	1.5	1.5	1.4
Solomon Islands	31.9	36.0	36.2	33.2	31.4	31.3	31.0	29.4	28.2
Somalia	53.6	53.3	54.1	52.9	52.9	52.9	52.9	52.9	52.9
South Africa	2.5	2.2	2.1	2.2	2.3	2.9	2.9	2.9	2.5
South Sudan			5.0	4.1	3.7	6.0	3.2	1.6	2.7
Spain	3.0	2.3	2.4	2.7	2.5	2.8	2.8	2.1	2.2
Sri Lanka	10.3	8.6	8.8	8.2	7.2	7.5	7.2	7.5	7.9
Sudan			30.8	32.0	31.4	31.8	32.2	32.8	34.4
Suriname	9.9	8.2	9.3	10.4	7.1	7.5	7.1	6.9	6.1
Sweden	1.2	1.3	1.1	1.3	1.2	1.2	1.1	1.0	0.9
Switzerland	0.9	0.7	0.7	0.6	0.6	0.6	0.5	0.6	0.6
Syrian Arab Republic	52.6	48.8	34.2	33.1	30.9	30.6	26.8	25.0	25.3
Tajikistan	19.7	20.0	20.8	20.9	20.5	21.2	19.3	17.1	16.3
Thailand	12.7	11.1	10.0	8.9	8.4	8.7	8.7	8.7	8.7
Timor-Leste	28.7	29.2	24.5	17.8	14.6	11.1	11.2	14.8	18.5

TABLE 2.
SHARE OF AGRICULTURE, FORESTRY AND FISHING VALUE ADDED IN TOTAL GDP (USD 2015 PRICES) (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Togo	37.8	32.0	21.6	18.9	21.0	20.4	19.9	19.8	19.3
Tonga	18.7	16.5	15.4	16.9	15.8	16.0	15.8	16.7	19.0
Trinidad and Tobago	3.7	1.9	0.7	0.9	0.6	0.9	0.7	0.6	0.6
Tunisia	11.0	9.9	8.5	9.2	8.9	9.8	9.2	9.0	8.0
Türkiye	9.9	8.5	8.1	6.9	6.4	6.7	5.8	5.6	5.3
Turkmenistan	22.9	18.5	11.3	9.3	10.8	11.5	11.8	11.6	11.6
Tuvalu	22.9	22.5	27.1	13.3	9.0	8.9	9.1	9.0	8.5
Uganda	44.6	37.4	25.0	21.9	21.3	22.7	21.8	21.8	21.5
Ukraine	9.8	8.1	8.5	12.1	12.2	11.3	12.6	13.2	13.5
United Arab Emirates	1.9	1.4	0.8	0.7	0.8	0.8	1.0	0.9	0.9
United Kingdom of Great Britain and Northern Ireland	0.6	0.7	0.5	0.6	0.6	0.6	0.6	0.6	0.6
United Republic of Tanzania	36.5	32.6	29.6	26.6	24.9	25.0	24.8	24.5	24.2
United States of America	0.9	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9
Uruguay	7.6	8.7	6.4	6.8	6.6	6.6	7.0	6.0	6.6
Uzbekistan	35.0	36.3	30.5	29.2	26.1	26.3	25.4	24.9	24.5
Vanuatu	25.8	26.2	22.1	21.6	21.3	21.8	22.7	22.6	22.5
Venezuela (Bolivarian Republic of)	5.8	5.9	5.4	4.3	5.7	7.0	6.0	4.8	3.9
Viet Nam	27.8	23.6	16.8	14.5	12.3	12.3	12.5	12.0	11.8
Yemen	10.2	9.8	11.8	17.9	18.5	18.6	18.6	18.3	18.7
Zambia	16.5	11.3	6.5	5.1	4.3	5.2	5.3	4.4	3.5
Zimbabwe	20.0	17.5	9.4	8.3	9.0	10.1	11.0	11.0	11.1

Source: FAO. 2025. FAOSTAT: Macro Indicators. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/MK>. Licence: CC-BY-4.0

TABLE 3.
AGRICULTURAL LAND BY USE (THOUSAND HA)

COUNTRY	PERMANENT MEADOWS AND PASTURES				CROPLAND			
	2000	2010	2020	2023	2000	2010	2020	2023
World	3 381 280.9	3 272 791.2	3 234 636.6	3 229 509.8	1 491 702.3	1 520 958.8	1 569 791.4	1 571 455.7
Africa	857 120.4	867 055.9	868 285.4	868 573.3	231 528.6	264 632.1	300 962.1	306 817.6
Americas	783 043.9	783 442.7	774 414.9	769 930.5	369 440.5	366 624.7	373 640.4	369 263.6
Asia	1 116 057.1	1 082 896.0	1 083 364.0	1 077 647.0	561 189.5	571 318.7	574 936.3	575 159.5
Europe	180 804.3	177 519.9	173 624.1	171 756.3	303 826.1	290 218.2	286 877.4	286 466.0
Oceania	444 255.1	361 876.7	334 948.1	341 602.7	25 717.5	28 165.1	33 375.2	33 749.0
Afghanistan	30 000.0	30 000.0	30 262.0	30 000.0	7 794.0	7 917.0	8 051.0	8 116.0
Albania	445.0	505.3	478.0	366.1	699.0	696.0	687.6	678.5
Algeria	31 829.0	32 963.0	32 807.0	32 807.0	8 192.0	8 411.0	8 481.0	8 537.7
Andorra	22.0	19.0	18.0	18.0	1.0	0.8	0.8	0.7
Angola	41 323.0	40 415.0	40 207.0	40 361.0	3 200.0	4 435.0	5 657.0	5 702.0
Antigua and Barbuda	4.0	4.0	4.0	4.0	5.0	5.0	5.0	5.0
Argentina	99 870.0	87 264.8	74 681.0	74 681.0	28 640.0	39 003.1	42 998.0	41 455.3
Armenia	835.0	1 231.4	1 172.0	1 170.5	488.0	503.6	504.0	503.4
Australia	431 700.0	350 404.0	324 779.0	331 869.0	23 769.0	25 968.0	30 996.0	31 374.7
Austria	1 470.2	1 350.1	1 210.0	1 210.0	1 470.0	1 429.1	1 392.7	1 387.3
Azerbaijan	2 678.0	2 655.3	2 423.0	2 414.4	2 062.4	2 111.5	2 357.0	2 365.1
Bahamas	2.0	2.0	2.0	2.0	9.0	10.0	11.0	11.0
Bahrain	4.0	4.0	4.0	4.0	5.9	4.9	4.1	4.1
Bangladesh	600.0	600.0	600.0	600.0	8 800.0	8 641.0	8 830.0	8 799.0
Barbados	2.0	2.0	2.0	2.0	16.0	13.0	8.0	8.0
Belarus	2 995.0	3 241.0	2 521.0	2 380.7	6 257.0	5 657.0	5 760.0	5 653.3
Belgium	507.0	500.0	476.1	466.9	882.6	855.7	888.5	886.4
Belize	50.0	50.0	50.0	50.0	99.0	107.0	130.0	132.0
Benin	550.0	550.0	550.0	550.0	2 641.9	2 937.1	3 883.0	4 166.8
Bhutan	405.0	407.0	413.0	413.0	173.0	113.0	103.5	114.0
Bolivia (Plurinational State of)	33 831.0	33 000.0	33 000.0	33 000.0	3 312.0	4 668.9	5 527.1	5 815.4
Bosnia and Herzegovina	1 030.0	1 035.0	1 120.0	656.0	1 100.0	1 109.0	1 122.0	444.0
Botswana	25 600.0	25 600.0	25 600.0	25 600.0	351.0	261.0	262.0	262.0
Brazil	173 453.5	170 177.2	173 360.8	173 360.8	54 870.0	61 657.0	63 446.0	63 398.0
Brunei Darussalam	4.0	3.4	3.4	3.4	8.0	10.0	10.0	10.0
Bulgaria	1 804.0	1 702.0	1 404.0	1 380.4	3 778.0	3 350.0	3 644.0	3 622.6
Burkina Faso	6 000.0	6 000.0	6 000.0	6 000.0	5 211.1	6 591.4	8 270.8	8 610.8
Burundi	547.0	483.0	483.0	483.0	1 320.0	1 350.0	1 593.0	1 671.2
Cabo Verde	25.0	25.0	25.0	25.0	47.0	53.0	54.0	54.0
Cambodia	930.0	1 500.0	1 500.0	1 500.0	3 840.0	3 881.4	4 554.9	4 654.3
Cameroon	2 000.0	2 000.0	2 000.0	2 000.0	7 160.0	7 700.0	7 833.9	7 896.9
Canada	20 149.0	20 416.0	18 716.4	18 560.0	41 138.0	37 864.0	38 401.0	38 315.0
Central African Republic	2 990.0	2 990.0	2 990.0	2 990.0	1 981.4	1 929.6	2 597.3	2 678.8
Chad	45 000.0	45 000.0	45 000.0	45 000.0	3 630.0	4 235.0	5 338.0	5 337.3
Chile	13 000.0	12 892.4	9 157.2	8 783.6	2 110.0	1 826.0	1 913.0	1 913.9
China	392 834.0	392 831.0	392 834.0	392 834.0	130 897.0	135 449.8	128 561.1	128 362.0
Colombia	40 314.0	39 150.0	39 504.3	35 488.0	4 545.0	3 353.0	4 705.7	4 995.0

TABLE 3.
AGRICULTURAL LAND BY USE (THOUSAND HA) (CONTINUED)

COUNTRY	PERMANENT MEADOWS AND PASTURES				CROPLAND			
	2000	2010	2020	2023	2000	2010	2020	2023
Comoros	15.0	15.0	15.0	15.0	113.0	118.0	118.0	118.0
Congo	10 000.0	10 000.0	10 000.0	10 000.0	539.9	575.4	642.7	651.4
Costa Rica	1 350.0	1 279.0	1 168.3	1 148.0	490.0	540.0	544.3	544.3
Côte d'Ivoire	13 000.0	13 200.0	13 200.0	13 200.0	6 755.6	7 704.0	12 708.4	14 299.3
Croatia	258.0	345.4	537.0	539.0	911.0	988.4	968.0	947.0
Cuba	2 500.0	2 657.2	2 839.4	2 839.4	4 054.0	3 804.0	3 561.6	3 561.6
Cyprus	1.1	2.0	2.3	2.1	140.4	112.5	125.4	126.9
Czechia	961.0	936.1	989.6	968.4	3 319.0	2 587.8	2 534.3	2 566.0
Democratic People's Republic of Korea	50.0	50.0	50.0	50.0	2 479.2	2 623.3	2 546.5	2 545.3
Democratic Republic of the Congo	18 100.0	18 200.0	18 200.0	18 200.0	7 500.0	10 229.0	15 677.5	16 895.7
Denmark	358.0	200.0	222.4	226.0	2 289.0	2 426.0	2 397.6	2 395.0
Djibouti	1 600.0	1 700.0	1 700.0	1 700.0	1.6	2.3	3.8	3.9
Dominica	2.0	2.0	2.0	2.0	19.0	23.0	23.0	23.0
Dominican Republic	1 197.0	1 127.1	1 143.7	1 148.5	1 318.0	1 170.7	1 378.2	1 519.4
Ecuador	5 087.0	4 919.9	2 939.0	2 941.0	2 979.0	2 577.8	2 481.0	2 409.0
Egypt					3 291.0	3 671.0	3 971.0	4 058.0
El Salvador	409.6	358.5	314.7	314.7	877.1	871.4	881.0	881.0
Equatorial Guinea	2.9	3.6	4.9	4.9	100.0	100.0	100.0	99.8
Eritrea	6 967.0	6 900.0	6 900.0	6 900.0	563.0	692.0	692.0	692.0
Estonia	131.0	296.7	286.0	272.0	855.0	652.1	699.0	715.0
Eswatini	1 032.0	1 028.0	1 000.0	1 000.0	191.0	193.0	195.0	195.0
Ethiopia	20 000.0	20 000.0	20 000.0	20 000.0	10 534.0	15 683.0	18 476.1	18 456.9
Fiji	173.0	173.0	173.0	173.0	198.8	146.1	138.6	138.6
Finland	26.0	33.0	22.0	13.0	2 192.0	2 258.9	2 248.0	2 249.0
France	10 312.3	9 614.5	10 397.1	10 370.5	19 495.1	19 311.8	18 021.6	17 926.8
Gabon	1 572.0	1 622.6	1 658.2	1 658.2	495.0	495.0	495.0	495.0
Gambia	267.0	187.0	187.0	187.0	239.0	457.0	447.0	447.0
Georgia	1 938.0	1 940.0	1 940.0	1 940.0	1 062.0	520.0	437.9	431.9
Germany	5 048.0	4 655.0	4 730.0	4 704.0	12 020.0	12 045.0	11 862.0	11 881.0
Ghana	7 189.3	5 903.6	5 186.2	5 186.2	5 576.2	6 496.8	7 417.5	7 417.5
Greece	4 675.0	3 785.0	2 813.5	2 476.1	3 854.0	3 704.0	2 811.2	2 896.0
Grenada	1.0	1.0	1.0	1.0	11.0	9.0	7.0	7.0
Guatemala	2 478.0	1 847.0	1 875.0	1 875.0	2 283.7	2 470.2	2 737.0	2 737.0
Guinea	10 700.0	10 700.0	10 700.0	10 700.0	3 364.1	4 359.9	6 278.5	7 293.9
Guinea-Bissau	115.1	197.6	200.0	195.0	548.0	550.0	624.9	645.5
Guyana	594.0	594.0	594.0	594.0	121.3	125.0	125.0	126.0
Haiti	490.0	490.0	490.0	490.0	1 200.0	1 494.0	1 300.0	1 305.0
Honduras	1 508.0	1 770.0	1 944.0	1 958.0	1 427.0	1 498.0	1 594.0	1 618.0
Hungary	1 051.0	763.0	732.5	788.9	4 803.0	4 580.0	4 184.1	4 294.1
Iceland	1 760.0	1 751.0	1 751.0	1 517.0	129.0	123.0	121.0	121.0
India	10 845.0	10 339.0	10 480.0	10 248.0	170 130.0	169 234.0	168 048.0	168 323.0
Indonesia	11 177.0	11 000.0	11 000.0	11 000.0	33 441.0	38 882.4	43 382.3	44 122.2

TABLE 3.
AGRICULTURAL LAND BY USE (THOUSAND HA) (CONTINUED)

COUNTRY	PERMANENT MEADOWS AND PASTURES				CROPLAND			
	2000	2010	2020	2023	2000	2010	2020	2023
Iran (Islamic Republic of)	46 600.0	29 477.0	29 477.0	29 477.0	16 284.0	17 062.4	17 551.0	17 590.0
Iraq	4 000.0	4 000.0	4 000.0	3 985.0	4 495.2	4 218.7	5 453.4	5 492.4
Ireland	3 906.1	4 127.2	4 067.0	3 749.0	490.1	440.8	445.0	441.0
Israel	142.0	133.6	165.0	164.0	424.0	370.9	376.8	372.7
Italy	4 353.0	4 698.0	3 133.8	3 603.5	11 284.0	9 629.8	9 384.6	9 484.1
Jamaica	229.0	229.0	229.0	229.0	250.0	192.3	188.0	188.0
Japan	428.0	360.0	310.0	310.0	4 830.0	4 593.0	4 372.0	4 297.0
Jordan	791.0	742.0	742.0	742.0	278.0	260.3	287.0	287.3
Kazakhstan	185 098.0	188 361.7	184 464.0	184 464.0	30 295.3	28 800.1	29 685.2	29 801.7
Kenya	21 300.0	21 300.0	21 300.0	21 300.0	5 430.8	6 086.8	7 389.0	7 468.7
Kiribati					34.0	34.0	34.0	34.0
Kuwait	136.0	136.0	136.0	136.0	12.0	16.0	14.0	14.0
Kyrgyzstan	9 291.0	9 261.5	9 003.7	8 995.4	1 423.0	1 350.4	1 364.1	1 363.5
Lao People's Democratic Republic	805.0	690.0	677.0	677.0	1 001.0	1 503.5	1 530.9	1 610.2
Latvia	606.0	625.0	626.0	601.0	982.0	1 180.0	1 343.0	1 370.0
Lebanon	325.0	400.0	400.0	400.0	270.0	240.0	274.1	274.2
Lesotho	2 000.0	2 000.0	2 000.0	2 000.0	334.0	326.0	349.4	360.7
Liberia	757.1	1 007.0	1 223.0	1 223.0	610.0	660.0	700.0	700.0
Libya	13 300.0	13 300.0	13 300.0	13 300.0	2 150.0	2 051.0	2 050.0	2 050.0
Lithuania	497.0	614.2	658.0	537.0	2 921.0	2 158.1	2 284.8	2 336.0
Luxembourg	65.0	67.6	68.3	69.8	63.0	63.5	63.7	62.9
Madagascar	37 000.0	37 295.0	37 295.0	37 295.0	3 500.0	3 600.0	3 600.0	3 600.0
Malawi	1 850.0	1 850.0	1 850.0	1 850.0	2 880.0	3 635.0	4 134.0	4 200.0
Malaysia	285.0	285.0	285.0	285.0	6 653.7	7 104.3	8 285.3	8 244.3
Maldives	1.0	1.0	1.0	1.0	8.0	5.9	5.4	4.9
Mali	34 000.0	34 640.0	34 640.0	34 640.0	4 665.0	6 435.4	8 368.9	8 639.5
Malta					9.0	10.3	9.1	8.3
Marshall Islands					8.5	8.5	7.0	7.0
Mauritania	39 250.0	39 250.0	39 250.0	39 250.0	460.0	460.0	460.0	460.0
Mauritius	7.0	7.0	7.0	7.0	92.7	84.0	79.0	79.0
Mexico	80 952.0	76 223.0	74 241.0	74 099.7	25 378.0	25 584.0	25 901.5	24 445.7
Micronesia (Federated States of)	3.0	3.0	3.0	3.0	2.5	2.0	2.0	2.0
Mongolia	129 294.0	112 971.0	111 354.1	106 318.3	1 176.0	1 239.0	1 127.5	1 149.0
Montenegro		324.0	243.3	249.2		188.0	14.7	14.3
Morocco	21 000.0	21 000.0	21 000.0	21 000.0	9 652.0	8 988.3	8 911.3	8 788.3
Mozambique	33 300.0	33 715.9	35 463.8	35 463.8	4 150.0	5 950.0	6 040.8	6 048.5
Myanmar	314.0	309.0	480.0	480.0	10 498.0	12 217.0	12 500.0	12 517.3
Namibia	38 000.0	38 000.0	38 000.0	38 000.0	820.0	809.0	811.0	812.0
Nauru					0.4	0.4	0.4	0.4
Nepal	1 786.0	1 794.0	1 795.3	1 795.3	2 463.1	2 332.0	2 003.6	1 948.8
Netherlands (Kingdom of the)	901.9	813.3	772.4	758.0	1 057.7	1 059.0	1 042.0	1 045.0
New Zealand	11 885.8	10 838.0	9 553.0	9 119.0	453.9	570.0	601.0	592.0

TABLE 3.
AGRICULTURAL LAND BY USE (THOUSAND HA) (CONTINUED)

COUNTRY	PERMANENT MEADOWS AND PASTURES				CROPLAND			
	2000	2010	2020	2023	2000	2010	2020	2023
Nicaragua	2 990.0	3 200.0	3 292.0	3 292.0	2 151.0	1 850.0	1 799.0	1 799.0
Niger	23 000.0	28 782.0	28 782.0	28 782.0	14 000.0	15 200.0	17 815.7	17 816.5
Nigeria	24 708.0	24 554.0	25 021.0	25 172.0	40 800.0	42 334.9	43 668.5	44 226.2
North Macedonia	636.0	670.0	805.0	795.0	599.0	449.0	457.0	456.0
Norway	158.0	175.8	178.3	176.0	884.0	830.1	807.7	806.0
Oman	1 100.0	1 370.6	1 350.0	1 350.0	73.0	72.6	110.4	121.7
Pakistan	5 000.0	5 000.0	5 000.0	5 000.0	31 698.0	30 242.0	31 673.0	30 995.0
Palau	2.0	2.0	2.0	2.0	2.3	2.3	2.3	2.3
Panama	1 535.0	1 509.0	1 509.0	1 509.0	695.0	757.4	665.1	681.0
Papua New Guinea	180.0	190.0	190.0	190.0	908.0	1 077.0	1 215.0	1 215.0
Paraguay	13 525.3	15 006.5	16 487.8	16 784.0	3 110.0	3 844.3	4 471.4	4 643.5
Peru	17 801.7	18 631.2	18 284.0	18 186.9	5 116.2	5 233.5	6 197.0	6 198.6
Philippines	1 500.0	1 500.0	1 500.0	1 500.0	9 734.0	10 600.0	11 159.0	11 222.6
Poland	4 083.0	3 230.0	3 203.0	3 014.0	14 330.0	11 219.0	11 530.0	11 546.0
Portugal	1 417.0	1 792.6	2 113.3	2 162.2	2 539.4	1 861.6	1 841.0	1 807.8
Qatar	50.0	50.0	50.0	50.0	16.0	18.1	24.0	24.0
Republic of Korea	55.0	58.0	56.0	56.0	1 918.0	1 715.0	1 565.0	1 512.0
Republic of Moldova	382.0	353.0	338.0	311.0	2 162.0	2 112.0	2 130.0	2 137.0
Romania	4 949.0	4 547.0	4 163.0	3 902.0	9 908.0	9 609.0	8 886.0	8 813.0
Russian Federation	90 924.0	92 052.0	92 052.0	92 052.0	126 238.0	123 442.0	123 442.0	123 649.0
Rwanda	520.0	430.0	398.0	386.1	1 306.0	1 492.0	1 560.6	1 497.1
Saint Kitts and Nevis	2.0	1.1	0.9	0.9	7.5	4.6	5.1	5.1
Saint Lucia	1.3	0.4	0.4	0.4	12.9	9.6	9.6	9.6
Saint Vincent and the Grenadines	2.0	2.0	2.0	2.0	5.0	5.0	5.0	5.0
Samoa	3.0	6.0	6.4	6.4	45.0	35.5	43.0	42.4
San Marino					1.0	1.0	2.3	2.3
Sao Tome and Principe	1.0	1.0	1.0	1.0	35.0	32.0	41.0	42.0
Saudi Arabia	170 000.0	170 000.0	170 000.0	170 000.0	3 800.0	3 740.0	3 637.8	3 637.4
Senegal	5 650.0	5 600.0	5 600.0	5 600.0	3 377.0	3 678.0	3 830.0	3 911.0
Serbia		677.2	671.0	556.0		2 844.4	2 811.0	2 817.0
Seychelles					4.0	2.4	1.6	1.6
Sierra Leone	2 200.0	2 200.0	2 200.0	2 200.0	610.0	1 730.4	1 749.0	1 749.0
Singapore					1.2	0.7	0.7	0.7
Slovakia	865.0	527.3	519.0	501.0	1 575.0	1 417.4	1 364.0	1 324.0
Slovenia	314.0	387.6	376.5	378.8	204.0	236.3	234.0	233.4
Solomon Islands	7.0	8.0	8.0	8.0	69.0	85.9	96.6	101.2
Somalia	43 000.0	43 000.0	43 000.0	43 000.0	1 067.0	1 126.0	1 128.1	1 129.2
South Africa	83 928.0	83 928.0	83 928.0	83 928.0	14 197.0	12 963.0	12 413.0	12 413.0
South Sudan			25 773.0	25 773.0			2 477.7	2 574.2
Spain	11 462.0	10 324.0	9 496.2	9 885.8	18 304.0	17 221.0	16 646.4	16 606.5
Sri Lanka	440.0	440.0	440.0	440.0	1 910.0	2 180.0	2 372.0	2 566.9
Sudan			91 454.0	91 454.0			21 211.0	21 211.0

TABLE 3.
AGRICULTURAL LAND BY USE (THOUSAND HA) (CONTINUED)

COUNTRY	PERMANENT MEADOWS AND PASTURES				CROPLAND			
	2000	2010	2020	2023	2000	2010	2020	2023
Suriname	21.0	17.3	16.0	16.0	67.0	61.0	65.0	55.4
Sweden	371.9	451.9	464.0	453.0	2 602.2	2 621.5	2 542.0	2 529.0
Switzerland	1 133.9	1 106.6	1 077.4	1 071.5	431.9	427.8	425.0	421.7
Syrian Arab Republic	8 359.0	8 212.0	8 186.8	8 164.0	5 352.0	5 696.0	5 726.6	5 442.0
Tajikistan	3 687.0	2 927.5	2 821.7	2 829.7	886.0	880.7	1 041.0	1 049.0
Thailand	800.0	800.0	800.0	800.0	21 095.0	22 024.0	22 471.9	21 576.0
Timor-Leste	150.0	150.0	150.0	150.0	187.0	188.0	191.4	191.4
Togo	1 000.0	1 000.0	1 000.0	1 000.0	2 400.0	2 665.0	2 820.0	2 820.0
Tonga	4.0	4.0	4.0	4.0	26.0	28.0	31.0	31.0
Trinidad and Tobago	7.0	7.0	7.0	7.0	60.0	47.0	47.0	47.0
Tunisia	4 561.0	4 852.0	4 750.0	4 750.0	4 990.0	5 186.0	4 950.5	4 950.5
Türkiye	14 100.0	14 617.0	14 617.0	14 617.0	26 379.0	24 395.0	23 145.0	23 971.0
Turkmenistan	33 500.0	32 000.0	37 955.5	37 946.9	1 635.0	1 830.3	1 643.6	1 631.3
Tuvalu					2.0	1.8	1.8	1.8
Uganda	5 112.0	5 315.0	5 315.0	5 315.0	7 400.0	8 950.0	9 100.0	9 100.0
Ukraine	7 910.0	7 893.0	7 534.0	7 534.0	33 496.0	33 374.0	33 777.0	33 777.0
United Arab Emirates	300.0	300.0	300.0	300.0	247.0	92.3	89.8	91.7
United Kingdom of Great Britain and Northern Ireland	11 036.0	11 208.0	11 235.7	10 923.3	5 928.0	6 016.0	6 023.6	6 086.2
United Republic of Tanzania	24 000.0	24 000.0	24 000.0	24 000.0	10 000.0	13 399.0	15 521.2	15 521.2
United States of America	236 331.0	258 510.6	266 806.2	266 806.2	178 068.0	160 416.6	157 015.2	154 734.1
Uruguay	13 543.0	12 362.0	12 000.0	12 000.0	1 415.0	2 071.0	2 063.4	2 238.6
Uzbekistan	22 500.0	21 067.0	21 244.3	21 114.0	4 828.0	4 531.0	4 438.2	4 468.0
Vanuatu	42.0	42.0	42.0	42.0	133.0	145.0	145.0	145.0
Venezuela (Bolivarian Republic of)	18 240.0	18 200.0	18 200.0	18 200.0	3 395.0	3 300.0	3 300.0	3 300.0
Viet Nam	642.0	642.0	642.0	642.0	8 138.0	10 118.1	11 718.0	11 649.0
Yemen	22 000.0	22 000.0	22 000.0	22 000.0	1 669.0	1 579.0	1 452.0	1 452.0
Zambia	19 650.0	20 000.0	20 000.0	20 000.0	2 876.0	3 436.0	3 839.0	3 839.0
Zimbabwe	11 360.0	12 100.0	12 100.0	12 100.0	3 757.4	4 036.8	4 076.9	4 067.1

Source: FAO. 2025. FAOSTAT: Land Use. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/RL>. Licence: CC-BY-4.0.

TABLE 4.
CROPLAND AREA PER CAPITA (HA PER CAPITA)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
World	0.24	0.23	0.22	0.21	0.20	0.20	0.20	0.20	0.19
Africa	0.28	0.26	0.25	0.24	0.22	0.22	0.21	0.21	0.21
Americas	0.44	0.42	0.39	0.38	0.36	0.36	0.36	0.36	0.35
Asia	0.15	0.14	0.13	0.13	0.12	0.12	0.12	0.12	0.12
Europe	0.42	0.40	0.39	0.39	0.39	0.38	0.38	0.38	0.38
Oceania	0.82	0.85	0.76	0.83	0.77	0.76	0.77	0.76	0.74
Afghanistan	0.39	0.32	0.28	0.23	0.21	0.21	0.20	0.20	0.20
Albania	0.22	0.21	0.24	0.24	0.24	0.24	0.24	0.24	0.24
Algeria	0.27	0.25	0.23	0.21	0.20	0.19	0.19	0.19	0.18
Andorra	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Angola	0.20	0.18	0.19	0.19	0.17	0.17	0.16	0.16	0.16
Antigua and Barbuda	0.07	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05
Argentina	0.77	0.89	0.94	0.95	0.93	0.95	0.96	0.97	0.91
Armenia	0.16	0.17	0.17	0.17	0.17	0.17	0.18	0.17	0.17
Australia	1.24	1.32	1.17	1.31	1.21	1.20	1.22	1.21	1.19
Austria	0.18	0.18	0.17	0.16	0.16	0.16	0.16	0.15	0.15
Azerbaijan	0.25	0.24	0.23	0.22	0.23	0.23	0.23	0.23	0.23
Bahamas	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Bahrain	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bangladesh	0.07	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05
Barbados	0.06	0.05	0.05	0.03	0.03	0.03	0.03	0.03	0.03
Belarus	0.63	0.59	0.60	0.61	0.62	0.62	0.62	0.62	0.62
Belgium	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Belize	0.41	0.36	0.33	0.34	0.32	0.33	0.33	0.33	0.32
Benin	0.37	0.35	0.30	0.31	0.32	0.30	0.30	0.31	0.30
Bhutan	0.29	0.28	0.16	0.15	0.13	0.13	0.14	0.14	0.15
Bolivia (Plurinational State of)	0.38	0.43	0.46	0.47	0.47	0.47	0.47	0.48	0.48
Bosnia and Herzegovina	0.26	0.27	0.29	0.32	0.34	0.34	0.34	0.14	0.14
Botswana	0.21	0.12	0.13	0.12	0.11	0.11	0.11	0.11	0.11
Brazil	0.32	0.32	0.32	0.31	0.31	0.30	0.30	0.30	0.30
Brunei Darussalam	0.02	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02
Bulgaria	0.47	0.44	0.45	0.51	0.52	0.53	0.53	0.53	0.53
Burkina Faso	0.44	0.42	0.41	0.40	0.39	0.39	0.38	0.38	0.37
Burundi	0.20	0.18	0.14	0.13	0.13	0.13	0.12	0.12	0.12
Cabo Verde	0.10	0.11	0.10	0.11	0.11	0.10	0.10	0.10	0.10
Cambodia	0.31	0.29	0.27	0.27	0.27	0.27	0.27	0.27	0.27
Cameroon	0.48	0.42	0.39	0.34	0.31	0.30	0.29	0.29	0.28
Canada	1.33	1.23	1.11	1.07	1.03	1.01	1.00	0.99	0.98
Central African Republic	0.52	0.46	0.43	0.42	0.51	0.52	0.51	0.52	0.52
Chad	0.43	0.38	0.34	0.36	0.32	0.31	0.30	0.29	0.28
Chile	0.14	0.12	0.11	0.11	0.10	0.10	0.10	0.09	0.10
China	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.09
Colombia	0.12	0.09	0.07	0.08	0.09	0.09	0.09	0.09	0.10
Comoros	0.21	0.20	0.18	0.16	0.15	0.15	0.14	0.14	0.14

TABLE 4.
CROPLAND AREA PER CAPITA (HA PER CAPITA) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Congo	0.17	0.15	0.13	0.12	0.12	0.11	0.11	0.11	0.11
Costa Rica	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11
Côte d'Ivoire	0.38	0.36	0.34	0.45	0.44	0.44	0.43	0.44	0.46
Croatia	0.21	0.22	0.23	0.22	0.23	0.24	0.24	0.24	0.24
Cuba	0.36	0.36	0.34	0.31	0.32	0.32	0.32	0.32	0.32
Cyprus	0.15	0.16	0.10	0.10	0.10	0.10	0.09	0.09	0.09
Czechia	0.32	0.27	0.25	0.24	0.24	0.24	0.24	0.24	0.24
Democratic People's Republic of Korea	0.10	0.10	0.11	0.10	0.10	0.10	0.10	0.10	0.10
Democratic Republic of the Congo	0.15	0.13	0.15	0.18	0.17	0.16	0.16	0.16	0.16
Denmark	0.43	0.43	0.44	0.42	0.42	0.41	0.41	0.41	0.40
Djibouti	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dominica	0.28	0.29	0.33	0.33	0.34	0.34	0.34	0.34	0.35
Dominican Republic	0.15	0.13	0.12	0.12	0.13	0.13	0.12	0.13	0.13
Ecuador	0.23	0.18	0.17	0.16	0.14	0.14	0.14	0.13	0.13
Egypt	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
El Salvador	0.15	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Equatorial Guinea	0.14	0.11	0.08	0.07	0.06	0.06	0.06	0.06	0.05
Eritrea	0.25	0.23	0.24	0.22	0.21	0.21	0.21	0.20	0.20
Estonia	0.61	0.45	0.49	0.52	0.53	0.53	0.53	0.53	0.52
Eswatini	0.18	0.18	0.17	0.17	0.17	0.16	0.16	0.16	0.16
Ethiopia	0.16	0.17	0.17	0.17	0.16	0.16	0.15	0.15	0.14
Fiji	0.24	0.19	0.16	0.16	0.15	0.15	0.15	0.15	0.15
Finland	0.42	0.43	0.42	0.41	0.41	0.41	0.41	0.40	0.40
France	0.33	0.32	0.30	0.30	0.29	0.27	0.27	0.27	0.27
Gabon	0.39	0.34	0.29	0.24	0.22	0.21	0.21	0.20	0.20
Gambia	0.16	0.17	0.24	0.21	0.18	0.18	0.17	0.17	0.17
Georgia	0.25	0.14	0.13	0.13	0.11	0.12	0.12	0.12	0.11
Germany	0.15	0.15	0.15	0.15	0.14	0.14	0.14	0.14	0.14
Ghana	0.28	0.27	0.26	0.24	0.23	0.23	0.23	0.22	0.22
Greece	0.36	0.34	0.33	0.30	0.30	0.26	0.27	0.28	0.28
Grenada	0.10	0.07	0.08	0.06	0.06	0.06	0.06	0.06	0.06
Guatemala	0.20	0.17	0.17	0.17	0.16	0.16	0.16	0.15	0.15
Guinea	0.40	0.37	0.42	0.47	0.46	0.47	0.48	0.50	0.51
Guinea-Bissau	0.44	0.38	0.35	0.31	0.31	0.31	0.31	0.30	0.30
Guyana	0.16	0.16	0.17	0.16	0.15	0.15	0.15	0.15	0.15
Haiti	0.14	0.14	0.15	0.15	0.12	0.12	0.11	0.11	0.11
Honduras	0.22	0.19	0.18	0.17	0.16	0.16	0.16	0.15	0.15
Hungary	0.47	0.48	0.46	0.46	0.46	0.43	0.44	0.44	0.44
Iceland	0.46	0.43	0.39	0.37	0.34	0.33	0.32	0.32	0.31
India	0.16	0.15	0.14	0.13	0.12	0.12	0.12	0.12	0.12
Indonesia	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16
Iran (Islamic Republic of)	0.25	0.25	0.22	0.20	0.20	0.20	0.20	0.20	0.19
Iraq	0.18	0.17	0.14	0.14	0.13	0.13	0.13	0.12	0.12
Ireland	0.13	0.12	0.10	0.10	0.09	0.09	0.09	0.09	0.08

TABLE 4.
CROPLAND AREA PER CAPITA (HA PER CAPITA) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Israel	0.07	0.06	0.05	0.05	0.06	0.04	0.04	0.04	0.04
Italy	0.20	0.18	0.16	0.15	0.16	0.16	0.16	0.16	0.16
Jamaica	0.10	0.09	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Japan	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03
Jordan	0.05	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03
Kazakhstan	1.95	1.80	1.71	1.64	1.54	1.52	1.51	1.49	1.47
Kenya	0.18	0.16	0.15	0.15	0.14	0.14	0.14	0.14	0.14
Kiribati	0.38	0.35	0.31	0.29	0.27	0.27	0.26	0.26	0.26
Kuwait	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Kyrgyzstan	0.28	0.26	0.25	0.23	0.21	0.20	0.20	0.20	0.19
Lao People's Democratic Republic	0.18	0.21	0.24	0.26	0.22	0.21	0.21	0.21	0.21
Latvia	0.41	0.49	0.56	0.63	0.69	0.71	0.73	0.73	0.73
Lebanon	0.06	0.06	0.05	0.04	0.05	0.05	0.05	0.05	0.05
Lesotho	0.17	0.17	0.16	0.11	0.07	0.16	0.10	0.12	0.16
Liberia	0.21	0.19	0.16	0.15	0.14	0.14	0.13	0.13	0.13
Libya	0.41	0.36	0.32	0.31	0.29	0.29	0.29	0.28	0.28
Lithuania	0.83	0.59	0.70	0.76	0.80	0.82	0.83	0.83	0.82
Luxembourg	0.14	0.13	0.13	0.11	0.10	0.10	0.10	0.10	0.09
Madagascar	0.21	0.19	0.16	0.14	0.13	0.12	0.12	0.12	0.12
Malawi	0.25	0.26	0.25	0.23	0.21	0.21	0.21	0.20	0.20
Malaysia	0.29	0.27	0.25	0.27	0.25	0.24	0.24	0.24	0.23
Maldives	0.03	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01
Mali	0.40	0.42	0.40	0.39	0.39	0.39	0.38	0.37	0.36
Malta	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Marshall Islands	0.17	0.16	0.16	0.14	0.16	0.16	0.17	0.17	0.18
Mauritania	0.18	0.16	0.14	0.12	0.10	0.10	0.10	0.09	0.09
Mauritius	0.08	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06
Mexico	0.26	0.24	0.23	0.20	0.18	0.20	0.20	0.19	0.19
Micronesia (Federated States of)	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Mongolia	0.48	0.46	0.46	0.45	0.35	0.34	0.34	0.34	0.33
Montenegro			0.30	0.02	0.02	0.02	0.02	0.02	0.02
Morocco	0.34	0.30	0.28	0.26	0.24	0.24	0.24	0.22	0.23
Mozambique	0.23	0.26	0.26	0.23	0.20	0.20	0.19	0.18	0.18
Myanmar	0.23	0.23	0.25	0.24	0.24	0.24	0.23	0.23	0.23
Namibia	0.45	0.42	0.38	0.34	0.31	0.30	0.29	0.28	0.27
Nauru	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03
Nepal	0.10	0.09	0.09	0.08	0.07	0.07	0.07	0.07	0.07
Netherlands (Kingdom of the)	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06
New Zealand	0.12	0.12	0.13	0.12	0.12	0.12	0.14	0.12	0.11
Nicaragua	0.43	0.42	0.32	0.29	0.28	0.27	0.27	0.27	0.26
Niger	1.22	1.03	0.92	0.85	0.78	0.75	0.73	0.70	0.68
Nigeria	0.32	0.29	0.25	0.22	0.21	0.20	0.20	0.20	0.19
North Macedonia	0.29	0.23	0.22	0.23	0.24	0.24	0.25	0.25	0.25
Norway	0.20	0.19	0.17	0.16	0.15	0.15	0.15	0.15	0.15

TABLE 4.
CROPLAND AREA PER CAPITA (HA PER CAPITA) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Oman	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02
Pakistan	0.20	0.18	0.15	0.14	0.14	0.13	0.13	0.13	0.13
Palau	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13
Panama	0.23	0.21	0.21	0.18	0.16	0.15	0.15	0.16	0.15
Papua New Guinea	0.16	0.14	0.14	0.13	0.13	0.12	0.12	0.12	0.12
Paraguay	0.61	0.65	0.67	0.68	0.68	0.68	0.68	0.69	0.68
Peru	0.19	0.18	0.18	0.19	0.18	0.19	0.20	0.19	0.18
Philippines	0.12	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.10
Poland	0.37	0.33	0.29	0.29	0.30	0.30	0.30	0.30	0.30
Portugal	0.25	0.20	0.18	0.18	0.18	0.18	0.18	0.17	0.17
Qatar	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Republic of Korea	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03
Republic of Moldova	0.51	0.54	0.58	0.60	0.62	0.69	0.71	0.70	0.70
Romania	0.45	0.45	0.47	0.46	0.48	0.46	0.47	0.45	0.46
Russian Federation	0.86	0.85	0.86	0.85	0.84	0.84	0.85	0.85	0.85
Rwanda	0.16	0.16	0.14	0.14	0.12	0.12	0.12	0.12	0.11
Saint Kitts and Nevis	0.17	0.09	0.10	0.11	0.11	0.11	0.11	0.11	0.11
Saint Lucia	0.08	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05
Saint Vincent and the Grenadines	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Samoa	0.25	0.20	0.18	0.31	0.21	0.20	0.20	0.20	0.20
San Marino	0.04	0.04	0.03	0.07	0.07	0.07	0.07	0.07	0.07
Sao Tome and Principe	0.24	0.20	0.18	0.18	0.19	0.19	0.19	0.19	0.18
Saudi Arabia	0.23	0.18	0.15	0.12	0.12	0.12	0.12	0.11	0.11
Senegal	0.34	0.28	0.29	0.26	0.23	0.23	0.23	0.22	0.22
Serbia			0.38	0.39	0.40	0.41	0.41	0.41	0.42
Seychelles	0.05	0.04	0.03	0.01	0.01	0.01	0.01	0.01	0.01
Sierra Leone	0.14	0.29	0.28	0.25	0.23	0.22	0.22	0.21	0.21
Singapore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Slovakia	0.29	0.26	0.26	0.25	0.25	0.25	0.25	0.24	0.24
Slovenia	0.10	0.10	0.12	0.12	0.11	0.11	0.11	0.11	0.11
Solomon Islands	0.16	0.18	0.16	0.15	0.13	0.13	0.13	0.13	0.13
Somalia	0.12	0.11	0.09	0.08	0.07	0.07	0.07	0.06	0.06
South Africa	0.30	0.27	0.25	0.22	0.21	0.21	0.20	0.20	0.20
South Sudan				0.24	0.24	0.23	0.23	0.23	0.22
Spain	0.45	0.41	0.37	0.37	0.35	0.35	0.35	0.35	0.35
Sri Lanka	0.10	0.10	0.10	0.11	0.11	0.11	0.10	0.10	0.11
Sudan				0.51	0.47	0.45	0.44	0.43	0.42
Suriname	0.14	0.11	0.11	0.12	0.11	0.11	0.10	0.09	0.09
Sweden	0.29	0.30	0.28	0.26	0.25	0.25	0.24	0.24	0.24
Switzerland	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Syrian Arab Republic	0.32	0.30	0.25	0.30	0.28	0.27	0.26	0.24	0.23
Tajikistan	0.14	0.13	0.12	0.11	0.11	0.11	0.10	0.11	0.10
Thailand	0.33	0.33	0.32	0.31	0.31	0.31	0.31	0.30	0.30
Timor-Leste	0.25	0.19	0.17	0.16	0.15	0.14	0.14	0.14	0.14

TABLE 4.
CROPLAND AREA PER CAPITA (HA PER CAPITA) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Togo	0.47	0.43	0.40	0.37	0.33	0.33	0.32	0.31	0.30
Tonga	0.25	0.25	0.26	0.29	0.29	0.29	0.29	0.30	0.30
Trinidad and Tobago	0.05	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Tunisia	0.51	0.48	0.48	0.43	0.42	0.41	0.41	0.41	0.41
Türkiye	0.40	0.38	0.33	0.30	0.27	0.27	0.27	0.27	0.27
Turkmenistan	0.36	0.40	0.33	0.28	0.24	0.24	0.23	0.23	0.22
Tuvalu	0.21	0.17	0.17	0.16	0.17	0.17	0.18	0.18	0.18
Uganda	0.31	0.29	0.28	0.24	0.21	0.20	0.20	0.19	0.19
Ukraine	0.68	0.70	0.72	0.74	0.75	0.76	0.76	0.82	0.90
United Arab Emirates	0.07	0.06	0.01	0.01	0.01	0.01	0.01	0.01	0.01
United Kingdom of Great Britain and Northern Ireland	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.09
United Republic of Tanzania	0.29	0.29	0.30	0.28	0.26	0.25	0.25	0.24	0.23
United States of America	0.63	0.57	0.52	0.49	0.47	0.46	0.46	0.45	0.45
Uruguay	0.43	0.44	0.62	0.73	0.63	0.61	0.61	0.64	0.66
Uzbekistan	0.19	0.18	0.16	0.14	0.13	0.13	0.13	0.13	0.13
Vanuatu	0.71	0.67	0.61	0.54	0.50	0.49	0.47	0.46	0.45
Venezuela (Bolivarian Republic of)	0.14	0.13	0.11	0.11	0.11	0.12	0.12	0.12	0.12
Viet Nam	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Yemen	0.09	0.07	0.06	0.05	0.04	0.04	0.04	0.04	0.04
Zambia	0.29	0.24	0.25	0.23	0.21	0.20	0.20	0.19	0.19
Zimbabwe	0.32	0.32	0.30	0.28	0.27	0.26	0.26	0.25	0.25

Source: FAO. 2025. FAOSTAT: Land Use. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/RL>. Licence: CC-BY-4.0.

TABLE 5.
AREA EQUIPPED FOR IRRIGATION (THOUSAND HA)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
World	289 074	301 658	323 094	337 861	349 512	354 308	355 518	354 567	354 972
Africa	12 929	13 906	14 847	16 259	17 074	17 231	17 424	17 463	17 524
Americas	47 608	41 089	52 245	54 381	56 387	56 663	57 023	55 403	55 384
Asia	199 144	217 189	227 477	237 794	244 606	249 319	249 903	250 502	251 090
Europe	26 712	26 381	25 284	26 129	28 149	27 783	27 855	27 876	27 651
Oceania	2 682	3 093	3 241	3 298	3 296	3 312	3 312	3 323	3 323
Afghanistan	3 203	3 208	3 208	3 208	3 208	3 208	3 208	3 208	3 208
Albania	340	362	331	353	357	360	361	358	358
Algeria	601	825	1 101	1 360	1 382	1 365	1 365	1 365	1 365
Andorra		0	0	0	0	0	0	0	0
Angola	84	86	86	86	86	86	86	86	86
Antigua and Barbuda	0	0	0	0	0	0	0	0	0
Argentina	1 565	1 820	2 250	2 357	2 357	2 357	2 357	2 357	2 357
Armenia	274	263	243	221	208	209	209	209	209
Australia	2 384	2 545	2 546	2 546	2 546	2 546	2 546	2 546	2 546
Austria	94	120	117	106	100	122	100	100	100
Azerbaijan	1 430	1 433	1 425	1 435	1 450	1 480	1 485	1 485	1 485
Bahamas	1	1	1	1	1	1	1	1	1
Bahrain	4	4	4	4	4	4	4	4	4
Bangladesh	4 187	4 875	5 180	5 500	7 777	7 879	7 944	8 369	8 713
Barbados	5	5	5	5	5	5	5	5	5
Belarus	125	115	57	30	30	30	29	26	26
Belgium	33	22	21	22	24	24	24	24	24
Belize	3	4	4	4	4	4	4	4	4
Benin	11	18	23	37	53	24	24	24	24
Bhutan	27	27	32	33	33	33	33	33	33
Bolivia (Plurinational State of)	226	256	289	392	503	520	542	558	558
Bosnia and Herzegovina	3	3	3	3	3	3	3	3	3
Botswana	1	2	2	3	4	4	3	4	4
Brazil	3 691	4 403	5 400	6 955	8 195	8 445	8 778	9 183	9 183
Brunei Darussalam	1	1	1	1	1	1	1	1	1
Bulgaria	622	112	138	129	594	747	747	747	747
Burkina Faso	25	37	50	54	55	54	54	54	54
Burundi	21	21	21	21	21	21	21	21	21
Cabo Verde	3	4	4	4	4	4	4	4	4
Cambodia	270	270	270	270	270	270	270	270	270
Cameroon	26	27	29	29	29	29	29	29	29
Canada	1 145	1 218	1 218	1 218	1 218	1 218	1 218	1 218	1 218
Central African Republic	0	0	0	0	0	0	0	0	0
Chad	26	30	30	30	30	30	30	30	30
Chile	1 100	1 100	1 110	1 110	1 110	1 109	1 109	1 109	1 109
China	54 201	62 276	66 736	72 440	74 921	74 921	74 921	74 920	74 915
Colombia	900	960	1 050	1 087	1 087	1 087	1 087	1 087	1 087
Comoros	0	0	0	0	0	0	0	0	0

TABLE 5.
AREA EQUIPPED FOR IRRIGATION (THOUSAND HA) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Congo	2	2	2	2	2	2	2	2	2
Costa Rica	103	103	102	137	160	160	160	160	160
Côte d'Ivoire	73	73	73	73	73	73	73	73	73
Croatia	3	12	23	28	42	48	47	47	47
Cuba	807	702	646	639	639	639	639	639	639
Cyprus	41	46	40	39	38	38	38	38	30
Czechia	35	47	32	34	46	36	36	36	43
Democratic People's Republic of Korea	1 460	1 460	1 460	1 460	1 460	1 460	1 460	1 460	1 460
Democratic Republic of the Congo	11	11	11	11	11	11	11	11	11
Denmark	447	449	435	218	354	299	301	307	356
Djibouti	1	1	1	1	1	1	1	1	1
Dominica			0	0	0	0	0	0	0
Dominican Republic	275	290	300	310	310	310	310	310	310
Ecuador	853	1 055	1 500	1 675	1 710	1 710	1 710	1 710	1 710
Egypt	3 291	3 516	3 664	3 782	3 880	3 928	3 987	4 014	4 014
El Salvador	45	45	44	54	46	46	46	46	46
Equatorial Guinea					1	1	1	1	1
Eritrea	21	21	21	21	21	22	22	22	22
Estonia	2	1	1	2	3	2	2	2	2
Eswatini	50	50	50	50	50	50	50	50	50
Ethiopia	290	445	640	858	858	858	858	858	858
Fiji	3	4	4	4	4	4	4	4	4
Finland	88	80	69	70	55	71	71	71	71
France	2 634	2 678	2 727	2 731	2 691	2 867	2 867	2 867	2 867
Gabon	4	4	4	4	4	4	4	4	4
Gambia	2	2	5	5	5	5	5	5	5
Georgia	469	469	469	469	130	134	138	143	143
Germany	485	510	652	680	768	768	780	792	792
Ghana	31	33	34	221	223	223	223	223	223
Greece	1 321	1 594	1 385	1 665	1 934	2 001	2 001	2 001	2 001
Grenada	0	1	2	2	2	2	2	2	2
Guatemala	180	315	331	338	338	338	338	338	338
Guinea	95	95	95	95	95	95	95	95	95
Guinea-Bissau	23	23	23	23	23	23	23	23	23
Guyana	149	147	144	143	143	143	143	143	143
Haiti	95	96	97	97	97	97	97	97	97
Honduras	80	83	90	90	90	90	90	90	90
Hungary	236	153	165	207	190	175	235	227	227
Iceland					0	0	0	0	0
India	60 432	64 646	67 700	70 074	72 504	75 500	75 500	75 500	75 500
Indonesia	5 500	6 722	6 722	6 722	6 722	6 722	6 722	6 722	6 722
Iran (Islamic Republic of)	7 870	8 574	9 273	9 600	9 600	9 600	9 600	9 600	9 600
Iraq	3 525	3 525	3 525	3 525	3 525	3 525	3 525	3 525	3 525
Ireland									

TABLE 5.
AREA EQUIPPED FOR IRRIGATION (THOUSAND HA) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Israel	206	225	225	285	306	306	306	306	306
Italy	3 856	3 973	3 735	4 084	4 792	4 124	4 124	4 124	4 124
Jamaica	26	28	31	46	46	46	46	46	46
Japan	2 641	2 556	2 496	2 446	2 405	2 405	2 405	2 405	2 405
Jordan	77	80	96	104	80	83	90	90	93
Kazakhstan	2 877	2 362	2 185	2 205	2 225	2 225	2 225	2 225	2 225
Kenya	85	115	151	203	246	256	267	277	288
Kiribati									
Kuwait	7	8	14	18	18	18	18	18	18
Kyrgyzstan	1 050	1 021	1 021	1 021	1 021	1 021	1 021	1 021	1 021
Lao People's Democratic Republic	296	300	340	410	441	441	441	441	441
Latvia	1	1	1	1	1	1	1	1	1
Lebanon	104	111	108	97	90	90	90	90	90
Lesotho	3	3	3	3	3	3	3	3	3
Liberia	3	3	3	3	3	3	3	3	3
Libya	470	425	405	400	400	400	400	400	400
Lithuania	7	4	4	4	6	7	7	7	7
Luxembourg									
Madagascar	832	832	832	832	832	832	832	832	832
Malawi	55	73	87	116	141	147	157	157	157
Malaysia	369	375	396	442	442	442	442	442	442
Maldives									
Mali	236	291	350	371	371	371	371	371	371
Malta	2	3	4	4	4	4	4	4	3
Marshall Islands									
Mauritania	45	45	45	45	45	45	45	45	45
Mauritius	20	21	20	19	19	19	19	19	19
Mexico	6 300	6 300	6 480	6 687	7 304	7 305	7 303	7 304	7 304
Micronesia (Federated States of)									
Mongolia	88	91	94	80	88	88	88	88	88
Montenegro			2	2	2	2	2	2	2
Morocco	1 443	1 490	1 515	1 783	1 946	1 946	1 946	1 946	1 967
Mozambique	115	118	118	118	118	118	118	118	148
Myanmar	1 868	2 136	2 329	2 295	2 295	2 295	2 287	2 283	2 350
Namibia	7	8	8	8	8	8	8	8	8
Nauru									
Nepal	1 135	1 193	1 254	1 369	1 369	1 369	1 369	1 369	1 369
Netherlands (Kingdom of the)	498	408	486	515	522	522	522	522	522
New Zealand	285	533	680	737	735	751	751	762	762
Nicaragua	86	140	194	127	92	92	92	92	92
Niger	73	80	93	101	207	267	268	269	269
Nigeria	268	304	324	331	331	331	331	331	331
North Macedonia	55	128	128	128	128	128	128	128	128
Norway	134	118	93	84	84	85	85	85	77

TABLE 5.
AREA EQUIPPED FOR IRRIGATION (THOUSAND HA) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Oman	60	60	65	83	94	107	123	123	123
Pakistan	18 090	18 980	19 680	19 990	19 990	19 990	19 990	19 990	19 990
Palau									
Panama	35	34	32	35	39	41	41	41	41
Papua New Guinea									
Paraguay	67	70	90	140	140	140	140	104	104
Peru	2 012	2 250	2 485	2 580	2 580	2 580	2 580	2 580	2 580
Philippines	1 361	1 413	1 543	1 731	1 972	2 006	2 042	2 112	2 155
Poland	89	124	85	205	519	601	601	601	320
Portugal	792	617	544	549	578	593	607	622	637
Qatar	13	13	16	21	24	24	24	24	25
Republic of Korea	880	867	788	734	707	707	707	707	707
Republic of Moldova	302	228	228	228	222	218	214	215	213
Romania	3 082	3 176	3 154	3 149	3 152	3 166	3 170	3 166	3 177
Russian Federation	4 606	4 553	4 300	4 300	4 300	4 300	4 300	4 300	4 300
Rwanda	9	9	9	9	9	9	9	9	9
Saint Kitts and Nevis	0	0	0	0	0	0	0	0	0
Saint Lucia	3	3	3	3	3	3	3	3	3
Saint Vincent and the Grenadines	1	1	1	1	1	0	0	0	0
Samoa									
San Marino									
Sao Tome and Principe	8	7	6	5	7	7	7	7	7
Saudi Arabia	1 616	1 891	2 525	3 279	3 279	3 279	3 279	3 279	3 279
Senegal	106	120	120	120	120	120	120	120	120
Serbia			88	77	63	63	64	68	61
Seychelles		0	0	0	0	0	0	0	0
Sierra Leone	29	29	29	29	29	29	29	29	29
Singapore									
Slovakia	183	189	109	62	66	57	62	63	56
Slovenia	3	5	8	6	7	7	7	6	7
Solomon Islands									
Somalia	200	200	200	200	200	200	200	200	200
South Africa	1 498	1 518	1 538	1 713	2 087	2 127	2 240	2 240	2 240
South Sudan				25	19	19	19	19	19
Spain	3 735	3 858	3 660	3 923	3 923	3 759	3 759	3 759	3 759
Sri Lanka	570	570	570	630	637	637	637	637	637
Sudan				1 852	1 852	1 852	1 852	1 852	1 852
Suriname	52	52	57	70	67	65	62	53	53
Sweden	137	167	164	156	160	162	162	162	162
Switzerland	38	50	61	54	52	52	52	52	52
Syrian Arab Republic	1 211	1 428	1 341	1 310	1 310	1 310	1 310	1 310	1 310
Tajikistan	719	728	757	817	817	817	817	817	817
Thailand	5 590	6 187	6 415	6 415	6 415	6 415	6 415	6 415	6 415
Timor-Leste	32	35	35	35	35	35	35	35	35

TABLE 5.
AREA EQUIPPED FOR IRRIGATION (THOUSAND HA) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Togo	8	8	8	8	8	8	8	8	8
Tonga									
Trinidad and Tobago	5	7	7	7	7	7	7	7	7
Tunisia	394	418	457	480	441	443	443	443	443
Türkiye	4 745	5 215	5 215	5 215	5 215	6 403	6 853	6 959	7 101
Turkmenistan	1 850	1 990	1 995	1 995	1 995	1 995	1 995	1 995	1 995
Tuvalu									
Uganda	9	10	11	11	11	11	11	11	11
Ukraine	2 408	2 183	2 178	2 166	2 170	2 170	2 170	2 170	2 170
United Arab Emirates	210	227	92	83	92	92	94	94	94
United Kingdom of Great Britain and Northern Ireland	243	228	95	152	208	208	208	208	208
United Republic of Tanzania	160	250	335	364	364	364	364	364	364
United States of America	26 990	18 392	26 955	26 708	26 708	26 708	26 708	24 693	24 693
Uruguay	188	218	230	265	288	298	307	324	307
Uzbekistan	4 200	4 198	4 255	4 312	4 307	4 329	4 337	4 336	4 336
Vanuatu									
Venezuela (Bolivarian Republic of)	580	950	1 055	1 055	1 055	1 055	1 055	1 055	1 055
Viet Nam	3 864	4 412	4 585	4 585	4 280	4 585	4 585	4 585	4 585
Yemen	500	680	680	680	680	680	680	680	680
Zambia	134	156	156	156	156	156	156	156	156
Zimbabwe	157	160	156	175	182	218	218	218	218

Source: FAO. 2025. FAOSTAT: Land Use. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/RL>. Licence: CC-BY-4.0.

TABLE 6.
SHARE OF AREA EQUIPPED FOR IRRIGATION IN CROPLAND AREA (PERCENT)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
World	19.4	20.0	21.2	21.7	22.3	22.6	22.6	22.6	22.6
Africa	5.6	5.7	5.6	5.7	5.7	5.7	5.8	5.7	5.7
Americas	12.9	11.1	14.3	14.6	15.3	15.2	15.3	14.9	15.0
Asia	35.5	38.2	39.8	41.4	42.6	43.4	43.5	43.6	43.7
Europe	8.8	9.0	8.7	9.0	9.8	9.7	9.7	9.7	9.7
Oceania	10.4	10.8	11.5	9.8	9.9	9.9	9.7	9.8	9.9
Afghanistan	41.1	40.5	40.5	40.6	40.1	39.9	39.9	39.9	39.5
Albania	48.6	54.9	47.6	50.8	51.3	52.3	52.5	52.2	52.8
Algeria	7.3	9.9	13.1	16.1	16.2	16.1	16.1	16.0	16.0
Andorra		18.8	19.5	18.5	18.8	0.0	0.0	0.0	0.0
Angola	2.6	2.4	1.9	1.6	1.5	1.5	1.5	1.5	1.5
Antigua and Barbuda	3.4	5.0	6.4	7.6	7.6	7.7	7.7	7.7	7.7
Argentina	5.5	5.2	5.8	5.7	5.6	5.5	5.4	5.3	5.7
Armenia	56.2	52.1	48.3	43.9	41.2	41.5	41.6	41.6	41.6
Australia	10.0	9.5	9.8	8.1	8.2	8.2	8.0	8.0	8.1
Austria	6.4	8.3	8.2	7.5	7.2	8.8	7.2	7.2	7.2
Azerbaijan	69.3	69.4	67.5	66.0	61.6	62.8	62.8	62.8	62.8
Bahamas	11.1	11.1	10.0	9.1	9.1	9.1	9.1	9.1	9.1
Bahrain	67.8	74.5	79.0	86.3	91.0	91.0	91.0	91.0	91.0
Bangladesh	47.6	56.0	60.0	64.2	88.4	89.2	90.1	94.8	99.0
Barbados	31.3	38.6	41.5	60.0	67.5	67.5	67.5	67.5	67.5
Belarus	2.0	2.0	1.0	0.5	0.5	0.5	0.5	0.5	0.5
Belgium	3.7	2.6	2.4	2.6	2.7	2.7	2.7	2.7	2.7
Belize	3.0	3.4	3.3	2.9	2.8	2.7	2.7	2.7	2.7
Benin	0.4	0.6	0.8	1.0	1.3	0.6	0.6	0.6	0.6
Bhutan	15.6	14.5	28.2	29.3	33.0	31.9	30.8	29.9	29.0
Bolivia (Plurinational State of)	6.8	6.4	6.2	7.5	9.1	9.4	9.6	9.6	9.6
Bosnia and Herzegovina	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.7	0.7
Botswana	0.4	0.9	0.9	1.2	1.5	1.5	1.3	1.4	1.4
Brazil	6.7	7.4	8.8	11.0	12.9	13.3	13.8	14.5	14.5
Brunei Darussalam	12.5	11.1	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Bulgaria	16.5	3.3	4.1	3.5	16.4	20.5	20.5	20.7	20.6
Burkina Faso	0.5	0.6	0.8	0.7	0.7	0.7	0.7	0.6	0.6
Burundi	1.6	1.6	1.6	1.4	1.3	1.3	1.3	1.3	1.3
Cabo Verde	6.4	6.9	6.6	6.8	7.0	7.0	7.0	7.0	7.0
Cambodia	7.0	7.0	7.0	6.5	6.1	5.9	5.8	5.8	5.8
Cameroon	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Canada	2.8	3.1	3.2	3.2	3.1	3.2	3.2	3.2	3.2
Central African Republic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chad	0.7	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.6
Chile	52.1	58.4	60.8	55.4	57.4	58.0	54.5	59.8	57.9
China	41.4	46.5	49.3	55.0	58.2	58.3	58.4	58.4	58.4
Colombia	19.8	26.6	31.3	29.7	23.5	23.1	22.7	22.3	21.8
Comoros	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

TABLE 6.
SHARE OF AREA EQUIPPED FOR IRRIGATION IN CROPLAND AREA (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Congo	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
Costa Rica	21.0	21.0	18.9	25.3	29.6	29.3	29.3	29.3	29.3
Côte d'Ivoire	1.1	1.0	1.0	0.7	0.6	0.6	0.6	0.5	0.5
Croatia	0.3	1.3	2.4	3.0	4.7	4.9	5.1	5.1	4.9
Cuba	19.9	17.1	17.0	18.2	17.9	17.9	17.9	17.9	17.9
Cyprus	29.5	27.6	35.8	30.9	30.8	30.4	31.9	31.6	23.7
Czechia	1.1	1.7	1.2	1.3	1.8	1.4	1.4	1.4	1.7
Democratic People's Republic of Korea	58.9	57.5	55.7	56.6	57.4	57.3	57.3	57.4	57.4
Democratic Republic of the Congo	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Denmark	19.5	19.2	17.9	9.2	14.6	12.5	12.6	12.8	14.9
Djibouti	62.5	58.8	43.5	35.7	35.7	26.6	26.6	26.6	26.0
Dominica			0.9	0.9	0.9	0.9	0.9	0.9	0.9
Dominican Republic	20.9	24.7	25.6	24.1	21.4	22.5	22.5	20.9	20.4
Ecuador	28.6	42.0	58.2	65.7	70.4	68.9	69.9	73.1	71.0
Egypt	100.0	99.8	99.8	99.8	98.9	98.9	98.9	98.9	98.9
El Salvador	5.1	5.3	5.1	6.1	5.2	5.2	5.2	5.2	5.2
Equatorial Guinea					1.5	1.5	1.5	1.5	1.5
Eritrea	3.7	3.4	3.0	3.0	3.0	3.1	3.1	3.1	3.1
Estonia	0.2	0.2	0.1	0.3	0.4	0.3	0.3	0.2	0.2
Eswatini	26.2	26.0	25.9	25.8	25.6	25.6	25.6	25.6	25.6
Ethiopia	2.8	3.3	4.1	5.0	4.7	4.6	4.6	4.7	4.7
Fiji	1.5	2.4	2.7	2.8	2.9	2.9	2.9	2.9	2.9
Finland	4.0	3.6	3.1	3.1	2.4	3.2	3.2	3.2	3.2
France	13.5	13.7	14.1	14.0	14.2	15.9	15.9	15.9	16.0
Gabon	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9
Gambia	0.8	0.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Georgia	44.2	80.9	90.2	98.2	30.1	30.6	31.4	32.2	33.1
Germany	4.0	4.2	5.4	5.6	6.5	6.5	6.6	6.7	6.7
Ghana	0.6	0.6	0.5	3.2	3.0	3.0	3.0	3.0	3.0
Greece	34.3	42.2	37.4	50.7	60.1	71.2	70.4	69.1	69.1
Grenada	1.8	6.3	22.2	28.6	28.6	28.6	28.6	28.6	28.6
Guatemala	7.9	14.1	13.4	12.7	12.4	12.4	12.4	12.4	12.4
Guinea	2.8	2.8	2.2	1.7	1.6	1.5	1.4	1.4	1.3
Guinea-Bissau	4.1	4.3	4.1	4.1	3.7	3.6	3.5	3.5	3.5
Guyana	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Haiti	7.9	7.5	6.5	6.2	7.5	7.5	7.4	7.4	7.4
Honduras	5.6	5.7	6.0	5.8	5.7	5.7	5.6	5.6	5.6
Hungary	4.9	3.2	3.6	4.6	4.2	4.2	5.5	5.3	5.3
Iceland					0.0	0.0	0.0	0.0	0.0
India	35.5	38.1	40.0	41.4	43.0	44.9	44.9	44.9	44.9
Indonesia	16.5	18.8	17.3	16.5	15.6	15.5	15.4	15.3	15.2
Iran (Islamic Republic of)	48.3	47.4	54.4	58.3	54.8	54.7	54.6	54.6	54.6
Iraq	78.4	73.8	83.6	66.8	64.7	64.6	64.1	64.5	64.2
Ireland									

TABLE 6.
SHARE OF AREA EQUIPPED FOR IRRIGATION IN CROPLAND AREA (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Israel	48.6	59.1	60.7	72.4	64.0	81.2	81.6	82.6	82.1
Italy	34.2	38.5	38.8	45.1	51.4	43.9	44.1	43.5	43.5
Jamaica	10.4	11.8	16.0	24.4	24.4	24.4	24.4	24.4	24.4
Japan	54.7	54.5	54.3	54.4	54.7	55.0	55.3	55.6	56.0
Jordan	27.7	29.5	37.0	32.9	27.2	29.0	31.9	29.8	32.3
Kazakhstan	9.5	8.2	7.6	7.4	7.5	7.5	7.5	7.5	7.5
Kenya	1.6	2.0	2.5	2.9	3.3	3.5	3.6	3.7	3.9
Kiribati									
Kuwait	58.3	54.3	87.5	100.0	100.0	100.0	100.0	100.0	100.0
Kyrgyzstan	73.8	75.3	75.6	75.4	74.9	74.9	74.9	74.9	74.9
Lao People's Democratic Republic	29.6	24.3	22.6	23.6	27.8	28.8	28.8	27.9	27.4
Latvia	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Lebanon	38.5	39.2	45.0	36.6	33.2	32.8	32.0	32.6	32.8
Lesotho	0.9	0.9	0.9	1.4	1.7	0.8	1.2	1.0	0.7
Liberia	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
Libya	21.9	20.4	19.8	19.5	19.5	19.5	19.5	19.5	19.5
Lithuania	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
Luxembourg									
Madagascar	23.8	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
Malawi	1.9	2.2	2.4	3.0	3.5	3.6	3.8	3.8	3.8
Malaysia	5.6	5.5	5.6	5.3	5.3	5.3	5.3	5.3	5.4
Maldives									
Mali	5.1	5.1	5.4	5.1	4.5	4.4	4.3	4.3	4.3
Malta	22.2	32.3	33.9	41.1	35.2	42.7	44.5	44.5	33.9
Marshall Islands									
Mauritania	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
Mauritius	21.6	23.6	23.8	24.1	24.1	24.1	24.1	24.1	24.1
Mexico	24.8	24.3	25.3	27.0	33.0	28.2	28.2	29.4	29.9
Micronesia (Federated States of)									
Mongolia	7.5	7.7	7.6	6.0	7.9	7.8	7.8	7.7	7.7
Montenegro			1.3	17.0	15.7	16.1	16.4	16.9	16.5
Morocco	15.0	16.6	16.9	19.7	22.6	21.8	21.8	23.3	22.4
Mozambique	2.8	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.5
Myanmar	17.8	19.5	19.1	18.4	18.4	18.4	18.3	18.3	18.8
Namibia	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Nauru									
Nepal	46.1	49.4	53.8	61.9	67.0	68.3	69.2	70.2	70.2
Netherlands (Kingdom of the)	47.1	35.7	45.9	47.7	49.8	50.1	50.2	50.1	50.0
New Zealand	62.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Nicaragua	4.0	6.3	10.5	7.1	5.1	5.1	5.1	5.1	5.1
Niger	0.5	0.6	0.6	0.6	1.2	1.5	1.5	1.5	1.5
Nigeria	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8
North Macedonia	9.2	26.3	28.5	28.3	27.8	28.0	27.9	28.0	28.0
Norway	15.2	13.6	11.2	10.4	10.4	10.6	10.6	10.6	9.6

TABLE 6.
SHARE OF AREA EQUIPPED FOR IRRIGATION IN CROPLAND AREA (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Oman	82.2	92.3	89.5	99.7	86.2	97.0	100.0	100.0	100.0
Pakistan	57.1	61.3	65.1	64.1	63.9	63.1	64.5	64.6	64.5
Palau									
Panama	5.0	4.8	4.2	4.8	5.8	6.1	6.2	6.0	6.1
Papua New Guinea									
Paraguay	2.2	2.0	2.3	3.4	3.2	3.1	3.1	2.2	2.2
Peru	39.3	43.5	47.5	43.8	45.4	41.6	38.4	41.6	41.6
Philippines	14.0	14.3	14.6	15.7	17.7	18.0	18.3	19.0	19.2
Poland	0.6	1.0	0.8	1.8	4.6	5.2	5.2	5.2	2.8
Portugal	31.2	30.0	29.2	30.1	31.1	32.2	33.2	34.6	35.3
Qatar	79.4	88.4	88.4	100.0	100.0	100.0	100.0	100.0	100.0
Republic of Korea	45.9	47.5	46.0	43.7	44.7	45.2	45.7	46.3	46.8
Republic of Moldova	14.0	10.7	10.8	11.6	11.6	10.2	10.0	10.1	10.0
Romania	31.1	33.5	32.8	34.2	33.6	35.6	35.3	36.8	36.1
Russian Federation	3.7	3.7	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Rwanda	0.7	0.6	0.6	0.5	0.6	0.5	0.5	0.5	0.6
Saint Kitts and Nevis	0.3	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.5
Saint Lucia	23.3	30.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4
Saint Vincent and the Grenadines	10.0	10.0	10.0	10.0	10.0	9.6	9.6	9.6	9.6
Samoa									
San Marino									
Sao Tome and Principe	22.9	21.4	19.2	14.4	17.9	17.9	17.5	17.5	17.5
Saudi Arabia	42.5	50.1	67.5	90.7	90.7	90.1	90.1	90.1	90.1
Senegal	3.1	3.8	3.3	3.2	3.2	3.1	3.1	3.1	3.1
Serbia			3.1	2.8	2.3	2.2	2.3	2.4	2.2
Seychelles		6.5	10.8	16.8	16.8	16.8	16.8	16.8	16.8
Sierra Leone	4.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Singapore									
Slovakia	11.6	13.3	7.7	4.6	4.8	4.2	4.6	4.7	4.2
Slovenia	1.5	2.5	3.4	2.5	2.8	2.9	2.8	2.8	2.9
Solomon Islands									
Somalia	18.7	17.8	17.8	17.8	17.7	17.7	17.7	17.7	17.7
South Africa	10.6	11.2	11.9	13.8	16.8	17.1	18.0	18.0	18.0
South Sudan				1.0	0.8	0.8	0.8	0.8	0.7
Spain	20.4	21.6	21.3	22.8	23.4	22.6	22.6	22.4	22.6
Sri Lanka	29.8	27.8	26.2	27.4	26.9	26.9	26.9	26.9	24.8
Sudan				9.1	8.7	8.7	8.7	8.7	8.7
Suriname	76.9	93.6	93.4	98.6	100.0	100.0	100.0	100.0	95.6
Sweden	5.3	6.2	6.3	6.1	6.3	6.4	6.4	6.4	6.4
Switzerland	8.8	11.7	14.3	12.6	12.3	12.2	12.4	12.3	12.3
Syrian Arab Republic	22.6	25.7	23.5	22.9	22.9	22.9	23.5	24.1	24.1
Tajikistan	81.2	83.3	86.0	84.3	78.3	78.5	78.4	75.8	77.9
Thailand	26.5	28.7	29.1	29.1	29.1	28.6	29.3	29.7	29.7
Timor-Leste	17.1	18.9	18.4	18.2	18.1	18.1	18.1	18.1	18.1

TABLE 6.
SHARE OF AREA EQUIPPED FOR IRRIGATION IN CROPLAND AREA (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Togo	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Tonga									
Trinidad and Tobago	8.3	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
Tunisia	7.9	8.5	8.8	9.8	8.9	9.0	9.0	9.0	9.0
Türkiye	18.0	19.6	21.4	21.8	22.6	27.7	29.2	29.1	29.6
Turkmenistan	100.0	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Tuvalu									
Uganda	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Ukraine	7.2	6.6	6.5	6.4	6.4	6.4	6.4	6.4	6.4
United Arab Emirates	85.0	88.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
United Kingdom of Great Britain and Northern Ireland	4.1	4.0	1.6	2.5	3.4	3.5	3.4	3.4	3.4
United Republic of Tanzania	1.6	2.2	2.5	2.5	2.4	2.3	2.3	2.3	2.3
United States of America	15.2	10.9	16.8	16.8	16.9	17.0	17.1	16.0	16.0
Uruguay	13.3	15.2	11.1	10.7	13.5	14.4	14.8	15.1	13.7
Uzbekistan	87.0	89.0	93.9	97.5	97.1	97.5	97.7	97.7	97.1
Vanuatu									
Venezuela (Bolivarian Republic of)	17.1	28.3	32.0	32.0	32.0	32.0	32.0	32.0	32.0
Viet Nam	47.5	46.9	45.3	39.9	36.4	39.1	39.1	39.3	39.4
Yemen	30.0	44.7	43.1	47.5	46.9	46.9	46.9	46.9	46.9
Zambia	4.7	5.7	4.5	4.2	4.1	4.1	4.1	4.1	4.1
Zimbabwe	4.2	4.0	3.9	4.3	4.5	5.4	5.4	5.4	5.4

Source: FAO. 2025. FAOSTAT: Land Use. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/RL>. Licence: CC-BY-4.0.

TABLE 7.
SHARE OF WATER WITHDRAWAL BY AGRICULTURE IN TOTAL WITHDRAWAL (PERCENT)

COUNTRY	2000	2005	2010	2015	2018	2019	2020	2021	2022
World									
Africa									
Americas									
Asia									
Europe									
Oceania									
Afghanistan	98.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
Albania	57.7	43.4	48.7	69.6	68.2	61.2	69.3	70.9	70.9
Algeria	60.7	59.7	59.3	65.8	64.5	65.1	65.7	67.1	67.4
Andorra									
Angola	32.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
Antigua and Barbuda	17.9	15.5	15.6	15.7	15.7	15.7	15.7	15.7	15.7
Argentina	70.7	72.3	73.7	73.9	73.9	73.9	73.9	73.9	73.9
Armenia	66.0	65.8	58.2	81.7	69.3	74.5	70.3	76.0	77.5
Australia	69.4	65.2	53.8	54.2	70.7	66.6	62.3	66.1	66.9
Austria	2.7	2.6	2.3	3.2	3.7	3.9	4.5	5.2	5.2
Azerbaijan	90.0	88.5	92.1	91.1	92.4	92.2	91.8	92.2	92.2
Bahamas									
Bahrain	49.1	41.8	35.8	32.2	33.3	33.3	33.3	33.3	33.3
Bangladesh			87.8	87.8	87.8	87.8	87.8	87.8	87.8
Barbados	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
Belarus	24.1	24.0	30.4	30.0	29.9	27.0	27.6	27.8	27.2
Belgium	0.5	0.6	0.7	1.1	1.3	1.3	1.3	1.0	0.9
Belize	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
Benin	48.3	35.8	28.3	23.4	25.2	25.2	25.2	25.2	25.2
Bhutan			94.1	94.1	94.1	94.1	94.1	94.1	94.1
Bolivia (Plurinational State of)	91.1	91.6	91.4	89.0	87.6	87.1	521.9	533.2	87.1
Bosnia and Herzegovina									
Botswana	41.2	37.9	37.7	36.3	39.0	36.9	37.0	33.4	28.0
Brazil	58.3	55.2	60.0	54.0	58.4	63.1	61.8	61.3	60.8
Brunei Darussalam	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
Bulgaria	19.3	13.6	15.8	14.7	13.3	11.5	13.1	14.1	13.3
Burkina Faso	58.0	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
Burundi	77.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
Cabo Verde		43.7	38.1	36.2	35.6	35.4	38.6	42.5	39.0
Cambodia			94.0	94.0	94.0	94.0	94.0	94.0	94.0
Cameroon	76.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
Canada	8.5	6.4	11.7	7.5	10.7	10.7	10.7	10.7	10.7
Central African Republic	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Chad	77.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
Chile			86.0	90.0	90.9	90.9	90.9	90.9	90.9
China	68.8	64.6	62.5	64.4	61.4	61.2	62.1	62.1	62.1
Colombia	63.5	56.9	77.5	75.4	75.6	75.3	81.3	82.3	82.2
Comoros	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0

TABLE 7.
SHARE OF WATER WITHDRAWAL BY AGRICULTURE IN TOTAL WITHDRAWAL (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2018	2019	2020	2021	2022
Congo	8.8	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
Costa Rica				72.1	68.6	66.0	66.2	60.7	60.7
Côte d'Ivoire	42.6	38.4	44.8	51.6	51.6	51.6	51.6	51.6	51.6
Croatia		1.0	6.9	7.0	7.7	7.6	7.5	7.6	7.5
Cuba	52.1	53.0	59.3	64.9	64.9	64.9	64.9	64.9	64.9
Cyprus	74.4	72.8	73.2	66.3	61.2	60.6	62.5	62.3	61.2
Czechia	0.6	1.2	2.0	3.4	3.1	2.9	2.9	2.7	3.0
Democratic People's Republic of Korea	77.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
Democratic Republic of the Congo	12.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
Denmark	25.9	27.1	33.6	47.7	59.6	53.6	51.5	54.1	54.2
Djibouti	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
Dominica			5.0	5.0	5.0	5.0	5.0	5.0	5.0
Dominican Republic	86.3	82.0	79.9	83.3	83.3	83.3	83.3	83.3	83.3
Ecuador	86.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
Egypt	86.4	86.1	85.9	84.4	79.2	79.2	79.2	79.2	79.2
El Salvador	55.2	67.6	64.4	57.9	49.7	46.1	41.3	49.9	72.8
Equatorial Guinea	5.7	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
Eritrea	70.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
Estonia	2.4	0.8	0.2	0.3	0.3	0.5	0.6	0.5	0.4
Eswatini	96.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
Ethiopia		89.0	90.5	91.6	91.8	91.8	91.8	91.8	91.8
Fiji	61.2	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
Finland	2.1	2.2	9.1	15.5	14.3	28.6	28.6	34.3	35.7
France	14.9	13.9	10.6	11.4	11.1	12.1	13.9	10.3	10.3
Gabon	33.5	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
Gambia	43.3	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
Georgia	72.3	58.2	51.4	32.4	35.5	37.6	42.8	46.6	33.6
Germany	0.7	1.9	1.8	3.2	4.3	4.2	4.2	4.2	4.2
Ghana	66.4	70.0	72.9	72.6	73.1	73.1	73.1	73.1	73.1
Greece	89.2	90.1	86.0	83.6	80.1	80.1	80.1	80.4	80.5
Grenada		21.5	17.3	14.9	14.9	14.9	14.9	14.9	14.9
Guatemala		57.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7
Guinea	55.0	56.5	61.6	65.5	67.4	67.4	67.4	67.4	67.4
Guinea-Bissau	82.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
Guyana	97.6	94.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3
Haiti	88.1	85.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
Honduras		73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
Hungary	12.1	5.6	6.0	12.7	10.8	11.2	11.2	11.4	11.0
Iceland	42.9	32.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
India	91.5	90.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4
Indonesia	81.9	76.5	81.5	84.8	85.2	85.2	85.2	85.2	85.2
Iran (Islamic Republic of)	93.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
Iraq	78.8	82.0	86.4	91.5	91.5	78.1	72.6	73.5	73.5
Ireland	14.2	14.1	9.0	4.9	2.3	2.3	2.5	2.5	2.4

TABLE 7.
SHARE OF WATER WITHDRAWAL BY AGRICULTURE IN TOTAL WITHDRAWAL (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2018	2019	2020	2021	2022
Israel	59.1	57.3	57.3	52.6	51.7	51.4	49.8	49.1	46.6
Italy	44.1	40.5	44.1	49.7	50.1	50.1	50.2	50.3	50.2
Jamaica	64.9	57.0	30.7	16.4	12.0	15.4	21.4	17.1	17.1
Japan	63.3	65.9	66.9	67.4	67.6	68.0	66.8	66.7	66.7
Jordan	66.2	65.0	56.1	51.0	52.2	51.6	51.6	51.6	51.6
Kazakhstan	66.7	71.3	59.1	61.1	63.6	66.8	62.1	59.6	56.7
Kenya	64.7	69.7	59.3	59.3	80.2	80.2	80.2	80.2	80.2
Kiribati									
Kuwait	53.6	53.2	56.5	59.3	62.3	62.3	62.3	62.3	62.3
Kyrgyzstan	93.8	93.2	92.8	92.7	92.7	92.7	92.7	92.7	92.7
Lao People's Democratic Republic		91.4	94.8	96.2	95.9	95.9	95.9	95.9	95.9
Latvia	16.0	21.9	18.4	27.8	29.9	29.7	30.5	28.7	29.1
Lebanon	64.2	59.5	47.0	38.0	38.0	38.0	38.0	38.0	38.0
Lesotho	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
Liberia	9.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
Libya	82.8	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.2
Lithuania	0.7	3.4	6.8	15.6	22.5	18.3	15.1	16.7	19.6
Luxembourg	0.3	0.3	0.2	1.6	1.0	1.2	0.0	0.8	1.0
Madagascar	97.2	96.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
Malawi	87.1	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
Malaysia	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
Maldives	0.0	0.0	0.3	1.0	1.4	1.5	3.0	4.5	4.5
Mali	98.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
Malta	31.4	34.2	48.6	41.1	39.7	36.5	38.0	36.8	34.5
Marshall Islands									
Mauritania	93.7	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
Mauritius	74.8	67.4	62.4	56.0	51.0	50.3	50.2	49.8	47.9
Mexico	84.7	76.7	76.7	76.3	75.7	75.7	75.7	75.7	76.3
Micronesia (Federated States of)									
Mongolia	46.2	42.2	46.3	61.6	54.3	54.3	54.3	54.3	54.3
Montenegro			0.3	0.3	0.3	0.3	0.3	0.3	0.3
Morocco	87.3	78.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8
Mozambique	77.7	73.4	73.2	73.0	73.0	73.0	73.0	73.0	73.0
Myanmar	89.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
Namibia	71.0	70.6	71.4	72.2	72.7	72.9	138.7	155.8	71.5
Nauru									
Nepal	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
Netherlands (Kingdom of the)	1.0	0.6	1.1	1.3	3.7	3.0	3.7	1.1	3.2
New Zealand	65.9	58.2	61.7	65.5	65.7	65.6	64.8	64.9	64.9
Nicaragua	82.5	78.3	78.3	81.8	84.2	85.1	85.0	85.0	85.0
Niger	67.3	66.7	87.5	88.5	90.9	91.0	91.0	91.0	91.0
Nigeria	53.5	47.6	44.2	44.2	44.2	44.2	44.2	44.2	44.2
North Macedonia	55.3	22.1	48.5	31.3	6.3	8.7	9.7	8.9	6.4
Norway	32.0	26.7	30.1	31.1	31.4	31.4	31.5	32.0	31.4

TABLE 7.
SHARE OF WATER WITHDRAWAL BY AGRICULTURE IN TOTAL WITHDRAWAL (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2018	2019	2020	2021	2022
Oman	90.4	87.7	86.4	82.6	82.6	80.8	80.8	80.8	80.8
Pakistan	94.3	94.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0
Palau									
Panama			43.0	35.7	36.8	36.8	36.8	36.8	36.8
Papua New Guinea	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Paraguay	71.4	75.1	76.9	78.6	78.6	78.6	78.6	78.6	78.6
Peru			87.5	86.2	85.8	85.1	85.1	81.0	81.5
Philippines			81.5	78.6	73.8	78.9	77.6	76.2	74.6
Poland	8.6	9.5	10.6	9.4	13.8	13.9	14.6	13.9	13.0
Portugal	76.9	71.5	67.0	59.8	57.0	55.6	55.4	55.4	55.4
Qatar	71.5	59.0	40.8	28.3	41.4	35.8	35.6	36.3	33.3
Republic of Korea	61.9	54.7	57.9	59.2	58.9	58.9	58.9	58.9	58.9
Republic of Moldova	17.0	8.3	4.2	5.2	5.1	5.2	6.9	6.9	6.9
Romania	9.7	8.1	11.9	20.0	22.2	23.1	30.8	31.5	36.3
Russian Federation	20.1	19.9	19.9	28.0	28.8	28.8	28.8	28.8	28.8
Rwanda	68.0	67.5	63.2	61.1	60.2	59.0	60.0	59.2	60.1
Saint Kitts and Nevis				1.3	1.3	1.3	1.3	1.3	1.3
Saint Lucia			70.9	70.9	70.9	70.9	70.9	70.9	70.9
Saint Vincent and the Grenadines	59.6	38.3	15.1	0.0	0.0	0.0	0.0	0.0	0.0
Samoa									
San Marino									
Sao Tome and Principe					62.6	62.6	62.6	62.6	62.6
Saudi Arabia	87.7	88.1	85.4	83.9	81.6	81.6	81.6	81.6	81.6
Senegal	89.9	92.1	90.7	89.5	91.1	91.3	91.3	91.3	91.3
Serbia			14.7	15.4	12.8	12.6	8.5	8.5	8.3
Seychelles	7.0	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
Sierra Leone	24.2	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
Singapore	1.0	0.9	1.6	4.0	4.0	4.0	4.0	2.6	0.0
Slovakia	7.8	2.6	3.1	5.5	4.6	5.2	5.3	5.4	5.8
Slovenia		0.2	0.2	0.4	0.3	0.3	0.3	0.3	0.4
Solomon Islands									
Somalia	99.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
South Africa	61.3	61.8	62.3	60.8	57.8	60.8	62.5	61.3	59.4
South Sudan				36.5	36.5	36.5	36.5	36.5	36.5
Spain	64.8	64.4	66.3	65.7	65.3	65.3	65.3	65.3	65.3
Sri Lanka	92.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
Sudan				96.2	96.2	96.2	96.2	96.2	96.2
Suriname	92.5	74.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
Sweden	5.6	4.1	3.6	3.2	4.2	4.5	4.1	4.9	4.9
Switzerland	2.0	4.1	6.7	9.2	9.1	9.3	9.2	9.3	9.2
Syrian Arab Republic	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
Tajikistan	67.9	91.1	91.0	88.0	75.5	69.6	74.5	74.5	74.5
Thailand			90.4	90.4	90.4	90.4	90.4	90.4	90.4
Timor-Leste		91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4

TABLE 7.
SHARE OF WATER WITHDRAWAL BY AGRICULTURE IN TOTAL WITHDRAWAL (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2018	2019	2020	2021	2022
Togo	47.2	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
Tonga									
Trinidad and Tobago	5.4	4.3	4.4	4.4	4.4	4.4	4.4	4.4	4.4
Tunisia	82.0	81.1	80.2	79.3	76.3	76.4	75.5	75.5	75.5
Türkiye	80.0	83.3	85.7	86.7	87.1	87.3	86.9	100.0	86.9
Turkmenistan	96.5	94.3	94.3	94.3	94.3	59.0	61.4	92.7	92.7
Tuvalu									
Uganda	36.4	38.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7
Ukraine	30.0	30.0	30.0	31.1	41.6	39.6	30.0	29.0	21.1
United Arab Emirates	78.5	82.8	65.0	50.5	47.8	47.3	46.5	45.7	51.2
United Kingdom of Great Britain and Northern Ireland	12.0	14.0	14.8	15.4	14.0	14.0	14.0	14.0	14.0
United Republic of Tanzania	87.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
United States of America	35.1	34.1	36.1	39.7	39.7	39.7	39.7	39.7	39.7
Uruguay	86.6	84.1	81.7	79.6	78.4	78.0	77.6	78.0	77.2
Uzbekistan	90.9	90.0	90.8	92.1	92.3	92.3	92.0	90.8	92.1
Vanuatu									
Venezuela (Bolivarian Republic of)	43.8	68.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9
Viet Nam	94.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
Yemen	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
Zambia	74.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
Zimbabwe	78.9	80.7	81.0	79.0	80.6	84.8	87.2	87.2	87.2

Source: FAO. 2025. AQUASTAT: AQUASTAT Dissemination System. [Accessed on 28 October 2025].
<https://data.apps.fao.org/aquastat/?lang=en>. Licence: CC-BY-4.0.

TABLE 8.
EMPLOYMENT IN AGRICULTURE, FORESTRY AND FISHING (THOUSAND PEOPLE)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
World	1 034 025	1 029 404	979 232	903 466	873 270	877 256	894 021	899 187	915 723
Africa	170 690	190 029	201 769	213 477	225 111	227 800	234 862	239 420	245 918
Americas	42 737	45 365	43 027	42 171	43 623	42 494	43 757	43 197	42 010
Asia	785 733	764 878	709 750	625 309	583 718	586 431	594 924	596 519	608 305
Europe	33 321	27 662	23 284	20 908	18 932	18 544	18 422	17 929	17 342
Oceania	1 543	1 471	1 402	1 602	1 887	1 988	2 056	2 122	2 148
Afghanistan	2 832	3 224	3 434	3 455	3 679	3 678	3 714	3 375	3 467
Albania	550	512	458	445	461	438	442	449	442
Algeria	1 419	1 689	1 234	946	1 080	1 023	1 048	1 088	1 086
Andorra									
Angola	2 140	2 611	4 011	5 568	5 947	6 304	6 937	7 153	7 414
Antigua and Barbuda									
Argentina	1 936	1 885	1 743	1 577	1 608	1 473	1 657	1 714	1 712
Armenia	678	671	611	614	593	618	651	653	666
Australia	437	357	359	313	332	353	330	300	300
Austria	222	200	220	190	162	169	163	159	141
Azerbaijan	1 582	1 562	1 560	1 639	1 719	1 747	1 648	1 717	1 705
Bahamas	7	6	6	7	6	6	6	6	6
Bahrain	5	6	7	8	8	8	8	8	8
Bangladesh	28 853	24 877	26 875	25 774	25 440	25 283	25 697	25 400	25 559
Barbados	5	3	4	4	4	4	4	4	4
Belarus	799	706	601	491	533	519	515	475	464
Belgium	79	86	61	54	45	44	46	45	55
Belize	20	18	22	26	29	28	26	26	27
Benin	1 472	1 626	1 765	1 674	1 594	1 629	1 684	1 692	1 708
Bhutan	175	193	187	193	191	190	197	159	170
Bolivia (Plurinational State of)	1 421	1 553	1 411	1 441	1 570	1 641	1 686	1 572	1 583
Bosnia and Herzegovina	251	247	236	196	215	149	204	200	214
Botswana	102	150	155	136	118	151	140	144	158
Brazil	11 008	12 713	10 129	8 586	8 307	8 038	8 583	8 449	8 031
Brunei Darussalam	2	2	2	3	4	3	3	3	3
Bulgaria	373	268	211	209	214	207	194	204	179
Burkina Faso	2 414	2 430	2 407	2 277	1 986	1 945	1 928	1 809	1 867
Burundi	2 464	2 830	3 511	3 961	4 361	4 439	4 636	4 809	4 974
Cabo Verde	39	37	37	30	20	19	19	20	19
Cambodia	4 200	4 164	4 458	3 581	3 715	3 492	3 455	3 501	3 499
Cameroon	4 151	4 628	4 446	4 167	4 204	4 219	4 269	4 451	4 538
Canada	382	352	311	304	303	288	267	265	262
Central African Republic	1 102	1 226	1 222	1 203	1 244	1 249	1 263	1 265	1 280
Chad	2 446	2 672	2 950	3 243	3 590	3 658	3 810	4 040	4 252
Chile	820	786	752	690	706	570	545	561	564
China	344 139	324 928	274 557	213 854	185 731	173 661	176 720	168 634	166 873
Colombia	2 880	3 463	3 589	3 547	3 614	3 521	3 554	3 390	3 458
Comoros	66	70	72	72	81	83	85	88	89

TABLE 8.
EMPLOYMENT IN AGRICULTURE, FORESTRY AND FISHING (THOUSAND PEOPLE) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Congo	435	474	517	515	549	546	564	589	601
Costa Rica	252	269	232	309	346	334	321	298	288
Côte d'Ivoire	3 146	3 409	3 755	4 144	4 719	4 895	5 143	5 305	5 400
Croatia	261	289	241	145	101	103	110	97	77
Cuba	1 014	974	924	943	891	846	843	839	823
Cyprus	23	24	21	22	16	18	19	17	17
Czechia	250	184	150	147	139	134	130	141	147
Democratic People's Republic of Korea	7 882	7 923	8 042	8 051	8 027	7 927	7 939	8 030	7 995
Democratic Republic of the Congo	14 281	16 105	15 951	16 237	17 800	17 518	18 709	19 216	19 616
Denmark	100	88	68	68	64	61	60	64	61
Djibouti	3	3	3	2	2	2	2	2	2
Dominica									
Dominican Republic	474	446	453	411	421	404	377	380	371
Ecuador	1 391	1 812	1 735	1 913	2 401	2 312	2 620	2 618	2 517
Egypt	5 746	6 718	7 511	6 925	5 863	5 676	5 689	5 683	5 740
El Salvador	463	439	488	451	427	391	390	408	408
Equatorial Guinea	138	171	214	274	324	315	326	348	358
Eritrea	625	749	829	861	870	879	907	936	956
Estonia	37	32	24	26	22	20	18	18	18
Eswatini	45	42	39	38	36	35	35	35	35
Ethiopia	21 384	25 736	28 893	31 134	30 915	30 361	30 462	31 347	31 863
Fiji	63	92	113	110	104	105	105	104	103
Finland	144	118	109	103	97	93	106	100	96
France	1 019	946	789	746	704	656	723	757	734
Gabon	121	136	151	168	176	167	172	185	188
Gambia	141	153	165	192	202	205	209	211	207
Georgia	1 002	974	797	773	638	689	656	671	670
Germany	972	863	634	570	516	512	523	530	517
Ghana	4 024	5 019	4 383	4 000	4 887	4 810	4 792	4 626	4 689
Greece	694	496	521	444	432	398	444	454	468
Grenada									
Guatemala	1 603	1 597	1 721	1 913	2 020	1 931	1 941	1 904	1 929
Guinea	2 039	2 079	2 166	2 238	2 239	2 268	2 343	2 398	2 443
Guinea-Bissau	259	285	312	343	364	370	382	392	400
Guyana	61	55	54	48	39	29	31	31	29
Haiti	1 479	1 526	1 703	1 844	1 913	1 900	1 942	1 962	1 985
Honduras	838	857	1 121	1 039	1 270	929	1 032	1 055	893
Hungary	262	201	179	216	223	222	207	209	213
Iceland	14	11	10	8	9	8	9	9	8
India	225 690	231 352	220 450	204 476	201 953	219 212	227 113	232 080	245 588
Indonesia	43 083	42 720	43 655	40 166	38 057	38 896	37 823	39 477	39 319
Iran (Islamic Republic of)	3 905	4 491	3 923	4 033	4 420	4 178	3 907	3 703	3 689
Iraq	771	847	794	824	762	750	764	792	815
Ireland	146	123	111	110	103	103	108	101	106

TABLE 8.
EMPLOYMENT IN AGRICULTURE, FORESTRY AND FISHING (THOUSAND PEOPLE) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Israel	53	53	49	37	36	35	31	32	32
Italy	1 095	952	857	840	908	912	927	892	864
Jamaica	226	206	199	227	216	217	222	220	218
Japan	3 195	2 751	2 473	2 230	2 195	2 101	2 041	2 080	2 023
Jordan	46	48	57	70	78	78	76	80	80
Kazakhstan	2 511	2 484	2 391	1 628	1 293	1 257	1 244	1 191	1 180
Kenya	5 277	6 002	6 640	7 154	6 660	6 749	6 941	6 978	7 062
Kiribati									
Kuwait	21	30	37	47	51	47	47	53	56
Kyrgyzstan	1 242	965	910	785	652	694	716	720	714
Lao People's Democratic Republic	1 532	1 627	1 740	1 705	1 923	2 045	2 187	2 369	2 417
Latvia	140	118	73	72	67	65	60	61	61
Lebanon	73	70	65	78	65	58	60	59	59
Lesotho	340	274	230	216	202	202	204	212	213
Liberia	652	734	824	845	879	887	914	940	955
Libya	176	178	184	175	176	178	182	179	180
Lithuania	273	203	108	121	89	77	73	77	72
Luxembourg	5	3	3	3	2	2	4	3	3
Madagascar	5 763	7 252	7 538	9 307	10 004	10 087	10 371	10 566	10 784
Malawi	3 429	3 830	3 840	4 002	4 284	4 472	4 546	4 726	4 884
Malaysia	1 401	1 551	1 642	1 824	1 644	1 686	1 691	1 691	1 695
Maldives	13	18	16	15	19	19	20	20	20
Mali	2 874	3 206	4 056	4 189	4 838	4 951	5 319	5 653	5 797
Malta	3	3	2	3	3	3	2	2	3
Marshall Islands									
Mauritania	275	278	283	279	313	319	328	338	343
Mauritius	55	51	48	44	33	29	28	31	30
Mexico	6 539	6 517	6 679	7 049	7 128	6 663	7 265	7 164	6 997
Micronesia (Federated States of)									
Mongolia	436	418	359	339	355	322	335	348	349
Montenegro	17	15	11	17	17	15	13	13	13
Morocco	3 825	4 278	4 150	3 882	3 558	3 384	3 427	3 228	3 324
Mozambique	6 830	7 269	7 571	7 938	8 761	8 938	9 194	9 594	9 838
Myanmar	12 810	12 632	12 313	12 464	11 778	10 929	9 749	9 831	9 890
Namibia	144	157	188	177	175	175	180	186	191
Nauru									
Nepal	3 944	4 301	4 330	4 336	4 350	4 313	4 484	4 611	4 608
Netherlands (Kingdom of the)	283	315	268	205	198	197	215	188	191
New Zealand	158	150	149	146	158	165	170	172	163
Nicaragua	557	572	655	807	787	791	813	820	834
Niger	3 756	4 283	5 100	5 415	6 110	6 296	6 537	6 820	7 101
Nigeria	28 001	28 940	30 040	31 537	35 371	35 714	35 947	35 352	36 642
North Macedonia	139	101	107	115	92	78	74	66	64
Norway	98	78	65	54	57	59	66	63	73

TABLE 8.
EMPLOYMENT IN AGRICULTURE, FORESTRY AND FISHING (THOUSAND PEOPLE) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Oman	50	71	59	114	114	113	130	142	152
Pakistan	19 903	22 203	26 568	27 378	26 880	26 835	27 386	27 633	27 972
Palau									
Panama	204	219	273	263	287	252	284	305	298
Papua New Guinea	722	685	582	814	1 068	1 141	1 222	1 315	1 348
Paraguay	634	748	641	617	583	645	623	551	558
Peru	4 151	4 588	4 408	4 373	4 595	5 267	4 720	4 629	4 241
Philippines	10 591	11 496	12 119	12 160	10 116	10 270	10 504	11 006	11 011
Poland	2 764	2 504	2 132	1 971	1 639	1 713	1 524	1 527	1 433
Portugal	637	608	549	342	271	259	131	138	147
Qatar	10	15	19	22	32	28	27	37	38
Republic of Korea	2 362	1 805	1 548	1 389	1 414	1 465	1 474	1 544	1 534
Republic of Moldova	903	818	1 006	1 104	994	974	983	966	873
Romania	3 850	2 712	2 503	2 052	1 740	1 648	1 509	1 458	1 403
Russian Federation	9 558	7 035	5 490	4 801	4 150	4 192	4 148	4 141	4 086
Rwanda	2 166	2 381	2 549	2 331	1 891	2 202	2 259	2 384	2 657
Saint Kitts and Nevis									
Saint Lucia	12	9	9	8	8	5	8	9	9
Saint Vincent and the Grenadines	7	6	5	5	4	4	4	4	4
Samoa	24	22	19	18	17	17	17	17	17
San Marino									
Sao Tome and Principe	4	4	3	3	3	3	3	3	3
Saudi Arabia	337	423	567	751	453	422	370	421	438
Senegal	1 354	1 299	1 361	1 116	1 095	1 122	1 152	1 155	1 173
Serbia	827	633	567	503	452	419	592	598	584
Seychelles									
Sierra Leone	1 072	1 324	1 323	1 241	1 076	1 090	1 119	1 146	1 166
Singapore	18	23	14	8	5	4	4	3	3
Slovakia	140	106	74	75	72	65	82	67	64
Slovenia	86	85	84	64	42	39	40	43	41
Solomon Islands	70	89	105	131	144	147	151	154	156
Somalia	486	550	587	594	629	645	667	683	699
South Africa	2 969	2 832	2 488	2 711	2 954	3 666	3 534	3 363	3 490
South Sudan	1 403	1 697	2 169	2 413	2 274	2 319	2 401	2 499	2 640
Spain	1 066	1 029	796	748	810	777	817	790	763
Sri Lanka	2 745	2 482	2 445	2 404	2 158	2 242	2 257	2 220	2 194
Sudan	3 337	3 446	3 695	3 711	3 861	3 852	3 906	4 027	
Suriname	9	14	14	15	18	17	17	17	17
Sweden	123	101	95	98	86	87	99	97	93
Switzerland	180	148	151	155	121	119	112	110	93
Syrian Arab Republic	1 464	1 071	827	606	676	698	731	776	816
Tajikistan	952	1 009	952	999	988	988	1 011	1 021	1 028
Thailand	17 668	16 246	14 915	12 861	12 491	12 496	12 742	12 282	12 173
Timor-Leste	167	202	212	238	224	221	211	221	218

TABLE 8.
EMPLOYMENT IN AGRICULTURE, FORESTRY AND FISHING (THOUSAND PEOPLE) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Togo	947	1 034	890	931	899	914	937	955	967
Tonga	12	12	12	11	11	10	9	9	9
Trinidad and Tobago	39	28	26	24	21	21	20	20	20
Tunisia	571	564	604	510	502	471	462	440	460
Türkiye	7 676	5 328	5 541	5 720	5 439	5 001	5 214	5 042	4 825
Turkmenistan	505	564	579	539	505	498	505	515	512
Tuvalu									
Uganda	6 996	7 999	8 723	10 292	10 715	11 802	12 932	13 763	14 126
Ukraine	4 533	4 320	3 362	3 034	2 736	2 666	2 614		
United Arab Emirates	171	171	152	114	136	106	87	87	91
United Kingdom of Great Britain and Northern Ireland	426	400	358	359	347	342	336	336	332
United Republic of Tanzania	13 210	13 771	14 442	16 025	17 935	17 755	19 175	19 748	20 348
United States of America	3 191	2 462	2 502	2 769	2 796	2 738	2 694	2 706	2 658
Uruguay	146	137	178	141	131	120	135	139	141
Uzbekistan	2 185	2 042	1 900	1 874	1 839	1 786	1 850	1 835	1 831
Vanuatu	50	57	58	54	49	46	46	47	48
Venezuela (Bolivarian Republic of)	946	1 079	1 024	805	1 160	1 094	1 111	1 118	1 112
Viet Nam	24 764	23 393	24 228	23 602	19 170	17 607	15 669	18 605	18 427
Yemen	1 984	1 335	1 262	1 425	1 626	1 659	1 689	1 753	1 807
Zambia	1 747	2 030	2 318	2 677	3 360	3 652	3 687	3 640	3 729
Zimbabwe	2 801	3 281	3 188	3 370	3 337	3 121	2 913	2 934	2 987

Source: FAO. 2025. FAOSTAT: Employment Indicators: Agriculture and agrifood systems. [Accessed on 28 October 2025].

<https://www.fao.org/faostat/en/#data/OEA>. Licence: CC-BY-4.0.

TABLE 9.
SHARE OF AGRICULTURE, FORESTRY AND FISHING EMPLOYMENT IN TOTAL EMPLOYMENT (PERCENT)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
World	39.8	36.5	32.7	28.4	26.2	26.9	26.6	26.1	26.1
Africa	57.2	55.2	51.6	48.4	46.7	47.0	46.8	45.9	45.5
Americas	11.9	11.6	10.4	9.5	9.3	9.7	9.5	9.0	8.6
Asia	48.5	43.9	38.5	32.3	29.0	29.6	29.3	28.8	28.8
Europe	10.7	8.6	7.1	6.2	5.5	5.4	5.4	5.1	5.0
Oceania	11.0	9.5	8.4	8.8	9.4	10.0	10.0	10.0	9.9
Afghanistan	65.7	61.7	54.6	44.3	45.1	46.0	46.0	45.6	45.5
Albania	50.5	47.3	42.1	41.3	36.4	36.3	36.0	35.4	34.9
Algeria	22.3	19.6	12.0	8.8	9.7	9.9	9.8	9.5	9.3
Andorra									
Angola	37.7	38.2	48.7	56.8	53.4	55.1	56.7	56.3	56.2
Antigua and Barbuda									
Argentina	13.7	12.1	10.2	8.8	8.7	8.6	8.6	8.5	8.3
Armenia	53.6	52.5	52.2	52.0	49.6	52.4	53.1	52.5	52.3
Australia	4.9	3.6	3.2	2.6	2.6	2.8	2.5	2.2	2.1
Austria	6.0	5.3	5.4	4.5	3.7	3.9	3.7	3.5	3.1
Azerbaijan	41.0	39.3	38.2	36.4	35.9	35.9	35.9	35.8	35.5
Bahamas	4.1	3.5	3.3	3.4	3.1	3.0	3.0	3.0	2.9
Bahrain	1.6	1.3	1.1	1.1	0.9	0.9	0.9	0.9	0.9
Bangladesh	60.9	48.1	47.3	43.5	38.5	38.0	37.3	35.7	35.3
Barbados	3.7	2.4	3.0	2.9	2.8	2.8	2.8	2.7	2.6
Belarus	18.9	15.6	12.6	10.2	11.1	10.9	10.9	10.1	10.0
Belgium	1.9	2.0	1.4	1.2	0.9	0.9	0.9	0.9	1.1
Belize	26.2	19.6	18.5	18.1	16.9	17.3	16.4	15.9	15.6
Benin	52.5	48.9	45.1	36.1	29.6	29.5	29.2	28.5	28.0
Bhutan	69.5	65.0	57.2	58.0	51.1	49.9	49.9	44.0	43.8
Bolivia (Plurinational State of)	38.9	38.6	31.7	29.7	27.4	30.0	27.6	24.8	24.4
Bosnia and Herzegovina	19.5	20.2	19.7	17.9	18.0	12.7	17.5	16.9	17.6
Botswana	20.0	26.5	23.6	18.6	14.9	19.4	17.6	17.6	18.0
Brazil	15.4	15.5	11.5	9.3	8.9	9.3	9.5	8.7	8.2
Brunei Darussalam	1.4	1.4	1.4	1.4	2.0	1.3	1.4	1.5	1.5
Bulgaria	13.2	8.9	6.8	6.9	6.6	6.6	6.3	6.4	5.7
Burkina Faso	50.1	45.3	41.0	36.7	33.0	33.1	32.9	31.4	31.4
Burundi	91.9	90.6	88.4	86.4	85.6	85.3	85.4	85.2	85.1
Cabo Verde	29.6	24.6	20.2	15.8	10.6	10.7	10.6	10.2	9.9
Cambodia	73.5	62.1	54.8	42.5	39.9	36.9	37.1	36.7	36.0
Cameroon	66.6	62.0	54.9	46.9	44.3	44.2	43.8	43.9	43.4
Canada	2.5	2.1	1.8	1.6	1.5	1.6	1.4	1.3	1.3
Central African Republic	76.6	75.7	73.0	73.1	70.9	71.0	70.9	70.6	70.5
Chad	81.8	75.9	73.5	70.6	70.0	69.9	69.8	69.5	69.1
Chile	14.4	12.5	10.1	8.2	7.8	7.2	6.5	6.3	6.2
China	49.1	44.0	36.1	27.8	24.3	23.2	23.0	22.4	21.9
Colombia	20.3	20.3	18.5	16.3	16.1	16.7	15.9	14.7	14.4
Comoros	58.1	54.1	45.5	38.0	35.8	35.7	35.2	34.9	34.4

TABLE 9.
SHARE OF AGRICULTURE, FORESTRY AND FISHING EMPLOYMENT IN TOTAL EMPLOYMENT (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Congo	43.8	40.0	35.6	31.9	31.0	31.3	31.2	30.6	30.2
Costa Rica	16.6	15.2	12.4	14.4	15.3	16.5	15.2	13.4	13.4
Côte d'Ivoire	52.9	50.8	47.7	43.6	45.9	46.2	46.2	45.7	45.2
Croatia	16.5	17.3	14.3	9.2	6.2	6.5	6.8	5.9	4.7
Cuba	22.7	20.2	18.6	18.7	17.7	17.9	17.8	17.3	17.1
Cyprus	5.4	4.7	3.8	4.0	2.4	2.7	2.9	2.4	2.4
Czechia	5.3	3.8	3.1	2.9	2.7	2.6	2.5	2.7	2.7
Democratic People's Republic of Korea	56.2	53.7	51.5	49.3	47.8	47.8	47.6	47.2	46.8
Democratic Republic of the Congo	74.2	71.9	66.2	58.8	56.3	56.3	56.2	55.6	55.1
Denmark	3.7	3.2	2.5	2.5	2.2	2.1	2.0	2.1	2.0
Djibouti	2.4	2.1	1.7	1.4	1.2	1.2	1.2	1.2	1.1
Dominica									
Dominican Republic	15.6	13.7	12.4	9.7	8.8	9.0	8.0	7.8	7.4
Ecuador	28.1	30.5	27.9	26.2	29.7	31.8	32.3	31.5	30.0
Egypt	29.6	30.9	28.3	25.8	21.2	20.4	19.3	18.9	18.7
El Salvador	21.6	20.0	20.8	18.1	16.3	15.8	14.9	15.0	14.8
Equatorial Guinea	60.0	54.8	53.5	54.4	55.8	56.1	56.1	55.7	55.9
Eritrea	66.8	65.6	65.4	64.2	61.7	61.9	61.8	61.3	60.9
Estonia	6.4	5.2	4.2	4.0	3.3	3.1	2.7	2.6	2.6
Eswatini	19.0	17.0	15.1	13.5	13.5	13.9	14.0	14.0	13.8
Ethiopia	76.6	78.1	73.8	69.0	65.1	64.4	63.5	63.1	62.4
Fiji	20.2	28.2	30.2	30.5	29.2	29.5	29.2	28.6	28.1
Finland	6.2	4.8	4.4	4.2	3.8	3.7	4.1	3.8	3.6
France	4.1	3.6	2.9	2.7	2.5	2.4	2.5	2.6	2.5
Gabon	40.5	38.2	36.0	32.3	30.0	30.2	30.0	29.4	29.2
Gambia	42.3	39.4	35.9	34.3	31.3	31.3	31.0	30.3	29.1
Georgia	52.2	54.3	48.1	44.0	38.1	41.1	41.0	40.3	39.9
Germany	2.6	2.4	1.6	1.4	1.2	1.2	1.2	1.2	1.2
Ghana	53.1	54.6	42.0	35.2	39.2	38.5	37.7	35.8	35.4
Greece	16.8	11.3	11.9	12.5	11.2	10.3	11.4	11.2	11.5
Grenada									
Guatemala	39.8	34.7	33.5	31.9	31.1	30.4	29.2	27.1	26.7
Guinea	71.7	69.2	66.9	63.6	59.4	59.6	59.3	58.8	58.2
Guinea-Bissau	61.3	59.6	56.9	54.3	51.1	51.2	51.1	50.5	50.0
Guyana	25.0	22.3	21.4	18.9	15.3	12.1	12.5	11.9	11.3
Haiti	52.1	50.1	49.0	46.9	45.4	45.5	45.4	44.9	44.7
Honduras	36.2	33.1	36.5	28.7	31.1	25.2	25.7	25.2	22.6
Hungary	6.5	4.9	4.5	4.9	4.7	4.8	4.4	4.4	4.4
Iceland	8.7	6.5	5.6	4.2	4.0	4.0	4.1	4.1	3.7
India	59.6	55.0	51.1	44.2	40.7	44.7	44.1	42.9	43.5
Indonesia	45.3	44.0	39.1	33.0	28.7	29.6	29.0	29.3	28.8
Iran (Islamic Republic of)	22.7	20.8	18.1	17.1	17.0	16.7	15.5	14.5	14.3
Iraq	14.5	13.6	11.5	9.6	8.5	8.7	8.6	8.3	8.2
Ireland	8.0	5.9	5.8	5.3	4.4	4.5	4.5	4.0	4.0

TABLE 9.
SHARE OF AGRICULTURE, FORESTRY AND FISHING EMPLOYMENT IN TOTAL EMPLOYMENT (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Israel	2.2	2.0	1.6	1.0	0.9	0.9	0.8	0.8	0.8
Italy	5.2	4.2	3.8	3.8	3.9	4.0	4.1	3.8	3.6
Jamaica	20.9	18.1	17.7	17.7	15.2	15.9	15.7	14.9	14.6
Japan	4.9	4.3	3.9	3.5	3.3	3.1	3.1	3.1	3.0
Jordan	4.2	4.0	3.5	3.4	3.4	3.3	3.3	3.3	3.2
Kazakhstan	36.3	32.4	28.3	18.0	13.7	13.5	13.2	12.4	12.1
Kenya	45.3	42.4	39.5	36.3	33.6	33.6	33.4	32.8	32.3
Kiribati									
Kuwait	2.3	2.6	2.4	2.2	2.0	2.0	2.0	2.0	1.9
Kyrgyzstan	53.1	38.5	34.5	30.4	24.2	25.1	25.2	24.6	23.9
Lao People's Democratic Republic	81.8	77.3	71.4	64.1	64.4	66.3	67.8	69.6	69.6
Latvia	14.9	12.1	8.6	7.9	7.3	7.2	6.8	6.8	6.8
Lebanon	6.1	5.2	4.2	3.8	3.6	3.6	3.6	3.5	3.4
Lesotho	46.4	38.3	32.3	30.8	29.8	30.2	30.1	29.6	29.2
Liberia	51.8	51.9	47.3	42.0	40.2	40.3	40.1	39.5	38.9
Libya	13.0	11.6	10.3	9.8	9.1	9.2	9.1	8.8	8.7
Lithuania	19.2	14.3	8.8	9.1	6.4	5.7	5.3	5.5	5.1
Luxembourg	2.4	1.7	1.1	1.0	0.7	0.8	1.1	1.1	0.9
Madagascar	78.7	82.0	73.3	74.6	71.8	71.5	71.2	70.1	69.4
Malawi	73.3	72.0	67.7	64.9	62.4	62.5	62.4	61.9	61.7
Malaysia	15.2	14.6	13.3	12.5	10.2	10.5	10.3	10.0	9.8
Maldives	14.5	17.2	12.7	8.3	8.0	8.2	8.2	7.9	7.7
Mali	67.3	63.9	69.3	62.3	65.6	68.1	68.2	68.0	67.8
Malta	2.0	2.1	1.3	1.5	1.0	1.1	0.9	0.8	1.1
Marshall Islands									
Mauritania	45.6	41.6	37.7	33.4	34.0	34.1	33.9	33.3	32.7
Mauritius	11.4	10.0	8.6	7.5	5.6	5.3	5.3	5.5	5.3
Mexico	17.4	15.6	14.6	14.0	13.0	13.2	13.3	12.6	12.0
Micronesia (Federated States of)									
Mongolia	48.6	42.0	33.5	28.5	27.8	25.2	26.9	26.5	26.1
Montenegro	10.3	8.6	5.6	7.7	7.1	7.5	6.4	6.2	6.0
Morocco	45.8	45.5	40.0	36.3	32.3	32.0	31.2	29.3	29.6
Mozambique	83.0	79.5	76.3	72.1	70.4	70.5	70.4	70.0	69.5
Myanmar	61.7	57.6	53.9	51.7	49.8	46.5	46.1	45.4	45.2
Namibia	31.3	30.3	31.7	24.4	22.2	22.3	22.2	21.7	21.5
Nauru									
Nepal	73.4	72.8	67.5	64.7	62.2	62.1	62.0	61.5	61.2
Netherlands (Kingdom of the)	3.3	3.7	3.1	2.3	2.1	2.1	2.3	1.9	1.9
New Zealand	8.7	7.2	6.9	6.1	5.8	6.0	6.1	6.0	5.6
Nicaragua	33.2	28.9	29.6	31.2	28.6	28.7	28.5	27.9	27.7
Niger	79.7	78.7	77.1	73.2	71.0	71.1	71.1	70.7	70.6
Nigeria	49.0	44.9	41.3	38.3	38.6	38.0	37.1	34.9	34.3
North Macedonia	24.7	18.4	18.1	17.8	13.4	11.5	11.1	9.5	9.3
Norway	4.3	3.3	2.5	2.0	2.0	2.1	2.3	2.2	2.5

TABLE 9.
SHARE OF AGRICULTURE, FORESTRY AND FISHING EMPLOYMENT IN TOTAL EMPLOYMENT (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Oman	6.4	8.0	5.2	5.2	4.8	5.3	6.1	6.2	6.1
Pakistan	45.2	43.1	43.4	41.0	38.3	37.9	37.1	36.4	36.1
Palau									
Panama	17.0	15.7	17.4	14.7	14.4	14.1	15.7	15.3	14.7
Papua New Guinea	30.9	28.7	25.7	30.1	34.5	36.1	37.3	38.7	38.7
Paraguay	31.9	32.0	25.6	22.1	18.7	21.3	19.7	17.4	17.2
Peru	38.2	34.4	28.0	27.0	25.6	33.7	27.9	25.7	24.0
Philippines	37.1	35.1	33.0	29.2	22.9	24.8	24.3	22.8	22.4
Poland	18.7	17.4	13.1	11.5	9.2	9.6	8.4	8.3	7.6
Portugal	12.7	12.0	11.2	7.5	5.5	5.4	2.7	2.8	2.9
Qatar	2.6	2.9	1.5	1.2	1.6	1.4	1.3	1.7	1.7
Republic of Korea	11.0	7.9	6.5	5.2	5.1	5.4	5.3	5.4	5.3
Republic of Moldova	50.9	49.1	54.6	59.6	58.3	57.6	56.6	55.4	51.1
Romania	45.2	32.3	31.0	25.6	21.2	20.5	18.9	18.2	17.9
Russian Federation	14.5	10.1	7.7	6.7	5.8	6.0	5.9	5.8	5.7
Rwanda	89.2	85.4	79.5	63.6	47.3	50.1	56.2	55.3	54.8
Saint Kitts and Nevis									
Saint Lucia	21.1	13.8	12.5	10.9	10.0	9.3	11.1	10.6	10.4
Saint Vincent and the Grenadines	16.8	14.2	12.6	11.2	10.2	10.3	10.1	9.8	9.6
Samoa	41.2	36.3	30.7	28.9	29.3	30.0	30.3	30.3	30.2
San Marino									
Sao Tome and Principe	23.3	19.9	15.9	13.3	11.7	11.7	11.7	11.3	11.1
Saudi Arabia	7.2	6.8	6.4	5.9	3.5	3.2	2.7	2.9	2.8
Senegal	49.4	41.6	40.3	31.3	23.0	23.1	22.7	22.0	21.6
Serbia	26.7	23.3	22.3	19.4	15.6	14.6	19.7	19.5	19.2
Seychelles									
Sierra Leone	69.6	68.2	64.5	56.5	44.7	44.5	44.2	43.5	43.0
Singapore	0.9	1.1	0.5	0.2	0.1	0.1	0.1	0.1	0.1
Slovakia	6.7	4.7	3.2	3.1	2.8	2.6	3.2	2.5	2.4
Slovenia	9.6	9.0	8.7	6.9	4.2	4.0	4.0	4.3	4.0
Solomon Islands	33.9	37.8	40.1	40.7	38.6	38.8	38.7	38.1	37.6
Somalia	37.8	35.8	33.3	29.5	26.9	26.9	26.9	26.3	26.0
South Africa	20.3	17.8	16.5	15.4	16.4	21.4	21.3	19.3	18.8
South Sudan	65.3	62.7	60.3	59.1	59.9	60.0	59.9	59.5	59.2
Spain	6.7	5.3	4.2	4.1	4.0	4.0	4.1	3.8	3.6
Sri Lanka	38.0	32.9	30.9	28.7	25.3	27.1	27.3	26.5	26.3
Sudan	51.6	48.4	45.6	43.0	40.7	40.8	40.7	39.8	
Suriname	6.8	8.3	7.6	7.2	7.7	7.7	7.7	7.4	7.4
Sweden	2.9	2.3	2.1	2.0	1.7	1.7	2.0	1.9	1.8
Switzerland	4.6	3.7	3.6	3.4	2.5	2.5	2.4	2.3	1.9
Syrian Arab Republic	32.9	22.0	14.8	16.3	15.8	15.9	15.8	15.4	15.0
Tajikistan	61.2	55.2	52.4	48.4	44.8	44.7	44.4	43.5	42.7
Thailand	51.7	43.9	38.2	32.3	31.5	31.4	31.9	30.4	30.1
Timor-Leste	57.4	54.8	51.1	50.3	42.2	40.6	37.8	37.8	36.8

TABLE 9.
SHARE OF AGRICULTURE, FORESTRY AND FISHING EMPLOYMENT IN TOTAL EMPLOYMENT (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Togo	57.2	54.5	39.8	36.5	31.7	31.7	31.5	30.9	30.3
Tonga	33.7	32.0	32.2	31.7	29.8	28.6	26.7	26.8	26.3
Trinidad and Tobago	7.2	4.3	3.8	3.4	3.0	3.0	3.0	3.0	2.9
Tunisia	20.5	18.5	17.9	14.8	13.7	13.6	13.2	12.3	12.8
Türkiye	36.0	25.7	23.7	20.4	18.1	17.6	17.2	15.7	14.6
Turkmenistan	37.1	34.6	31.2	26.7	23.4	23.5	23.3	22.8	22.2
Tuvalu									
Uganda	81.2	78.8	75.4	72.3	61.4	64.1	66.7	66.3	65.9
Ukraine	22.0	20.5	16.3	15.3	13.9	14.1	14.1		
United Arab Emirates	8.5	6.0	3.5	2.1	2.2	1.8	1.4	1.4	1.3
United Kingdom of Great Britain and Northern Ireland	1.5	1.4	1.2	1.1	1.0	1.0	1.0	1.0	1.0
United Republic of Tanzania	83.0	74.8	70.5	67.6	65.8	65.8	66.0	65.6	65.4
United States of America	2.3	1.7	1.7	1.8	1.7	1.7	1.7	1.6	1.6
Uruguay	11.3	10.4	11.6	8.8	8.3	8.0	8.7	8.7	8.7
Uzbekistan	25.7	20.5	17.2	15.7	14.7	14.4	14.6	14.1	13.9
Vanuatu	66.2	64.3	63.8	56.4	49.2	45.6	45.0	44.2	43.6
Venezuela (Bolivarian Republic of)	10.6	10.3	8.5	6.3	10.7	11.1	11.2	10.9	10.6
Viet Nam	65.3	54.9	48.7	44.0	34.7	32.6	29.0	33.5	33.0
Yemen	49.6	29.8	24.1	29.9	29.1	29.4	29.3	28.7	28.6
Zambia	64.4	65.4	60.1	53.8	57.4	59.1	57.8	56.1	55.4
Zimbabwe	65.5	72.3	67.2	66.5	62.4	58.7	53.6	53.3	52.5

Source: FAO. 2025. FAOSTAT: Employment Indicators: Agriculture and agrifood systems. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/OEA>. Licence: CC-BY-4.0.

TABLE 10.
SHARE OF WOMEN IN AGRICULTURE, FORESTRY AND FISHING EMPLOYMENT (PERCENT)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
World	39.4	39.7	38.7	38.0	38.1	37.6	38.5	39.0	39.7
Africa	46.3	46.5	45.8	45.1	44.3	43.7	43.8	43.4	43.7
Americas	21.6	23.8	22.1	21.9	22.7	23.4	24.3	23.8	23.3
Asia	38.9	38.9	37.7	36.7	36.9	36.3	37.5	38.4	39.3
Europe	40.6	40.2	39.4	37.8	36.1	35.8	35.7	35.4	35.3
Oceania	35.7	35.4	35.1	38.6	41.3	42.2	43.8	44.1	44.9
Afghanistan	19.2	19.7	22.4	29.4	25.8	21.9	19.8	6.1	6.1
Albania	52.6	53.5	53.5	50.1	51.3	50.9	51.5	51.3	51.3
Algeria	8.0	6.7	4.2	6.0	5.4	5.2	5.3	5.1	5.1
Andorra									
Angola	60.4	59.6	57.1	58.6	55.5	54.6	54.1	53.3	53.1
Antigua and Barbuda									
Argentina	25.2	23.1	22.1	22.0	22.6	24.5	24.7	25.6	25.8
Armenia	58.5	61.4	60.9	61.7	62.3	60.3	63.3	63.0	63.1
Australia	31.0	30.6	32.0	32.4	31.5	32.4	33.9	29.6	32.9
Austria	46.2	45.5	44.2	43.7	40.7	41.0	42.5	42.2	39.0
Azerbaijan	56.2	48.5	59.8	58.4	57.1	56.7	57.3	57.1	56.8
Bahamas	12.6	4.4	13.6	17.9	17.6	19.0	19.9	20.4	20.4
Bahrain	2.3	1.6	0.9	1.0	0.9	0.9	0.9	0.9	0.9
Bangladesh	28.4	34.4	42.0	40.9	49.8	50.9	52.9	54.5	55.0
Barbados	39.7	34.6	32.2	27.8	18.1	20.1	20.9	21.3	21.2
Belarus	38.8	38.4	37.5	35.0	33.8	33.5	35.4	34.4	34.3
Belgium	26.5	31.8	29.8	28.8	32.1	32.4	27.7	29.1	28.2
Belize	6.8	5.2	7.8	9.1	16.3	10.4	11.2	11.0	11.3
Benin	40.3	41.0	41.0	33.3	27.8	27.4	27.5	26.8	26.7
Bhutan	46.0	48.6	48.7	45.0	50.7	50.1	50.4	46.3	47.7
Bolivia (Plurinational State of)	39.8	41.8	42.9	43.4	45.0	43.6	46.3	46.2	46.3
Bosnia and Herzegovina	51.0	44.4	46.7	38.0	46.0	48.9	52.0	53.1	53.7
Botswana	37.0	31.8	33.1	29.5	25.8	31.3	26.1	23.1	18.5
Brazil	23.0	28.0	23.0	20.5	19.0	19.4	20.0	19.3	18.1
Brunei Darussalam	9.6	9.6	11.3	12.4	13.7	18.3	8.2	24.2	22.0
Bulgaria	37.0	35.4	35.6	29.7	30.1	29.8	30.1	30.7	29.5
Burkina Faso	43.6	39.9	39.9	41.0	40.9	40.6	40.7	40.2	40.2
Burundi	55.1	54.8	55.7	56.5	56.1	55.1	56.0	55.9	55.9
Cabo Verde	35.2	37.6	38.7	30.2	22.2	22.1	22.4	21.7	21.7
Cambodia	53.3	50.0	51.5	50.6	50.1	52.3	51.5	51.1	51.1
Cameroon	51.2	52.4	51.5	51.5	48.2	47.2	46.8	46.5	46.6
Canada	30.1	29.7	29.4	29.7	31.1	31.0	31.7	30.1	31.7
Central African Republic	48.1	47.8	49.6	49.1	49.6	49.7	50.0	50.6	51.1
Chad	46.3	46.2	45.1	42.9	41.0	40.9	41.0	40.5	40.5
Chile	10.7	13.7	18.9	21.4	23.3	21.9	21.8	22.4	21.9
China	42.2	41.7	40.1	38.3	37.8	37.5	38.1	37.8	37.7
Colombia	12.6	13.1	14.2	16.8	15.7	15.5	16.1	15.8	16.9
Comoros	45.4	45.4	40.1	36.0	39.5	39.9	41.0	40.5	40.8

TABLE 10.
SHARE OF WOMEN IN AGRICULTURE, FORESTRY AND FISHING EMPLOYMENT (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Congo	50.5	50.3	50.4	48.6	48.0	47.9	48.3	47.8	47.8
Costa Rica	7.9	11.1	11.4	20.4	24.0	23.9	22.5	23.9	22.2
Côte d'Ivoire	35.6	38.6	41.0	37.8	36.2	36.2	36.7	36.8	36.9
Croatia	44.2	48.8	49.5	37.1	32.7	31.7	33.4	31.0	32.8
Cuba	14.4	16.9	17.7	17.5	16.8	16.4	16.5	15.6	15.3
Cyprus	33.4	30.1	29.1	23.6	23.5	25.2	18.3	16.3	14.8
Czechia	31.7	31.4	26.5	24.4	28.9	27.0	26.0	28.9	29.2
Democratic People's Republic of Korea	55.5	55.5	55.3	54.8	54.3	54.1	54.3	54.1	54.0
Democratic Republic of the Congo	56.1	56.1	54.6	55.6	56.0	56.2	56.3	56.3	56.5
Denmark	24.7	23.5	17.3	18.8	23.2	21.8	21.1	23.9	23.2
Djibouti	24.8	22.3	20.5	19.4	19.0	18.8	19.0	18.6	18.6
Dominica									
Dominican Republic	5.2	6.6	6.4	5.8	6.3	5.4	6.8	7.6	7.3
Ecuador	29.4	32.4	28.8	34.1	37.6	35.8	38.3	38.6	37.5
Egypt	24.7	28.2	30.3	32.6	16.2	15.0	16.2	14.2	14.1
El Salvador	7.0	9.9	10.8	8.9	8.6	9.1	9.2	12.4	12.2
Equatorial Guinea	45.5	45.7	44.6	44.1	43.9	43.7	44.0	43.7	43.8
Eritrea	50.0	49.2	49.2	49.4	49.9	49.7	49.9	49.6	49.6
Estonia	34.7	31.2	33.9	31.0	22.4	24.5	26.1	31.2	22.1
Eswatini	38.8	39.5	39.9	39.9	37.1	35.8	35.1	34.5	34.6
Ethiopia	41.0	42.9	42.0	39.8	37.3	36.4	35.9	35.8	35.8
Fiji	23.3	22.7	26.1	24.0	22.8	22.6	22.9	22.6	22.7
Finland	29.7	29.1	30.2	25.2	26.3	26.8	24.9	25.2	23.5
France	30.8	29.1	29.1	29.0	27.9	29.3	27.9	29.3	31.1
Gabon	56.3	55.5	53.8	53.1	51.4	50.9	51.4	51.4	51.6
Gambia	64.0	64.9	66.3	65.2	67.4	67.2	67.7	67.6	68.5
Georgia	53.3	51.8	50.5	51.8	51.0	50.6	50.9	50.6	50.7
Germany	34.9	33.0	33.4	31.8	32.1	31.4	34.8	33.3	31.9
Ghana	48.3	45.4	43.0	37.3	43.5	42.8	42.6	41.2	41.4
Greece	40.6	41.1	39.9	39.9	38.5	38.1	38.4	37.3	37.0
Grenada									
Guatemala	14.9	14.0	14.2	9.7	11.3	12.3	14.0	11.7	11.8
Guinea	53.9	52.6	50.0	46.8	44.8	44.6	44.6	44.7	44.8
Guinea-Bissau	50.7	50.4	50.3	50.3	50.6	50.4	50.7	50.5	50.5
Guyana	11.9	11.0	13.4	18.0	19.2	18.4	14.9	15.7	15.6
Haiti	31.8	31.3	32.9	34.2	33.7	33.6	34.0	32.5	32.1
Honduras	7.3	8.3	11.0	9.1	14.6	14.3	17.8	13.3	7.8
Hungary	25.6	26.5	24.9	25.8	28.2	27.9	27.7	27.4	27.1
Iceland	23.2	21.9	19.1	19.4	15.7	20.4	19.5	19.1	24.0
India	34.5	35.8	32.3	31.7	32.8	32.2	34.9	37.0	39.3
Indonesia	39.5	35.5	37.5	37.8	36.8	36.5	35.8	35.8	35.8
Iran (Islamic Republic of)	19.4	26.7	24.2	20.1	20.2	16.8	16.0	14.3	14.8
Iraq	23.1	25.4	26.0	25.7	20.1	19.8	20.1	18.9	18.4
Ireland	11.3	9.4	15.3	13.8	12.6	14.9	13.5	14.6	14.8

TABLE 10.
SHARE OF WOMEN IN AGRICULTURE, FORESTRY AND FISHING EMPLOYMENT (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Israel	17.9	18.1	22.1	27.7	26.4	23.3	26.4	25.6	25.9
Italy	30.6	30.4	29.2	27.1	25.7	25.3	25.6	25.9	25.6
Jamaica	20.2	20.4	19.3	20.1	24.2	24.9	26.6	26.6	26.6
Japan	43.8	41.9	39.9	37.5	38.4	37.9	37.1	37.1	36.6
Jordan	9.6	3.9	4.9	4.3	4.9	5.2	3.0	5.0	4.8
Kazakhstan	46.5	47.3	47.9	47.3	43.6	42.9	43.2	42.6	42.7
Kenya	58.8	56.9	55.0	53.2	49.7	49.1	49.1	48.9	49.1
Kiribati									
Kuwait	0.5	0.5	1.0	1.7	1.8	1.9	2.0	2.0	1.9
Kyrgyzstan	48.3	44.9	47.8	50.4	53.7	53.7	56.3	56.0	56.4
Lao People's Democratic Republic	49.4	48.9	48.1	48.6	47.8	47.4	47.4	46.7	46.9
Latvia	42.5	32.2	34.9	31.9	30.0	28.4	28.2	31.3	29.4
Lebanon	10.6	10.7	10.8	11.4	13.1	12.9	13.2	12.8	12.7
Lesotho	41.9	37.9	33.5	29.9	26.5	26.4	26.7	26.1	26.0
Liberia	47.0	46.4	47.6	49.6	50.9	50.9	51.1	50.7	50.7
Libya	24.8	28.7	28.2	26.0	25.7	25.2	25.6	24.9	24.7
Lithuania	40.3	39.5	38.6	37.3	32.6	32.4	33.0	33.7	33.5
Luxembourg	24.2	26.1	28.7	32.5	28.2	30.0	22.3	30.7	28.4
Madagascar	49.5	48.6	46.9	47.5	47.8	47.8	48.0	47.8	48.0
Malawi	53.7	53.8	53.0	52.5	52.9	51.6	52.9	52.7	52.7
Malaysia	28.6	24.5	22.3	23.2	21.6	21.4	21.7	21.6	21.6
Maldives	15.3	13.6	8.5	8.3	6.6	6.4	6.4	6.3	6.3
Mali	42.1	41.9	42.8	42.8	41.1	36.7	40.3	39.9	40.1
Malta	9.5	8.6	7.1	9.8	17.8	11.4	17.5	14.1	14.2
Marshall Islands									
Mauritania	23.5	23.9	24.1	24.2	28.8	28.5	28.8	28.3	28.3
Mauritius	23.9	28.4	30.2	27.7	25.0	22.6	21.4	22.1	22.3
Mexico	12.9	12.7	11.6	11.7	12.9	13.2	14.5	15.6	16.0
Micronesia (Federated States of)									
Mongolia	44.0	42.9	44.4	43.5	43.0	42.1	40.4	40.7	40.8
Montenegro	34.6	43.0	35.0	49.1	41.8	37.0	39.3	39.3	39.3
Morocco	32.2	34.2	38.9	38.8	36.4	35.7	35.5	34.7	34.9
Mozambique	60.3	61.1	60.9	59.8	59.6	59.5	59.7	59.4	59.5
Myanmar	40.6	39.2	38.3	38.4	33.8	31.7	31.8	31.5	31.4
Namibia	42.1	38.9	44.8	45.9	45.9	45.5	46.0	45.1	44.9
Nauru									
Nepal	29.5	32.3	37.2	42.2	43.8	43.3	43.2	43.3	43.5
Netherlands (Kingdom of the)	32.4	28.8	27.8	30.3	31.2	29.1	30.2	31.3	33.2
New Zealand	30.3	32.1	30.0	30.3	29.9	31.8	33.5	34.8	35.0
Nicaragua	8.2	8.9	12.5	11.8	11.2	11.2	11.4	11.3	11.4
Niger	41.6	41.1	40.4	40.2	38.7	38.6	38.8	38.6	38.5
Nigeria	42.0	40.9	38.2	36.0	37.6	36.4	35.6	33.9	35.7
North Macedonia	40.3	41.7	40.4	40.2	39.1	39.5	36.7	37.2	36.6
Norway	25.5	23.2	19.6	22.0	24.4	22.8	20.5	19.2	23.8

TABLE 10.
SHARE OF WOMEN IN AGRICULTURE, FORESTRY AND FISHING EMPLOYMENT (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Oman	12.9	5.5	1.5	0.6	0.9	1.4	2.5	3.9	3.6
Pakistan	23.0	27.7	36.0	38.5	39.4	39.7	40.2	40.7	41.0
Palau									
Panama	3.6	10.1	16.0	21.0	23.5	22.5	21.2	21.4	22.9
Papua New Guinea	39.6	38.5	37.2	43.1	47.3	48.2	49.5	50.3	50.6
Paraguay	23.1	27.2	26.9	30.2	28.3	29.4	30.4	27.2	26.8
Peru	40.8	43.4	42.4	41.9	42.4	42.5	45.7	44.2	41.8
Philippines	25.4	25.3	26.0	26.1	23.8	24.0	25.1	27.4	27.2
Poland	44.5	42.7	43.9	40.3	39.3	38.4	37.6	38.1	36.7
Portugal	50.7	50.4	46.3	34.8	32.1	31.6	28.9	28.9	28.6
Qatar	0.1	0.3	0.2	0.1	0.1	0.1	0.1	0.2	0.2
Republic of Korea	47.3	45.2	42.2	43.1	40.4	39.5	38.7	39.0	39.1
Republic of Moldova	51.1	56.7	54.8	53.7	55.3	54.9	55.5	55.7	56.0
Romania	46.6	45.1	45.9	43.8	42.8	41.8	41.2	41.0	40.4
Russian Federation	39.2	38.6	35.3	37.0	33.3	33.7	32.5	32.3	32.6
Rwanda	48.4	50.4	51.9	55.0	55.8	56.3	54.3	54.9	54.8
Saint Kitts and Nevis									
Saint Lucia	25.7	25.3	26.0	21.3	13.9	14.2	22.6	13.6	14.4
Saint Vincent and the Grenadines	19.0	18.9	17.8	16.6	15.9	15.8	16.1	15.7	15.9
Samoa	21.1	15.9	26.1	29.5	24.5	23.5	23.0	20.6	21.0
San Marino									
Sao Tome and Principe	48.9	45.3	45.3	45.9	47.2	46.7	47.1	46.6	46.3
Saudi Arabia	0.8	0.7	0.6	0.5	6.1	4.5	3.1	2.6	2.8
Senegal	32.1	34.6	32.8	32.5	28.4	28.3	28.6	27.9	27.9
Serbia	42.8	41.6	41.5	37.2	38.7	38.0	43.9	45.7	45.1
Seychelles									
Sierra Leone	53.5	53.1	50.7	48.5	48.3	48.2	48.5	48.0	48.0
Singapore	19.8	20.6	26.3	34.3	41.8	43.1	44.6	37.2	36.5
Slovakia	27.5	24.4	24.0	17.9	21.7	20.4	26.0	22.8	25.3
Slovenia	46.5	45.4	43.8	46.2	37.1	42.0	41.5	40.8	38.2
Solomon Islands	50.9	50.5	50.0	48.8	48.7	48.4	48.8	48.3	48.4
Somalia	39.1	35.8	34.2	34.4	32.4	32.0	32.2	31.8	31.5
South Africa	50.2	50.5	49.7	46.7	48.1	48.2	47.1	46.4	47.6
South Sudan	62.1	61.5	61.0	59.9	60.8	60.6	60.8	60.6	60.6
Spain	26.0	26.6	25.6	22.9	22.9	22.0	23.5	22.7	24.5
Sri Lanka	37.8	36.0	37.9	37.6	34.3	34.1	34.2	32.7	31.9
Sudan	36.0	33.9	32.8	29.8	26.5	24.7	23.6	22.4	
Suriname	17.6	19.5	21.9	27.3	30.6	30.2	31.0	30.7	30.9
Sweden	24.0	21.5	21.6	24.0	19.6	20.8	24.1	20.5	22.3
Switzerland	37.4	33.6	34.9	38.2	34.8	36.0	33.8	33.4	33.2
Syrian Arab Republic	34.2	23.8	18.9	9.2	8.8	8.5	8.6	8.5	8.4
Tajikistan	48.4	50.6	49.4	53.9	55.0	55.1	55.8	55.7	56.1
Thailand	44.9	44.5	42.8	41.8	40.7	40.5	40.6	40.6	40.5
Timor-Leste	45.2	44.5	44.6	45.7	47.0	48.4	51.1	51.1	51.4

TABLE 10.
SHARE OF WOMEN IN AGRICULTURE, FORESTRY AND FISHING EMPLOYMENT (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Togo	42.5	41.7	40.6	38.9	40.2	39.9	40.1	39.6	39.5
Tonga	5.3	5.8	9.0	13.0	17.0	17.5	19.1	19.3	19.7
Trinidad and Tobago	15.3	16.1	21.2	16.9	19.3	20.0	21.9	22.8	22.7
Tunisia	27.8	28.2	27.6	16.8	19.9	20.7	22.2	23.0	20.0
Türkiye	44.9	45.1	46.4	45.8	43.1	41.2	41.2	41.9	41.2
Turkmenistan	53.2	51.8	51.5	52.1	51.8	51.6	52.2	51.6	51.6
Tuvalu									
Uganda	52.1	52.5	52.6	53.2	54.8	53.3	51.9	51.9	52.0
Ukraine	46.0	47.1	46.2	42.6	39.9	39.7	39.0		
United Arab Emirates	0.1	0.2	0.6	0.7	0.6	0.7	0.6	0.6	0.7
United Kingdom of Great Britain and Northern Ireland	23.3	24.7	23.5	26.8	26.9	26.8	27.2	27.4	27.1
United Republic of Tanzania	51.1	52.1	52.2	50.6	49.9	49.0	49.9	49.6	49.6
United States of America	24.7	24.9	24.7	24.2	25.6	26.6	27.1	27.8	28.7
Uruguay	20.1	20.3	19.3	22.6	20.3	21.5	22.6	20.2	23.3
Uzbekistan	41.4	42.2	40.6	40.0	38.4	37.8	38.5	38.1	38.3
Vanuatu	48.2	49.0	45.3	43.5	41.1	46.0	46.6	45.4	45.3
Venezuela (Bolivarian Republic of)	6.0	8.1	8.0	7.9	13.6	13.3	13.5	11.7	11.8
Viet Nam	50.4	51.2	51.7	50.8	49.9	49.7	48.1	50.4	50.4
Yemen	30.6	22.3	13.4	11.5	10.6	10.5	10.6	10.3	10.1
Zambia	47.8	46.5	46.0	46.7	48.8	49.3	49.4	49.0	49.0
Zimbabwe	56.9	55.4	54.6	53.5	54.3	54.7	55.9	56.0	56.2

Source: Based on FAO. 2025. FAOSTAT: Employment Indicators: Agriculture and agrifood systems. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/OEA>. Licence: CC-BY-4.0.

TABLE 11.
EMPLOYMENT IN AGRIFOOD SYSTEMS (THOUSAND PEOPLE)

COUNTRY	2000	2005	2010	2015	2018	2019	2020	2021	2022
World	1 374 973	1 387 285	1 369 190	1 315 550	1 309 421	1 307 529	1 302 215	1 329 723	1 337 140
Africa	208 058	239 410	259 116	282 538	301 171	302 446	309 419	322 486	326 304
Americas	93 275	101 673	102 546	104 478	108 124	109 163	99 484	105 185	106 275
Asia	998 184	975 573	946 540	869 389	841 697	837 806	837 344	845 818	852 590
Europe	71 814	67 188	57 571	55 077	53 997	53 558	51 395	51 460	47 175
Oceania	3 641	3 440	3 417	4 067	4 431	4 556	4 573	4 774	4 797
Afghanistan	3 368	3 928	4 329	4 470	4 692	4 820	4 821	4 827	3 375
Albania	700	672	627	616	667	674	642	656	668
Algeria									
Andorra									
Angola	2 375	2 972	5 090	6 272	7 288	7 646	8 094	8 840	9 313
Antigua and Barbuda									
Argentina									
Armenia	811	818	770	779	767	780	795	841	860
Australia	1 800	1 550	1 553	1 749	1 751	1 765	1 656	1 705	1 717
Austria	761	728	761	584	580	584	560	550	588
Azerbaijan									
Bahamas	27	27	28	32	32	32	28	29	31
Bahrain									
Bangladesh	38 192	33 745	37 975	38 196	38 049	37 726	37 406	37 728	37 254
Barbados	5	3	4	20	21	20	19	18	17
Belarus	1 379	1 298	1 198	1 023	1 128	1 103	1 088	1 089	1 059
Belgium	495	512	430	410	419	429	401	379	426
Belize									
Benin	2 132	2 433	2 822	2 824	2 747	2 789	2 877	3 027	3 081
Bhutan	175	228	226	240	227	238	241	249	203
Bolivia (Plurinational State of)	2 112	2 386	2 261	2 308	2 883	2 874	2 832	3 187	3 175
Bosnia and Herzegovina	446	475	452	382	388	430	304	418	418
Botswana	135	203	214	200	187	183	220	215	220
Brazil	21 811	25 037	22 696	20 639	21 327	21 664	19 540	20 542	21 538
Brunei Darussalam	13	14	18	20	22	28	17	33	26
Bulgaria	918	823	657	620	627	629	572	536	576
Burkina Faso	3 610	3 818	4 028	4 143	3 934	3 816	3 733	3 678	3 505
Burundi	2 581	2 968	3 708	4 219	4 498	4 648	4 733	4 958	5 141
Cabo Verde	59	55	57	47	33	31	29	29	31
Cambodia	4 861	5 380	5 950	4 980	5 128	5 286	5 205	5 106	5 060
Cameroon									
Canada	2 717	2 695	2 673	2 840	2 957	3 020	2 587	2 687	2 891
Central African Republic									
Chad	2 808	3 165	3 570	4 002	4 328	4 474	4 569	4 774	5 092
Chile	1 787	1 853	1 890	1 895	1 908	1 773	1 486	1 532	1 592
China	400 766	374 764	327 312	264 782	243 868	235 754	226 888	225 530	217 736
Colombia	5 478	7 024	7 815	8 203	8 650	8 371	7 580	7 874	7 496
Comoros	80	85	88	94	97	99	100	102	112

TABLE 11.
EMPLOYMENT IN AGRIFOOD SYSTEMS (THOUSAND PEOPLE) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2018	2019	2020	2021	2022
Congo									
Costa Rica	451	575	574	615	672	658	623	610	604
Côte d'Ivoire	4 300	4 742	5 415	6 232	6 691	7 131	7 824	8 336	8 716
Croatia	571	592	497	379	346	336	315	324	308
Cuba									
Cyprus	107	108	87	91	85	92	86	83	83
Czechia	906	733	645	650	669	662	616	568	627
Democratic People's Republic of Korea									
Democratic Republic of the Congo	14 871	18 801	16 709	17 377	18 787	19 169	18 908	20 253	20 858
Denmark	347	329	255	284	278	280	264	264	279
Djibouti									
Dominica									
Dominican Republic	1 035	1 049	1 114	1 097	1 110	1 135	1 074	1 063	1 103
Ecuador	2 154	2 936	2 988	3 360	3 954	4 078	3 850	4 480	4 502
Egypt	7 935	9 444	10 756	10 398	9 922	9 937	9 676	9 896	9 973
El Salvador	935	923	1 041	1 065	1 067	1 082	1 040	1 046	1 075
Equatorial Guinea									
Eritrea									
Estonia	139	135	82	108	103	104	92	86	94
Eswatini	104	97	96	97	95	93	91	91	91
Ethiopia	23 905	29 666	33 733	36 509	36 427	36 265	35 691	35 786	37 794
Fiji	93	138	171	166	172	168	165	165	104
Finland	427	386	314	304	294	306	276	303	312
France	3 619	3 461	2 941	2 921	2 903	2 893	2 794	2 833	3 100
Gabon									
Gambia	209	229	265	311	344	348	359	370	378
Georgia	1 182	1 175	1 006	978	848	838	890	838	861
Germany	4 492	4 246	3 513	3 513	3 443	3 371	3 027	3 061	3 228
Ghana	5 246	7 041	6 831	6 977	8 308	8 191	8 066	8 095	7 848
Greece	1 472	1 272	1 189	1 064	1 101	1 117	1 056	1 078	1 153
Grenada									
Guatemala	2 466	2 825	2 816	3 190	3 467	3 363	3 307	3 362	3 349
Guinea									
Guinea-Bissau	304	339	379	424	446	457	468	487	503
Guyana	124	110	109	99	90	85	68	72	31
Haiti									
Honduras	1 289	1 452	1 860	1 831	2 202	2 156	1 782	1 940	2 005
Hungary	854	767	617	704	730	725	704	685	685
Iceland	40	34	28	29	28	29	28	29	30
India	287 558	296 029	288 795	274 615	271 959	276 486	289 346	301 505	308 393
Indonesia	67 268	65 588	70 890	67 349	68 437	69 344	71 377	71 261	74 212
Iran (Islamic Republic of)	4 734	4 509	5 177	7 461	8 145	8 454	7 607	7 337	7 317
Iraq	1 201	1 321	1 318	1 414	1 345	1 349	1 328	1 346	1 392
Ireland	421	388	301	320	351	337	308	319	328

TABLE 11.
EMPLOYMENT IN AGRIFOOD SYSTEMS (THOUSAND PEOPLE) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2018	2019	2020	2021	2022
Israel	291	331	332	281	289	291	248	244	272
Italy	3 893	3 749	3 235	3 415	3 597	3 681	3 536	3 496	3 638
Jamaica	432	409	397	454	442	430	426	438	438
Japan	11 829	11 037	10 799	10 334	10 475	10 330	9 874	9 522	9 591
Jordan	107	126	172	240	252	251	263	258	268
Kazakhstan									
Kenya	6 897	8 075	9 365	10 344	10 079	10 430	10 234	10 135	10 079
Kiribati									
Kuwait									
Kyrgyzstan	1 740	1 358	1 357	1 182	1 207	1 176	1 205	1 235	1 238
Lao People's Democratic Republic	1 726	1 855	2 017	2 030	2 143	2 281	2 410	2 559	2 749
Latvia	381	279	186	193	185	178	167	158	161
Lebanon	245	242	247	331	288	276	242	248	59
Lesotho	412	334	284	275	260	256	254	258	267
Liberia	926	1 045	1 251	1 343	1 346	1 375	1 382	1 429	940
Libya									
Lithuania	496	409	263	293	263	251	225	216	226
Luxembourg	19	16	10	13	15	16	15	15	16
Madagascar	6 540	8 326	8 831	10 762	11 547	11 783	11 945	12 311	12 587
Malawi									
Malaysia									
Maldives	13	18	38	39	48	52	19	20	20
Mali	3 262	3 710	4 835	5 450	5 931	6 128	6 168	6 511	6 822
Malta	26	29	17	20	19	23	23	20	21
Marshall Islands									
Mauritania	362	381	414	434	472	478	521	545	557
Mauritius	127	138	137	105	94	98	81	76	76
Mexico	13 135	13 616	14 566	15 852	16 484	17 197	15 354	16 918	17 335
Micronesia (Federated States of)									
Mongolia	479	585	527	513	514	508	466	478	505
Montenegro									
Morocco									
Mozambique	7 410	7 979	8 462	9 159	9 814	10 054	10 249	10 524	10 945
Myanmar	15 692	15 926	15 929	16 880	16 287	16 547	15 553	13 461	13 534
Namibia	207	232	295	286	335	302	302	315	329
Nauru									
Nepal	4 945	5 456	5 591	5 778	5 861	5 962	5 905	6 134	4 611
Netherlands (Kingdom of the)	1 061	1 075	896	856	889	862	809	873	892
New Zealand									
Nicaragua	930	1 004	1 204	1 523	1 542	1 481	1 486	1 553	820
Niger	4 135	4 792	5 830	6 338	7 022	7 257	7 515	7 774	6 820
Nigeria	38 905	42 642	47 746	53 444	59 515	56 618	60 810	64 990	68 340
North Macedonia	243	184	196	211	193	190	168	161	158
Norway	328	289	214	215	211	212	207	210	239

TABLE 11.
EMPLOYMENT IN AGRIFOOD SYSTEMS (THOUSAND PEOPLE) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2018	2019	2020	2021	2022
Oman									
Pakistan	26 544	30 243	37 888	39 596	38 143	39 198	39 314	40 087	41 881
Palau									
Panama	340	470	524	509	547	567	531	578	610
Papua New Guinea	1 055	1 019	939	1 315	1 604	1 707	1 817	1 936	2 069
Paraguay									
Peru	6 922	7 721	7 988	7 900	8 668	8 704	8 740	8 436	8 748
Philippines	15 847	17 827	19 704	20 399	18 593	18 537	17 887	18 223	19 792
Poland	3 013	4 491	4 005	3 813	3 629	3 507	3 536	3 400	3 487
Portugal	1 513	1 484	1 245	980	978	958	899	707	754
Qatar									
Republic of Korea	6 533	5 360	4 887	4 563	4 622	4 863	5 064	5 190	5 513
Republic of Moldova									
Romania	4 978	3 978	3 528	3 119	2 947	2 841	2 713	2 639	2 559
Russian Federation									
Rwanda					2 581	2 444	2 776	2 699	2 899
Saint Kitts and Nevis									
Saint Lucia									
Saint Vincent and the Grenadines									
Samoa	24	22	19	25	25	25	25	25	26
San Marino									
Sao Tome and Principe									
Saudi Arabia									
Senegal	2 133	2 119	2 387	2 112	2 062	2 308	2 313	2 322	2 300
Serbia	827	633	963	949	992	990	799	1 143	598
Seychelles									
Sierra Leone	1 370	1 779	1 854	1 744	1 684	1 583	1 608	1 695	1 146
Singapore	18	23	14	8	5	5	4	260	261
Slovakia	453	405	240	253	293	322	297	243	296
Slovenia	241	223	190	159	150	136	122	115	130
Solomon Islands	96	124	149	196	215	219	223	231	154
Somalia	580	681	747	785	832	852	876	910	934
South Africa	5 355	5 272	4 544	4 890	4 963	5 124	5 807	5 544	5 536
South Sudan									
Spain	3 650	3 968	3 138	3 246	3 549	3 573	3 273	3 337	3 477
Sri Lanka	3 885	3 590	4 036	3 810	3 607	3 618	3 589	3 569	3 582
Sudan	4 265	4 490	4 963	5 100	5 234	5 289	5 287	5 355	5 496
Suriname	18	29	33	38	41	43	41	41	41
Sweden	495	437	392	386	375	375	344	341	363
Switzerland	491	462	477	516	482	446	424	396	400
Syrian Arab Republic									
Tajikistan	999	1 062	1 013	1 075	1 085	1 078	1 080	1 107	1 021
Thailand	24 205	23 530	23 801	21 348	21 810	21 300	21 320	21 544	21 191
Timor-Leste	167	248	280	286	338	326	320	307	282

TABLE 11.
EMPLOYMENT IN AGRIFOOD SYSTEMS (THOUSAND PEOPLE) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2018	2019	2020	2021	2022
Togo	1 393	1 564	1 421	1 588	1 683	1 675	1 680	1 695	1 704
Tonga	12	12	12	11	14	16	17	18	17
Trinidad and Tobago									
Tunisia	900	928	1 040	897	937	931	907	910	896
Türkiye	12 175	9 096	9 979	10 191	10 545	10 317	9 329	9 832	10 029
Turkmenistan									
Tuvalu									
Uganda	7 620	8 814	8 903	11 946	12 710	13 282	14 627	16 022	15 727
Ukraine	7 408	7 526	6 075	5 632	5 275	5 304	5 134	5 038	
United Arab Emirates	483	531	559	493	595	563	439	500	520
United Kingdom of Great Britain and Northern Ireland	3 071	2 912	2 558	2 771	2 820	2 665	2 633	2 487	2 637
United Republic of Tanzania	15 049	15 987	17 389	19 925	21 761	22 313	22 233	24 363	25 222
United States of America	18 494	16 813	16 909	18 275	18 963	19 386	16 779	17 706	18 290
Uruguay	341	333	404	345	335	333	301	322	336
Uzbekistan									
Vanuatu	56	65	66	65	63	63	58	55	55
Venezuela (Bolivarian Republic of)	946	2 837	2 887	2 729	1 104	1 160	1 094	1 111	1 118
Viet Nam	32 068	30 963	33 344	34 161	32 463	30 611	28 794	26 198	30 643
Yemen	2 933	2 034	2 003	2 249	2 505	1 626	1 659	1 689	1 753
Zambia	2 026	2 393	2 824	3 429	4 130	4 317	4 636	4 706	4 792
Zimbabwe	3 221	3 727	3 687	3 922	3 923	3 928	3 820	3 713	3 733

Source: FAO. 2025. FAOSTAT: Employment Indicators: Agriculture and agrifood systems. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/OEA>. Licence: CC-BY-4.0.

TABLE 12.
SHARE OF AGRIFOOD SYSTEMS EMPLOYMENT IN TOTAL EMPLOYMENT (PERCENT)

COUNTRY	2000	2005	2010	2015	2018	2019	2020	2021	2022
World	52.2	48.6	45.6	41.3	39.8	39.3	39.7	39.6	39.1
Africa	70.0	69.9	66.4	64.2	63.8	62.6	63.4	64.2	62.8
Americas	26.2	26.3	25.2	23.6	23.5	23.4	22.8	23.0	22.2
Asia	60.4	54.6	50.9	44.6	42.2	41.7	41.9	41.7	41.2
Europe	23.0	20.9	17.6	16.5	15.7	15.5	15.1	15.0	14.2
Oceania	25.9	22.3	20.3	22.3	22.6	22.7	23.0	23.2	22.5
Afghanistan	78.1	75.2	68.8	55.7	57.3	59.0	60.3	59.7	45.6
Albania	64.2	62.2	57.6	57.0	54.1	53.2	53.0	52.3	51.8
Algeria									
Andorra									
Angola	41.8	43.5	60.1	57.7	65.2	67.8	69.4	71.7	70.0
Antigua and Barbuda									
Argentina									
Armenia	64.1	63.9	55.6	56.4	55.6	54.8	54.8	55.0	56.1
Australia	20.0	15.6	13.9	14.7	13.8	13.6	13.0	12.9	12.5
Austria	20.6	19.2	18.8	13.9	13.2	13.2	12.8	12.6	13.1
Azerbaijan									
Bahamas	17.0	16.1	16.0	16.4	15.5	15.0	14.7	14.4	14.6
Bahrain									
Bangladesh	80.6	65.2	66.8	63.2	59.4	58.3	57.2	56.6	55.4
Barbados	3.7	2.4	3.0	14.9	15.4	14.3	13.6	13.0	12.4
Belarus	32.6	28.7	25.1	21.3	23.3	22.9	22.8	23.1	22.5
Belgium	12.0	12.1	9.5	9.0	8.7	8.8	8.3	7.8	8.5
Belize									
Benin	76.0	73.2	72.2	60.8	52.9	51.7	52.1	52.5	60.5
Bhutan	69.5	76.8	69.3	72.2	65.9	63.6	63.5	62.7	55.9
Bolivia (Plurinational State of)	56.6	57.4	50.8	47.5	52.9	50.2	51.7	52.2	50.1
Bosnia and Herzegovina	34.6	38.9	37.7	34.8	32.8	35.9	26.0	35.9	35.3
Botswana	26.6	35.7	31.2	26.8	24.1	23.2	28.4	27.0	26.9
Brazil	30.5	32.0	27.0	22.4	23.3	23.1	22.6	22.7	22.3
Brunei Darussalam	8.6	8.6	9.8	10.1	10.5	13.4	8.3	15.1	11.9
Bulgaria	32.5	27.5	21.3	20.4	19.8	19.4	18.2	17.4	18.2
Burkina Faso	74.9	71.1	68.6	66.9	60.7	60.1	59.9	59.8	58.8
Burundi	96.3	95.0	93.4	91.6	91.1	91.1	91.0	91.4	91.1
Cabo Verde	43.8	36.8	31.1	24.8	18.6	16.8	16.7	16.6	16.1
Cambodia	85.0	77.0	73.1	59.1	56.2	56.7	55.0	54.9	53.0
Cameroon									
Canada	21.1	19.3	18.1	18.0	17.4	17.5	16.3	16.0	16.2
Central African Republic									
Chad	93.9	90.0	89.0	87.1	87.3	87.2	87.4	87.5	87.5
Chile	31.5	29.6	25.4	22.9	22.5	21.4	18.7	18.4	18.0
China	54.6	49.3	42.2	34.0	31.5	30.6	29.6	29.5	28.9
Colombia	38.6	41.2	40.4	37.8	38.6	37.3	35.9	35.3	32.4
Comoros	70.3	65.6	55.7	48.0	41.9	40.4	38.9	37.9	44.2

TABLE 12.
SHARE OF AGRIFOOD SYSTEMS EMPLOYMENT IN TOTAL EMPLOYMENT (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2018	2019	2020	2021	2022
Congo									
Costa Rica	29.8	32.6	29.9	29.7	30.4	29.1	30.8	28.8	27.2
Côte d'Ivoire	72.3	70.7	68.8	65.8	66.5	68.6	73.9	74.8	75.1
Croatia	36.0	35.5	29.4	24.0	21.5	20.7	19.8	20.1	18.8
Cuba									
Cyprus	25.4	21.7	15.5	16.3	13.4	13.9	13.0	12.2	11.8
Czechia	19.2	15.3	13.3	12.9	12.8	12.7	12.0	11.1	12.0
Democratic People's Republic of Korea									
Democratic Republic of the Congo	77.2	83.6	70.0	62.9	61.2	60.6	60.8	60.8	60.4
Denmark	12.7	11.9	9.5	10.4	9.8	9.7	9.2	9.0	9.3
Djibouti									
Dominica									
Dominican Republic	34.0	32.2	30.5	25.9	23.9	23.7	23.8	22.6	22.6
Ecuador	43.5	49.4	48.0	46.0	49.7	50.5	53.0	55.1	54.2
Egypt	40.9	43.5	40.5	38.8	36.4	35.8	34.7	33.5	33.2
El Salvador	43.7	42.0	44.3	42.8	41.7	41.3	42.0	39.9	39.5
Equatorial Guinea									
Eritrea									
Estonia	23.6	21.7	14.5	16.9	15.5	15.5	14.2	13.1	13.6
Eswatini	43.4	39.8	37.0	34.1	34.3	34.8	35.0	35.9	36.7
Ethiopia	85.7	90.0	85.4	81.1	77.9	76.8	75.5	74.6	76.0
Fiji	30.1	42.5	45.8	47.2	48.0	47.0	46.6	46.2	28.6
Finland	18.4	15.8	12.8	12.5	11.5	11.9	10.9	11.7	11.7
France	14.7	13.2	10.9	10.7	10.4	10.3	10.0	9.9	10.6
Gabon									
Gambia	62.6	58.9	57.7	53.5	54.1	53.7	53.9	54.0	54.0
Georgia	61.6	65.5	60.6	55.7	50.4	50.1	53.1	51.7	50.0
Germany	12.2	11.7	9.1	8.6	8.1	7.9	7.2	7.3	7.6
Ghana	69.3	76.5	69.5	61.3	67.6	65.8	64.6	63.7	60.7
Greece	35.6	29.1	27.1	29.9	29.2	28.8	27.3	27.6	28.3
Grenada									
Guatemala	61.2	53.5	54.7	53.2	53.5	51.8	50.7	50.5	47.7
Guinea									
Guinea-Bissau	71.9	70.8	69.2	67.1	64.8	64.2	64.8	65.1	73.8
Guyana	50.6	44.6	43.2	39.3	33.8	33.2	27.7	29.0	11.9
Haiti									
Honduras	55.6	56.1	60.3	50.6	53.4	52.0	47.5	47.5	46.2
Hungary	21.0	18.6	15.7	16.0	15.6	15.4	15.1	14.5	14.3
Iceland	24.1	19.7	15.9	15.1	13.3	13.4	13.3	13.9	13.3
India	76.0	67.9	66.8	59.3	56.2	55.7	59.0	58.5	57.0
Indonesia	70.7	67.5	63.5	55.4	54.5	54.4	54.8	54.3	55.0
Iran (Islamic Republic of)	27.5	17.7	23.8	31.7	31.9	32.5	30.5	29.1	28.6
Iraq	22.6	21.2	19.1	16.5	15.2	15.1	15.3	15.1	14.5
Ireland	23.0	18.7	15.6	15.5	15.5	14.5	13.4	13.3	12.9

TABLE 12.
SHARE OF AGRIFOOD SYSTEMS EMPLOYMENT IN TOTAL EMPLOYMENT (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2018	2019	2020	2021	2022
Israel	12.2	12.5	10.9	7.8	7.5	7.5	6.4	6.3	6.6
Italy	18.6	16.5	14.2	15.3	15.5	15.8	15.5	15.3	15.5
Jamaica	39.9	36.1	36.3	35.5	32.4	30.3	31.2	31.0	29.6
Japan	18.3	17.3	17.2	16.2	15.7	15.4	14.8	14.3	14.3
Jordan	9.8	10.4	10.7	11.8	11.3	10.8	11.2	11.1	11.2
Kazakhstan									
Kenya	59.3	57.0	55.7	52.4	50.3	52.6	55.5	59.1	55.5
Kiribati									
Kuwait									
Kyrgyzstan	74.3	54.2	49.0	45.0	42.3	40.5	40.6	40.1	39.3
Lao People's Democratic Republic	92.1	88.2	82.8	73.6	72.4	74.6	76.6	78.6	80.7
Latvia	40.4	28.4	21.8	21.2	20.1	19.2	18.4	18.0	17.9
Lebanon	20.6	18.2	15.9	16.1	15.4	15.2	15.0	15.0	3.5
Lesotho	56.1	46.7	39.9	39.2	38.1	31.6	38.0	38.0	37.2
Liberia	73.6	73.9	71.6	66.7	62.9	62.8	62.8	62.7	39.5
Libya									
Lithuania	34.9	28.7	21.4	22.0	19.1	18.2	16.6	15.8	16.0
Luxembourg	10.2	8.2	4.4	5.1	5.1	5.5	5.1	4.9	5.0
Madagascar	89.3	94.1	85.9	86.2	84.9	84.5	84.0	83.7	83.4
Malawi									
Malaysia									
Maldives	14.5	17.2	29.8	22.2	22.9	23.4	8.2	8.2	7.9
Mali	76.4	74.0	82.7	81.0	81.7	83.5	84.8	81.7	79.1
Malta	17.5	18.5	10.3	10.1	8.1	9.2	8.5	7.2	7.3
Marshall Islands									
Mauritania	60.1	57.2	55.0	51.9	52.7	52.0	55.8	56.5	54.8
Mauritius	26.3	26.8	24.8	17.9	16.0	16.4	14.8	14.4	13.3
Mexico	35.0	32.6	31.8	31.3	30.8	31.4	30.3	30.9	30.5
Micronesia (Federated States of)									
Mongolia	52.7	59.6	49.2	43.1	42.0	41.4	37.8	39.2	39.2
Montenegro									
Morocco									
Mozambique	90.1	87.2	85.3	83.2	82.8	82.7	82.5	82.5	82.7
Myanmar	75.6	72.6	69.7	69.9	67.7	69.9	66.1	63.6	62.6
Namibia	45.2	45.0	49.9	39.6	43.7	38.3	38.5	38.8	38.4
Nauru									
Nepal	92.1	92.3	87.2	86.3	85.9	85.2	85.0	84.8	61.5
Netherlands (Kingdom of the)	12.3	12.6	10.2	9.7	9.5	9.1	8.5	9.2	9.1
New Zealand									
Nicaragua	55.5	52.6	54.6	58.9	56.7	53.7	53.9	54.5	27.9
Niger	87.7	88.1	88.2	85.7	84.7	84.4	84.9	84.6	70.7
Nigeria	68.1	66.2	65.7	64.8	66.7	61.8	63.8	65.7	67.3
North Macedonia	43.2	33.4	33.3	32.7	29.2	27.6	25.0	24.2	22.9
Norway	14.3	12.1	8.4	8.0	7.7	7.7	7.5	7.5	8.3

TABLE 12.
SHARE OF AGRIFOOD SYSTEMS EMPLOYMENT IN TOTAL EMPLOYMENT (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2018	2019	2020	2021	2022
Oman									
Pakistan	60.3	58.7	61.9	59.3	55.7	55.9	54.8	54.3	55.2
Palau									
Panama	28.3	35.6	33.8	28.8	29.3	29.8	28.0	29.5	30.4
Papua New Guinea	45.1	42.7	39.0	47.8	53.5	55.3	57.1	58.9	60.8
Paraguay									
Peru	60.5	57.5	50.2	48.7	49.5	48.4	55.9	49.7	48.5
Philippines	55.5	54.5	53.6	49.0	43.2	41.9	43.1	42.2	41.1
Poland	17.2	31.2	24.5	22.3	20.3	19.5	19.7	18.7	18.8
Portugal	30.1	29.4	25.4	21.5	20.0	19.4	18.7	14.7	15.2
Qatar									
Republic of Korea	30.3	23.4	20.6	17.2	17.0	17.7	18.6	18.8	19.4
Republic of Moldova									
Romania	58.4	47.3	43.7	38.9	36.0	34.7	33.7	30.8	29.9
Russian Federation									
Rwanda					64.1	61.2	63.2	67.2	67.2
Saint Kitts and Nevis									
Saint Lucia									
Saint Vincent and the Grenadines									
Samoa	41.2	36.3	30.7	43.5	46.0	46.0	46.1	46.2	47.1
San Marino									
Sao Tome and Principe									
Saudi Arabia									
Senegal	77.8	67.9	70.7	59.2	48.0	48.4	48.6	48.7	48.5
Serbia	26.7	23.3	37.7	36.6	35.0	34.2	27.8	38.2	19.5
Seychelles									
Sierra Leone	89.0	91.6	90.4	77.4	71.8	65.8	65.7	67.0	43.5
Singapore	0.9	1.1	0.5	0.3	0.2	0.1	0.1	7.9	7.8
Slovakia	21.6	18.2	10.4	10.4	11.5	12.5	11.8	9.4	11.2
Slovenia	26.8	23.5	19.7	17.2	15.3	13.8	12.4	11.6	12.7
Solomon Islands	46.8	52.8	56.9	60.8	59.6	58.8	58.9	59.2	38.1
Somalia	45.1	44.3	42.4	39.0	36.9	36.4	36.6	36.7	36.0
South Africa	33.2	29.9	27.0	25.4	25.0	25.6	29.3	28.9	27.9
South Sudan									
Spain	22.9	20.4	16.6	17.9	18.1	17.8	16.8	16.6	16.8
Sri Lanka	53.8	47.6	50.7	45.4	43.1	42.5	43.4	43.1	42.7
Sudan	66.0	63.1	61.2	57.2	54.8	54.2	53.3	52.7	52.6
Suriname	13.9	17.9	17.8	17.6	18.3	18.6	18.6	18.4	18.0
Sweden	11.7	10.1	8.7	8.1	7.4	7.4	6.9	6.8	7.0
Switzerland	12.6	11.5	11.2	11.3	10.2	9.4	8.9	8.3	8.4
Syrian Arab Republic									
Tajikistan	64.3	58.2	55.7	52.0	49.7	48.8	48.9	48.5	43.5
Thailand	70.8	63.5	61.0	53.6	54.7	53.7	53.5	53.9	52.5
Timor-Leste	57.4	67.1	67.1	66.1	60.6	58.6	57.1	55.1	50.4

TABLE 12.
SHARE OF AGRIFOOD SYSTEMS EMPLOYMENT IN TOTAL EMPLOYMENT (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2018	2019	2020	2021	2022
Togo	84.2	82.4	63.6	59.7	63.0	62.1	61.4	60.9	60.4
Tonga	33.7	32.0	32.2	31.7	40.2	44.0	47.5	51.3	47.7
Trinidad and Tobago									
Tunisia	32.4	30.5	30.9	25.5	25.8	25.4	25.0	25.2	25.0
Türkiye	57.1	43.9	42.7	36.4	34.3	34.3	32.8	32.4	31.2
Turkmenistan									
Tuvalu									
Uganda	88.5	86.8	71.2	82.5	79.4	76.1	79.5	82.6	75.8
Ukraine	36.0	35.6	29.5	28.3	26.9	27.0	27.2	27.2	
United Arab Emirates	24.0	18.6	13.0	8.9	9.9	9.4	7.4	8.2	8.1
United Kingdom of Great Britain and Northern Ireland	11.1	10.0	8.7	8.8	8.6	8.0	8.0	7.6	7.9
United Republic of Tanzania	94.6	86.8	81.9	83.8	81.8	81.1	80.1	83.9	83.7
United States of America	13.1	11.6	11.8	11.8	11.6	11.7	10.7	10.9	11.0
Uruguay	24.5	23.9	26.2	21.6	21.2	21.1	20.1	20.7	21.0
Uzbekistan									
Vanuatu	74.5	72.6	73.2	63.1	57.5	56.2	55.4	53.0	52.0
Venezuela (Bolivarian Republic of)	10.6	27.0	24.1	21.5	9.3	10.7	11.1	11.2	10.9
Viet Nam	84.5	72.7	66.9	63.7	58.4	55.3	53.3	47.4	55.1
Yemen	73.4	45.4	38.3	47.1	46.7	29.1	29.4	29.3	28.8
Zambia	74.7	77.1	73.2	67.6	74.1	73.7	75.1	73.8	73.8
Zimbabwe	75.3	82.1	77.7	75.5	73.9	73.4	70.9	68.3	67.7

Source: FAO. 2025. FAOSTAT: Employment Indicators: Agriculture and agrifood systems. [Accessed on 28 October 2025].

<https://www.fao.org/faostat/en/#data/OEA>. Licence: CC-BY-4.0.

TABLE 13.
GROSS FIXED CAPITAL FORMATION (AGRICULTURE, FORESTRY AND FISHING) AS A SHARE OF VALUE ADDED (USD 2015 PRICES) (PERCENT)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
World	14.7	14.9	15.7	16.2	15.6	16.0	15.6	16.1	17.4
Africa	11.5	10.6	10.7	11.5	9.3	8.9	8.8	9.5	10.0
Americas	18.2	17.8	18.8	19.5	18.3	18.0	19.1	21.0	23.0
Asia	10.9	11.4	13.1	14.0	13.9	14.7	13.8	14.0	14.9
Europe	27.1	28.6	29.6	28.3	29.9	30.4	31.5	33.2	35.9
Oceania	28.0	32.1	28.5	26.0	27.9	25.3	24.6	25.7	28.3
Afghanistan	12.2	8.7	9.7	5.8	5.9	6.6	7.0	7.9	8.4
Albania	14.1	13.4	13.5	13.8	14.2	14.1	14.7	16.3	18.3
Algeria	18.6	14.4	9.4	10.9	11.5	11.6	11.7	13.9	13.9
Andorra	11.0	13.4	11.6	9.9	10.4	10.5	10.6	10.9	11.2
Angola	13.1	7.3	8.4	9.6	8.0	11.8	16.8	20.6	24.2
Antigua and Barbuda	6.2	5.2	6.8	6.4	9.0	7.2	9.6	10.7	10.2
Argentina	10.6	15.3	19.5	15.4	14.1	15.9	20.4	21.6	17.5
Armenia	15.4	9.8	10.1	5.9	8.6	10.7	11.3	12.8	15.9
Australia	33.7	38.7	31.4	29.0	32.7	28.7	27.3	28.2	30.2
Austria	65.8	64.0	67.4	52.6	52.8	58.8	72.5	55.7	56.9
Azerbaijan	1.9	1.5	12.9	10.1	12.1	8.0	8.5	8.7	8.5
Bahamas	10.6	11.4	10.4	15.7	18.8	10.5	12.9	10.9	9.8
Bahrain	11.6	6.9	11.9	8.0	9.9	8.6	11.5	10.3	13.9
Bangladesh	5.6	6.3	7.2	9.2	10.6	11.0	11.7	12.0	12.8
Barbados	5.0	6.0	5.5	5.6	4.3	4.3	4.6	5.7	4.6
Belarus	13.3	37.4	95.2	45.7	46.9	47.8	48.9	51.9	59.9
Belgium	24.8	27.8	36.9	40.6	59.1	58.6	58.8	69.8	60.0
Belize	8.5	5.4	4.4	5.5	3.9	4.3	3.7	3.9	3.9
Benin	4.1	5.2	5.2	7.1	7.6	7.7	8.3	6.7	7.1
Bhutan	5.8	6.8	10.9	12.5	15.2	14.4	16.5	17.9	20.8
Bolivia (Plurinational State of)	10.4	9.2	10.6	12.7	16.3	15.0	14.6	14.3	14.8
Bosnia and Herzegovina	11.3	13.0	13.4	14.6	15.3	14.9	15.2	14.1	15.6
Botswana	3.9	4.1	4.8	8.1	8.7	9.3	7.9	8.4	9.1
Brazil	8.4	7.0	6.9	5.7	5.8	5.7	8.0	7.9	8.6
Brunei Darussalam	13.1	11.4	12.2	17.1	19.2	17.7	15.2	15.5	17.8
Bulgaria	6.8	10.8	20.3	38.0	23.4	23.1	18.1	23.5	33.1
Burkina Faso	4.1	4.4	4.8	6.6	5.9	6.0	6.3	6.2	11.0
Burundi	1.1	1.8	2.9	3.3	3.4	3.1	2.8	2.8	2.8
Cabo Verde	10.9	14.0	13.5	13.4	17.3	14.5	15.5	16.6	11.0
Cambodia	2.6	3.7	5.6	7.4	7.8	9.3	9.5	10.8	9.9
Cameroon	7.8	7.5	8.5	9.7	9.8	10.0	10.1	9.7	10.0
Canada	23.8	17.1	20.1	18.9	21.9	18.4	20.9	18.8	21.1
Central African Republic	6.0	0.8	4.1	3.3	5.5	5.3	5.1	5.0	3.3
Chad	1.5	3.5	4.3	5.7	2.9	2.8	2.7	2.9	2.9
Chile	13.7	17.4	18.0	14.7	16.6	15.8	17.4	13.7	13.3
China, mainland	9.6	11.0	13.2	14.5	13.7	14.8	13.5	13.5	14.8
Colombia	5.5	6.7	7.6	5.6	8.6	8.6	8.9	11.5	13.3
Comoros	9.3	5.8	5.0	7.1	7.2	6.9	6.2	7.4	7.0

TABLE 13.
GROSS FIXED CAPITAL FORMATION (AGRICULTURE, FORESTRY AND FISHING) AS A SHARE OF VALUE ADDED (USD 2015 PRICES) (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Congo	9.2	12.9	9.9	13.1	13.5	15.3	12.8	9.9	11.6
Costa Rica	16.2	12.0	10.5	15.3	12.8	14.8	13.8	12.2	12.9
Côte d'Ivoire	3.7	3.9	7.0	9.6	9.3	9.7	8.5	8.5	13.2
Croatia	4.8	9.9	17.6	20.0	26.2	25.8	25.4	32.3	34.3
Cuba	4.8	5.1	6.5	7.8	7.4	9.2	10.8	14.2	9.3
Cyprus	19.3	12.4	7.2	4.4	8.1	12.5	12.7	12.8	19.3
Czechia	21.1	17.7	27.9	30.1	37.0	32.7	35.4	40.0	39.0
Democratic People's Republic of Korea									
Democratic Republic of the Congo	1.8	3.0	2.9	5.7	5.6	7.9	16.1	39.3	22.7
Denmark	62.0	66.9	45.5	49.8	45.6	44.8	51.2	73.8	74.9
Djibouti	0.8	2.6	2.5	7.9	6.1	5.6	4.8	5.5	6.6
Dominica	4.4	5.0	6.2	5.3	6.3	6.4	6.2	6.1	7.1
Dominican Republic	9.3	4.4	4.7	4.0	4.0	3.7	3.7	3.5	3.9
Ecuador	6.3	4.5	4.6	4.8	4.1	4.1	3.7	3.9	3.8
Egypt	15.9	4.8	2.9	3.5	4.5	4.8	4.7	5.0	5.3
El Salvador	12.9	14.5	13.9	15.0	14.5	15.1	14.5	14.0	15.1
Equatorial Guinea	7.1	16.9	14.8	11.8	12.4	12.8	12.6	11.5	8.7
Eritrea	5.5	6.3	4.8	5.1	5.1	5.3	4.4	4.2	4.5
Estonia	34.1	70.9	40.1	41.3	50.2	50.5	61.3	139.5	214.4
Eswatini	13.2	13.1	16.3	14.3	16.1	17.3	17.2	18.0	15.3
Ethiopia	2.0	2.1	3.4	6.6	7.9	7.9	8.3	7.5	6.7
Fiji	7.5	7.1	6.0	5.5	7.8	7.0	6.9	7.0	6.6
Finland	45.8	47.3	38.5	28.4	29.7	28.1	25.8	23.3	23.1
France	40.0	36.5	33.9	32.9	33.1	34.2	38.7	38.3	44.2
Gabon	8.5	7.2	8.8	10.2	16.9	16.6	15.6	16.3	17.6
Gambia	3.6	4.3	4.9	4.8	7.7	9.5	8.3	8.5	10.1
Georgia	8.8	9.8	6.9	8.0	7.9	6.9	6.1	6.6	8.7
Germany	39.6	46.5	40.4	46.1	43.9	42.5	39.1	43.5	37.9
Ghana	12.9	11.5	10.9	10.0	12.3	12.8	13.9	13.5	15.6
Greece	17.2	21.8	29.0	21.3	28.2	27.7	33.9	32.9	51.8
Grenada	12.7	32.1	9.9	1.1	7.3	12.5	9.3	10.8	18.1
Guatemala	16.7	14.3	12.7	11.9	11.8	12.1	11.6	11.1	12.3
Guinea	10.1	7.9	11.9	11.7	15.5	17.4	18.2	16.2	19.5
Guinea-Bissau	2.3	2.2	3.0	3.9	2.9	3.3	3.5	3.2	3.4
Guyana	7.9	8.6	8.3	7.0	6.0	5.3	5.9	6.3	8.1
Haiti	11.6	8.9	7.9	8.3	8.9	6.4	5.6	5.5	5.3
Honduras	15.7	13.5	12.1	16.5	12.3	12.5	14.2	17.4	21.6
Hungary	26.3	16.1	23.1	22.0	30.3	27.1	27.3	44.0	39.6
Iceland	21.4	15.4	12.2	26.5	19.9	19.0	20.8	14.1	12.0
India	6.9	9.1	13.0	12.9	13.9	14.7	13.7	14.6	15.7
Indonesia	14.1	13.0	14.3	15.3	15.3	15.5	15.7	15.5	16.4
Iran (Islamic Republic of)	7.4	6.9	10.3	9.9	8.9	7.4	8.0	8.6	9.1
Iraq	1.9	2.5	3.4	2.6	4.5	1.3	1.8	2.6	4.0
Ireland	45.5	36.3	30.4	45.0	38.2	35.8	38.0	42.8	41.7

TABLE 13.
GROSS FIXED CAPITAL FORMATION (AGRICULTURE, FORESTRY AND FISHING) AS A SHARE OF VALUE ADDED (USD 2015 PRICES) (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Israel	24.6	20.5	19.9	19.7	18.5	20.8	21.0	18.7	19.9
Italy	31.0	33.5	26.7	21.1	30.7	28.7	32.1	36.3	41.7
Jamaica	4.4	5.4	3.8	4.1	4.1	4.3	3.8	3.4	2.7
Japan	31.7	33.1	23.2	30.2	28.0	29.7	29.6	28.0	21.7
Jordan	17.4	5.0	5.2	5.7	12.4	13.3	12.1	15.5	16.9
Kazakhstan	5.7	6.4	7.4	8.9	9.2	9.9	10.3	10.2	12.3
Kenya	3.2	1.7	3.4	4.4	6.0	5.4	6.5	7.6	8.8
Kiribati	4.2	5.9	4.4	8.9	6.4	6.8	7.6	7.4	6.8
Kuwait	20.7	14.4	8.1	4.5	14.2	14.1	16.1	23.9	18.3
Kyrgyzstan	4.6	8.2	4.6	0.5	8.1	6.1	8.1	7.3	5.1
Lao People's Democratic Republic	7.4	5.7	7.4	9.1	12.2	12.8	12.3	16.4	17.3
Latvia	13.1	74.5	39.6	39.1	41.1	43.8	46.4	64.7	111.1
Lebanon	5.3	6.1	11.2	11.0	7.2	5.2	2.9	2.7	1.3
Lesotho	4.1	5.4	7.2	9.2	10.4	9.5	10.1	10.3	10.4
Liberia	1.7	3.1	2.2	4.6	5.1	5.8	5.6	5.5	14.2
Libya	33.5	8.3	10.8	7.0	12.2	16.0	14.9	14.7	17.7
Lithuania	22.2	37.0	43.6	50.0	45.0	39.4	47.2	56.0	69.9
Luxembourg	57.2	142.6	123.2	85.2	86.8	99.9	171.7	141.0	165.6
Madagascar	3.8	3.5	4.0	4.9	5.1	5.0	4.7	4.6	5.1
Malawi	2.7	3.8	3.8	5.0	5.7	10.2	10.3	11.3	11.7
Malaysia	5.7	5.6	8.2	10.6	10.6	9.9	10.6	11.2	11.7
Maldives	1.0	1.9	3.0	6.5	7.2	6.9	6.1	6.4	3.4
Mali	3.7	4.5	5.1	5.7	5.9	6.2	6.2	6.3	7.0
Malta	11.8	15.3	33.5	21.4	23.2	13.4	10.1	10.8	7.6
Marshall Islands	6.9	7.6	16.1	8.2	5.9	6.4	5.7	4.0	4.3
Mauritania	5.1	6.4	6.9	8.7	10.3	9.9	10.2	10.3	11.7
Mauritius	13.0	34.8	16.3	15.0	13.2	9.7	11.1	9.1	7.9
Mexico	28.4	14.9	8.3	10.1	7.3	7.1	8.0	9.8	13.2
Micronesia (Federated States of)	9.7	9.7	10.6	9.3	9.2	9.1	9.2	9.9	9.3
Mongolia	10.8	12.2	13.8	13.5	10.0	10.1	11.4	10.1	12.7
Montenegro	7.4	6.9	10.3	10.5	12.8	12.7	11.2	11.2	11.8
Morocco	19.1	17.9	19.8	20.1	20.3	18.8	19.4	18.4	17.9
Mozambique	1.9	3.0	5.3	5.7	5.1	5.2	4.7	4.3	5.4
Myanmar	3.6	5.2	7.3	8.1	10.7	10.6	8.1	8.0	8.1
Namibia	14.5	9.8	29.1	36.8	31.3	16.8	32.7	19.1	18.2
Nauru	2.5	3.4	6.7	7.5	6.4	6.5	6.7	6.5	5.7
Nepal	4.9	4.8	6.0	6.7	7.2	7.1	8.0	8.2	8.8
Netherlands (Kingdom of the)	38.3	35.1	39.3	40.1	40.2	39.6	33.5	36.2	31.9
New Zealand	19.7	22.9	29.1	26.8	27.2	23.1	24.1	30.5	33.3
Nicaragua	8.6	8.0	8.2	11.9	8.9	9.1	9.3	10.2	12.4
Niger	3.8	5.2	4.0	2.4	2.0	2.3	2.6	2.4	2.0
Nigeria	20.1	14.9	19.1	18.3	10.9	9.2	7.3	7.7	7.8
North Macedonia	4.7	3.4	3.9	7.1	9.7	6.5	7.9	7.5	7.0
Norway	46.8	34.2	29.1	27.4	38.3	33.2	36.3	38.4	45.2

TABLE 13.
GROSS FIXED CAPITAL FORMATION (AGRICULTURE, FORESTRY AND FISHING) AS A SHARE OF VALUE ADDED (USD 2015 PRICES) (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Oman	8.1	4.9	3.2	2.0	1.4	1.4	1.6	4.2	5.9
Pakistan	14.4	14.3	12.6	12.4	12.4	11.9	12.5	11.7	10.5
Palau	10.3	7.0	3.2	5.0	5.0	5.6	5.6	5.2	4.8
Panama	8.6	7.3	9.1	12.6	10.4	8.0	8.3	9.3	9.8
Papua New Guinea	5.2	5.5	8.8	7.2	7.1	8.3	8.9	8.0	9.4
Paraguay	11.2	11.6	11.7	9.0	9.4	9.6	13.2	14.2	15.1
Peru	6.5	6.3	8.8	9.7	11.4	10.9	11.0	11.5	14.0
Philippines	8.1	8.1	11.0	12.4	14.8	14.0	15.2	15.9	17.4
Poland	32.4	25.5	23.0	45.8	47.2	42.6	43.2	43.1	37.6
Portugal	32.8	30.3	27.4	29.5	27.8	29.7	29.6	26.9	25.8
Qatar									
Republic of Korea	31.6	20.7	16.3	15.3	13.5	16.3	17.2	15.5	17.6
Republic of Moldova									
Romania	11.0	10.2	29.9	26.4	21.6	24.2	21.5	35.0	38.1
Russian Federation	7.8	13.3	16.1	16.4	15.7	19.0	21.6	19.5	21.5
Rwanda	3.1	3.8	4.6	6.0	6.7	7.3	7.3	8.0	8.6
Saint Kitts and Nevis	20.8	11.9	12.6	9.8	12.3	12.2	13.1	13.1	12.1
Saint Lucia	5.7	9.7	9.5	5.8	4.1	4.6	4.1	3.8	4.2
Saint Vincent and the Grenadines	3.8	4.6	5.9	4.6	5.2	5.1	7.3	7.5	7.3
Samoa									
San Marino									
Sao Tome and Principe	2.9	5.6	2.8	4.6	7.2	9.8	7.7	7.9	7.8
Saudi Arabia	9.0	9.9	10.5	12.2	10.8	10.6	10.2	10.6	11.3
Senegal	4.6	5.9	6.6	9.1	10.3	10.5	11.1	13.2	14.4
Serbia	21.1	10.4	13.9	15.0	15.5	16.5	19.2	21.6	22.5
Seychelles	7.4	6.3	6.9	6.2	4.6	4.9	4.6	4.1	4.4
Sierra Leone	2.8	2.9	3.3	4.7	4.1	3.7	3.9	4.0	2.4
Singapore	42.7	51.1	50.7	49.1	51.5	51.1	49.6	52.0	51.9
Slovakia	88.0	114.3	44.4	33.8	43.0	35.0	32.1	38.6	37.2
Slovenia	31.1	36.0	29.5	34.9	45.9	36.5	41.8	44.0	54.3
Solomon Islands	3.4	8.1	12.5	8.8	10.8	10.3	9.8	9.9	10.3
Somalia	4.0	3.9	4.6	5.9	6.4	6.4	5.6	5.4	6.2
South Africa	20.4	25.7	20.5	26.8	26.7	24.5	23.8	22.6	27.0
South Sudan									
Spain	14.8	17.2	14.9	15.5	19.0	19.0	18.1	21.9	21.0
Sri Lanka	10.1	11.4	13.5	13.7	14.3	16.4	18.2	16.0	20.7
Sudan			8.2	10.3	4.5	4.1	3.9	5.3	
Suriname	20.4	13.8	10.0	11.0	11.0	9.9	11.7	10.8	13.9
Sweden	38.2	44.4	51.5	37.6	41.7	46.0	44.6	39.0	50.0
Switzerland	40.0	38.0	35.6	41.6	41.2	38.8	47.0	41.5	43.2
Syrian Arab Republic	1.8	2.4	2.2	14.0	48.2	61.5	50.4	65.2	37.2
Tajikistan	11.7	13.6	6.7	9.1	10.1	10.2	12.5	12.7	18.4
Thailand	11.2	14.4	18.0	17.4	17.3	17.8	17.8	18.0	19.1
Timor-Leste	8.9	6.6	12.1	12.1	10.2	8.3	8.5	7.9	7.5

TABLE 13.
GROSS FIXED CAPITAL FORMATION (AGRICULTURE, FORESTRY AND FISHING) AS A SHARE OF VALUE ADDED (USD 2015 PRICES) (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Togo	2.4	3.1	4.2	5.8	5.0	5.4	5.5	6.1	6.4
Tonga	11.1	11.7	12.1	12.1	17.2	14.3	11.9	12.3	10.9
Trinidad and Tobago	0.4	0.6	1.3	1.9	1.5	1.9	1.1	0.7	6.2
Tunisia	14.2	20.2	19.2	14.5	12.7	10.3	9.9	10.4	9.9
Türkiye	14.9	18.0	19.1	18.3	17.0	17.1	15.7	18.0	15.7
Turkmenistan	9.0	7.0	14.2	14.2	13.8	14.0	13.9	13.9	17.6
Tuvalu	4.3	3.2	7.5	6.9	5.8	9.6	7.9	7.9	7.3
Uganda	3.6	4.4	9.6	9.1	10.5	10.4	10.7	12.0	12.7
Ukraine	16.2	15.5	13.9	11.6	11.2	13.6	15.1	10.7	7.5
United Arab Emirates	8.4	8.7	8.4	10.4	10.2	14.1	9.1	9.7	11.0
United Kingdom of Great Britain and Northern Ireland	33.5	38.5	46.7	36.2	41.6	45.5	54.0	64.4	61.1
United Republic of Tanzania	3.3	3.3	4.7	7.1	9.9	9.0	8.4	8.8	9.8
United States of America	23.7	26.4	30.0	33.2	31.3	31.0	30.6	37.7	38.6
Uruguay	6.2	7.4	20.0	17.0	16.7	15.6	18.2	19.4	25.5
Uzbekistan	5.7	4.3	5.4	7.0	8.9	9.4	9.8	9.2	10.2
Vanuatu	7.4	6.5	9.7	12.4	16.3	15.9	14.8	13.8	25.6
Venezuela (Bolivarian Republic of)									
Viet Nam	4.2	5.2	9.8	13.1	15.4	17.0	16.7	16.6	18.3
Yemen	31.2	34.5	28.3	7.9	21.6	15.8	12.4	16.3	21.6
Zambia	9.4	14.3	17.0	15.9	8.8	7.2	8.4	9.8	13.6
Zimbabwe	7.2	177.9	6.9	11.4	10.4	7.8	5.8	5.6	5.1

Source: FAO. 2025. FAOSTAT: Capital Stock. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/CS>. Licence: CC-BY-4.0.

TABLE 14.
SHARE OF CENTRAL GOVERNMENT EXPENDITURE ON AGRICULTURE, FORESTRY AND FISHING IN TOTAL OUTLAYS (PERCENT)

COUNTRY	2001	2005	2010	2015	2019	2020	2021	2022	2023
World									
Africa									
Americas									
Asia									
Europe									
Oceania									
Afghanistan		4.7	4.7	1.9	2.1	2.6	0.8		
Albania			2.1	2.5	2.1	2.5	3.1	3.0	
Algeria			2.0	3.5	2.7	2.9	2.8	4.0	5.1
Andorra									
Angola	1.2	1.7	1.1	0.8	0.9	0.5	0.7	1.0	0.5
Antigua and Barbuda				0.8	1.2	2.7	1.6	1.4	1.4
Argentina	0.9	0.6	2.5	0.7	0.3	0.4	0.4	0.7	0.8
Armenia			4.2	2.4	2.0	1.7	2.3	2.7	
Australia	1.0	0.8	0.8	0.6	0.6	0.4	0.4	0.5	0.5
Austria									
Azerbaijan			2.9	2.9	3.6	3.4	1.3	2.9	
Bahamas	1.2	1.2	0.9	0.9	1.1	1.0	0.9	0.9	1.1
Bahrain	0.5	0.4		0.3	0.3	0.2	0.2	0.3	0.1
Bangladesh	4.6	5.4		7.8	6.4	6.1	6.7	5.7	7.0
Barbados		2.2	2.1	5.5	3.3	2.6	2.1	2.7	2.4
Belarus	11.3	14.3	11.0	7.4	6.1	6.3	8.1	7.4	7.6
Belgium	0.2	0.1	0.0	0.0					
Belize				1.2	1.2	1.3	1.0	1.1	1.3
Benin					3.2	5.0	3.3	3.9	3.9
Bhutan	7.0	11.0	11.0	11.4	10.3	11.8	12.2	10.2	8.9
Bolivia (Plurinational State of)	9.2	9.1	5.5						
Bosnia and Herzegovina				1.3	1.3	1.6	1.5	1.6	2.8
Botswana	4.1	4.5	2.9	5.1	3.7	3.7	2.8	3.3	2.4
Brazil	2.2	2.3	1.0	0.9	0.7	0.6	0.7	0.8	0.9
Brunei Darussalam			0.7	0.7	0.8	0.9	0.8		
Bulgaria	2.5	4.0	1.5	5.3	3.2	2.8	2.4	3.2	3.2
Burkina Faso			2.6		3.3	2.7	4.0	1.8	3.4
Burundi			1.1	2.4	3.1				
Cabo Verde	9.1	5.1	3.6	5.0	2.3	2.4	1.9	3.0	2.2
Cambodia	1.8	3.9	1.2	1.4	2.0	1.8	1.7	1.4	
Cameroon					2.8	4.7	4.4	2.4	
Canada			1.5	1.0	1.2	0.8	1.2	1.3	1.0
Central African Republic			3.7	13.2	8.2	5.9	6.7	7.1	6.2
Chad			5.9	5.6	4.1	4.7			
Chile	1.8	1.9	1.7	1.6	1.4	1.2	1.1	1.5	1.3
China, mainland		0.8	1.9	1.2	0.6	0.5	0.5	0.3	
Colombia			1.3	1.9					
Comoros					3.4				

TABLE 14.
SHARE OF CENTRAL GOVERNMENT EXPENDITURE ON AGRICULTURE, FORESTRY AND FISHING IN TOTAL OUTLAYS (PERCENT) (CONTINUED)

COUNTRY	2001	2005	2010	2015	2019	2020	2021	2022	2023
Congo		1.4	2.2	1.0					
Costa Rica	2.5	3.2	10.3	1.9	1.5	1.4	1.1	1.0	1.1
Côte d'Ivoire			2.1	2.9	1.9	1.3	2.7	1.3	0.9
Croatia	3.2	3.9	4.0	2.1	2.9	3.0	2.4	1.9	
Cuba				4.7	5.0				
Cyprus	6.1	3.8	2.5	2.2	1.8	1.8	2.0	2.1	
Czechia	2.5	3.5	3.5	3.3	1.7	3.4	3.3	3.1	2.3
Democratic People's Republic of Korea									
Democratic Republic of the Congo			2.8	2.8	1.3	1.4	1.8	2.2	2.1
Denmark	0.3	0.4	0.3	0.4	0.5	0.5	0.8	0.8	0.8
Djibouti	1.2								
Dominica					1.7	4.4	3.7	4.5	4.2
Dominican Republic	6.9	4.3	2.5	2.5	2.0	2.1	2.5	2.8	2.5
Ecuador	3.9	2.1	2.3	2.6	0.8	0.6	0.6	0.6	
Egypt	6.8	2.5	1.9	1.7	1.2	1.3	1.4	1.7	1.7
El Salvador	2.3	1.0	1.8	1.8	0.9	1.3	1.2	1.7	2.0
Equatorial Guinea					1.2	1.4	1.3	1.0	
Eritrea									
Estonia	2.4	1.9	1.8	1.5	1.3	1.1	1.6	1.1	
Eswatini			5.4	2.1	1.5	1.5			
Ethiopia	4.0	15.9		7.2	3.5	3.3	3.2	3.0	3.2
Fiji		3.1	2.8	5.0	5.1	4.4	3.8	3.9	3.6
Finland	5.8	5.5	4.6	3.5	2.6	2.4	2.2	2.4	
France	0.6	0.7	0.6	0.7	0.6	0.5	0.6	0.7	
Gabon				0.3	0.9	0.9	1.0	1.4	1.5
Gambia					1.3	2.7	1.8	1.9	
Georgia	1.6	1.9	0.4	2.7	2.2	2.6	3.3	3.6	2.9
Germany									
Ghana	0.9	0.7	0.8	0.8	0.8	1.1	1.2	0.4	0.5
Greece	0.4	0.5	0.3	0.6	0.7	1.0	0.8	0.9	
Grenada				3.5	1.3	1.5	1.6	1.2	0.8
Guatemala	3.0	3.0	2.1	1.2	1.3	0.8	0.9	1.1	1.0
Guinea			1.7	4.9	3.8	3.6	0.3	0.9	1.0
Guinea-Bissau			14.5	4.6	5.4	5.8	2.7	1.5	
Guyana		4.6	6.5	12.7	7.7	7.0	6.5	6.2	4.4
Haiti				1.4	3.4	4.7	1.5	1.2	1.2
Honduras	5.2	3.9	2.1	1.5	2.7	1.5	2.3	2.5	2.5
Hungary	5.3	3.8	1.4	1.5	1.4	1.4	1.1	1.1	
Iceland	4.7	4.2	2.8	2.6	2.2	1.9	1.9	2.0	1.9
India	5.0	5.0	7.5	8.9					
Indonesia	1.4	1.4	0.9	3.1	2.5	2.1	1.8	1.7	2.1
Iran (Islamic Republic of)		4.3			0.8	0.8	0.9		
Iraq									
Ireland	3.3	1.9	0.8	1.1	1.3	1.2	1.1	1.2	

TABLE 14.
SHARE OF CENTRAL GOVERNMENT EXPENDITURE ON AGRICULTURE, FORESTRY AND FISHING IN TOTAL OUTLAYS (PERCENT) (CONTINUED)

COUNTRY	2001	2005	2010	2015	2019	2020	2021	2022	2023
Israel	0.8	0.5	0.4	0.5	0.4	0.4	0.3	0.4	0.3
Italy	1.1	0.4	0.4	0.3	0.4	0.5	0.5	0.4	
Jamaica	1.9	1.6	2.0	2.6	1.7	1.7	1.3	2.1	2.4
Japan									
Jordan	3.5	2.0	0.8	0.8	0.7	0.6	0.6	0.6	0.6
Kazakhstan	39.0	3.7	4.7	2.4	1.8	2.0	1.9	19.6	0.1
Kenya	4.8	3.9	3.9	1.6	1.8	2.2	2.5	2.2	2.5
Kiribati	3.3	2.5	2.0	1.2	1.4	1.2	1.2		
Kuwait	0.6	0.7		0.5					
Kyrgyzstan	5.5	5.1	1.7	1.4	1.2	1.1	1.0	1.2	1.5
Lao People's Democratic Republic					0.8				
Latvia	5.5	4.2	5.8	1.7	2.4	2.6	1.8	1.6	
Lebanon	0.3	0.3		0.4	0.2	0.2	0.2	0.5	
Lesotho	4.2	3.5			2.3	2.6	2.3		
Liberia		1.3	2.4	1.0	1.0	0.8	0.8	0.7	0.5
Libya									
Lithuania	5.1	4.2	3.7	3.4	1.5	1.6	0.9	1.3	
Luxembourg	1.1	1.0	0.9	1.1	0.9	0.8	0.9	0.8	1.0
Madagascar	9.8	9.5	3.9	3.3	4.4	3.3	4.2	3.2	4.3
Malawi	6.9	14.7	17.8	24.7	10.1				
Malaysia	2.9	3.4	3.2	3.1	1.8	1.5	1.4	1.3	1.4
Maldives	1.3	1.1	1.3	0.3	0.3	0.3	0.3	0.4	
Mali	14.1	17.7			9.2	8.5	15.0	12.0	3.6
Malta	1.5	2.5	1.7	1.3	1.0	0.9	0.9	1.0	
Marshall Islands			2.3	2.5	3.5				
Mauritania				4.2	3.0	3.9	7.0	4.3	5.0
Mauritius	4.6	3.7	4.3	2.3	2.3	2.3	1.9	1.5	1.3
Mexico	3.4	3.5	3.4	2.6	1.3	1.0	1.0	1.0	1.3
Micronesia (Federated States of)			3.0	1.8	6.0	4.1			
Mongolia	3.8		5.6	1.6	2.2	2.8	1.5	1.4	2.0
Montenegro			0.7	0.6	1.2	1.2	1.4	1.5	1.1
Morocco				3.8	3.5	3.3	4.4	4.4	4.6
Mozambique	5.3	4.6	4.0	1.9	1.3	1.2	1.0	0.9	
Myanmar	9.6	0.1		3.9	4.3				
Namibia	5.3	5.1	3.3	2.0	2.1	1.8	1.6	1.7	2.0
Nauru				1.4	1.2	1.0	1.1	1.3	
Nepal	5.1	8.2	8.6	8.9	5.0	4.7	5.0	5.8	7.1
Netherlands (Kingdom of the)	1.3	0.8	0.7	0.5	0.4	0.5	0.5	0.6	
New Zealand		1.4		0.5	0.4	0.3	0.3	0.2	0.3
Nicaragua	2.7	2.4	1.6	0.8	1.1	1.3	1.2	1.1	0.6
Niger				6.0	4.7	5.6	4.1	5.1	
Nigeria		4.0	2.5	0.8	2.5	1.9	2.1		
North Macedonia					4.3	4.1	4.2	3.5	3.5
Norway	3.0	2.0	1.8	1.5	1.5	0.9	1.4	1.3	1.5

TABLE 14.
SHARE OF CENTRAL GOVERNMENT EXPENDITURE ON AGRICULTURE, FORESTRY AND FISHING IN TOTAL OUTLAYS (PERCENT) (CONTINUED)

COUNTRY	2001	2005	2010	2015	2019	2020	2021	2022	2023
Oman	0.8	0.7	0.8	0.4	0.5	0.7	0.7	0.4	
Pakistan	0.6	0.3	3.1	1.3	1.0	1.0	0.9	0.8	0.8
Palau			0.6	0.5	0.6				
Panama	2.7	1.7	1.7	1.9	2.2	2.6	2.5		
Papua New Guinea	2.3	0.9	2.6	1.3	1.3	3.1	1.5	1.4	1.7
Paraguay	3.6	2.2	3.1	2.3	1.2	1.2	1.7	1.3	1.6
Peru				1.8	1.4	1.4	1.1	1.1	2.0
Philippines	4.4	4.2	5.9	4.1	2.4	2.6	2.4	2.3	2.8
Poland	2.5	3.4	2.6	1.5	2.0	1.8	1.6	2.6	
Portugal	1.8	1.2	0.7	0.8	0.7	0.6	0.6	1.0	
Qatar		1.9							
Republic of Korea	5.7	4.5	4.5	4.1	3.4	3.2	3.2	2.7	
Republic of Moldova	1.4	6.3	4.5	7.3	3.4	4.0	3.7	3.9	3.6
Romania	2.7	4.6	3.8	2.9	2.3	2.9	2.3	2.2	
Russian Federation	1.8	1.0	0.4	1.8	1.8	1.3	1.6		
Rwanda			3.9		5.1	3.7	3.6	3.3	2.5
Saint Kitts and Nevis						2.9	1.5	1.8	
Saint Lucia					2.2	2.6	2.0	2.2	2.3
Saint Vincent and the Grenadines				2.6	2.0	2.5			
Samoa			2.1	3.6	9.6	6.6	4.8	2.8	4.4
San Marino					1.2	1.0	0.8	0.6	
Sao Tome and Principe			3.3	4.3	4.2	3.3	3.7	1.9	3.2
Saudi Arabia					0.1	0.2	0.4	0.4	0.3
Senegal					4.8	4.6	4.3	5.2	5.7
Serbia		2.1	2.0		3.5	3.3	3.4	4.1	
Seychelles			1.5	2.4	0.5	0.7	4.0	3.5	2.4
Sierra Leone				2.5	1.2			0.5	
Singapore	0.2	0.2	0.2	0.3	0.2	0.1	0.2	0.2	0.2
Slovakia	4.2	4.0	4.3	1.4	1.1	1.1	0.9	1.2	
Slovenia	3.1	2.2	1.5	1.7	1.9	1.6	1.8	1.9	
Solomon Islands				3.7	3.7	3.0	3.8	5.6	3.2
Somalia									
South Africa	1.7	2.1	1.9	1.5	1.2	1.3	1.0	1.2	1.6
South Sudan									
Spain	0.4	0.4	0.2	0.2	0.2	0.1	0.2	0.2	
Sri Lanka	3.6	4.0	5.3	6.3	4.6	4.6	4.2	4.8	3.6
Sudan									
Suriname				3.0	3.9	4.6	1.7	0.8	
Sweden	0.6	0.7	0.6	0.4	0.5	0.4	0.5	0.5	0.4
Switzerland	7.6	7.0	5.8	5.4	5.1	4.1	4.1	4.6	
Syrian Arab Republic		3.9	3.2	1.9	0.9	0.9	0.7	0.6	
Tajikistan	3.5						3.4	4.6	
Thailand	7.6	5.5	4.5	7.7	7.0	6.4	6.1	4.5	6.4
Timor-Leste			2.1	2.2					

TABLE 14.
SHARE OF CENTRAL GOVERNMENT EXPENDITURE ON AGRICULTURE, FORESTRY AND FISHING IN TOTAL OUTLAYS (PERCENT) (CONTINUED)

COUNTRY	2001	2005	2010	2015	2019	2020	2021	2022	2023
Togo				7.2	4.2	2.1	3.1	2.4	
Tonga			5.8	3.2	4.0	3.5			
Trinidad and Tobago	3.1	3.4	1.6	1.1	1.1	1.1	1.2	1.3	
Tunisia	9.9	6.6	5.5	4.7	3.5	4.1	5.8		2.8
Türkiye	2.2		3.9	4.2	3.5	3.4	2.9	3.0	3.3
Turkmenistan				3.2	1.9	2.3	2.0		
Tuvalu			3.3	2.5					
Uganda	4.0	3.1	4.8	3.8	3.3	2.6	2.3	2.5	
Ukraine	2.5	3.3	2.4	0.9	1.3	1.1	1.1	0.4	0.2
United Arab Emirates				0.0	0.0	0.0	0.1	0.0	0.0
United Kingdom of Great Britain and Northern Ireland	0.9	0.6	0.4	0.3	0.3	0.5	0.6	0.6	
United Republic of Tanzania		4.6	3.5	1.7	1.5	0.7	1.4	3.7	8.4
United States of America	2.5	1.9	1.0	0.9	1.2	1.4	0.8	0.7	0.7
Uruguay	1.6	2.0	1.0	0.9	0.8	0.9			
Uzbekistan				12.9	5.7	2.0	2.5	4.4	1.8
Vanuatu		2.7	1.9	3.2	2.0	3.6			
Venezuela (Bolivarian Republic of)	1.6	2.2	2.8						
Viet Nam			2.2						
Yemen		1.0	0.7						
Zambia	1.4	4.5	6.6	10.3	5.4	3.4	2.1		
Zimbabwe				11.2					

Source: FAO. 2025. FAOSTAT: Government Expenditure. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/IG>.
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TABLE 15.
PESTICIDE USE (TONNES)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
World	2 175 911	2 535 056	3 033 413	3 320 624	3 486 251	3 507 246	3 769 811	3 802 160	3 728 427
Africa	73 686	98 426	130 761	158 212	201 709	209 235	209 504	209 490	211 177
Americas	890 503	1 096 203	1 300 053	1 456 703	1 631 358	1 726 081	1 830 813	1 893 062	1 836 279
Asia	726 713	840 975	1 102 080	1 131 779	1 075 236	941 670	1 067 106	1 055 698	1 046 295
Europe	446 630	459 330	451 215	515 162	469 375	500 871	512 445	473 525	444 318
Oceania	38 379	40 122	49 303	58 768	108 573	129 389	149 943	170 385	190 359
Afghanistan									
Albania	308	365	590	538	746	402	433	296	296
Algeria	2 537	2 811	1 870	4 517	6 067	6 067	6 067	6 067	6 067
Andorra	19	12	13	16	14	16	17	17	16
Angola	40	40	40	40	40	40	40	40	40
Antigua and Barbuda	260	410	342	176	220	250	251	247	229
Argentina	84 189	138 669	235 739	203 807	241 294	241 520	262 507	262 507	262 507
Armenia	70	221	279	488	527	639	914	892	1 012
Australia	33 475	34 310	42 169	50 922	100 511	120 949	141 387	161 826	182 264
Austria	3 563	3 404	3 692	3 778	4 954	5 566	5 791	6 069	5 251
Azerbaijan	149	149	334	530	543	543	543	543	543
Bahamas	461	436	87	178	178	178	178	178	178
Bahrain	9	13	10	12	34	31	30	14	18
Bangladesh	3 170	8 091	13 251	13 364	15 386	15 506	15 506	15 506	15 506
Barbados	156	135	114	93	77	73	68	68	68
Belarus	1 817	3 647	3 387	1 464	4 171	4 589	4 117	4 231	4 853
Belgium	9 560	9 776	4 645	6 487	5 950	5 677	5 866	5 190	4 801
Belize	1 296	960	700	1 067	1 063	1 335	1 123	1 331	1 496
Benin	1 015	583	2 093	1 525	5 679	5 624	5 049	6 403	7 133
Bhutan	3	2	7	11	180	160	174	181	153
Bolivia (Plurinational State of)	3 771	7 146	12 969	15 962	17 910	19 295	18 307	19 174	15 785
Bosnia and Herzegovina	2 193	2 183	2 135	2 287	2 509	2 723	2 723	2 723	2 723
Botswana	374	328	390	615	995	1 193	1 386	1 405	1 272
Brazil	141 130	233 367	360 735	497 626	620 538	685 746	719 507	800 652	800 652
Brunei Darussalam	198	338	159	172	216	286	289	242	167
Bulgaria	2 876	2 232	1 589	1 542	6 660	4 226	4 482	4 385	3 430
Burkina Faso	750	1 581	1 043	2 046	2 793	2 849	3 038	3 498	3 838
Burundi	110	305	265	73	50	50	50	50	50
Cabo Verde	7	5	5	5	5	5	5	5	5
Cambodia	445	444	1 198	5 091	11 820	15 273	17 264	18 810	19 305
Cameroon	545	2 255	3 470	5 838	8 195	10 661	9 906	9 906	9 906
Canada	39 718	36 382	61 050	75 318	78 893	92 960	97 692	95 645	95 645
Central African Republic	42	31	48	24	49	63	204	199	260
Chad	53	53	53	44	48	49	50	52	52
Chile	4 802	6 429	6 895	9 651	12 944	14 129	16 997	17 611	17 659
China	250 632	284 981	339 850	346 087	273 570	258 758	244 863	235 724	229 026
Colombia	75 843	117 881	48 618	33 689	36 711	39 324	78 231	78 231	19 419

TABLE 15.
PESTICIDE USE (TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Comoros	12	2	25	15	26	33	37	40	40
Congo	323	428	599	691	579	724	1 488	2 198	2 854
Costa Rica	14 283	12 066	14 241	11 868	11 867	11 842	9 172	9 128	9 451
Côte d'Ivoire	90	70	50	30	92	89	23	23	23
Croatia	2 723	2 184	1 605	2 311	1 564	1 655	1 470	1 508	1 224
Cuba	3 657	3 539	3 716	3 979	1 961	1 325	957	778	788
Cyprus	745	678	632	1 057	1 231	1 191	1 104	1 010	825
Czechia	4 533	5 385	4 957	6 311	5 053	4 360	4 480	5 543	4 573
Democratic People's Republic of Korea									
Democratic Republic of the Congo	1 106	1 106	1 106	1 130	1 014	962	953	1 369	1 626
Denmark	3 174	3 246	3 894	2 584	2 661	3 167	2 975	3 257	3 314
Djibouti	19	19	21	36	48	51	44	107	133
Dominica									
Dominican Republic	5 082	3 516	6 317	5 028	5 571	4 072	2 574	1 984	1 984
Ecuador	17 948	18 391	31 637	44 565	34 081	28 018	33 448	31 534	35 220
Egypt	4 931	5 471	11 590	8 044	12 909	11 748	10 545	9 469	11 635
El Salvador	2 699	1 923	3 599	1 747	2 526	3 102	3 835	1 542	2 787
Equatorial Guinea	17	61	180	109	78	80	78	77	78
Eritrea	25	28	28	28	28	28	28	28	28
Estonia	315	386	514	595	745	767	886	777	709
Eswatini	552	1 092	487	582	1 148	1 239	1 282	1 273	1 211
Ethiopia	602	1 401	4 128	4 128	4 128	4 128	4 128	4 128	4 128
Fiji	290	399	602	687	612	612	612	612	612
Finland	3 608	4 956	3 807	4 010	4 034	4 917	4 100	3 327	3 251
France	97 878	78 265	61 903	66 629	54 304	64 789	70 100	67 872	65 415
Gabon	349	507	818	1 098	1 144	1 059	1 130	1 027	958
Gambia	223	866	260	344	501	418	389	432	556
Georgia	3 081	3 081	3 081	1 351	2 564	2 863	2 501	2 727	2 938
Germany	35 273	36 386	40 832	47 851	45 181	47 974	48 712	48 169	40 494
Ghana	82	174	1 389	8 884	9 689	9 689	9 689	9 689	9 689
Greece	10 627	13 959	5 608	4 180	4 867	4 901	4 712	3 988	4 217
Grenada	98	114	103	117	116	110	117	123	129
Guatemala	11 282	13 506	14 898	10 040	11 002	14 242	13 228	14 175	12 982
Guinea	247	359	556	426	111	111	111	111	111
Guinea-Bissau	42	82	82	82	82	82	82	82	82
Guyana	182	207	288	315	368	393	419	454	458
Haiti	372	434	1 038	387	703	775	865	1 066	1 126
Honduras	4 376	3 666	5 737	8 114	8 214	11 722	10 533	10 109	9 684
Hungary	4 151	9 676	10 300	9 489	7 815	8 679	8 879	8 578	6 443
Iceland	4	5	3	4	1	1	1	2	2
India	44 958	35 342	40 094	40 094	40 094	40 094	40 094	40 094	40 094
Indonesia	142 709	178 527	313 639	313 069	274 421	213 036	283 297	294 670	294 935
Iran (Islamic Republic of)	9 395	7 808	4 382	6 687	4 977	5 856	5 856	5 856	5 856

TABLE 15.
PESTICIDE USE (TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Iraq	548	873	744	197	361	437	514	576	576
Ireland	1 942	2 625	2 529	3 504	2 972	2 910	3 091	2 720	2 274
Israel	3 459	5 879	6 753	6 367	6 983	7 334	6 827	6 370	6 370
Italy	79 447	84 647	71 613	63 085	48 405	56 373	50 177	44 424	39 571
Jamaica	1 379	1 373	1 034	1 051	1 500	1 853	1 642	1 642	1 642
Japan	79 821	63 830	55 576	54 171	51 970	48 889	48 783	50 320	45 574
Jordan	553	1 736	933	666	662	462	401	525	650
Kazakhstan	3 024	3 667	6 284	10 589	13 102	14 492	18 324	8 811	8 811
Kenya	1 979	2 085	2 758	4 764	6 587	6 228	5 141	5 110	5 162
Kiribati	4	7	10	24	25	31	33	33	33
Kuwait	690	1 137	1 223	2 034	1 341	1 493	1 411	1 298	1 181
Kyrgyzstan	681	1 081	350	516	677	693	608	578	578
Lao People's Democratic Republic	1	4	2	50	187	187	187	187	187
Latvia	285	724	1 028	1 510	1 651	1 900	1 984	1 823	1 666
Lebanon	1 816	1 816	1 816	1 816	1 816	1 816	1 816	1 816	1 816
Lesotho	7	15	7	55	113	222	240	489	551
Liberia	417	417	417	417	775	853	1 073	1 124	1 043
Libya	693	3 404	2 309	1 045	1 403	1 714	1 713	1 713	1 713
Lithuania	688	1 049	1 804	2 789	2 352	2 587	2 613	3 614	3 013
Luxembourg	154	154	154	138	143	147	130	117	116
Madagascar	130	115	242	401	746	766	701	834	720
Malawi	210	296	584	2 218	1 659	1 519	1 420	2 036	2 036
Malaysia	30 206	37 579	60 196	63 308	47 805	36 077	45 671	25 609	30 123
Maldives	74	114	75	128	395	376	372	388	461
Mali	52	23	8	4	4	4	4	4	4
Malta	182	118	110	129	76	96	109	101	106
Marshall Islands									
Mauritania	27	54	62	288	394	377	421	571	698
Mauritius	629	818	876	853	690	641	635	795	563
Mexico	26 625	39 172	52 305	48 293	39 903	38 883	40 811	41 676	37 298
Micronesia (Federated States of)	20	17	11	12	12	12	12	12	12
Mongolia	116	116	116	2 115	4 115	4 615	5 115	5 115	5 115
Montenegro			66	76	102	119	111	94	86
Morocco	13 435	13 966	13 697	13 697	13 697	13 697	13 697	13 697	13 697
Mozambique	137	265	393	521	844	1 013	1 068	2 037	3 287
Myanmar	558	1 449	3 340	7 691	17 337	11 749	11 749	11 749	11 749
Namibia	1 322	355	657	931	910	1 010	1 163	1 192	1 188
Nauru	5	1	0	4	6	6	7	6	7
Nepal	112	128	332	574	809	682	783	1 175	1 175
Netherlands (Kingdom of the)	11 383	10 704	9 586	9 958	9 199	9 867	9 347	8 732	7 263
New Zealand	3 634	4 257	5 285	5 285	5 285	5 285	5 285	5 285	5 285
Nicaragua	3 926	9 392	12 242	7 846	7 808	15 658	13 710	12 907	15 040
Niger	62	25	11	41	22	20	35	26	26

TABLE 15.
PESTICIDE USE (TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Nigeria	3 880	15 336	26 873	31 255	53 954	57 269	57 638	52 552	48 184
North Macedonia	296	149	98	98	98	98	98	98	98
Norway	348	519	699	631	604	688	710	762	629
Oman	45	151	256	333	305	295	284	415	415
Pakistan	26 702	26 702	26 702	26 702	26 702	26 702	26 702	26 702	26 702
Palau	7	7	5	21	25	25	25	25	25
Panama	1 099	2 677	1 949	2 440	872	4 393	14 533	11 150	9 849
Papua New Guinea	235	355	438	930	1 028	1 104	1 175	1 211	1 211
Paraguay	3 507	15 263	21 113	18 908	16 454	17 435	16 008	16 804	18 476
Peru	2 257	3 578	6 226	8 871	10 568	13 401	11 493	9 401	10 615
Philippines	17 383	18 304	21 311	23 251	24 879	34 715	37 660	37 660	37 660
Poland	8 848	16 039	19 449	23 996	24 253	24 616	26 949	22 300	19 963
Portugal	15 470	16 353	13 774	10 003	9 866	9 706	9 583	9 040	7 857
Qatar	342	833	3 185	893	843	946	1 152	1 126	1 089
Republic of Korea	25 684	24 506	20 431	19 482	16 745	17 132	19 014	19 882	20 402
Republic of Moldova	2 869	2 395	2 466	2 739	3 375	3 355	5 167	6 979	6 979
Romania	9 427	7 566	7 249	11 484	9 047	8 700	8 369	7 957	9 157
Russian Federation	30 194	37 249	44 305	51 360	77 307	90 535	97 018	97 018	97 018
Rwanda	147	223	954	2 484	2 027	2 027	2 027	2 027	2 027
Saint Kitts and Nevis	200	101	90	115	101	101	101	101	101
Saint Lucia	262	281	215	264	221	242	257	264	264
Saint Vincent and the Grenadines	277	334	175	152	121	126	132	121	109
Samoa	7	35	63	91	112	185	272	436	252
San Marino									
Sao Tome and Principe	5	7	19	16	21	25	25	22	19
Saudi Arabia	3 024	3 876	4 815	7 141	10 597	7 375	7 126	6 877	3 213
Senegal	491	466	696	709	438	576	576	576	576
Serbia			1 941	3 257	2 594	2 519	2 267	2 288	2 249
Seychelles	62	68	630	85	104	118	121	119	110
Sierra Leone	225	88	160	342	361	361	361	361	361
Singapore									
Slovakia	1 457	1 546	1 881	2 244	2 356	2 334	2 275	1 980	1 792
Slovenia	1 468	1 384	1 134	1 047	973	964	907	826	695
Solomon Islands	24	32	54	60	40	40	40	40	40
Somalia	21	92	126	356	617	722	747	747	747
South Africa	26 857	29 697	33 599	37 740	39 144	41 643	42 620	42 244	42 041
South Sudan									
Spain	34 597	41 017	39 043	77 217	75 190	75 775	76 174	56 353	52 907
Sri Lanka	1 696	1 742	1 451	2 540	1 526	2 573	2 778	2 140	1 799
Sudan				3 058	4 083	4 083	4 083	4 083	4 083
Suriname	176	402	478	978	378	907	992	2 149	2 149
Sweden	1 721	2 132	1 982	2 321	1 801	2 047	2 138	2 338	2 033
Switzerland	1 577	1 388	2 148	2 207	1 921	1 885	2 220	2 166	1 531

TABLE 15.
PESTICIDE USE (TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Syrian Arab Republic	1 107	1 579	1 614	1 897	1 897	1 897	1 897	1 897	1 897
Tajikistan	130	128	126	125	469	439	570	630	684
Thailand	20 334	43 831	68 986	26 168	28 074	19 007	8 745	5 806	3 273
Timor-Leste	3	3	18	45	89	119	138	152	152
Togo	321	203	242	1 118	1 425	1 425	1 425	1 425	1 425
Tonga	11	11	11	12	22	21	21	20	20
Trinidad and Tobago	212	136	126	1 173	1 173	1 173	1 173	1 173	1 173
Tunisia	1 412	1 493	2 175	2 817	3 511	3 412	3 299	3 247	3 195
Türkiye	33 471	40 332	38 555	39 026	51 190	53 490	52 876	55 218	57 576
Türkmenistan	905	828	828	828	1 294	1 255	1 647	1 647	1 647
Tuvalu	1	2	2	2	2	2	2	2	2
Uganda	1 634	1 712	2 990	6 298	6 240	6 027	7 027	8 343	9 510
Ukraine	27 344	23 022	61 892	64 306	24 325	24 622	26 974	19 435	19 356
United Arab Emirates									
United Kingdom of Great Britain and Northern Ireland	33 031	31 415	16 771	21 446	18 993	15 023	14 794	16 983	16 983
United Republic of Tanzania	1	1	1	1	1	1	1	1	1
United States of America	430 005	409 730	374 818	423 475	444 240	439 593	438 087	427 232	429 501
Uruguay	3 650	9 167	14 896	13 990	16 446	16 446	16 446	16 446	16 446
Uzbekistan									
Vanuatu	65	68	48	16	16	16	16	16	16
Venezuela (Bolivarian Republic of)	3 928	3 928	3 928	3 928	3 928	3 928	3 928	3 928	3 928
Viet Nam	16 502	36 584	57 105	102 408	134 742	89 335	148 669	161 908	161 908
Yemen	899	1 249	695	1 357	1 147	1 504	1 504	1 504	1 504
Zambia	2 180	2 818	3 455	4 093	4 197	4 197	4 197	4 197	4 197
Zimbabwe	2 953	3 129	3 305	2 185	2 185	2 185	2 185	2 185	2 185

Source: FAO. 2025. FAOSTAT: Pesticides Use. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/RP>. Licence: CC-BY-4.0.

TABLE 16.
PESTICIDE USE PER CROPLAND AREA (KG PER HA)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
World	1.47	1.70	2.01	2.16	2.25	2.26	2.42	2.44	2.40
Africa	0.32	0.40	0.49	0.56	0.68	0.70	0.70	0.69	0.69
Americas	2.41	2.96	3.54	3.92	4.41	4.62	4.90	5.08	4.97
Asia	1.33	1.52	1.97	2.02	1.92	1.68	1.90	1.88	1.86
Europe	1.47	1.56	1.55	1.78	1.62	1.75	1.79	1.66	1.55
Oceania	1.49	1.40	1.75	1.75	3.26	3.88	4.39	5.01	5.64
Afghanistan									
Albania	0.44	0.55	0.85	0.77	1.07	0.58	0.63	0.43	0.44
Algeria	0.31	0.34	0.22	0.53	0.71	0.72	0.72	0.71	0.71
Andorra	18.55	15.50	16.52	20.10	17.97	20.92	22.88	22.27	21.55
Angola	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Antigua and Barbuda	34.89	34.89	34.89	35.19	36.59	36.59	36.59	36.59	36.59
Argentina	2.94	3.99	6.04	4.93	5.76	5.62	6.06	5.94	6.33
Armenia	0.14	0.44	0.55	0.97	1.04	1.27	1.81	1.77	2.01
Australia	1.41	1.28	1.62	1.62	3.25	3.90	4.47	5.11	5.81
Austria	2.42	2.35	2.58	2.68	3.56	4.00	4.16	4.37	3.79
Azerbaijan	0.07	0.07	0.16	0.24	0.23	0.23	0.23	0.23	0.23
Bahamas	31.23	28.62	8.70	16.19	16.19	16.19	16.19	16.19	16.19
Bahrain	1.47	2.37	2.03	2.79	8.30	7.67	7.38	3.31	4.31
Bangladesh	0.36	0.93	1.53	1.56	1.75	1.76	1.76	1.76	1.76
Barbados	9.75	9.65	8.79	10.38	9.59	9.07	8.55	8.55	8.55
Belarus	0.29	0.64	0.60	0.25	0.72	0.80	0.72	0.74	0.86
Belgium	10.83	11.31	5.43	7.61	6.75	6.39	6.60	5.85	5.42
Belize	13.09	9.41	6.55	8.89	8.57	10.27	8.51	10.08	11.33
Benin	0.38	0.20	0.71	0.43	1.39	1.45	1.24	1.49	1.71
Bhutan	0.02	0.01	0.06	0.10	1.80	1.54	1.62	1.64	1.34
Bolivia (Plurinational State of)	1.14	1.78	2.78	3.06	3.25	3.49	3.24	3.30	2.71
Bosnia and Herzegovina	1.99	1.95	1.93	2.03	2.24	2.43	2.44	6.04	6.13
Botswana	1.07	1.53	1.50	2.35	3.80	4.55	5.29	5.36	4.85
Brazil	2.57	3.91	5.85	7.90	9.78	10.81	11.34	12.63	12.63
Brunei Darussalam	24.71	37.61	15.88	17.20	21.61	28.60	28.87	24.20	16.69
Bulgaria	0.76	0.66	0.47	0.42	1.84	1.16	1.23	1.22	0.95
Burkina Faso	0.14	0.27	0.16	0.27	0.34	0.34	0.36	0.41	0.45
Burundi	0.08	0.23	0.20	0.05	0.03	0.03	0.03	0.03	0.03
Cabo Verde	0.15	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09
Cambodia	0.12	0.12	0.31	1.23	2.66	3.35	3.73	4.05	4.15
Cameroon	0.08	0.31	0.45	0.75	1.05	1.36	1.26	1.26	1.25
Canada	0.97	0.91	1.61	1.96	2.03	2.42	2.54	2.48	2.50
Central African Republic	0.02	0.02	0.02	0.01	0.02	0.02	0.08	0.08	0.10
Chad	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Chile	2.28	3.41	3.78	4.82	6.69	7.39	8.35	9.50	9.23
China	1.91	2.13	2.51	2.63	2.12	2.01	1.90	1.83	1.78
Colombia	16.69	32.63	14.50	9.19	7.95	8.36	16.32	16.02	3.89
Comoros	0.10	0.02	0.22	0.13	0.22	0.28	0.32	0.34	0.34

TABLE 16.
PESTICIDE USE PER CROPLAND AREA (KG PER HA) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Congo	0.60	0.78	1.04	1.11	0.88	1.13	2.21	3.37	4.38
Costa Rica	29.15	24.62	26.37	21.97	22.03	21.76	16.85	16.77	17.36
Côte d'Ivoire	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.00	0.00
Croatia	2.99	2.31	1.62	2.51	1.74	1.71	1.57	1.62	1.29
Cuba	0.90	0.86	0.98	1.13	0.55	0.37	0.27	0.22	0.22
Cyprus	5.31	4.09	5.62	8.47	9.94	9.49	9.25	8.36	6.50
Czechia	1.37	1.96	1.92	2.49	2.00	1.72	1.77	2.19	1.78
Democratic People's Republic of Korea									
Democratic Republic of the Congo	0.15	0.15	0.11	0.08	0.06	0.06	0.06	0.08	0.10
Denmark	1.39	1.39	1.61	1.09	1.10	1.32	1.25	1.36	1.38
Djibouti	12.16	11.10	9.31	13.02	17.32	13.55	11.54	28.15	34.16
Dominica									
Dominican Republic	3.86	2.99	5.40	3.90	3.85	2.95	1.86	1.33	1.31
Ecuador	6.02	7.33	12.27	17.47	14.03	11.29	13.66	13.48	14.62
Egypt	1.50	1.55	3.16	2.12	3.29	2.96	2.62	2.33	2.87
El Salvador	3.08	2.30	4.13	1.99	2.87	3.52	4.35	1.75	3.16
Equatorial Guinea	0.17	0.61	1.80	1.09	0.78	0.80	0.78	0.77	0.78
Eritrea	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Estonia	0.37	0.64	0.79	0.88	1.07	1.10	1.26	1.09	0.99
Eswatini	2.89	5.69	2.52	3.00	5.89	6.35	6.57	6.53	6.21
Ethiopia	0.06	0.10	0.26	0.24	0.23	0.22	0.22	0.22	0.22
Fiji	1.46	2.35	4.12	4.82	4.38	4.42	4.42	4.42	4.42
Finland	1.65	2.21	1.69	1.79	1.79	2.19	1.82	1.48	1.45
France	5.02	4.02	3.21	3.42	2.86	3.60	3.89	3.77	3.65
Gabon	0.71	1.02	1.65	2.22	2.31	2.14	2.28	2.07	1.93
Gambia	0.93	3.01	0.57	0.75	1.12	0.94	0.87	0.97	1.24
Georgia	2.90	5.31	5.93	2.83	5.93	6.54	5.68	6.14	6.80
Germany	2.93	3.01	3.39	3.97	3.79	4.04	4.11	4.06	3.41
Ghana	0.01	0.03	0.21	1.28	1.32	1.31	1.31	1.31	1.31
Greece	2.76	3.70	1.51	1.27	1.51	1.74	1.66	1.38	1.46
Grenada	8.93	14.24	11.44	16.66	16.51	15.73	16.66	17.52	18.46
Guatemala	4.94	6.03	6.03	3.78	4.04	5.20	4.83	5.18	4.74
Guinea	0.07	0.10	0.13	0.08	0.02	0.02	0.02	0.02	0.02
Guinea-Bissau	0.08	0.15	0.15	0.15	0.13	0.13	0.13	0.13	0.13
Guyana	1.50	1.66	2.30	2.52	2.95	3.15	3.32	3.60	3.63
Haiti	0.31	0.34	0.69	0.25	0.54	0.60	0.66	0.82	0.86
Honduras	3.07	2.53	3.83	5.21	5.15	7.35	6.51	6.25	5.99
Hungary	0.86	2.01	2.25	2.11	1.74	2.07	2.07	1.99	1.50
Iceland	0.03	0.04	0.02	0.04	0.01	0.01	0.01	0.02	0.01
India	0.26	0.21	0.24	0.24	0.24	0.24	0.24	0.24	0.24
Indonesia	4.27	4.98	8.07	7.67	6.38	4.91	6.47	6.71	6.68
Iran (Islamic Republic of)	0.58	0.43	0.26	0.41	0.28	0.33	0.33	0.33	0.33
Iraq	0.12	0.18	0.18	0.04	0.07	0.08	0.09	0.11	0.10
Ireland	3.96	5.34	5.74	7.72	6.69	6.54	7.07	6.08	5.16

TABLE 16.
PESTICIDE USE PER CROPLAND AREA (KG PER HA) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Israel	8.16	15.45	18.21	16.16	14.60	19.46	18.21	17.19	17.09
Italy	7.04	8.19	7.44	6.97	5.19	6.01	5.36	4.69	4.17
Jamaica	5.52	5.77	5.38	5.59	7.98	9.86	8.73	8.73	8.73
Japan	16.53	13.60	12.10	12.05	11.82	11.18	11.22	11.63	10.61
Jordan	1.99	6.41	3.58	2.12	2.25	1.61	1.43	1.75	2.26
Kazakhstan	0.10	0.13	0.22	0.36	0.44	0.49	0.61	0.30	0.30
Kenya	0.36	0.37	0.45	0.68	0.89	0.84	0.70	0.69	0.69
Kiribati	0.12	0.21	0.29	0.70	0.74	0.91	0.96	0.98	0.98
Kuwait									
Kyrgyzstan	0.48	0.80	0.26	0.38	0.50	0.51	0.45	0.42	0.42
Lao People's Democratic Republic	0.00	0.00	0.00	0.03	0.12	0.12	0.12	0.12	0.12
Latvia	0.29	0.65	0.87	1.22	1.24	1.42	1.45	1.33	1.22
Lebanon	6.73	6.42	7.57	6.85	6.69	6.62	6.45	6.57	6.62
Lesotho	0.02	0.04	0.02	0.25	0.73	0.63	1.04	1.77	1.53
Liberia	0.68	0.68	0.63	0.60	1.11	1.22	1.53	1.61	1.49
Libya	0.32	1.63	1.13	0.51	0.68	0.84	0.84	0.84	0.84
Lithuania	0.24	0.54	0.84	1.26	1.05	1.13	1.13	1.55	1.29
Luxembourg	2.45	2.49	2.43	2.14	2.26	2.31	2.03	1.84	1.85
Madagascar	0.04	0.03	0.07	0.11	0.21	0.21	0.19	0.23	0.20
Malawi	0.07	0.09	0.16	0.58	0.41	0.37	0.34	0.48	0.48
Malaysia	4.54	5.49	8.47	7.64	5.77	4.35	5.51	3.09	3.65
Maldives	9.30	14.31	12.76	23.67	23.67	23.67	23.67	23.67	23.67
Mali	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Malta	20.21	12.65	10.67	12.58	7.28	10.52	12.42	11.59	12.74
Marshall Islands									
Mauritania	0.06	0.12	0.13	0.63	0.86	0.82	0.92	1.24	1.52
Mauritius	6.78	9.19	10.43	10.80	8.74	8.12	8.04	10.07	7.13
Mexico	1.05	1.51	2.04	1.95	1.80	1.50	1.57	1.68	1.53
Micronesia (Federated States of)	7.90	6.63	5.66	6.13	6.13	6.13	6.13	6.13	6.13
Mongolia	0.10	0.10	0.09	1.59	3.68	4.09	4.54	4.49	4.45
Montenegro			0.35	5.52	6.80	8.09	7.69	6.71	6.02
Morocco	1.39	1.55	1.52	1.51	1.59	1.54	1.54	1.64	1.56
Mozambique	0.03	0.05	0.07	0.09	0.14	0.17	0.18	0.34	0.54
Myanmar	0.05	0.13	0.27	0.62	1.39	0.94	0.94	0.94	0.94
Namibia	1.61	0.43	0.81	1.15	1.12	1.24	1.43	1.47	1.46
Nauru	11.43	1.83	0.84	8.98	14.55	15.58	17.15	15.26	16.89
Nepal	0.05	0.05	0.14	0.26	0.40	0.34	0.40	0.60	0.60
Netherlands (Kingdom of the)	10.76	9.37	9.05	9.22	8.77	9.47	8.99	8.38	6.95
New Zealand	8.01	8.72	9.27	9.70	8.52	8.79	7.66	8.74	8.93
Nicaragua	1.83	4.20	6.62	4.36	4.34	8.70	7.62	7.17	8.36
Niger	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nigeria	0.10	0.36	0.63	0.74	1.24	1.31	1.32	1.19	1.09
North Macedonia	0.49	0.31	0.22	0.22	0.21	0.21	0.21	0.21	0.21
Norway	0.39	0.60	0.84	0.78	0.75	0.85	0.88	0.94	0.78

TABLE 16.
PESTICIDE USE PER CROPLAND AREA (KG PER HA) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Oman	0.62	2.32	3.52	4.02	2.80	2.67	2.63	3.57	3.41
Pakistan	0.84	0.86	0.88	0.86	0.85	0.84	0.86	0.86	0.86
Palau	3.11	3.11	2.03	9.07	10.80	10.80	10.80	10.80	10.80
Panama	1.58	3.78	2.57	3.42	1.29	6.61	21.62	16.28	14.46
Papua New Guinea	0.26	0.38	0.41	0.82	0.85	0.91	0.97	1.00	1.00
Paraguay	1.13	4.33	5.49	4.53	3.73	3.90	3.53	3.62	3.98
Peru	0.44	0.69	1.19	1.50	1.86	2.16	1.71	1.52	1.71
Philippines	1.79	1.86	2.01	2.11	2.23	3.11	3.37	3.38	3.36
Poland	0.62	1.28	1.73	2.13	2.13	2.13	2.35	1.93	1.73
Portugal	6.09	7.96	7.40	5.49	5.30	5.27	5.23	5.02	4.35
Qatar	21.35	34.85	36.07	37.01	35.11	35.11	35.11	35.11	35.11
Republic of Korea	13.39	13.44	11.91	11.60	10.59	10.95	12.29	13.01	13.49
Republic of Moldova	1.33	1.12	1.17	1.39	1.76	1.58	2.42	3.27	3.27
Romania	0.95	0.80	0.75	1.25	0.96	0.98	0.93	0.92	1.04
Russian Federation	0.24	0.30	0.36	0.42	0.63	0.73	0.79	0.79	0.78
Rwanda	0.11	0.16	0.64	1.56	1.35	1.30	1.25	1.28	1.35
Saint Kitts and Nevis	26.71	25.24	19.61	22.62	19.89	19.89	19.89	19.89	19.89
Saint Lucia	20.27	28.38	22.44	27.64	23.10	25.33	26.84	27.59	27.59
Saint Vincent and the Grenadines	33.98	34.23	35.04	30.38	24.13	25.10	26.32	24.12	21.89
Samoa	0.15	0.92	1.78	1.44	2.60	4.31	6.33	10.13	5.95
San Marino									
Sao Tome and Principe	0.15	0.20	0.58	0.45	0.51	0.60	0.59	0.53	0.44
Saudi Arabia	0.80	1.03	1.29	1.98	2.93	2.03	1.96	1.89	0.88
Senegal	0.15	0.15	0.19	0.19	0.12	0.15	0.15	0.15	0.15
Serbia			0.68	1.17	0.93	0.90	0.80	0.82	0.80
Seychelles	15.44	17.10	19.48	19.48	19.48	19.48	19.48	19.48	19.48
Sierra Leone	0.37	0.05	0.09	0.20	0.21	0.21	0.21	0.21	0.21
Singapore									
Slovakia	0.93	1.09	1.33	1.64	1.72	1.71	1.69	1.48	1.35
Slovenia	7.20	6.78	4.80	4.41	4.15	4.12	3.89	3.55	2.98
Solomon Islands	0.35	0.36	0.63	0.65	0.41	0.41	0.39	0.40	0.39
Somalia	0.02	0.08	0.11	0.32	0.55	0.64	0.66	0.66	0.66
South Africa	1.89	2.19	2.59	3.04	3.15	3.35	3.43	3.40	3.39
South Sudan									
Spain	1.89	2.30	2.27	4.49	4.49	4.55	4.59	3.36	3.19
Sri Lanka	0.89	0.85	0.67	1.10	0.64	1.08	1.17	0.90	0.70
Sudan				0.15	0.19	0.19	0.19	0.19	0.19
Suriname	2.63	7.31	7.83	13.78	5.64	13.95	16.00	26.75	38.77
Sweden	0.66	0.79	0.76	0.90	0.71	0.81	0.84	0.92	0.80
Switzerland	3.65	3.24	5.02	5.22	4.53	4.43	5.28	5.14	3.63
Syrian Arab Republic	0.21	0.28	0.28	0.33	0.33	0.33	0.34	0.35	0.35
Tajikistan	0.15	0.15	0.14	0.13	0.45	0.42	0.55	0.58	0.65
Thailand	0.96	2.03	3.13	1.19	1.27	0.85	0.40	0.27	0.15
Timor-Leste	0.02	0.02	0.10	0.24	0.46	0.62	0.72	0.79	0.79

TABLE 16.
PESTICIDE USE PER CROPLAND AREA (KG PER HA) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Togo	0.13	0.08	0.09	0.40	0.51	0.51	0.51	0.51	0.51
Tonga	0.43	0.43	0.40	0.39	0.70	0.68	0.67	0.66	0.65
Trinidad and Tobago	3.53	2.89	2.67	24.96	24.96	24.96	24.96	24.96	24.96
Tunisia	0.28	0.30	0.42	0.57	0.71	0.69	0.67	0.66	0.65
Türkiye	1.27	1.52	1.58	1.63	2.22	2.31	2.25	2.31	2.40
Turkmenistan	0.55	0.41	0.45	0.47	0.80	0.76	1.01	1.00	1.01
Tuvalu	0.48	1.18	1.21	1.21	1.21	1.21	1.21	1.21	1.21
Uganda	0.22	0.21	0.33	0.69	0.69	0.66	0.77	0.92	1.05
Ukraine	0.82	0.69	1.85	1.91	0.72	0.73	0.80	0.58	0.57
United Arab Emirates									
United Kingdom of Great Britain and Northern Ireland	5.57	5.44	2.79	3.54	3.10	2.49	2.44	2.79	2.79
United Republic of Tanzania	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
United States of America	2.41	2.42	2.34	2.66	2.81	2.80	2.81	2.76	2.78
Uruguay	2.58	6.40	7.19	5.67	7.73	7.97	7.94	7.63	7.35
Uzbekistan									
Vanuatu	0.49	0.48	0.33	0.11	0.11	0.11	0.11	0.11	0.11
Venezuela (Bolivarian Republic of)	1.16	1.17	1.19	1.19	1.19	1.19	1.19	1.19	1.19
Viet Nam	2.03	3.89	5.64	8.90	11.47	7.62	12.69	13.87	13.90
Yemen	0.54	0.82	0.44	0.95	0.79	1.04	1.04	1.04	1.04
Zambia	0.76	1.02	1.01	1.09	1.09	1.09	1.09	1.09	1.09
Zimbabwe	0.79	0.79	0.82	0.54	0.54	0.54	0.54	0.54	0.54

Source: FAO. 2025. FAOSTAT: Pesticides Use. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/RP>. Licence: CC-BY-4.0.

TABLE 17.
INORGANIC FERTILIZER USE BY NUTRIENT (THOUSAND TONNES)

COUNTRY	NITROGEN, AS N		PHOSPHORUS, AS P ₂ O ₅		POTASSIUM, AS K ₂ O		TOTAL	
	2000	2023	2000	2023	2000	2023	2000	2023
World	81 024.2	111 591.7	32 450.2	40 847.2	21 744.6	37 636.1	135 219.0	190 075.0
Africa	2 464.1	4 475.1	927.6	1 652.6	469.6	913.7	3 861.3	7 041.4
Americas	17 433.3	25 650.4	8 152.3	11 259.4	8 247.4	14 740.1	33 832.9	51 650.0
Asia	46 723.3	65 314.5	17 698.1	23 984.8	7 864.5	17 951.6	72 285.9	107 250.9
Europe	13 213.8	13 601.5	4 092.6	2 981.5	4 814.1	3 643.8	22 120.5	20 226.9
Oceania	1 189.7	2 550.1	1 579.5	968.8	349.0	387.0	3 118.3	3 905.9
Afghanistan	5.0	35.7		16.0		0.0		51.7
Albania	12.1	25.1	4.9	11.8	1.7	2.1	18.7	39.0
Algeria	44.3	70.2	25.0	58.8	23.0	26.7	92.3	155.7
Andorra								
Angola	1.4	18.1		5.7		8.5		32.3
Antigua and Barbuda		0.0		0.0		0.0		0.0
Argentina	498.2	1 259.5	333.8	730.6	31.0	36.9	863.0	2 027.0
Armenia	7.0	15.5		0.7		1.5		17.8
Australia	951.0	2 150.3	1 116.3	772.1	217.0	259.9	2 284.3	3 182.3
Austria	121.6	97.6	48.5	19.7	55.2	23.3	225.4	140.7
Azerbaijan	2.1	64.5		21.3	2.0	6.0		91.7
Bahamas	0.1		0.1		0.1		0.3	
Bahrain	0.1		0.1		0.1	0.1	0.3	
Bangladesh	995.9	1 498.9	250.3	1 035.0	74.0	554.3	1 320.2	3 088.2
Barbados	1.8	0.1	0.2	0.1	1.0	0.0	3.0	0.2
Belarus	280.0	490.8	75.0	109.9	450.0	507.0	805.0	1 107.7
Belgium		106.7		9.4		49.3		165.4
Belize	2.8	16.8	1.9	11.0	1.4	6.0	6.1	33.8
Benin	14.3	54.9	11.4	42.8	9.5	19.9	35.2	117.6
Bhutan		0.6		0.2		0.2		1.0
Bolivia (Plurinational State of)	3.2	19.6	3.6	23.5	0.7	4.4	7.5	47.5
Bosnia and Herzegovina	27.8	24.5	7.0	7.0	7.0	8.6	41.8	40.1
Botswana	4.1	17.5	0.3	3.4	0.2	3.2	4.6	24.2
Brazil	1 668.0	6 404.5	2 338.0	4 437.2	2 562.0	8 303.9	6 568.0	19 145.6
Brunei Darussalam		0.2		0.2		0.2		0.7
Bulgaria	144.9	340.8	4.0	79.8	2.6	26.7	151.5	447.3
Burkina Faso	9.9	65.0	15.1	37.3	9.0	38.2	33.9	140.5
Burundi	1.5	6.9	1.0	40.9	1.0	3.7	3.5	51.5
Cabo Verde	0.1	0.1		0.0	0.0	0.0		0.2
Cambodia		139.8		59.2		11.5		210.5
Cameroon	21.9	40.2	7.7	13.6	16.6	47.9	46.1	101.7
Canada	1 564.3	3 116.0	570.5	1 125.0	310.5	827.0	2 445.4	5 068.0
Central African Republic	0.2	0.1	0.2	0.0	0.2	0.0	0.6	0.1
Chad	11.0	16.9	2.0	6.6	4.5	11.1	17.5	34.6
Chile	235.0	244.9	172.0	99.9	75.0	6.2	482.0	351.0
China	22 139.2	24 670.0	8 609.7	9 466.8	3 469.0	8 912.3	34 217.9	43 049.0
Colombia	334.3	426.1	131.8	172.4	192.1	352.1	658.2	950.7

TABLE 17.
INORGANIC FERTILIZER USE BY NUTRIENT (THOUSAND TONNES) (CONTINUED)

COUNTRY	NITROGEN, AS N		PHOSPHORUS, AS P ₂ O ₅		POTASSIUM, AS K ₂ O		TOTAL	
	2000	2023	2000	2023	2000	2023	2000	2023
Comoros	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.3
Congo	2.0	1.5	1.0	1.0	2.0	3.2	5.0	5.7
Costa Rica	68.0	87.9	29.0	16.8	70.0	66.6	167.0	171.2
Côte d'Ivoire	40.0	85.6	11.1	62.6	16.0	62.1	67.1	210.3
Croatia	116.0	86.8	49.0	27.2	58.0	32.7	223.0	146.7
Cuba	78.0	5.3	24.3	2.1	28.1	3.6	130.4	11.0
Cyprus	7.8	8.9	4.9	4.5	1.7	3.4	14.4	16.8
Czechia	262.8	237.6	43.3	29.3	24.5	19.4	330.7	286.3
Democratic People's Republic of Korea	165.0	21.7	52.0	0.0	39.0	12.0	256.0	33.7
Democratic Republic of the Congo	0.3	32.3	0.3	4.8	0.2	4.4	0.8	41.5
Denmark	234.0	196.1	36.0	23.7	79.0	49.0	349.0	268.8
Djibouti		0.1		0.0		0.0		0.1
Dominica	1.0	0.0	1.0	0.0	1.0	0.0	3.0	0.0
Dominican Republic	48.5	65.6	15.4	0.0	27.8	21.7	91.7	87.4
Ecuador	71.6	83.2	35.4	26.6	57.4	113.2	164.4	223.0
Egypt	1 073.4	1 276.5	153.8	239.7	32.5	137.0	1 259.7	1 653.2
El Salvador	48.5	37.3	13.3	12.6	16.0	3.9	77.8	53.8
Equatorial Guinea		0.3		0.1		0.2		0.6
Eritrea	5.4	1.3	5.5	0.0		0.0		1.3
Estonia	22.4	38.4	6.4	6.7	6.2	8.1	35.0	53.2
Eswatini	2.0	7.3	1.9	4.1	1.9	3.0	5.8	14.3
Ethiopia	76.5	547.3	81.0	194.1		2.0		743.3
Fiji	2.5	4.7	2.0	0.8	3.0	2.4	7.5	7.9
Finland	167.0	140.7	52.0	23.6	80.0	31.3	299.0	195.6
France	2 316.3	1 733.6	795.0	240.8	1 033.5	244.8	4 144.8	2 219.3
Gabon	0.1	5.5	0.1	4.4	0.1	6.4	0.3	16.3
Gambia	0.6	5.5	0.1	0.7	0.1	0.7	0.8	6.9
Georgia	40.0	42.0		6.3	2.0	3.5		51.8
Germany	1 847.5	1 038.9	351.3	142.9	544.0	320.1	2 742.8	1 501.9
Ghana	7.0	78.9	2.7	24.6	2.1	32.6	11.9	136.1
Greece	285.0	174.4	113.0	49.1	58.0	41.1	456.0	264.6
Grenada		0.1		0.0		0.0		0.2
Guatemala	124.5	180.5	46.1	56.4	41.0	68.7	211.6	305.6
Guinea	1.0	17.0	1.4	0.2	0.8	0.3	3.2	17.5
Guinea-Bissau	1.0	2.7	0.7	1.3	0.7	1.4	2.4	5.4
Guyana	10.7	13.7	1.2	3.5	0.6	2.4	12.6	19.5
Haiti	8.9	0.3	2.7	2.0	2.9	2.0	14.4	4.4
Honduras	135.9	104.4	21.6	35.5	23.0	51.4	180.5	191.4
Hungary	320.0	265.5	45.0	54.4	52.0	51.1	417.0	371.0
Iceland	13.0	8.7	4.0	1.1	4.2	2.0	21.2	11.8
India	10 920.2	20 456.4	4 214.6	8 306.6	1 567.5	1 878.6	16 702.3	30 641.6
Indonesia	1 964.4	2 984.9	263.1	582.1	266.0	1 964.7	2 493.5	5 531.8
Iran (Islamic Republic of)	862.6	903.2	412.7	109.9	118.3	59.0	1 393.6	1 072.1

TABLE 17.
INORGANIC FERTILIZER USE BY NUTRIENT (THOUSAND TONNES) (CONTINUED)

COUNTRY	NITROGEN, AS N		PHOSPHORUS, AS P ₂ O ₅		POTASSIUM, AS K ₂ O		TOTAL	
	2000	2023	2000	2023	2000	2023	2000	2023
Iraq	250.5	169.7	117.2	77.3	3.5	4.1	371.2	251.1
Ireland	368.4	280.6	96.0	30.8	135.0	82.0	599.4	393.3
Israel	49.0	29.3	15.0	4.7	30.0	33.4	94.0	67.4
Italy	828.0	569.4	504.0	100.0	400.0	138.9	1 732.0	808.4
Jamaica	9.9	3.5	5.2	2.1	7.3	1.5	22.4	7.1
Japan	487.4	337.6	583.0	273.1	381.9	209.6	1 452.3	820.3
Jordan	9.4	35.5	4.5	3.5	6.8	8.2	20.6	47.2
Kazakhstan	30.0	70.4	4.9	41.7	2.1	3.0	37.0	115.1
Kenya	69.9	166.6	71.2	100.6	4.5	67.4	145.7	334.7
Kiribati		0.0		0.0		0.0		0.0
Kuwait	0.6	2.4		3.5		10.1		16.1
Kyrgyzstan	27.7	23.1	1.4	9.5	0.1	0.5	29.2	33.0
Lao People's Democratic Republic	3.2	64.0	2.4	15.8	0.4	15.0	6.0	94.7
Latvia	28.5	80.3	10.2	22.9	11.6	25.3	50.3	128.5
Lebanon	24.3	15.6	18.4	5.9	9.6	4.0	52.3	25.5
Lesotho	3.4	2.2	2.4	0.5	2.1	0.4	8.0	3.1
Liberia		2.9		1.4		1.5		5.8
Libya	31.7	13.7	18.0	21.9	5.3	2.3	55.0	37.9
Lithuania	98.0	127.4	20.0	37.6	35.0	51.0	153.0	216.0
Luxembourg		9.1		0.6		0.9		10.5
Madagascar	3.8	14.7	3.0	4.0	2.4	3.2	9.1	21.8
Malawi	34.6	274.0	11.4	45.4	3.8	30.0	49.8	349.4
Malaysia	348.6	398.1	199.7	147.3	640.0	1 749.8	1 188.3	2 295.2
Maldives		0.2		0.1		0.1		0.4
Mali	12.7	53.1	13.6	7.2	13.6	10.9	39.8	71.2
Malta	0.8	0.6	0.2	0.1	0.2	0.2	1.1	0.8
Marshall Islands								
Mauritania		1.9		0.9		1.0		3.8
Mauritius	13.3	5.0	6.1		18.1	2.6	37.5	
Mexico	1 342.0	1 365.6	315.0	399.9	175.0	121.7	1 832.0	1 887.2
Micronesia (Federated States of)		0.0		0.0		0.0		0.0
Mongolia	3.4	54.2		0.0		0.0		54.2
Montenegro		1.3		0.5		0.5		2.3
Morocco	207.6	228.5	108.8	100.4	51.0	49.5	367.4	378.4
Mozambique	9.7	56.5	3.4	16.4	1.2	12.6	14.3	85.5
Myanmar	165.0	100.1	34.7	89.4	6.0	82.6	205.7	272.1
Namibia	0.1	20.8	0.2	0.6		0.3		21.7
Nauru		0.0		0.0		0.0		0.0
Nepal	51.8	80.0	18.2	35.8	3.1	6.6	73.0	122.4
Netherlands (Kingdom of the)	300.0	189.3	54.0	9.5	64.0	41.4	418.0	240.2
New Zealand	230.7	369.0	456.6	193.0	125.4	109.4	812.7	671.4
Nicaragua	14.2	58.9	10.7	15.6	4.0	22.0	28.9	96.5
Niger	2.5	8.1	1.2	3.4	0.8	2.1	4.5	13.7

TABLE 17.
INORGANIC FERTILIZER USE BY NUTRIENT (THOUSAND TONNES) (CONTINUED)

COUNTRY	NITROGEN, AS N		PHOSPHORUS, AS P ₂ O ₅		POTASSIUM, AS K ₂ O		TOTAL	
	2000	2023	2000	2023	2000	2023	2000	2023
Nigeria	105.6	87.8	44.0	45.7	37.9	22.8	187.5	156.3
North Macedonia	19.2	16.4	11.7	3.6	9.0	2.5	39.9	22.6
Norway	102.0	106.1	30.0	19.9	61.0	38.7	193.0	164.7
Oman	4.0	12.4	1.0	2.3	0.8	11.6	5.8	26.3
Pakistan	2 264.6	3 808.8	675.1	994.9	22.8	45.7	2 962.5	4 849.4
Palau		0.0		0.0		0.0		0.0
Panama	15.3	38.6	5.5	10.4	10.4	14.6	31.2	63.6
Papua New Guinea	4.7	25.2	4.0	2.4	3.0	13.2	11.7	40.8
Paraguay	18.3	134.5	25.9	230.9	21.0	262.4	65.2	627.8
Peru	190.1	222.2	45.0	60.5	19.1	83.5	254.3	366.2
Philippines	488.2	653.3	124.1	204.6	122.3	257.0	734.6	1 114.9
Poland	895.5	1 156.1	317.9	211.2	401.7	375.7	1 615.1	1 743.0
Portugal	113.0	89.2	63.0	36.7	43.0	40.3	219.0	166.1
Qatar	0.5	1.6		1.1		2.4		5.0
Republic of Korea	411.5	211.4	161.7	77.9	210.1	92.6	783.3	381.9
Republic of Moldova	5.0	69.0	0.1	17.4		9.3		95.6
Romania	239.3	463.7	56.0	209.9	9.0	96.2	304.3	769.8
Russian Federation	960.0	2 210.6	280.0	748.0	180.0	536.3	1 420.0	3 494.9
Rwanda	0.1	15.1	0.1	14.4	0.1	7.4	0.3	36.9
Saint Kitts and Nevis	0.8	0.0	0.5	0.0	0.4	0.0	1.7	0.0
Saint Lucia	0.9	0.3	0.6	0.1	0.6	0.1	2.1	0.5
Saint Vincent and the Grenadines	1.3	0.1	1.3	0.0	1.3	0.0	3.9	0.1
Samoa		0.0		0.0		0.0		0.0
San Marino								
Sao Tome and Principe		0.1		0.1		0.1		0.3
Saudi Arabia	228.0	258.3	137.2	81.1	21.0	80.5	386.2	420.0
Senegal	16.2	8.2	11.0	3.6	11.0	20.7	38.2	32.5
Serbia		232.2		75.2		51.3		358.7
Seychelles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Sierra Leone	0.1	2.5	0.1	0.9	0.1	0.9	0.2	4.2
Singapore	1.6	0.0	0.7	0.0	0.7	0.0	3.0	0.1
Slovakia	82.1	107.7	19.2	18.2	16.8	13.0	118.1	139.0
Slovenia	34.8	24.9	18.4	7.8	22.3	6.8	75.6	39.5
Solomon Islands		0.0		0.0		0.0		0.0
Somalia								
South Africa	415.9	420.6	187.0	298.9	137.4	206.7	740.3	926.2
South Sudan		0.5		0.0		0.0		0.5
Spain	1 113.7	773.0	568.1	243.8	467.6	306.9	2 149.4	1 323.7
Sri Lanka	157.5	119.2	30.4	13.8	59.1	78.2	247.0	211.2
Sudan		120.5		27.0		1.7		149.1
Suriname	5.3	14.0		0.6	0.5	0.5		15.1
Sweden	196.7	184.0	39.0	26.8	46.7	25.4	282.5	236.2
Switzerland	48.4	39.9	12.2	5.9	28.3	10.8	88.9	56.6

TABLE 17.
INORGANIC FERTILIZER USE BY NUTRIENT (THOUSAND TONNES) (CONTINUED)

COUNTRY	NITROGEN, AS N		PHOSPHORUS, AS P ₂ O ₅		POTASSIUM, AS K ₂ O		TOTAL	
	2000	2023	2000	2023	2000	2023	2000	2023
Syrian Arab Republic	236.0	59.2	121.4	14.7	8.1	2.2	365.5	76.2
Tajikistan	8.9	75.2		3.1		0.2		78.5
Thailand	924.0	2 684.0	383.8	781.5	253.1	1 084.4	1 560.9	4 550.0
Timor-Leste								
Togo	9.0	26.6	5.4	9.7	5.4	9.7	19.8	46.0
Tonga		0.1		0.0		0.0		0.1
Trinidad and Tobago	7.3	0.9	0.7	1.0	1.2	2.0	9.2	3.9
Tunisia	62.1	64.5	45.0	72.9	4.2	3.9	111.3	141.3
Türkiye	1 378.2	1 948.2	628.6	735.9	82.0	145.8	2 088.8	2 829.8
Turkmenistan	86.6	510.6		28.3	14.0	13.8		552.8
Tuvalu		0.0		0.0		0.0		0.0
Uganda	3.4	11.7	1.7	5.0	1.5	6.3	6.6	23.0
Ukraine	350.0	993.6	62.0	216.8	28.0	189.6	440.0	1 400.0
United Arab Emirates	23.8	11.4	5.0	3.7	6.3	1.4	35.1	16.5
United Kingdom of Great Britain and Northern Ireland	1 115.0	871.0	279.0	102.0	370.0	184.0	1 764.0	1 157.0
United Republic of Tanzania	14.1	188.2	6.0	74.6	2.3	16.8	22.4	279.6
United States of America	10 703.4	11 426.2	3 882.6	3 672.3	4 485.4	4 270.9	19 071.5	19 369.4
Uruguay	36.2	201.8	56.3	101.1	11.6	80.6	104.1	383.6
Uzbekistan	607.0	961.2	116.2	75.7	8.0	184.1	731.2	1 221.0
Vanuatu		0.0		0.0		1.5		1.5
Venezuela (Bolivarian Republic of)	175.0	115.0	53.0	8.7	54.0	8.6	282.0	132.3
Viet Nam	1 328.0	1 764.7	506.0	645.5	433.0	415.4	2 267.0	2 825.6
Yemen	14.9	6.6		2.4	0.3	1.3		10.3
Zambia	8.0	232.1	13.4	45.9	10.0	15.6	31.4	293.6
Zimbabwe	87.4	96.6	43.4	4.3	34.5	4.5	165.3	105.4

Source: FAO. 2025. FAOSTAT: Fertilizers by Nutrient. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/RFN>. Licence: CC-BY-4.0.

TABLE 18.
INORGANIC FERTILIZER USE PER CROPLAND AREA BY NUTRIENT (KG PER HA)

COUNTRY	NITROGEN, AS N		PHOSPHORUS, AS P ₂ O ₅		POTASSIUM, AS K ₂ O		TOTAL	
	2000	2023	2000	2023	2000	2023	2000	2023
World	51.3	67.7	21.0	25.6	13.7	23.1	86.0	116.4
Africa	10.4	14.4	3.9	5.3	2.0	2.9	16.3	22.6
Americas	40.4	60.5	21.9	30.4	20.7	37.5	83.0	128.4
Asia	83.1	113.4	31.5	41.7	14.0	31.2	128.6	186.3
Europe	38.5	43.4	12.4	10.0	14.3	11.8	65.1	65.2
Oceania	34.3	59.1	31.5	16.4	7.6	7.1	73.4	82.6
Afghanistan	0.6	4.4		2.0		0.0		6.4
Albania	17.3	37.0	7.0	17.4	2.4	3.2	26.8	57.5
Algeria	5.4	8.2	3.1	6.9	2.8	3.1	11.3	18.2
Andorra								
Angola	0.4	3.2		1.0		1.5		5.7
Antigua and Barbuda		0.0		0.0		0.0		0.0
Argentina	17.4	30.4	11.7	17.6	1.1	0.9	30.1	48.9
Armenia	14.3	30.9		1.5		3.0		35.3
Australia	36.0	61.7	32.9	17.2	7.3	6.6	76.2	85.5
Austria	74.5	63.3	29.7	12.8	33.8	15.1	138.0	91.3
Azerbaijan	1.0	27.3		9.0	1.0	2.5		38.8
Bahamas	11.1		11.1		11.1		33.3	
Bahrain	19.3		20.0		19.3	23.9	58.6	
Bangladesh	113.2	170.4	28.5	117.6	8.4	63.0	150.0	351.0
Barbados	112.5	17.6	12.5	6.3	62.5	4.3	187.5	28.3
Belarus	44.8	86.8	12.0	19.4	71.9	89.7	128.7	195.9
Belgium		120.4		10.7		55.6		186.6
Belize	28.7	127.0	19.2	83.6	14.1	45.1	62.0	255.7
Benin	5.4	13.2	4.3	10.3	3.6	4.8	13.3	28.2
Bhutan		5.6		1.6		1.4		8.6
Bolivia (Plurinational State of)	1.0	3.4	1.1	4.0	0.2	0.8	2.3	8.2
Bosnia and Herzegovina	25.3	55.1	6.4	15.7	6.4	19.5	38.0	90.3
Botswana	11.7	67.0	0.9	13.0	0.6	12.4	13.1	92.4
Brazil	27.4	90.9	42.6	70.0	44.4	124.4	114.3	285.3
Brunei Darussalam		24.3		23.2		23.4		70.9
Bulgaria	38.4	94.1	1.1	22.0	0.7	7.4	40.1	123.5
Burkina Faso	1.9	7.6	2.9	4.3	1.7	4.4	6.5	16.3
Burundi	1.1	4.1	0.8	24.5	0.8	2.2	2.7	30.8
Cabo Verde	2.6	2.5		0.3	0.2	0.5		3.3
Cambodia		30.0		12.7		2.5		45.2
Cameroon	3.1	5.1	1.1	1.7	2.3	6.1	6.4	12.9
Canada	34.2	73.2	13.9	29.4	7.2	20.5	55.3	123.1
Central African Republic	0.1	0.0	0.1	0.0	0.1	0.0	0.3	0.0
Chad	3.0	3.2	0.6	1.2	1.2	2.1	4.8	6.5
Chile	89.1	102.4	57.1	36.6	26.7	2.5	172.8	141.4
China	169.1	192.2	65.8	73.8	26.5	69.4	261.4	335.4
Colombia	73.6	85.3	29.0	34.5	42.3	70.5	144.8	190.3

TABLE 18.
INORGANIC FERTILIZER USE PER CROPLAND AREA BY NUTRIENT (KG PER HA) (CONTINUED)

COUNTRY	NITROGEN, AS N		PHOSPHORUS, AS P ₂ O ₅		POTASSIUM, AS K ₂ O		TOTAL	
	2000	2023	2000	2023	2000	2023	2000	2023
Comoros	0.9	0.9	0.9	0.6	0.9	0.7	2.6	2.2
Congo	3.7	2.3	1.9	1.5	3.7	4.9	9.3	8.7
Costa Rica	138.8	161.4	59.2	30.8	142.9	122.3	340.8	314.6
Côte d'Ivoire	5.9	6.0	1.6	4.4	2.4	4.3	9.9	14.7
Croatia	127.3	91.7	53.8	28.7	63.7	34.5	244.8	154.9
Cuba	19.2	1.5	6.0	0.6	6.9	1.0	32.2	3.1
Cyprus	55.8	70.1	34.9	35.8	12.0	26.8	102.7	132.8
Czechia	79.2	92.6	13.1	11.4	7.4	7.6	99.6	111.6
Democratic People's Republic of Korea	66.6	8.5	21.0	0.0	15.7	4.7	103.3	13.2
Democratic Republic of the Congo	0.0	1.9	0.0	0.3	0.0	0.3	0.1	2.5
Denmark	102.2	81.9	15.7	9.9	34.5	20.5	152.5	112.2
Djibouti		13.4		6.7		1.8		22.0
Dominica	52.6	0.0	52.6	0.0	52.6	0.0	157.9	0.0
Dominican Republic	36.8	43.2	11.7	0.0	21.1	14.3	69.6	57.5
Ecuador	24.0	34.6	11.9	11.0	19.3	47.0	55.2	92.6
Egypt	326.2	314.6	46.8	59.1	9.9	33.8	382.8	407.4
El Salvador	55.2	42.3	15.2	14.3	18.2	4.5	88.7	61.1
Equatorial Guinea		3.2		1.2		2.1		6.5
Eritrea	9.6	1.9	9.8	0.0		0.0		1.9
Estonia	26.2	53.7	7.5	9.4	7.2	11.4	41.0	74.5
Eswatini	10.5	37.2	10.0	21.0	10.0	15.3	30.4	73.5
Ethiopia	7.3	29.7	7.7	10.5		0.1		40.3
Fiji	12.6	33.6	10.1	6.0	15.1	17.6	37.7	57.2
Finland	53.3	43.8	23.7	10.5	31.0	11.8	108.1	66.1
France	106.9	87.0	36.7	12.1	47.7	12.3	191.3	111.4
Gabon	0.2	11.2	0.2	8.9	0.2	13.0	0.6	33.0
Gambia	2.5	12.3	0.4	1.5	0.4	1.6	3.4	15.3
Georgia	37.7	97.2		14.5	1.9	8.1		119.8
Germany	123.0	70.0	26.3	10.8	38.5	22.9	187.7	103.7
Ghana	1.3	10.6	0.5	3.3	0.4	4.4	2.1	18.4
Greece	74.0	60.2	29.3	17.0	15.1	14.2	118.3	91.4
Grenada		19.6		3.5		4.8		27.8
Guatemala	54.5	66.0	20.2	20.6	18.0	25.1	92.7	111.7
Guinea	0.3	2.3	0.4	0.0	0.2	0.0	1.0	2.4
Guinea-Bissau	1.8	4.2	1.3	2.0	1.3	2.2	4.4	8.3
Guyana	88.5	108.4	10.3	27.4	5.0	19.2	103.8	155.1
Haiti	7.4	0.3	2.2	1.6	2.4	1.6	12.0	3.4
Honduras	95.2	64.5	15.1	22.0	16.1	31.8	126.5	118.3
Hungary	66.6	61.8	9.4	12.7	10.8	11.9	86.8	86.4
Iceland	100.8	71.9	31.0	9.3	32.6	16.1	164.4	97.3
India	64.2	121.5	24.8	49.4	9.2	11.2	98.2	182.0
Indonesia	58.7	67.7	7.9	13.2	8.0	44.5	74.6	125.4
Iran (Islamic Republic of)	53.0	51.4	25.4	6.3	7.3	3.4	85.6	61.0

TABLE 18.
INORGANIC FERTILIZER USE PER CROPLAND AREA BY NUTRIENT (KG PER HA) (CONTINUED)

COUNTRY	NITROGEN, AS N		PHOSPHORUS, AS P ₂ O ₅		POTASSIUM, AS K ₂ O		TOTAL	
	2000	2023	2000	2023	2000	2023	2000	2023
Iraq	55.7	30.9	26.1	14.1	0.8	0.7	82.6	45.7
Ireland	162.9	146.3	40.6	15.4	96.0	68.8	299.5	230.4
Israel	115.6	78.7	35.4	12.6	70.8	89.5	221.7	180.8
Italy	73.4	60.0	44.7	10.6	35.5	14.7	153.5	85.2
Jamaica	39.6	18.9	20.8	11.0	29.2	8.0	89.6	37.8
Japan	80.7	62.9	120.7	63.6	71.2	43.9	272.6	170.3
Jordan	33.8	123.5	16.0	12.0	24.3	28.5	74.2	164.1
Kazakhstan	1.0	2.4	0.2	1.4	0.1	0.1	1.2	3.9
Kenya	12.9	22.3	13.1	13.5	0.8	9.0	26.8	44.8
Kiribati		0.0		0.0		0.0		0.0
Kuwait	52.4	173.2		185.0		180.0		538.2
Kyrgyzstan	19.4	16.9	1.0	6.9	0.1	0.4	20.5	24.2
Lao People's Democratic Republic	3.2	39.7	2.4	9.8	0.4	9.3	6.0	58.8
Latvia	29.0	58.6	10.4	16.7	11.8	18.5	51.2	93.8
Lebanon	90.0	56.9	68.2	21.5	35.4	14.6	193.6	93.0
Lesotho	10.2	6.0	7.3	1.4	6.4	1.2	23.9	8.6
Liberia		4.2		2.0		2.2		8.3
Libya	14.7	6.7	8.4	10.7	2.5	1.1	25.6	18.5
Lithuania	33.6	54.5	6.9	16.1	12.0	21.8	52.4	92.5
Luxembourg		57.8		6.2		7.5		71.4
Madagascar	1.1	4.1	0.9	1.1	0.7	0.9	2.6	6.1
Malawi	12.0	65.2	4.0	10.8	1.3	7.2	17.3	83.2
Malaysia	52.4	48.3	30.0	17.9	96.2	180.0	178.6	246.2
Maldives		48.6		14.8		12.3		75.7
Mali	2.7	6.2	2.9	0.8	2.9	1.3	8.5	8.3
Malta	83.9	70.7	16.7	9.4	16.7	18.3	117.2	98.4
Marshall Islands								
Mauritania		4.2		2.0		2.2		8.3
Mauritius	143.5	63.2	65.8		173.3	32.9	382.7	
Mexico	52.9	55.9	12.4	16.4	6.9	5.0	72.2	77.2
Micronesia (Federated States of)		2.4		2.4		2.4		7.2
Mongolia	2.9	47.2		0.0		0.0		47.2
Montenegro		91.8		33.2		33.7		158.7
Morocco	19.4	23.4	11.3	11.4	5.0	5.4	35.7	40.2
Mozambique	2.3	9.3	0.8	2.7	0.3	2.1	3.5	14.1
Myanmar	15.7	8.0	3.3	7.1	0.6	6.6	19.6	21.7
Namibia	0.1	25.6	0.2	0.7		0.4		26.7
Nauru		0.0		0.0		0.0		0.0
Nepal	21.0	41.1	7.4	18.4	1.3	3.4	29.6	62.8
Netherlands (Kingdom of the)	129.5	90.6	42.0	8.2	38.7	27.8	210.1	126.5
New Zealand	39.3	49.9	48.6	16.3	32.0	22.2	119.9	88.3
Nicaragua	6.6	32.8	5.0	8.7	1.9	12.2	13.4	53.7
Niger	0.2	0.5	0.1	0.2	0.1	0.1	0.3	0.8

TABLE 18.
INORGANIC FERTILIZER USE PER CROPLAND AREA BY NUTRIENT (KG PER HA) (CONTINUED)

COUNTRY	NITROGEN, AS N		PHOSPHORUS, AS P ₂ O ₅		POTASSIUM, AS K ₂ O		TOTAL	
	2000	2023	2000	2023	2000	2023	2000	2023
Nigeria	2.6	2.0	1.1	1.0	0.9	0.5	4.6	3.5
North Macedonia	32.1	36.0	19.5	7.9	15.0	5.6	66.6	49.5
Norway	115.4	131.7	33.9	24.7	69.0	48.0	218.3	204.4
Oman	54.1	102.0	13.8	18.7	11.0	95.0	78.9	215.8
Pakistan	71.4	122.9	21.3	32.1	0.7	1.5	93.5	156.5
Palau		3.5		0.1		0.1		3.7
Panama	22.0	56.7	7.9	15.3	14.9	21.4	44.9	93.4
Papua New Guinea	5.2	20.8	4.4	2.0	3.3	10.8	12.9	33.6
Paraguay	5.9	29.0	8.3	49.7	6.8	56.5	21.0	135.2
Peru	37.2	35.9	8.8	9.8	3.7	13.5	49.7	59.1
Philippines	50.2	58.2	12.8	18.2	12.6	22.9	75.5	99.4
Poland	50.0	80.1	20.0	16.5	23.8	27.7	93.8	124.2
Portugal	44.5	49.3	24.8	20.3	16.9	22.3	86.2	91.9
Qatar	31.3	64.9		44.5		100.9		210.2
Republic of Korea	214.6	139.8	84.3	51.6	109.5	61.2	408.4	252.6
Republic of Moldova	2.3	32.3	0.1	8.1		4.3		44.7
Romania	24.2	52.6	5.7	23.8	0.9	10.9	30.7	87.4
Russian Federation	7.6	17.9	2.2	6.1	1.4	4.3	11.3	28.3
Rwanda	0.1	10.1	0.1	9.6	0.1	4.9	0.2	24.6
Saint Kitts and Nevis	106.7	2.5	66.7	1.9	53.3	0.7	226.7	5.1
Saint Lucia	71.2	32.5	46.7	12.1	46.7	11.2	164.6	55.7
Saint Vincent and the Grenadines	260.0	19.6	69.5	3.5	72.6	4.8	402.1	27.8
Samoa		0.3		0.0		0.0		0.3
San Marino								
Sao Tome and Principe		3.2		1.2		2.1		6.5
Saudi Arabia	60.0	71.0	36.1	22.3	5.5	22.1	101.6	115.5
Senegal	4.8	2.1	3.3	0.9	3.3	5.3	11.3	8.3
Serbia		82.4		26.7		18.2		127.3
Seychelles	3.8	26.1	2.8	16.5	4.0	13.1	10.5	55.7
Sierra Leone	0.1	1.4	0.1	0.5	0.1	0.5	0.2	2.4
Singapore	98.8	61.6	47.2	18.1	42.8	35.9	188.8	115.6
Slovakia	52.1	81.3	12.2	13.8	10.7	9.9	75.0	105.0
Slovenia	102.5	64.1	63.1	23.5	71.2	19.0	236.7	106.5
Solomon Islands		0.0		0.0		0.0		0.0
Somalia								
South Africa	26.4	30.5	11.9	21.7	8.7	15.0	46.9	67.2
South Sudan		0.2		0.0		0.0		0.2
Spain	60.8	46.6	31.0	14.7	25.6	18.5	117.4	79.7
Sri Lanka	82.5	46.5	15.9	5.4	30.9	30.5	129.3	82.3
Sudan		5.7		1.3		0.1		7.0
Suriname	79.1	252.6		11.5	7.5	8.8		272.9
Sweden	75.6	72.8	15.0	10.6	18.0	10.1	108.6	93.4
Switzerland	78.4	66.2	19.9	9.8	45.9	17.9	144.1	93.9

TABLE 18.
INORGANIC FERTILIZER USE PER CROPLAND AREA BY NUTRIENT (KG PER HA) (CONTINUED)

COUNTRY	NITROGEN, AS N		PHOSPHORUS, AS P ₂ O ₅		POTASSIUM, AS K ₂ O		TOTAL	
	2000	2023	2000	2023	2000	2023	2000	2023
Syrian Arab Republic	44.1	10.9	22.7	2.7	1.5	0.4	68.3	14.0
Tajikistan	10.1	71.7		2.9		0.2		74.8
Thailand	43.8	124.4	18.2	36.2	12.0	50.3	74.0	210.9
Timor-Leste								
Togo	3.7	9.4	2.3	3.5	2.3	3.5	8.3	16.3
Tonga		2.2		0.4		0.4		3.0
Trinidad and Tobago	121.3	19.7	11.4	21.3	20.7	41.6	153.4	82.6
Tunisia	12.4	13.0	9.0	14.7	0.8	0.8	22.3	28.6
Türkiye	52.3	81.3	23.8	30.7	3.1	6.1	79.2	118.1
Turkmenistan	53.0	313.0		17.4	8.6	8.5		338.8
Tuvalu		0.7		0.4		0.4		1.4
Uganda	0.5	1.3	0.2	0.6	0.2	0.7	0.9	2.5
Ukraine	10.5	29.4	1.9	6.4	0.8	5.6	13.1	41.5
United Arab Emirates	96.4	124.1	20.2	40.2	25.5	15.3	142.1	179.6
United Kingdom of Great Britain and Northern Ireland	150.5	114.5	33.0	11.7	46.8	22.7	230.2	148.9
United Republic of Tanzania	1.4	12.1	0.6	4.8	0.2	1.1	2.2	18.0
United States of America	48.1	59.1	21.8	23.7	22.7	24.8	92.6	107.7
Uruguay	23.1	81.2	35.8	40.7	7.4	32.4	66.2	154.2
Uzbekistan	125.7	215.1	24.1	16.9	1.7	41.2	151.5	273.3
Vanuatu		0.0		0.0		10.7		10.7
Venezuela (Bolivarian Republic of)	51.6	34.9	15.6	2.6	15.9	2.6	83.1	40.1
Viet Nam	163.2	151.5	62.2	55.4	53.2	35.7	278.6	242.6
Yemen	8.9	4.6		1.7	0.2	0.9		7.1
Zambia	2.8	60.5	4.7	12.0	3.5	4.1	10.9	76.5
Zimbabwe	23.3	23.8	11.6	1.1	9.2	1.1	44.0	25.9

Source: FAO, 2025. FAOSTAT: Fertilizers by Nutrient. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/RFN>. Licence: CC-BY-4.0.

CHAPTER 2: PRODUCTION, TRADE AND PRICES OF COMMODITIES

TABLE 19.
PRODUCTION OF PRIMARY CROPS BY GROUP, 2023 (THOUSAND TONNES)

COUNTRY	CEREALS	SUGAR CROPS	VEGETABLES	OIL CROPS	FRUIT	ROOTS AND TUBERS	OTHER	TOTAL
World	3.134.294	2.307.888	1.186.682	1.163.628	951.906	927.704	211.190	9.883.292
Africa	216.987	109.538	92.225	70.322	137.153	378.788	42.047	1.047.061
Americas	817.183	1.054.124	80.168	394.497	169.843	80.256	29.953	2.626.024
Asia	1.525.618	921.235	929.008	578.150	558.404	364.377	120.035	4.996.827
Europe	514.466	188.492	81.842	102.420	77.747	99.818	13.435	1.078.221
Oceania	60.039	34.497	3.439	18.239	8.759	4.465	5.721	135.159
Afghanistan	5.372	62	1.309	127	3.717	889	166	11.642
Albania	701	20	1.038	120	841	274	49	3.044
Algeria	3.590	0	8.414	946	7.771	4.632	217	25.569
Andorra								
Angola	3.335	1.013	2.160	583	6.528	13.740	394	27.753
Antigua and Barbuda	0	0	1	0	8	1	0	10
Argentina	62.107	15.436	3.959	32.344	6.909	2.682	2.442	125.878
Armenia	288	56	608	0	687	365	8	2.012
Australia	59.044	32.606	1.866	12.038	4.018	1.554	5.528	116.654
Austria	5.235	2.676	589	449	573	594	51	10.168
Azerbaijan	3.154	206	1.827	332	1.774	1.011	124	8.427
Bahamas	1	63	34	3	49	3	0	152
Bahrain	0	0	23	0	17	0	0	40
Bangladesh	64.326	3.209	7.955	1.229	5.746	10.735	4.532	97.733
Barbados	0	73	12	2	6	4	2	98
Belarus	7.053	4.844	1.924	909	536	4.021	389	19.676
Belgium	2.755	4.750	2.047	46	649	4.022	47	14.317
Belize	160	1.489	13	32	100	3	6	1.803
Benin	2.737	81	792	2.117	671	7.852	513	14.763
Bhutan	70	0	27	0	30	74	22	224
Bolivia (Plurinational State of)	3.227	10.307	487	3.899	1.547	1.464	278	21.209
Bosnia and Herzegovina	1.063	1	718	36	653	366	92	2.929
Botswana	74	0	62	11	26	110	8	292
Brazil	155.877	782.586	9.076	166.974	43.238	23.883	8.815	1.190.450
Brunei Darussalam	4	0	10	0	9	1	0	24
Bulgaria	10.346	0	353	2.002	437	119	37	13.295
Burkina Faso	5.148	508	1.409	1.922	1.487	220	1.180	11.874
Burundi	1.073	196	492	99	1.279	4.336	920	8.395
Cabo Verde	0	23	25	7	6	7	8	76
Cambodia	14.380	800	665	772	611	13.963	665	31.857
Cameroon	3.859	1.142	3.085	4.093	6.167	9.927	1.147	29.421
Canada	59.240	1.172	2.305	25.888	930	6.543	4.828	100.907
Central African Republic	303	132	109	904	181	1.780	366	3.774
Chad	2.643	454	105	1.119	130	1.039	193	5.684
Chile	2.497	604	2.277	262	6.431	858	366	13.296
China	643.446	114.150	621.366	80.239	271.813	152.268	28.883	1.912.164
Colombia	4.987	32.446	2.543	8.673	11.567	4.170	1.038	65.425

TABLE 19.
PRODUCTION OF PRIMARY CROPS BY GROUP, 2023 (THOUSAND TONNES) (CONTINUED)

COUNTRY	CEREALS	SUGAR CROPS	VEGETABLES	OIL CROPS	FRUIT	ROOTS AND TUBERS	OTHER	TOTAL
Comoros	20	0	20	81	84	117	19	340
Congo	30	726	58	188	276	1.716	28	3.021
Costa Rica	83	3.423	194	1.258	6.422	218	99	11.698
Côte d'Ivoire	3.390	2.150	663	3.726	3.144	15.365	5.331	33.770
Croatia	3.191	500	890	445	252	126	-752	4.652
Cuba	294	8.266	1.405	26	1.850	1.329	125	13.295
Cyprus	51	0	48	22	112	90	1	324
Czechia	7.996	3.834	246	1.454	205	574	119	14.428
Democratic People's Republic of Korea	4.376	0	3.309	216	1.834	1.094	464	11.294
Democratic Republic of the Congo	4.208	2.434	594	2.915	6.747	46.998	554	64.450
Denmark	7.002	2.281	222	823	43	2.757	129	13.257
Djibouti	0	0	36	0	5	0	13	54
Dominica	0	5	9	10	55	49	2	130
Dominican Republic	1.029	4.585	1.515	906	7.812	537	187	16.571
Ecuador	2.754	6.258	501	2.087	9.388	412	489	21.891
Egypt	23.391	28.063	17.297	1.645	16.214	7.476	420	94.506
El Salvador	881	7.393	131	89	338	84	138	9.054
Equatorial Guinea	0	0	0	51	73	216	5	345
Eritrea	305	0	56	23	5	55	37	482
Estonia	1.201	0	16	140	3	79	119	1.558
Eswatini	87	5.621	13	4	144	85	4	5.958
Ethiopia	30.146	948	1.652	1.109	1.547	4.426	4.555	44.383
Fiji	9	1.566	84	22	58	196	18	1.953
Finland	3.007	421	242	42	25	498	98	4.333
France	64.241	30.581	5.357	6.834	9.739	8.606	695	126.053
Gabon	48	271	52	655	396	634	27	2.083
Gambia	129	0	13	92	10	12	6	262
Georgia	400	0	147	6	488	197	57	1.295
Germany	42.463	31.558	3.514	4.517	2.415	11.607	528	96.602
Ghana	5.765	157	799	3.998	6.178	38.888	1.578	57.362
Greece	3.404	1	1.448	175	3.757	309	299	9.395
Grenada	0	9	5	8	17	1	2	42
Guatemala	2.185	26.410	1.643	3.396	6.856	671	714	41.874
Guinea	5.293	324	569	2.000	1.673	4.695	379	14.932
Guinea-Bissau	299	7	42	278	115	184	143	1.068
Guyana	999	950	219	36	344	135	55	2.738
Haiti	330	1.501	149	59	1.300	769	136	4.244
Honduras	774	5.377	371	2.008	1.479	91	549	10.647
Hungary	15.040	876	714	2.788	1.216	210	39	20.882
Iceland	8	0	6	0	0	7	0	21
India	374.600	490.533	145.094	71.923	113.901	67.369	47.632	1.311.053
Indonesia	73.967	34.899	13.083	259.144	25.733	20.399	6.141	433.366
Iran (Islamic Republic of)	20.964	13.700	9.442	853	16.389	2.483	1.425	65.256

TABLE 19.
PRODUCTION OF PRIMARY CROPS BY GROUP, 2023 (THOUSAND TONNES) (CONTINUED)

COUNTRY	CEREALS	SUGAR CROPS	VEGETABLES	OIL CROPS	FRUIT	ROOTS AND TUBERS	OTHER	TOTAL
Iraq	5.224	35	908	37	1.698	229	58	8.190
Ireland	1.880	0	183	94	29	322	75	2.583
Israel	232	0	1.124	103	1.619	532	25	3.636
Italy	15.453	1.399	10.309	3.886	16.159	1.265	471	48.943
Jamaica	2	415	293	78	413	305	34	1.541
Japan	11.499	4.622	10.056	280	2.814	3.246	410	32.927
Jordan	73	0	1.551	170	623	194	13	2.623
Kazakhstan	17.081	510	4.274	2.554	3.216	2.047	720	30.402
Kenya	5.146	5.556	2.978	187	5.550	4.191	4.060	27.668
Kiribati	0	0	6	189	9	2	0	206
Kuwait	31	0	239	1	133	18	0	422
Kyrgyzstan	1.672	621	1.213	79	431	1.287	179	5.481
Lao People's Democratic Republic	4.285	1.661	1.574	60	1.156	11.333	594	20.662
Latvia	2.716	0	57	350	11	148	144	3.425
Lebanon	133	7	676	144	999	660	60	2.678
Lesotho	143	0	33	0	15	132	6	329
Liberia	256	279	125	210	215	701	148	1.933
Libya	208	0	698	162	689	370	46	2.173
Lithuania	5.630	1.041	152	828	50	267	370	8.338
Luxembourg	148	1	8	8	12	13	1	191
Madagascar	5.390	3.215	469	149	1.293	4.298	306	15.119
Malawi	3.795	3.169	1.673	782	3.943	15.882	1.132	30.377
Malaysia	2.167	17	1.253	95.678	1.618	92	526	101.351
Maldives	0	0	3	0	4	0	2	9
Mali	9.979	745	2.769	1.479	2.563	994	548	19.076
Malta	0	0	38	0	11	6	0	55
Marshall Islands	0	0	0	43	0	0	0	43
Mauritania	566	0	5	3	28	11	53	665
Mauritius	2	2.453	115	1	24	20	9	2.624
Mexico	37.016	55.978	16.454	3.580	26.148	2.367	1.822	143.365
Micronesia (Federated States of)	0	0	4	95	3	12	0	113
Mongolia	470	0	209	55	2	179	7	923
Montenegro	7	0	19	0	59	23	3	111
Morocco	5.675	1.855	4.197	1.105	5.147	1.836	445	20.260
Mozambique	2.459	1.621	1.404	976	736	8.607	1.089	16.893
Myanmar	28.286	11.691	4.889	4.371	2.777	701	4.470	57.184
Namibia	153	0	66	0	70	388	23	701
Nauru	0	0	0	2	0	0	0	3
Nepal	11.151	3.130	4.558	312	1.499	3.644	936	25.230
Netherlands (Kingdom of the)	1.499	6.943	4.759	8	670	6.492	20	20.390
New Zealand	960	0	792	5	1.922	440	32	4.151
Nicaragua	881	6.965	228	697	621	401	343	10.137
Niger	5.162	628	3.831	607	713	971	2.832	14.745

TABLE 19.
PRODUCTION OF PRIMARY CROPS BY GROUP, 2023 (THOUSAND TONNES) (CONTINUED)

COUNTRY	CEREALS	SUGAR CROPS	VEGETABLES	OIL CROPS	FRUIT	ROOTS AND TUBERS	OTHER	TOTAL
Nigeria	28.054	1.543	16.478	19.091	16.189	138.249	5.861	225.465
North Macedonia	523	4	647	18	412	184	56	1.844
Norway	785	0	182	5	34	314	6	1.325
Oman	225	2	1.115	7	578	14	1	1.941
Pakistan	53.188	87.670	5.933	6.967	8.946	8.960	855	172.518
Palau								
Panama	597	1.366	107	276	1.041	75	28	3.490
Papua New Guinea	19	321	587	4.731	2.516	1.913	112	10.197
Paraguay	6.872	6.858	148	10.605	833	3.302	201	28.819
Peru	5.504	10.088	3.110	1.820	8.202	7.532	940	37.196
Philippines	28.465	21.651	6.870	15.478	16.687	3.309	795	93.254
Poland	35.184	16.941	4.642	3.754	4.925	5.590	888	71.925
Portugal	1.043	0	2.580	1.204	2.119	325	112	7.382
Qatar	2	0	104	0	41	1	3	151
Republic of Korea	5.134	0	9.280	209	2.896	869	151	18.539
Republic of Moldova	3.177	428	279	1.008	1.349	172	62	6.475
Romania	20.785	404	1.199	4.133	2.357	1.183	226	30.287
Russian Federation	136.708	48.825	13.860	30.365	6.560	19.374	4.863	260.556
Rwanda	846	102	684	43	3.508	3.770	664	9.617
Saint Kitts and Nevis	0	0	1	4	2	1	0	7
Saint Lucia	0	0	3	11	15	4	0	34
Saint Vincent and the Grenadines	1	0	2	2	67	11	3	87
Samoa	0	0	1	68	46	25	1	141
San Marino								
Sao Tome and Principe	1	0	4	28	51	15	4	103
Saudi Arabia	1.193	0	1.659	397	3.037	610	15	6.912
Senegal	4.253	1.284	1.007	1.682	1.824	1.731	166	11.948
Serbia	10.834	2.041	639	1.424	1.541	607	89	17.175
Seychelles	0	0	3	6	3	0	0	12
Sierra Leone	1.537	83	429	520	282	2.523	129	5.501
Singapore	0	0	20	0	0	0	0	20
Slovakia	4.305	1.408	131	859	78	136	34	6.950
Slovenia	667	7	74	19	120	69	5	960
Solomon Islands	3	0	6	498	28	202	11	748
Somalia	178	241	110	67	227	108	28	959
South Africa	19.009	17.944	2.618	3.844	8.397	2.492	184	54.487
South Sudan	1.086	0	507	495	521	1.707	46	4.362
Spain	11.928	2.890	11.527	6.153	16.503	1.922	893	51.816
Sri Lanka	4.745	806	1.176	2.109	1.146	513	2.285	12.779
Sudan	4.162	4.373	3.342	3.252	3.530	973	572	20.204
Suriname	203	87	14	3	38	9	0	352
Sweden	4.328	1.744	327	309	52	810	103	7.672
Switzerland	809	1.200	359	108	357	360	11	3.204

TABLE 19.
PRODUCTION OF PRIMARY CROPS BY GROUP, 2023 (THOUSAND TONNES) (CONTINUED)

COUNTRY	CEREALS	SUGAR CROPS	VEGETABLES	OIL CROPS	FRUIT	ROOTS AND TUBERS	OTHER	TOTAL
Syrian Arab Republic	4.879	34	1.778	839	2.058	620	418	10.625
Tajikistan	1.369	0	2.378	423	1.450	1.145	95	6.861
Thailand	38.532	93.982	2.700	19.443	10.571	31.117	5.762	202.106
Timor-Leste	168	0	36	36	18	52	20	329
Togo	1.514	0	150	535	69	2.252	302	4.822
Tonga	0	0	28	70	9	24	0	131
Trinidad and Tobago	5	0	11	23	75	8	4	126
Tunisia	542	96	3.002	1.098	2.450	436	227	7.852
Türkiye	42.193	25.250	27.237	6.324	27.448	5.700	4.842	138.994
Türkmenistan	1.469	86	670	661	1.108	788	28	4.810
Tuvalu	0	0	1	2	1	0	0	4
Uganda	3.380	6.190	1.367	919	11.151	3.947	1.759	28.714
Ukraine	59.308	13.130	8.302	21.839	2.411	21.359	515	126.862
United Arab Emirates	22	0	318	0	358	1	1	700
United Kingdom of Great Britain and Northern Ireland	22.047	7.746	2.247	1.252	583	4.704	1.142	39.722
United Republic of Tanzania	12.789	3.589	3.041	2.871	5.981	11.844	2.673	42.789
United States of America	462.632	61.854	31.469	127.379	21.754	21.131	6.105	732.324
Uruguay	3.937	542	179	1.267	430	151	10	6.516
Uzbekistan	7.912	2	10.909	3.802	6.656	3.574	204	33.058
Vanuatu	1	2	51	364	121	83	18	640
Venezuela (Bolivarian Republic of)	2.101	1.620	1.262	791	3.264	1.046	186	10.271
Viet Nam	47.936	11.844	18.257	2.609	12.589	11.633	5.991	110.858
Yemen	435	0	538	27	1.233	302	432	2.968
Zambia	3.659	4.653	436	1.143	128	4.750	181	14.950
Zimbabwe	1.168	5.670	2.164	499	1.002	1.081	510	12.095

Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/QCL>. Licence: CC-BY-4.0.

TABLE 20.
PRODUCTION VALUE OF PRIMARY CROPS BY GROUP, 2023 (USD MILLION, 2014–2016 PRICES)

COUNTRY	CEREALS	VEGETABLES	FRUIT	OIL CROPS	ROOTS AND TUBERS	SUGAR CROPS	OTHER	TOTAL
World	878 826	573 227	492 250	385 210	221 582	104 144	326 995	2 982 235
Africa	61 796	38 452	46 085	17 562	92 585	6 887	32 409	295 777
Americas	133 704	45 644	68 129	140 722	17 737	27 244	56 294	489 476
Asia	582 703	436 044	314 686	169 862	89 841	61 031	223 507	1 877 673
Europe	86 602	50 444	56 925	49 802	20 432	7 914	8 575	280 695
Oceania	14 020	2 643	6 424	7 262	986	1 068	6 209	38 614
Afghanistan								
Albania	223	480	369	181	82	1	116	1 452
Algeria	1 459	4 686	10 416	424	1 844		212	19 042
Andorra								
Angola	1 081	465	2 183	201	2 884		453	7 267
Antigua and Barbuda	0	2	4		1		0	7
Argentina	9 579	2 093	1 531	9 952	913	636	1 498	26 203
Armenia	78	167	276		106	4	19	650
Australia	13 745	1 820	4 117	7 135	675	1 017	6 154	34 663
Austria	761	353	470	250	106	82	97	2 120
Azerbaijan	827	927	930	97	394	11	278	3 465
Bahamas								
Bahrain								
Bangladesh	14 555	2 179	1 476	529	1 961	131	4 267	25 098
Barbados	0	27	9	3	9	2	6	57
Belarus	1 156	872	331	286	620	173	213	3 651
Belgium	461	1 538	468	11	490	148	0	3 117
Belize	41	11	35	13	2	60	6	169
Benin	970	329		149	3 162		176	4 787
Bhutan	41	18	28	0	36	0	43	167
Bolivia (Plurinational State of)	918	115	363	1 214	400	2 250	211	5 470
Bosnia and Herzegovina	194	387	402	13	94	0	188	1 278
Botswana	26		1	1			9	37
Brazil	27 352	5 046	12 915	61 077	4 378	17 340	17 127	145 234
Brunei Darussalam	4	20	14	0	3		1	42
Bulgaria	1 845	159	154	803	28		24	3 013
Burkina Faso	1 137	430	211	594	58	32	698	3 160
Burundi	387	164	402	97	1 192	8	412	2 662
Cabo Verde	0	49	9	5	15	4	19	102
Cambodia	3 750	438	392	132	2 432	2 954	348	10 446
Cameroon	1 406	1 124	1 524	998	2 962		1 513	9 528
Canada	10 225	1 350	810	9 644	1 500	84	2 033	25 645
Central African Republic	192		21		871		0	1 084
Chad	1 088	89	89	951	517	19	215	2 967
Chile	490	1 562	7 458	63	386	27	470	10 456
China	271 296	304 516	177 297	74 484	47 724	35 057	119 368	1 029 741
Colombia	1 908	1 028	5 298	4 520	1 324	988	2 171	17 237

TABLE 20.
PRODUCTION VALUE OF PRIMARY CROPS BY GROUP, 2023 (USD MILLION, 2014–2016 PRICES) (CONTINUED)

COUNTRY	CEREALS	VEGETABLES	FRUIT	OIL CROPS	ROOTS AND TUBERS	SUGAR CROPS	OTHER	TOTAL
Comoros								
Congo	23	113	283	84	2 331	124	31	2 988
Costa Rica	46	152	3 620	175	109	132	267	4 501
Côte d'Ivoire	1 635	177	1 089	679	4 716	102	6 872	15 270
Croatia	485	54	123	171	25	17	16	892
Cuba								
Cyprus	15	39	52	24	36		2	169
Czechia	1 490	129	107	619	139	139	87	2 710
Democratic People's Republic of Korea								
Democratic Republic of the Congo								
Denmark	1 237	137	55	352	788	99	13	2 681
Djibouti								
Dominica								
Dominican Republic	378	638	1 632	272	240	133	363	3 656
Ecuador	1 002	199	2 312	284	127	176	1 073	5 174
Egypt	7 275	2 948	4 877	867	1 250	1 461	347	19 026
El Salvador	332	57	98	23	30	198	269	1 008
Equatorial Guinea			32	12	76		11	131
Eritrea	412	64	4	26	99		59	665
Estonia	196	8	6	58	34		30	332
Eswatini								
Ethiopia	8 851	701	346	647	376	117	2 776	13 815
Fiji	5	171	39	9	126	51	18	419
Finland	494	266	99	17	101	18	33	1 029
France	11 533	5 649	17 031	2 941	2 778	981	432	41 346
Gabon								
Gambia	53	2	2	27	7		0	91
Georgia	94	43	183	3	60		187	569
Germany	7 550	2 433	2 420	1 835	2 196	1 674	317	18 425
Ghana	1 996	925	1 807	1 196	10 938	2	1 061	17 924
Greece	825	1 047	2 180	7 645	174	0	1 071	12 942
Grenada	0	10	14	13	1	5	5	49
Guatemala								
Guinea	984	6	78	396	338	4	219	2 025
Guinea-Bissau	224		30		824		1	1 080
Guyana		154	200	10	42		112	518
Haiti								
Honduras	247	142	406	321	22	97	1 035	2 269
Hungary	2 478	304	514	1 119	56	28	33	4 531
Iceland	2	18			7		0	27
India	135 335	53 198	52 930	29 171	12 132	10 445	42 506	335 717
Indonesia	43 627	13 395	12 776	30 725	4 728	1 516	5 756	112 523
Iran (Islamic Republic of)	10 237	2 069	9 566	755	528	818	6 949	30 922

TABLE 20.
PRODUCTION VALUE OF PRIMARY CROPS BY GROUP, 2023 (USD MILLION, 2014–2016 PRICES) (CONTINUED)

COUNTRY	CEREALS	VEGETABLES	FRUIT	OIL CROPS	ROOTS AND TUBERS	SUGAR CROPS	OTHER	TOTAL
Iraq	2 281	489	751	22	125		2	3 670
Ireland	432	213	27	96	100		1	869
Israel	102	1 001	2 368	112	340		106	4 028
Italy	4 031	8 602	8 088	5 905	569	74	1 131	28 400
Jamaica	7	297	494	12	330	15	101	1 255
Japan	18 565	14 728	8 199	472	4 526	582	4 721	51 794
Jordan	34	604	416	198	81		11	1 344
Kazakhstan	2 369	1 705	746	683	450	20	152	6 125
Kenya	1 820	1 376	1 706	37	1 375	186	7 920	14 419
Kiribati								
Kuwait	24	81	143	2	8		0	257
Kyrgyzstan	408	469	79	25	342	30	181	1 535
Lao People's Democratic Republic	1 383	1 296	705	78	1 042	326	292	5 123
Latvia	452	31	6	134	26		18	667
Lebanon	42	430	952	171	291	3	162	2 051
Lesotho								
Liberia								
Libya								
Lithuania	996	81	37	320	49	39	65	1 588
Luxembourg	24	5	18	3	4		0	54
Madagascar	1 165	143	301	75	590	256	555	3 085
Malawi	1 116	510	1 015	499	5 570	309	721	9 740
Malaysia	696	728	406	13 393	28	4	887	16 141
Maldives		1	2	0	0		0	3
Mali	2 308	2 432	1 445	583	437	17	228	7 451
Malta		17	9	0	2		0	28
Marshall Islands								
Mauritania								
Mauritius	0	84	11	1	15	101	6	218
Mexico	7 813	6 601	9 421	746	936	1 766	2 229	29 511
Micronesia (Federated States of)								
Mongolia	117	155			93		8	374
Montenegro								
Morocco	1 522	1 403	3 134	617	377	65	257	7 375
Mozambique	752	1 134	325	361	2 156	12	832	5 570
Myanmar								
Namibia	55	15	45	0	61		15	191
Nauru								
Nepal	2 949	1 779	406	292	1 034	148	581	7 190
Netherlands (Kingdom of the)	271	2 666	713	3	979	319	1	4 953
New Zealand	267	630	2 176	2	148		33	3 255
Nicaragua	298	67	130	192	113	178	450	1 427

TABLE 20.
PRODUCTION VALUE OF PRIMARY CROPS BY GROUP, 2023 (USD MILLION, 2014–2016 PRICES) (CONTINUED)

COUNTRY	CEREALS	VEGETABLES	FRUIT	OIL CROPS	ROOTS AND TUBERS	SUGAR CROPS	OTHER	TOTAL
Niger	2 359	2 136	122	425	481	100	539	6 162
Nigeria	10 279	12 222	3 258	3 393	37 335	179	2 126	68 793
North Macedonia	108	296	104	12	52	0	127	699
Norway	273	291	104	3	115		3	788
Oman	34	284	84		5	0	0	407
Pakistan	16 156	2 152	4 120	2 974	2 727	3 190	4 450	35 769
Palau								
Panama	326	84	358	107	70	33	62	1 040
Papua New Guinea								
Paraguay	1 063	95	296	3 879	202	163	101	5 798
Peru	2 374	1 462	2 357	405	1 962	367	1 547	10 473
Philippines	10 448	2 543	4 560	2 401	612	1 385	718	22 667
Poland	5 870	1 671	1 327	1 530	608	573	299	11 878
Portugal	236	1 655	2 275	502	90		178	4 936
Qatar	1	71	34		1		0	106
Republic of Korea	8 575	11 875	3 856	733	269		597	25 906
Republic of Moldova	416	63	242	333	23	16	35	1 128
Romania	4 107	803	1 688	1 586	429	16	391	9 020
Russian Federation	19 973	7 573	3 318	9 907	4 556	2 325	1 248	48 900
Rwanda	390	259	1 852	38	1 023	6	317	3 885
Saint Kitts and Nevis		1	0	7	2		0	10
Saint Lucia		7	17	17	5		2	48
Saint Vincent and the Grenadines	1	1	43	2	13		21	81
Samoa			51	16	18		0	86
San Marino								
Sao Tome and Principe								
Saudi Arabia	459	1 474	5 757	8	412		10	8 119
Senegal	1 199	233	772	534	486	18	93	3 335
Serbia	1 646	252	724	484	135	72	96	3 410
Seychelles		2	4	10	0		0	16
Sierra Leone	988	605	144	82	1 210		32	3 062
Singapore		22	0	0	0		0	22
Slovakia	735	75	54	345	41	54	11	1 316
Slovenia	108	49	75	7	17	0	23	280
Solomon Islands								
Somalia								
South Africa	3 858	1 060	5 060	1 543	599	683	1 165	13 969
South Sudan								
Spain	2 520	6 663	10 621	4 121	536	126	1 317	25 904
Sri Lanka	1 365	615	330	794	141	26	1 774	5 045
Sudan								
Suriname	34	18	37	2	6	6	0	103
Sweden	722	187	78	120	264	55	6	1 432

TABLE 20.
PRODUCTION VALUE OF PRIMARY CROPS BY GROUP, 2023 (USD MILLION, 2014–2016 PRICES) (CONTINUED)

COUNTRY	CEREALS	VEGETABLES	FRUIT	OIL CROPS	ROOTS AND TUBERS	SUGAR CROPS	OTHER	TOTAL
Switzerland	333	629	813	86	183	78	27	2 149
Syrian Arab Republic								
Tajikistan	375	581	606	120	273		181	2 134
Thailand	9 235	1 442	4 980	3 760	2 025	2 256	8 593	32 290
Timor-Leste	234	9	7	2	16		39	307
Togo	471	113	33	173	653		261	1 703
Tonga								
Trinidad and Tobago	2	29	57	19	9		9	125
Tunisia	148	658	1 418	584	106	3	255	3 172
Türkiye	11 928	12 821	12 536	5 820	2 204	1 585	11 422	58 317
Turkmenistan	521	157	225	276	342	7	199	1 727
Tuvalu								
Uganda								
Ukraine	8 251	2 133	681	7 494	2 829	485	281	22 155
United Arab Emirates								
United Kingdom of Great Britain and Northern Ireland	4 166	2 651	1 199	506	1 107	321	645	10 596
United Republic of Tanzania	3 106	383	1 464	855	2 007		1 223	9 036
United States of America	68 427	24 145	17 651	47 488	4 482	2 589	25 113	189 896
Uruguay	834	215	343	263	116	3	2	1 776
Uzbekistan								
Vanuatu	1		12	84			4	102
Venezuela (Bolivarian Republic of)								
Viet Nam	14 181	652	5 247	1 376	2 093	531	8 251	32 332
Yemen	330	398	1 107	40	189		383	2 446
Zambia	629	65	5	225	3 197		22	4 143
Zimbabwe	431	1 346	568	171	448	3 079	759	6 802

Source: FAO. 2025. FAOSTAT: Value of Agricultural Production. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/QV>.
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TABLE 21.
PRODUCTION OF PRIMARY CROPS MAIN COMMODITIES, 2023 (THOUSAND TONNES)

COUNTRY	SUGAR CANE	MAIZE	RICE, PADDY	WHEAT	OIL PALM FRUIT	POTATOES	OTHER CROPS	TOTAL
World	2 025 797	1 241 558	800 000	798 975	409 152	383 083	4 224 727	9 883 292
Africa	95 168	95 004	42 673	26 349	25 917	29 918	732 031	1 047 061
Americas	1 020 318	623 231	36 712	109 434	24 457	47 042	764 831	2 626 024
Asia	875 830	403 726	716 776	352 341	355 043	204 418	2 088 693	4 996 827
Europe		119 027	3 332	269 261		99 810	586 791	1 078 221
Oceania	34 481	570	508	41 591	3 735	1 894	52 381	135 159
Afghanistan	56	363	597	4 300		889	5 437	11 642
Albania		409		234		274	2 127	3 044
Algeria		12	0	2 500		4 632	18 425	25 569
Andorra								
Angola	1 013	3 215	40	21	281	502	22 681	27 753
Antigua and Barbuda		0					10	10
Argentina	15 436	41 409	1 163	12 556		2 366	52 947	125 878
Armenia		6		178		365	1 463	2 012
Australia	32 589	387	497	41 199		1 463	40 519	116 654
Austria		2 105		1 745		594	5 724	10 168
Azerbaijan		287	14	1 792		1 011	5 324	8 427
Bahamas	63	1					88	152
Bahrain						0	40	40
Bangladesh	2 983	4 593	58 613	1 107		10 432	20 005	97 733
Barbados	73	0					25	98
Belarus		1 000		2 400		4 021	12 255	19 676
Belgium		517	0	1 791		4 022	7 986	14 317
Belize	1 489	112	18			1	182	1 803
Benin	81	2 059	493		707	0	11 423	14 763
Bhutan	0	25	41	1		38	119	224
Bolivia (Plurinational State of)	10 307	1 257	699	273		1 167	7 506	21 209
Bosnia and Herzegovina		698		228		366	1 636	2 929
Botswana		33		1		4	254	292
Brazil	782 586	131 950	10 286	7 730	2 898	4 189	250 811	1 190 450
Brunei Darussalam	0		4				20	24
Bulgaria		2 449	64	6 855		119	3 808	13 295
Burkina Faso	508	1 995	504			30	8 837	11 874
Burundi	196	586	412	8	85	450	6 659	8 395
Cabo Verde	23	0				3	50	76
Cambodia	800	1 480	12 900		614		16 063	31 857
Cameroon	1 142	2 200	358	1	2 879	364	22 476	29 421
Canada		15 076		31 954		6 543	47 334	100 907
Central African Republic	132	221	53		6	1	3 361	3 774
Chad	454	354	224	1		37	4 614	5 684
Chile		543	109	1 290		843	10 511	13 296
China	104 989	289 086	208 064	136 596	669	93 492	1 079 268	1 912 164
Colombia	32 416	1 950	3 006	9	8 321	2 573	17 149	65 425

TABLE 21.
PRODUCTION OF PRIMARY CROPS MAIN COMMODITIES, 2023 (THOUSAND TONNES) (CONTINUED)

COUNTRY	SUGAR CANE	MAIZE	RICE, PADDY	WHEAT	OIL PALM FRUIT	POTATOES	OTHER CROPS	TOTAL
Comoros		20	0			4	317	340
Congo	726	13	1		155	7	2 120	3 021
Costa Rica	3 423	7	76		1 219	81	6 891	11 698
Côte d'Ivoire	2 150	1 223	2 012		2 753		25 632	33 770
Croatia		1 991	0	834		126	1 700	4 652
Cuba	8 266	160	130			102	4 638	13 295
Cyprus			0	28		90	206	324
Czechia		508	0	5 262		574	8 084	14 428
Democratic People's Republic of Korea		2 300	1 776	67		522	6 628	11 294
Democratic Republic of the Congo	2 434	2 336	1 812	9	2 233	107	55 519	64 450
Denmark		41	0	3 556		2 757	6 903	13 257
Djibouti	0	0					54	54
Dominica	5	0				0	125	130
Dominican Republic	4 572	82	947		332	105	10 534	16 571
Ecuador	6 254	1 413	1 313	4	2 050	262	10 595	21 891
Egypt	15 269	7 130	5 600	9 700		6 869	49 937	94 506
El Salvador	7 393	770	11			7	873	9 054
Equatorial Guinea					41		304	345
Eritrea		20		25		0	437	482
Estonia		0	0	694		79	784	1 558
Eswatini	5 621	85	1	1		9	241	5 958
Ethiopia	948	10 000	202	5 800		1 191	26 242	44 383
Fiji	1 566	2	7			0	379	1 953
Finland		0	0	749		498	3 086	4 333
France		12 835	68	35 996		8 606	68 548	126 053
Gabon	271	46	2		618		1 146	2 083
Gambia		26	55		35		146	262
Georgia		191		147		197	759	1 295
Germany		4 499	0	21 536		11 607	58 960	96 602
Ghana	157	3 619	1 463		2 561		49 563	57 362
Greece		1 417	190	1 309		309	6 169	9 395
Grenada	9	0					33	42
Guatemala	26 410	2 076	51	0	3 291	666	9 381	41 874
Guinea	324	982	3 535		886	560	8 645	14 932
Guinea-Bissau	7	21	226		81		733	1 068
Guyana	950	4	995				789	2 738
Haiti	1 501	180	136			35	2 392	4 244
Honduras	5 377	723	35	1	1 988	27	2 497	10 647
Hungary		6 242	8	5 942		210	8 480	20 882
Iceland						7	14	21
India	490 533	38 085	206 727	110 554		60 142	405 012	1 311 053
Indonesia	34 700	19 986	53 981		240 000	1 249	83 451	433 366
Iran (Islamic Republic of)	8 600	353	3 599	14 000		2 483	36 222	65 256

TABLE 21.
PRODUCTION OF PRIMARY CROPS MAIN COMMODITIES, 2023 (THOUSAND TONNES) (CONTINUED)

COUNTRY	SUGAR CANE	MAIZE	RICE, PADDY	WHEAT	OIL PALM FRUIT	POTATOES	OTHER CROPS	TOTAL
Iraq	0	538	13	4 248		229	3 162	8 190
Ireland		0	0	484		322	1 777	2 583
Israel		51		136		505	2 944	3 636
Italy		5 349	1 379	6 894		1 265	34 056	48 943
Jamaica	415	2	0			13	1 111	1 541
Japan	1 219	0	10 136	1 094		2 180	18 298	32 927
Jordan		0		27		194	2 403	2 623
Kazakhstan		1 189	485	12 111		2 047	14 570	30 402
Kenya	5 556	4 285	229	309		2 310	14 978	27 668
Kiribati							206	206
Kuwait	0	26		0		18	378	422
Kyrgyzstan		800	47	440		1 287	2 907	5 481
Lao People's Democratic Republic	1 661	450	3 835			4	14 713	20 662
Latvia		0	0	2 137		148	1 141	3 425
Lebanon		3		100		660	1 916	2 678
Lesotho		127		6		132	63	329
Liberia	279		256		191		1 208	1 933
Libya		4		130		370	1 669	2 173
Lithuania		91	0	4 455		267	3 524	8 338
Luxembourg		1	0	72		13	105	191
Madagascar	3 215	268	5 118	3	21	251	6 244	15 119
Malawi	3 169	3 510	124	1		1 552	22 020	30 377
Malaysia	17	1	2 167		94 953		4 214	101 351
Maldives		0					9	9
Mali	735	3 387	3 024	39		228	11 664	19 076
Malta		0	0	0		6	49	55
Marshall Islands							43	43
Mauritania		15	458	2		2	188	665
Mauritius	2 453	2	0			14	156	2 624
Mexico	55 977	27 550	252	3 476	1 393	1 986	52 731	143 365
Micronesia (Federated States of)		0	0				113	113
Mongolia				443		179	300	923
Montenegro		3		2		23	83	111
Morocco	385	60	56	4 158		1 823	13 777	20 260
Mozambique	1 621	2 125	162	16		526	12 443	16 893
Myanmar	11 221	2 200	25 650	80		432	17 600	57 184
Namibia		106		25		14	556	701
Nauru							3	3
Nepal	3 130	2 976	5 724	2 098		3 488	7 813	25 230
Netherlands (Kingdom of the)		152	0	1 097		6 492	12 650	20 390
New Zealand		164		392		429	3 166	4 151
Nicaragua	6 965	356	499		463	62	1 793	10 137

TABLE 21.
PRODUCTION OF PRIMARY CROPS MAIN COMMODITIES, 2023 (THOUSAND TONNES) (CONTINUED)

COUNTRY	SUGAR CANE	MAIZE	RICE, PADDY	WHEAT	OIL PALM FRUIT	POTATOES	OTHER CROPS	TOTAL
Niger	628	14	143	5		293	13 661	14 745
Nigeria	1 543	11 053	8 902	53	11 598	1 218	191 097	225 465
North Macedonia		133	20	215		184	1 292	1 844
Norway				172		314	840	1 325
Oman	2	2		8		14	1 915	1 941
Pakistan	87 638	9 847	14 804	28 161		8 320	23 749	172 518
Palau								
Panama	1 366	160	436		256	27	1 246	3 490
Papua New Guinea	321	13	1		3 359	1	6 502	10 197
Paraguay	6 858	4 492	978	1 288	146	4	15 053	28 819
Peru	10 088	1 640	3 368	194	1 521	5 445	14 940	37 196
Philippines	21 651	8 405	20 060		541	100	42 498	93 254
Poland		8 982	0	12 932		5 590	44 421	71 925
Portugal		767	179	35		325	6 077	7 382
Qatar		2		0		1	148	151
Republic of Korea		91	4 898	52		544	12 954	18 539
Republic of Moldova		1 351		1 555		172	3 396	6 475
Romania		8 744	12	9 624		1 183	10 723	30 287
Russian Federation		16 600	1 066	91 500		19 374	132 016	260 556
Rwanda	102	508	134	17		865	7 992	9 617
Saint Kitts and Nevis						0	7	7
Saint Lucia							34	34
Saint Vincent and the Grenadines		1					86	87
Samoa	0						141	141
San Marino								
Sao Tome and Principe		1			26		76	103
Saudi Arabia		60	1	923		610	5 317	6 912
Senegal	1 284	929	1 520		126	141	7 949	11 948
Serbia		6 631		3 449		600	6 496	17 175
Seychelles							12	12
Sierra Leone	83	25	1 400		421		3 574	5 501
Singapore							20	20
Slovakia		1 106	0	2 491		136	3 218	6 950
Slovenia		389	0	145		69	357	960
Solomon Islands			3		376		370	748
Somalia	241	75	2	1			640	959
South Africa	17 944	16 430	3	2 050		2 416	15 645	54 487
South Sudan		141	33				4 188	4 362
Spain		2 835	334	4 049		1 922	42 676	51 816
Sri Lanka	806	221	4 513			41	7 198	12 779
Sudan	4 373	23	22	378		528	14 880	20 204
Suriname	87	0	203		1		61	352
Sweden		16	0	2 768		810	4 079	7 672

TABLE 21.
PRODUCTION OF PRIMARY CROPS MAIN COMMODITIES, 2023 (THOUSAND TONNES) (CONTINUED)

COUNTRY	SUGAR CANE	MAIZE	RICE, PADDY	WHEAT	OIL PALM FRUIT	POTATOES	OTHER CROPS	TOTAL
Switzerland		135		447		360	2 261	3 204
Syrian Arab Republic		563		3 080		620	6 362	10 625
Tajikistan		200	134	861		1 145	4 520	6 861
Thailand	93 982	4 954	33 071	1	18 267	120	51 710	202 106
Timor-Leste		85	83			1	160	329
Togo		1 013	183		134		3 492	4 822
Tonga							131	131
Trinidad and Tobago		5	0				121	126
Tunisia				400		436	7 015	7 852
Türkiye		9 000	900	22 000		5 700	101 394	138 994
Turkmenistan		4	87	1 100		788	2 831	4 810
Tuvalu							4	4
Uganda	6 190	2 800	260	25		422	19 017	28 714
Ukraine		31 030	11	21 625		21 359	52 837	126 862
United Arab Emirates		22				1	676	700
United Kingdom of Great Britain and Northern Ireland				13 980		4 704	21 038	39 722
United Republic of Tanzania	3 589	8 011	3 588	87	79	962	26 474	42 789
United States of America	29 897	389 694	9 902	49 314		19 992	233 525	732 324
Uruguay	542	266	1 373	1 344		68	2 924	6 516
Uzbekistan		781	356	6 472		3 574	21 875	33 058
Vanuatu	2	1				0	638	640
Venezuela (Bolivarian Republic of)	1 595	1 350	722	1	578	476	5 548	10 271
Viet Nam	11 844	4 437	43 498			341	50 738	110 858
Yemen		60		100		302	2 506	2 968
Zambia	4 653	3 262	63	277		65	6 630	14 950
Zimbabwe	5 670	635	0	300		581	4 909	12 095

Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025].
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TABLE 22.
PRODUCTION OF VEGETABLE OILS MAIN COMMODITIES (THOUSAND TONNES)

COUNTRY	2022					TOTAL VEGETABLE OILS		
	OIL, PALM	OIL, SOYBEAN	OIL, RAPESEED	OIL, SUNFLOWER	OTHER	2000	2010	2022
World	78 873	58 051	26 691	20 265	28 154	92 236	147 429	212 034
Africa	3 483	1 628	70	803	3 399	4 812	5 823	9 383
Americas	5 685	30 552	5 061	2 029	3 380	25 424	34 585	46 706
Asia	68 857	21 750	9 171	2 154	18 818	45 949	82 523	120 750
Europe	0	4 115	11 849	15 267	2 299	15 235	23 453	33 530
Oceania	848	7	540	13	257	815	1 045	1 664
Afghanistan				3	38	17	6	40
Albania		0		0	16	2	9	16
Algeria		246	8	4	116	41	62	374
Andorra								
Angola	61			4	42	63	87	107
Antigua and Barbuda					0	0	0	0
Argentina		7 448	1	1 498	193	5 419	8 272	9 140
Armenia				0	0		1	0
Australia		7	540	13	64	319	393	624
Austria		32	135	81	4	130	198	252
Azerbaijan		0		33	16	10	46	48
Bahamas								
Bahrain	0	0	0	0	0			0
Bangladesh		374	217		67	232	215	658
Barbados		4			0	4	4	4
Belarus		54	434	20	1	17	160	508
Belgium		49	622	51	178	647	699	900
Belize		3			0		0	3
Benin	96	14			77	62	75	187
Bhutan								
Bolivia (Plurinational State of)		407		90	1	215	387	498
Bosnia and Herzegovina		5	6	32	0	2	37	44
Botswana					0	2	0	0
Brazil	587	8 735	35	125	825	4 510	7 722	10 305
Brunei Darussalam	0	0	0	0	0			0
Bulgaria		1	41	827	9	162	193	878
Burkina Faso					32	23	62	32
Burundi	18				5	4	16	23
Cabo Verde								
Cambodia	97	4			21	13	60	122
Cameroon	330	16			134	191	413	480
Canada		349	3 652	29	101	1 694	2 828	4 132
Central African Republic	1				73	36	37	73
Chad					88	40	44	88
Chile		10	54	1	22	33	36	88
China	113	16 895	3 622	304	4 278	11 038	19 355	25 212
Colombia	1 768	184			140	661	905	2 091

TABLE 22.
PRODUCTION OF VEGETABLE OILS MAIN COMMODITIES (THOUSAND TONNES) (CONTINUED)

COUNTRY	2022					TOTAL VEGETABLE OILS		
	OIL, PALM	OIL, SOYBEAN	OIL, RAPESEED	OIL, SUNFLOWER	OTHER	2000	2010	2022
Comoros					0	5	5	0
Congo	28				6	19	28	34
Costa Rica	282	40			40	184	286	362
Côte d'Ivoire	560				133	334	436	693
Croatia		6	19	31	16	43	57	72
Cuba		11			0	6	29	11
Cyprus					5	4	2	5
Czechia		9	396	97	4	225	334	505
Democratic People's Republic of Korea		22			35	62	72	57
Democratic Republic of the Congo	300				37	218	208	337
Denmark		1	276	0	4	158	212	280
Djibouti								
Dominica					0	1	1	0
Dominican Republic	45	6			18	37	54	69
Ecuador	437	5			31	245	426	473
Egypt		672		9	81	142	345	762
El Salvador					3	6	3	3
Equatorial Guinea	5				1	6	5	6
Eritrea					1	0	1	1
Estonia			61	1	1	6	19	63
Eswatini					0	0	0	0
Ethiopia		11	5		44	21	48	60
Fiji					5	8	5	5
Finland		5	65	5	0	95	125	75
France		78	1 838	593	87	1 268	2 603	2 597
Gabon	148	1			11	7	35	159
Gambia	4				8	33	23	12
Georgia		2		2	0	2	8	4
Germany		618	3 722	90	62	2 827	3 660	4 493
Ghana	269	23			147	156	242	439
Greece		40	10	77	356	565	458	482
Grenada					0	0	0	0
Guatemala	940	7		0	91	78	211	1 039
Guinea	50				139	102	124	189
Guinea-Bissau	6				30	18	22	36
Guyana					0	2	1	0
Haiti					0	0	0	0
Honduras	650	0			79	110	391	729
Hungary		24	117	731	38	197	287	910
Iceland			0		0			0
India		1 477	3 449	83	2 441	5 483	7 865	7 450
Indonesia	46 820			5	5 522	8 873	25 223	52 347
Iran (Islamic Republic of)		415	107	47	38	171	127	608

TABLE 22.
PRODUCTION OF VEGETABLE OILS MAIN COMMODITIES (THOUSAND TONNES) (CONTINUED)

COUNTRY	2022					TOTAL VEGETABLE OILS		
	OIL, PALM	OIL, SOYBEAN	OIL, RAPESEED	OIL, SUNFLOWER	OTHER	2000	2010	2022
Iraq		4		33	8	17	14	45
Ireland		2	7		0	10	10	9
Israel		57	0	8	18	129	108	83
Italy		414	30	161	449	1 123	1 137	1 053
Jamaica	7	0			10	6	6	17
Japan		539	886		138	1 822	1 599	1 563
Jordan		3		2	33	30	25	38
Kazakhstan		14	46	552	37	55	226	649
Kenya				5	22	24	25	27
Kiribati					7	0	2	7
Kuwait		0			1	0	1	1
Kyrgyzstan			0	0	6	9	18	6
Lao People's Democratic Republic		1			6	4	8	6
Latvia		0	56	1	0	1	54	57
Lebanon		22		3	32	21	45	57
Lesotho								
Liberia	45				2	47	46	47
Libya					18	10	15	18
Lithuania		1	84		0	4	14	85
Luxembourg		0	0	0	0	3	1	0
Madagascar	4				8	19	19	12
Malawi		18		8	53	18	52	79
Malaysia	18 453	106	22	1	2 160	12 408	19 143	20 743
Maldives					0	1	0	0
Mali					87	68	48	87
Malta					0	0	0	0
Marshall Islands					5			5
Mauritania					0	1	0	0
Mauritius					0	0	0	0
Mexico	358	995	458	13	278	945	1 208	2 101
Micronesia (Federated States of)					4	3	3	4
Mongolia			0		0			0
Montenegro					0		0	0
Morocco		9	1	13	201	134	235	223
Mozambique		5		7	80	86	79	92
Myanmar		15		35	356	283	741	406
Namibia				0	0	1	1	0
Nauru					0			0
Nepal		27	24		7	27	26	58
Netherlands (Kingdom of the)		575	180	207	50	1 209	1 248	1 012
New Zealand					2	2	1	2
Nicaragua	155	2			29	17	33	186
Niger					39	18	29	39

TABLE 22.
PRODUCTION OF VEGETABLE OILS MAIN COMMODITIES (THOUSAND TONNES) (CONTINUED)

COUNTRY	2022					TOTAL VEGETABLE OILS		
	OIL, PALM	OIL, SOYBEAN	OIL, RAPESEED	OIL, SUNFLOWER	OTHER	2000	2010	2022
Nigeria	1 420	134			595	1 608	1 437	2 149
North Macedonia		0	0	3	2	2	5	6
Norway		58	4		0	76	81	62
Oman					13	2	4	13
Pakistan		306	329	45	288	713	1 080	969
Palau								
Panama	60	7		0	0	12	25	67
Papua New Guinea	810				124	425	582	934
Paraguay	4	394	28	16	29	193	455	471
Peru	280	1			25	41	84	307
Philippines	133	27			1 398	1 463	1 876	1 558
Poland		18	1 363	23	39	348	962	1 443
Portugal		207	49	116	148	238	358	519
Qatar								
Republic of Korea		200	2		98	247	230	299
Republic of Moldova		1	1	229	1	22	83	232
Romania		62	160	598	1	325	419	822
Russian Federation		825	998	5 999	47	1 416	3 005	7 870
Rwanda					12	1	3	12
Saint Kitts and Nevis					1	0	0	1
Saint Lucia					0	2	0	0
Saint Vincent and the Grenadines		0			0	0	1	0
Samoa					3	6	5	3
San Marino								
Sao Tome and Principe	6				1	2	4	7
Saudi Arabia		130			42	15	82	172
Senegal	14				169	171	181	183
Serbia		54	6	210	4		231	274
Seychelles					0	0	0	0
Sierra Leone	88				29	46	73	117
Singapore		4			10	12	8	14
Slovakia		10	96	17	3	59	100	125
Slovenia			0		3	0	4	3
Solomon Islands	38				14	44	34	52
Somalia					3	9	2	3
South Africa		300	57	275	94	409	460	725
South Sudan					26			26
Spain		563	81	477	709	1 977	2 475	1 830
Sri Lanka		1			85	46	68	86
Sudan				39	298			337
Suriname	0				1	1	1	1
Sweden		3	149	8	1	104	139	162
Switzerland		1	35	5	3	51	44	44

TABLE 22.
PRODUCTION OF VEGETABLE OILS MAIN COMMODITIES (THOUSAND TONNES) (CONTINUED)

COUNTRY	2022					TOTAL VEGETABLE OILS		
	OIL, PALM	OIL, SOYBEAN	OIL, RAPESEED	OIL, SUNFLOWER	OTHER	2000	2010	2022
Syrian Arab Republic		1		3	196	260	366	200
Tajikistan				7	29	23	15	35
Thailand	3 240	525		13	341	860	1 713	4 120
Timor-Leste					0	0		0
Togo	24	9			26	27	17	59
Tonga					5	1	3	5
Trinidad and Tobago		0			2	14	4	2
Tunisia		79		3	237	119	247	319
Türkiye		334	65	901	616	1 034	1 268	1 916
Turkmenistan				0	35	31	60	35
Tuvalu					0	0	0	0
Uganda		15		90	53	72	147	157
Ukraine	0	246	80	4 579	12	1 012	3 096	4 917
United Arab Emirates		10	402		1		314	413
United Kingdom of Great Britain and Northern Ireland		155	728		50	806	936	933
United Republic of Tanzania	6			314	99	112	179	418
United States of America		11 914	803	252	1 380	10 806	11 040	14 349
Uruguay		21	30	2	10	19	19	63
Uzbekistan		3	1	74	146	316	286	224
Vanuatu					19	2	11	19
Venezuela (Bolivarian Republic of)	112	9		3	69	160	153	193
Viet Nam		232			215	180	186	446
Yemen					7	11	11	7
Zambia		66		29	6	14	23	101
Zimbabwe		11		4	39	80	56	53

Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025].
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TABLE 23.
PRODUCTION OF RAW SUGAR (THOUSAND TONNES)

COUNTRY	2000	2005	2010	2015	2018	2019	2020	2021	2022
World	132 551	141 781	153 780	174 677	182 135	176 791	173 089	175 357	187 626
Africa	9 438	10 148	10 238	10 782	11 424	11 295	10 842	11 130	11 022
Americas	45 815	56 168	65 559	64 899	58 174	57 107	67 208	64 138	68 137
Asia	45 738	43 078	51 851	70 319	79 039	75 458	65 449	68 714	78 775
Europe	25 723	26 818	21 438	23 605	28 693	28 438	25 071	27 081	25 313
Oceania	5 837	5 570	4 694	5 071	4 804	4 494	4 519	4 294	4 378
Afghanistan	1	1	2	1	1	1	1	3	5
Albania	3	3	4	3	3	3	3	2	2
Algeria									
Andorra									
Angola	30	30	50	40	75	100	115	118	118
Antigua and Barbuda									
Argentina	1 558	2 139	2 038	2 106	2 129	2 118	2 229	1 748	1 639
Armenia		2	4	53	58	60	29	23	67
Australia	5 448	5 234	4 519	4 816	4 605	4 283	4 335	4 123	4 188
Austria	447	489	465	426	336	340	369	518	467
Azerbaijan		4	9	18	26	53	54	50	53
Bahamas									
Bahrain									
Bangladesh	134	115	66	84	87	100	100	89	84
Barbados	58	38	26	11	12	8	7	5	4
Belarus	201	434	458	491	637	639	618	576	550
Belgium	1 023	999	747	732	945	914	870	805	845
Belize	122	106	88	142	178	198	144	178	179
Benin	5	6	12	13	10	10	10	10	10
Bhutan									
Bolivia (Plurinational State of)	345	403	456	390	560	548	548	514	516
Bosnia and Herzegovina	0	0	0						
Botswana									
Brazil	17 100	29 500	39 872	35 194	28 001	27 732	38 440	35 958	40 219
Brunei Darussalam									
Bulgaria	2	5	0	0	0				
Burkina Faso	30	40	40	42	25	28	25	30	30
Burundi	26	23	14	25	20	18	20	16	24
Cabo Verde									
Cambodia	9	7	10	135	150	120	100	120	120
Cameroon	82	115	116	127	130	128	116	120	99
Canada	121	103	94	102	136	140	113	119	121
Central African Republic	14	12	11	12	11	10	7	5	5
Chad	32	35	38	35	33	21	31	35	35
Chile	482	397	280	259	262	175	163	136	94
China	7 021	9 666	11 423	11 758	11 440	10 451	10 649	9 657	9 002
Colombia	2 391	2 683	2 078	2 355	2 335	2 204	2 217	2 100	2 095
Comoros									

TABLE 23.
PRODUCTION OF RAW SUGAR (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2018	2019	2020	2021	2022
Congo	42	63	73	75	70	70	70	70	70
Costa Rica	366	383	361	435	431	442	440	425	416
Côte d'Ivoire	152	180	154	203	214	225	210	225	225
Croatia	57	204	262	130	275	150	151	135	112
Cuba	4 057	1 298	1 161	1 740	1 233	1 211	1 110	797	475
Cyprus									
Czechia	472	607	499	496	623	625	581	703	690
Democratic People's Republic of Korea									
Democratic Republic of the Congo	72	74	102	88	93	90	128	83	80
Denmark	595	495	372	337	382	400	408	414	373
Djibouti	0	0	0	0	0	0	0	0	0
Dominica									
Dominican Republic	461	470	525	496	625	506	604	614	634
Ecuador	516	581	497	576	575	561	556	560	530
Egypt	1 476	1 628	2 084	2 485	2 600	2 454	2 282	2 720	2 460
El Salvador	524	587	567	823	788	823	782	806	788
Equatorial Guinea									
Eritrea									
Estonia									
Eswatini	528	653	647	716	760	788	673	690	615
Ethiopia	255	358	352	256	289	308	363	400	360
Fiji	335	292	135	222	165	176	152	133	156
Finland	144	189	80	65	58	80	68	65	61
France	4 590	4 550	4 149	4 692	5 801	4 897	3 800	4 671	4 169
Gabon	20	21	26	28	29	26	26	27	21
Gambia									
Georgia	3	0	0	0					
Germany	4 765	4 049	3 640	3 206	4 195	4 615	4 489	5 005	4 399
Ghana									
Greece	400	326	84	27	15	8	9	3	1
Grenada									
Guatemala	1 632	2 015	2 336	2 877	2 693	2 963	2 655	2 649	2 740
Guinea	25	25	25	24	26	23	20	23	20
Guinea-Bissau									
Guyana	273	246	221	231	105	92	89	58	47
Haiti	10	10	10	13	14	13	12	12	12
Honduras	328	381	433	515	546	539	490	444	530
Hungary	291	521	121	122	117	117	140	95	65
Iceland					0	0	0	0	0
India	20 219	14 170	20 637	30 460	34 309	34 300	28 900	33 760	36 880
Indonesia	1 780	2 050	1 770	2 535	2 172	2 227	2 123	2 348	2 403
Iran (Islamic Republic of)	801	1 346	1 124	1 657	1 525	1 250	1 567	1 307	1 300
Iraq	2	0	1	2	0	0	0	0	0
Ireland	238	217	0	10	10	0			

TABLE 23.
PRODUCTION OF RAW SUGAR (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2018	2019	2020	2021	2022
Israel	0	0	0	0	0				
Italy	1 687	1 287	476	313	275	300	270	230	113
Jamaica	203	127	117	129	77	59	44	40	39
Japan	784	904	646	805	734	777	772	786	694
Jordan									
Kazakhstan	21	42	13	18	75	62	51	39	37
Kenya	402	488	524	636	491	441	604	700	797
Kiribati									
Kuwait									
Kyrgyzstan	63	31	15	25	122	100	51	65	107
Lao People's Democratic Republic		1	8	125	170	152	145	152	150
Latvia	63	77							
Lebanon	34	8	0	0	0	0	1		
Lesotho									
Liberia	4	4	5	5	5	5	5	5	5
Libya									
Lithuania	138	136	113	104	147	160	153	150	143
Luxembourg									
Madagascar	70	27	74	87	90	83	81	90	85
Malawi	207	272	281	290	250	252	270	276	247
Malaysia	108	62	45	2	2	1	2	2	2
Maldives									
Mali	29	35	34	95	100	114	100	100	100
Malta									
Marshall Islands									
Mauritania									
Mauritius	569	520	452	366	323	331	271	256	233
Mexico	4 985	5 619	4 826	5 985	6 226	6 710	6 189	6 240	6 221
Micronesia (Federated States of)									
Mongolia									
Montenegro									
Morocco	523	517	482	660	642	591	526	388	321
Mozambique	39	265	325	349	346	314	305	271	287
Myanmar	93	38	21	23	26	27	172	247	80
Namibia									
Nauru									
Nepal	84	124	76	147	178	180	100	120	110
Netherlands (Kingdom of the)	1 153	1 093	949	859	1 300	1 248	1 265	1 257	1 371
New Zealand									
Nicaragua	391	427	489	694	776	758	767	764	769
Niger	21	22	22	31	25	30	42	62	62
Nigeria	36	35	38	16	30	21	18	34	20
North Macedonia	13	11	1	1	0	0	0	0	0
Norway									

TABLE 23.
PRODUCTION OF RAW SUGAR (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2018	2019	2020	2021	2022
Oman									
Pakistan	2 894	3 188	3 410	5 115	5 462	4 881	5 646	5 696	7 922
Palau									
Panama	156	164	154	176	176	162	155	137	158
Papua New Guinea	54	44	40	33	34	35	32	38	34
Paraguay	135	207	254	136	140	129	149	145	150
Peru	747	695	1 038	1 119	1 183	1 196	1 198	1 098	1 112
Philippines	1 676	2 238	1 717	2 239	2 115	2 037	2 126	2 200	1 995
Poland	2 188	2 010	1 593	1 592	2 555	2 295	2 471	2 465	2 465
Portugal	60	83	2	1	0	0	0	0	0
Qatar									
Republic of Korea									
Republic of Moldova	111	145	103	92	129	87	51	103	74
Romania	54	74	108	151	108	150	94	100	38
Russian Federation	1 667	2 718	2 782	5 743	6 273	7 310	5 794	5 931	6 018
Rwanda	4	7	10	5	11	10	9	9	12
Saint Kitts and Nevis	18	11							
Saint Lucia									
Saint Vincent and the Grenadines	2	2	2	2					
Samoa									
San Marino									
Sao Tome and Principe									
Saudi Arabia									
Senegal	90	90	102	133	160	160	150	145	147
Serbia			506	290	375	246	330	329	235
Seychelles									
Sierra Leone	7	6	8	6	8	8	6	6	8
Singapore									
Slovakia	140	264	153	190	209	215	195	185	180
Slovenia	50	63	0	0	0				
Solomon Islands									
Somalia	22	15	23	23	22	22	23	23	24
South Africa	2 729	2 507	2 188	1 684	2 258	2 295	2 106	1 906	2 042
South Sudan									
Spain	1 243	1 093	560	623	460	361	319	358	279
Sri Lanka	64	54	31	62	65	60	60	71	79
Sudan				591	586	542	501	445	450
Suriname	10	5	6	7	7	1	1	4	3
Sweden	448	439	342	211	345	362	361	365	338
Switzerland	238	247	241	261	219	237	188	163	177
Syrian Arab Republic	109	148	233	5	1	3	0		20
Tajikistan									
Thailand	5 833	5 425	6 929	10 998	15 435	14 045	8 294	7 620	13 382
Timor-Leste									

TABLE 23.
PRODUCTION OF RAW SUGAR (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2018	2019	2020	2021	2022
Togo									
Tonga									
Trinidad and Tobago	111	33	0						
Tunisia	3	0	0	12	15	15	15	15	15
Türkiye	2 755	2 250	2 473	2 046	2 468	2 494	2 797	2 812	2 598
Turkmenistan	30	30	30	35	20	11	12	12	12
Tuvalu									
Uganda	137	211	269	498	406	482	520	664	785
Ukraine	1 687	2 054	1 546	1 459	1 754	1 490	1 170	1 416	1 330
United Arab Emirates									
United Kingdom of Great Britain and Northern Ireland	1 440	1 458	1 082	978	1 148	1 189	906	1 038	818
United Republic of Tanzania	117	278	300	315	371	360	370	375	385
United States of America	7 955	6 712	7 194	7 711	8 505	7 374	7 683	8 366	8 403
Uruguay	8	8	9	25	25	25	25	20	25
Uzbekistan	11		0	0	0		0	0	0
Vanuatu									
Venezuela (Bolivarian Republic of)	673	740	429	650	437	419	397	200	219
Viet Nam	1 209	1 175	1 159	1 972	2 399	2 064	1 698	1 534	1 675
Yemen									
Zambia	189	232	402	399	448	436	398	397	430
Zimbabwe	585	430	335	412	453	483	427	391	397

Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025].

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TABLE 24.
PRODUCTION OF MEAT (THOUSAND TONNES)

COUNTRY	2023				TOTAL MEAT			
	MEAT, CHICKEN	MEAT, PIG	MEAT, CATTLE	OTHER	2000	2010	2015	2023
World	126 530	124 668	69 462	49 475	231 938	294 677	328 143	370 135
Africa	7 474	2 119	7 064	6 119	11 993	16 980	19 491	22 775
Americas	50 528	24 910	34 160	4 162	73 630	92 044	99 240	113 760
Asia	46 351	68 876	15 227	33 115	89 621	123 227	141 480	163 569
Europe	20 465	28 155	10 011	4 218	51 292	56 552	60 979	62 848
Oceania	1 713	608	3 000	1 861	5 402	5 875	6 953	7 182
Afghanistan	29		71	160	321	328	303	260
Albania	17	7	28	24	67	91	90	76
Algeria	421	0	138	460	579	657	872	1 019
Andorra								
Angola	60	179	106	33	149	217	287	379
Antigua and Barbuda	0	0	0	0	1	0	0	0
Argentina	2 287	762	3 287	163	4 101	4 722	5 485	6 500
Armenia	14	15	61	11	51	69	100	100
Australia	1 432	466	2 236	948	3 707	4 048	4 967	5 083
Austria	128	454	205	29	835	920	910	815
Azerbaijan	138	0	153	89	132	252	299	380
Bahamas	6	0	0	0	7	7	7	6
Bahrain	9		1	27	14	24	29	37
Bangladesh	227		203	336	449	582	655	766
Barbados	15	3	0	0	14	17	19	18
Belarus	480	375	375	5	598	971	1 148	1 236
Belgium	421	930	240	9	1 736	1 816	1 851	1 600
Belize	22	2	2	0	11	17	22	27
Benin	10	12	43	50	55	65	75	114
Bhutan	1	2	1	0	2	2	3	5
Bolivia (Plurinational State of)	550	128	327	63	385	703	837	1 067
Bosnia and Herzegovina	71	7	10	1	31	76	82	89
Botswana	1	1	69	35	53	83	91	107
Brazil	14 833	5 299	11 160	311	15 425	23 482	26 485	31 602
Brunei Darussalam	29	0	1	1	15	22	25	31
Bulgaria	91	80	16	34	484	221	210	221
Burkina Faso	153	185	132	61	401	648	645	531
Burundi	9	12	16	5	19	22	32	43
Cabo Verde	1	3	1	1	8	6	6	5
Cambodia	17	104	51	18	200	206	202	189
Cameroon	118	50	121	125	219	295	373	414
Canada	1 416	2 287	1 348	211	4 000	4 441	4 441	5 262
Central African Republic	6	19	105	60	116	158	174	190
Chad	7	2	554	412	269	478	634	975
Chile	691	583	188	90	946	1 327	1 483	1 552
China	15 477	58 867	6 789	18 090	62 058	80 899	88 609	99 222
Colombia	1 817	551	707	21	1 377	2 039	2 595	3 096

TABLE 24.
PRODUCTION OF MEAT (THOUSAND TONNES) (CONTINUED)

COUNTRY	2023				TOTAL MEAT			
	MEAT, CHICKEN	MEAT, PIG	MEAT, CATTLE	OTHER	2000	2010	2015	2023
Comoros	1		1	0	2	2	2	2
Congo	7	1	5	49	27	51	62	63
Costa Rica	149	67	87	0	186	260	264	303
Côte d'Ivoire	119	11	24	214	184	239	263	367
Croatia	60	111	41	7	127	216	206	219
Cuba	24	214	78	19	236	282	326	335
Cyprus	28	37	5	5	101	96	79	75
Czechia	159	206	72	5	785	603	505	442
Democratic People's Republic of Korea	12	112	21	179	256	324	345	324
Democratic Republic of the Congo	10	28	26	191	218	227	242	254
Denmark	159	1 289	119	1	1 985	1 993	1 872	1 568
Djibouti			7	5	11	11	11	12
Dominica	0	0	1	0	1	1	1	1
Dominican Republic	391	85	63	2	342	461	488	542
Ecuador	563	214	209	20	497	792	895	1 007
Egypt	2 077	1	453	463	1 384	1 908	2 221	2 994
El Salvador	165	4	18	0	122	146	153	187
Equatorial Guinea	0	0	0	0	1	1	1	1
Eritrea	1		25	17	32	40	39	42
Estonia	23	39	8	0	53	75	83	71
Eswatini	3	2	14	3	24	23	23	22
Ethiopia	64	2	432	402	476	749	758	901
Fiji	42	1	5	1	16	21	30	49
Finland	135	158	85	10	337	387	400	389
France	1 128	2 062	1 301	478	6 324	5 810	5 654	4 970
Gabon	4	4	1	33	33	36	39	41
Gambia	1	1	2	3	6	9	9	7
Georgia	24	26	23	6	108	56	67	79
Germany	1 086	4 210	1 005	477	6 218	8 185	8 334	6 777
Ghana	74	32	30	182	171	225	270	319
Greece	272	71	36	75	467	451	459	453
Grenada	1	1	0	0	1	2	2	2
Guatemala	469	43	212	5	228	328	520	729
Guinea	15	5	89	37	53	92	120	145
Guinea-Bissau	3	12	8	2	18	24	26	25
Guyana	63	1	2	1	15	28	34	66
Haiti	9	31	51	18	93	104	105	109
Honduras	241	8	66	1	141	206	252	316
Hungary	379	427	24	122	1 176	870	989	952
Iceland	9	6	5	13	24	30	33	33
India	5 019	375		7 439	3 754	6 955	9 441	12 833
Indonesia	4 444	154	504	188	1 445	2 366	3 050	5 290
Iran (Islamic Republic of)	2 067		250	297	1 555	2 423	2 862	2 614

TABLE 24.
PRODUCTION OF MEAT (THOUSAND TONNES) (CONTINUED)

COUNTRY	2023				TOTAL MEAT			
	MEAT, CHICKEN	MEAT, PIG	MEAT, CATTLE	OTHER	2000	2010	2015	2023
Iraq	232		35	65	153	166	175	333
Ireland	149	301	600	86	1 016	933	1 011	1 135
Israel	581	11	162	142	499	694	786	896
Italy	1 083	1 221	620	274	3 911	4 066	3 692	3 199
Jamaica	138	9	8	1	99	115	126	155
Japan	2 384	1 294	502	7	2 991	3 233	3 875	4 186
Jordan	254		33	29	139	218	232	316
Kazakhstan	336	55	399	336	575	835	922	1 126
Kenya	94	40	238	218	383	686	743	589
Kiribati	1	1			1	2	2	2
Kuwait	61		2	56	69	79	103	120
Kyrgyzstan	14	7	127	116	196	188	218	264
Lao People's Democratic Republic	41	103	44	30	73	130	158	219
Latvia	37	33	18	1	62	80	85	89
Lebanon	122	1	46	8	174	140	167	176
Lesotho	0	1	1	7	10	8	11	9
Liberia	15	10	1	10	20	31	34	36
Libya	131		6	47	141	183	175	184
Lithuania	83	67	46	1	189	197	242	197
Luxembourg	0	12	10	0	22	20	22	21
Madagascar	55	31	30	50	126	150	160	166
Malawi	102	368	68	61	63	112	310	600
Malaysia	1 565	147	36	75	893	1 547	1 911	1 823
Maldives				1	1	1	1	1
Mali	61	1	59	51	113	117	130	173
Malta	5	4	1	0	17	14	11	10
Marshall Islands								
Mauritania	5		32	95	81	100	117	132
Mauritius	59	1	2	1	26	51	50	63
Mexico	3 888	1 769	2 215	204	4 444	5 808	6 331	8 075
Micronesia (Federated States of)	0	1	0	0	1	1	1	1
Mongolia	0	1	151	369	288	203	374	521
Montenegro	2	4	3	1		9	9	10
Morocco	565	1	257	406	541	930	1 115	1 229
Mozambique	153	107	21	8	171	150	205	289
Myanmar	620	330	110	103	468	1 991	3 002	1 163
Namibia	12	7	41	25	97	77	75	85
Nauru	0	0			0	0	0	0
Nepal	201	33		197	189	249	303	430
Netherlands (Kingdom of the)	850	1 463	437	21	2 880	2 553	2 914	2 771
New Zealand	228	42	748	468	1 303	1 332	1 431	1 487
Nicaragua	163	15	152	2	108	234	257	332
Niger	20	2	69	104	116	159	175	196

TABLE 24.
PRODUCTION OF MEAT (THOUSAND TONNES) (CONTINUED)

COUNTRY	2023				TOTAL MEAT			
	MEAT, CHICKEN	MEAT, PIG	MEAT, CATTLE	OTHER	2000	2010	2015	2023
Nigeria	324	365	318	604	1 053	1 399	1 424	1 611
North Macedonia	2	12	4	4	25	23	21	22
Norway	108	131	91	40	270	341	341	370
Oman	7		15	68	32	63	76	91
Pakistan	2 160		1 159	2 055	1 701	2 982	3 724	5 374
Palau								
Panama	236	36	73	0	172	235	297	344
Papua New Guinea	7	83	3	442	346	443	493	535
Paraguay	76	68	462	7	312	418	548	613
Peru	1 781	200	199	81	801	1 386	1 749	2 261
Philippines	1 512	1 277	115	134	2 079	2 906	3 376	3 038
Poland	2 285	1 776	515	436	2 888	3 584	4 167	5 012
Portugal	323	356	98	70	760	839	842	848
Qatar	29		0	3	13	20	26	33
Republic of Korea	923	1 435	345	65	1 649	2 017	2 416	2 768
Republic of Moldova	46	22	2	2	88	111	131	72
Romania	501	330	78	59	984	1 007	1 084	967
Russian Federation	5 340	4 720	1 660	784	4 453	7 167	9 565	12 503
Rwanda	11	9	38	34	37	85	113	92
Saint Kitts and Nevis	0	0	0	0	1	0	0	0
Saint Lucia	1	1	0	0	2	3	3	3
Saint Vincent and the Grenadines	0	0	0	0	1	1	1	1
Samoa	0	1	1		5	5	5	3
San Marino								
Sao Tome and Principe	1	1	0	0	1	1	1	2
Saudi Arabia	1 150		42	256	643	761	752	1 448
Senegal	148	21	85	80	114	167	230	335
Serbia	127	295	75	33		474	463	530
Seychelles	1	1	0	0	2	1	1	2
Sierra Leone	20	2	11	18	17	39	44	50
Singapore	45	12	0	4	113	113	104	61
Slovakia		54	10	1	279	177	127	65
Slovenia	70	23	33	7	147	143	121	133
Solomon Islands	0	3	1		3	3	4	4
Somalia	4	0	53	130	172	189	194	187
South Africa	1 860	353	1 032	216	1 644	2 784	3 276	3 462
South Sudan	53		143	48			180	243
Spain	1 393	4 871	698	349	4 915	5 447	6 062	7 311
Sri Lanka	236	1	19	11	105	143	200	267
Sudan	91		371	522			938	983
Suriname	9	2	2	1	7	16	13	14
Sweden	167	245	140	10	543	539	550	561
Switzerland	108	219	144	11	413	472	479	483

TABLE 24.
PRODUCTION OF MEAT (THOUSAND TONNES) (CONTINUED)

COUNTRY	2023				TOTAL MEAT			
	MEAT, CHICKEN	MEAT, PIG	MEAT, CATTLE	OTHER	2000	2010	2015	2023
Syrian Arab Republic	106		42	211	345	420	342	359
Tajikistan	19	0	248	68	28	71	158	335
Thailand	1 845	915	137	92	2 044	2 396	2 809	2 988
Timor-Leste	1	11	1	19	23	32	35	31
Togo	33	15	5	22	37	50	49	75
Tonga	0	2	0	0	2	2	2	2
Trinidad and Tobago	50	2	1	0	42	70	52	53
Tunisia	151	0	50	174	242	286	347	375
Türkiye	2 329		1 671	767	1 163	2 362	3 154	4 767
Turkmenistan	24	0	187	155	150	294	316	366
Tuvalu	0	0		0	0	0	0	0
Uganda	92	135	233	68	265	421	481	528
Ukraine	1 266	638	257	77	1 726	2 103	2 381	2 238
United Arab Emirates	60		20	108	94	131	155	188
United Kingdom of Great Britain and Northern Ireland	1 851	926	901	429	3 511	3 534	3 833	4 107
United Republic of Tanzania	97	48	545	141	286	447	588	830
United States of America	19 902	12 391	12 286	2 882	37 565	41 924	43 292	47 461
Uruguay	74	13	599	29	592	641	660	715
Uzbekistan	170	3	1 085	254	504	870	1 166	1 512
Vanuatu	1	3	2	0	7	8	7	5
Venezuela (Bolivarian Republic of)	478	113	352	29	1 257	1 761	1 446	972
Viet Nam	1 550	3 549	269	308	1 495	2 982	3 930	5 676
Yemen	204		78	141	168	323	379	422
Zambia	51	26	209	60	137	266	284	346
Zimbabwe	98	16	743	76	721	789	767	933

Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/QCL>. Licence: CC-BY-4.0.

TABLE 25.
PRODUCTION OF BOVINE MILK (THOUSAND TONNES)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
World	555 638.8	623 085.7	695 991.7	787 416.1	857 730.8	886 623.3	906 627.6	917 246.7	933 243.5
Africa	22 260.3	31 043.5	35 569.1	37 359.0	40 423.0	42 318.3	43 262.6	43 921.5	43 451.3
Americas	142 459.2	152 947.6	171 568.0	186 720.8	193 256.9	197 901.3	199 472.5	199 487.5	200 078.6
Asia	159 999.5	206 604.5	255 819.1	312 403.4	367 654.7	386 985.0	405 385.4	417 109.4	431 739.0
Europe	207 771.5	207 658.4	206 978.6	219 482.6	225 745.7	228 427.3	227 533.6	227 205.1	228 241.2
Oceania	23 148.4	24 831.6	26 056.9	31 450.3	30 650.5	30 991.4	30 973.6	29 523.2	29 733.3
Afghanistan	1 320.0	1 458.0	1 401.0	1 855.1	1 836.2	1 858.7	1 880.7	1 920.6	1 950.9
Albania	807.0	930.0	957.9	993.0	975.0	924.3	885.2	849.7	788.3
Algeria	1 170.0	1 500.0	2 071.0	2 932.0	2 478.1	2 414.6	2 409.3	2 434.0	2 419.3
Andorra									
Angola	195.0	202.2	198.6	215.0	213.3	219.3	219.2	220.4	221.6
Antigua and Barbuda	5.7	6.1	2.9	2.9	2.4	2.5	2.4	2.3	2.3
Argentina	10 121.3	9 908.9	10 616.7	12 422.7	10 650.1	11 446.6	11 899.9	11 904.1	11 665.4
Armenia	440.3	557.3	557.3	663.8	615.9	605.4	647.0	607.0	557.0
Australia	10 847.0	10 127.0	9 023.0	9 489.0	8 845.0	9 099.0	9 067.0	8 450.0	8 467.0
Austria	3 233.2	3 113.7	3 257.7	3 537.8	3 781.3	3 815.5	3 830.1	3 942.5	3 678.8
Azerbaijan	1 013.8	1 226.0	1 507.0	1 889.8	2 114.4	2 156.9	2 187.8	2 229.1	2 249.7
Bahamas	0.6	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Bahrain	19.0	14.8	14.0	12.7	11.6	10.0	10.0	10.6	10.3
Bangladesh	1 841.4	2 055.1	2 192.3	6 447.3	9 176.9	9 879.0	11 086.1	12 093.5	13 012.9
Barbados	7.9	6.3	6.7	5.2	4.7	4.0	4.3	4.0	4.1
Belarus	4 477.5	5 650.1	6 594.5	7 030.2	7 378.5	7 751.8	7 811.0	7 871.0	7 811.3
Belgium	3 689.0	3 025.0	3 066.6	3 988.1	4 293.0	4 457.0	4 438.0	4 572.0	4 695.0
Belize	1.4	3.8	3.3	5.7	4.6	4.5	5.7	5.5	4.5
Benin	76.3	87.2	99.3	113.0	125.1	96.0	104.9	114.6	125.3
Bhutan	24.3	26.4	25.7	39.8	57.5	57.9	54.7	43.5	40.4
Bolivia (Plurinational State of)	319.2	368.7	427.9	573.1	554.1	558.8	560.1	569.1	576.6
Bosnia and Herzegovina	543.5	648.9	715.6	695.6	640.7	629.1	539.5	560.3	580.2
Botswana	40.5	35.9	41.3	32.0	21.8	22.1	23.2	27.0	27.0
Brazil	20 380.0	25 384.1	31 636.9	35 647.9	35 966.2	36 376.2	36 238.6	35 590.8	36 436.5
Brunei Darussalam	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
Bulgaria	1 419.9	1 293.9	1 132.3	1 037.5	835.5	897.7	852.4	786.0	743.7
Burkina Faso	74.2	117.6	129.9	200.0	220.0	216.3	220.7	225.2	229.8
Burundi	18.6	16.2	30.4	59.9	143.8	62.0	53.8	31.4	49.1
Cabo Verde	5.1	3.7	3.4	4.0	4.6	4.6	4.6	4.6	4.6
Cambodia	24.0	25.2	27.3	24.1	24.2	24.2	23.9	23.5	23.1
Cameroon	155.7	161.4	175.0	200.0	208.0	188.0	183.9	184.6	185.2
Canada	8 161.0	7 806.0	7 911.1	8 430.2	9 512.0	9 640.6	9 807.2	9 742.5	9 886.6
Central African Republic	63.3	66.5	75.0	78.4	81.2	80.4	81.1	82.2	83.1
Chad	129.5	142.7	171.3	200.8	233.7	241.6	246.8	258.3	267.1
Chile	1 990.0	2 300.0	2 530.0	2 089.7	2 209.0	2 343.6	2 336.5	2 284.9	2 224.3
China	11 282.3	30 637.3	33 775.1	35 067.7	35 378.6	37 879.3	40 383.9	42 987.5	45 713.5
Colombia	6 148.1	6 319.9	6 285.1	6 773.8	6 825.5	7 071.4	6 992.7	7 421.0	7 309.0
Comoros	12.6	12.4	13.2	13.3	13.0	13.0	13.0	13.0	13.1

TABLE 25.
PRODUCTION OF BOVINE MILK (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Congo	2.9	3.5	3.7	3.8	4.5	4.5	4.5	4.5	4.5
Costa Rica	721.9	779.5	951.7	1 101.7	1 204.8	1 201.4	1 202.4	1 202.9	1 145.3
Côte d'Ivoire	25.9	28.7	31.3	31.9	34.1	34.7	35.8	36.8	33.0
Croatia	606.8	790.8	769.0	694.4	599.0	596.0	558.0	522.0	468.0
Cuba	614.1	353.2	629.5	493.9	512.0	455.3	374.2	369.6	399.7
Cyprus	146.6	147.3	151.0	163.3	238.8	275.2	298.1	286.8	303.9
Czechia	2 781.2	2 812.7	2 683.0	3 025.9	3 155.8	3 267.7	3 309.9	3 339.2	3 475.3
Democratic People's Republic of Korea	90.0	82.2	93.2	83.1	84.2	84.6	84.5	83.7	84.0
Democratic Republic of the Congo	6.4	6.1	7.5	7.2	8.0	8.4	8.9	9.4	9.9
Denmark	4 719.8	4 584.0	4 909.4	5 356.3	5 615.0	5 666.0	5 644.0	5 664.0	5 687.0
Djibouti	8.1	8.8	8.8	8.9	9.0	9.0	9.0	9.0	9.1
Dominica	6.7	6.7	7.5	7.0	7.0	7.0	7.0	7.0	7.0
Dominican Republic	400.0	461.4	529.6	672.2	916.5	891.5	861.6	860.8	862.2
Ecuador	1 806.0	1 719.7	2 148.6	1 875.0	2 502.0	2 315.4	2 145.0	2 071.0	2 177.1
Egypt	3 675.3	5 102.3	5 648.6	5 123.4	5 193.0	5 546.0	6 131.0	6 678.0	6 118.3
El Salvador	398.4	461.0	471.5	492.7	368.3	410.4	419.6	421.0	417.0
Equatorial Guinea									
Eritrea	50.0	95.0	105.3	105.0	120.0	120.0	120.0	120.0	120.0
Estonia	628.9	670.0	675.3	782.7	820.8	848.3	838.7	848.1	894.2
Eswatini	37.5	38.7	39.9	39.7	36.4	37.4	37.7	36.2	35.8
Ethiopia	900.0	2 139.0	4 058.0	3 200.3	3 895.3	4 693.0	3 866.1	4 151.5	4 236.8
Fiji	56.0	57.0	13.8	12.6	10.8	12.4	11.4	12.8	12.7
Finland	2 450.1	2 433.2	2 336.3	2 435.8	2 374.4	2 406.5	2 314.9	2 258.6	2 239.0
France	23 165.5	23 128.9	23 301.2	25 068.2	25 062.0	25 234.8	24 760.6	24 606.4	23 882.0
Gabon	10.4	10.2	13.3	14.2	10.5	10.6	10.7	10.7	10.7
Gambia	60.3	68.2	70.3	78.9	52.5	49.3	49.1	48.9	48.6
Georgia	622.6	759.1	598.4	573.2	568.6	575.5	594.6	571.0	591.9
Germany	28 331.2	28 453.0	29 616.3	32 684.6	33 080.2	33 165.9	32 506.9	32 399.1	34 012.6
Ghana	36.8	38.8	37.9	42.7	45.6	48.1	49.1	50.2	50.8
Greece	748.3	790.9	799.8	692.2	659.4	683.6	710.9	691.3	669.6
Grenada	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Guatemala	267.4	411.5	463.1	518.7	547.3	558.7	586.9	549.0	526.4
Guinea	71.6	101.0	139.4	160.2	198.3	209.2	220.7	232.8	185.5
Guinea-Bissau	13.5	14.4	17.3	17.0	17.8	18.0	17.8	17.9	18.1
Guyana	30.1	27.3	28.0	55.3	55.0	55.0	55.0	55.0	55.0
Haiti	41.3	44.8	45.5	46.2	41.2	47.5	47.5	47.6	47.8
Honduras	571.1	663.1	714.2	671.9	683.4	690.5	694.3	698.1	701.9
Hungary	2 142.9	1 928.7	1 684.9	1 941.3	1 962.8	2 014.3	2 080.2	2 040.3	2 027.6
Iceland	104.0	109.4	123.2	146.0	156.4	155.5	153.3	152.4	156.0
India	76 395.0	91 829.0	117 253.0	150 104.4	192 589.5	203 698.0	215 466.0	222 977.4	231 493.4
Indonesia	647.2	673.0	1 040.9	933.9	1 033.3	1 036.9	1 035.8	1 060.0	919.7
Iran (Islamic Republic of)	4 976.2	6 474.8	7 028.8	5 832.5	6 928.0	7 637.0	8 078.1	7 613.2	7 782.3
Iraq	446.0	259.4	205.5	236.3	254.7	260.8	267.5	272.9	280.5

TABLE 25.
PRODUCTION OF BOVINE MILK (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Ireland	5 159.8	5 061.3	5 327.0	6 585.1	8 244.9	8 561.5	9 040.0	9 108.3	8 730.7
Israel	1 185.2	1 214.0	1 330.8	1 431.5	1 588.3	1 610.0	1 630.2	1 647.2	1 646.4
Italy	12 444.5	11 228.2	10 677.5	11 354.5	12 743.9	12 966.3	13 459.9	13 436.3	13 313.3
Jamaica	26.2	14.6	12.5	11.9	11.9	12.2	11.8	12.4	10.4
Japan	8 497.0	8 285.2	7 720.5	7 379.2	7 313.5	7 438.2	7 592.1	7 617.5	7 297.6
Jordan	129.0	196.7	215.0	270.4	346.9	299.8	309.1	408.1	339.0
Kazakhstan	3 692.7	4 714.6	5 347.6	5 141.6	3 046.4	3 143.2	3 245.0	3 308.4	3 420.4
Kenya	2 224.0	3 752.2	3 638.6	3 444.2	4 102.8	4 169.6	4 780.1	4 742.4	4 705.7
Kiribati									
Kuwait	30.8	40.3	55.2	57.1	70.1	67.4	68.0	68.5	67.9
Kyrgyzstan	1 078.7	1 151.4	1 321.8	1 450.7	1 627.8	1 668.0	1 699.0	1 734.1	1 777.6
Lao People's Democratic Republic	6.0	6.4	7.0	7.3	8.3	8.4	8.6	8.9	9.1
Latvia	823.0	806.8	830.9	975.4	978.9	988.2	990.3	973.8	962.2
Lebanon	158.4	189.8	219.9	326.3	300.0	322.1	337.4	336.5	332.0
Lesotho	174.4	181.5	163.6	180.0	180.0	173.3	174.4	150.6	174.6
Liberia	7.8	7.9	8.7	9.2	8.2	8.5	8.4	8.5	8.6
Libya	92.7	105.1	141.0	136.4	152.5	146.1	135.7	145.0	142.5
Lithuania	1 713.0	1 853.6	1 732.5	1 734.7	1 547.4	1 488.0	1 473.3	1 517.6	1 470.3
Luxembourg	264.5	269.7	295.3	346.3	421.3	447.3	443.3	449.1	469.3
Madagascar	535.0	510.0	555.0	543.3	482.9	452.9	414.4	383.8	435.8
Malawi	35.0	42.5	46.7	52.1	62.8	64.5	66.5	67.4	69.5
Malaysia	37.7	50.4	76.2	84.3	48.1	47.4	44.5	44.9	46.2
Maldives									
Mali	172.8	310.1	298.2	293.4	276.6	284.9	293.5	302.3	311.4
Malta	48.0	41.5	42.1	41.6	41.3	42.1	39.5	39.0	37.3
Marshall Islands									
Mauritania	115.5	124.3	126.0	135.0	146.6	148.7	149.6	151.0	149.9
Mauritius	4.7	4.0	3.6	4.5	2.5	2.5	2.6	2.2	2.8
Mexico	9 311.4	9 868.3	10 997.0	11 736.5	12 644.1	12 940.6	13 239.8	13 500.6	13 735.4
Micronesia (Federated States of)									
Mongolia	375.6	259.5	271.8	597.6	597.0	608.2	585.8	710.7	630.5
Montenegro			135.8	175.8	170.7	170.5	159.5	158.0	157.3
Morocco	1 184.5	1 400.0	1 957.0	2 523.5	2 626.5	2 626.5	2 575.0	2 060.0	1 957.0
Mozambique	0.9	1.4	2.1	2.3	2.8	2.9	3.3	2.5	2.6
Myanmar	727.4	967.0	1 577.7	2 338.5	900.0	900.0	900.0	900.0	900.0
Namibia	88.5	117.5	115.0	106.9	108.0	100.4	102.4	116.2	128.3
Nauru									
Nepal	1 097.0	1 274.2	1 495.9	1 724.8	2 168.4	2 301.0	2 479.9	2 566.6	2 613.8
Netherlands (Kingdom of the)	11 155.0	10 847.0	11 626.1	13 330.9	14 557.8	14 525.0	14 220.0	14 538.7	14 689.8
New Zealand	12 235.4	14 637.9	17 010.5	21 938.8	21 786.2	21 871.3	21 886.4	21 051.0	21 245.0
Nicaragua	560.0	614.1	753.3	1 041.0	1 317.8	1 399.7	1 430.0	1 436.7	1 372.9
Niger	271.4	363.1	486.0	614.9	776.3	822.8	777.1	792.1	797.4
Nigeria	389.0	438.5	444.7	513.1	517.1	520.7	524.2	527.0	527.5
North Macedonia	226.9	203.4	368.6	371.9	402.6	417.4	336.3	334.0	245.5

TABLE 25.
PRODUCTION OF BOVINE MILK (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Norway	1 616.4	1 565.7	1 558.5	1 586.6	1 529.8	1 547.0	1 572.5	1 494.0	1 426.8
Oman	28.5	46.0	69.6	92.3	100.0	215.3	219.6	224.0	236.5
Pakistan	24 949.0	28 732.0	42 001.0	50 207.0	54 977.0	56 775.8	58 634.0	60 554.0	62 537.6
Palau									
Panama	170.6	181.1	198.0	211.2	188.8	213.8	181.5	172.2	168.4
Papua New Guinea	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Paraguay	329.8	372.4	490.4	515.0	480.1	541.0	536.8	558.7	479.4
Peru	903.2	1 236.8	1 678.4	1 903.2	2 121.4	2 138.0	2 184.9	2 246.9	2 201.1
Philippines	10.5	12.7	16.3	21.0	25.1	27.5	27.1	31.2	30.0
Poland	11 889.3	11 922.8	12 278.7	13 236.2	14 502.8	14 821.8	14 881.1	15 208.5	15 482.2
Portugal	2 060.2	2 061.2	1 918.3	2 049.8	1 975.5	1 993.6	1 995.6	1 928.9	1 959.9
Qatar	11.2	4.5	7.0	7.5	7.5	7.5	7.5	7.5	7.5
Republic of Korea	2 252.8	2 228.8	2 073.0	2 168.2	2 049.4	2 088.8	2 034.4	1 975.4	1 929.9
Republic of Moldova	536.3	595.7	554.1	439.4	296.0	290.5	264.9	240.9	231.9
Romania	4 301.3	5 007.8	3 964.9	4 006.0	3 677.7	3 695.7	3 652.2	3 635.9	3 638.1
Russian Federation	31 959.2	30 892.6	31 585.2	30 521.7	31 100.6	31 959.8	32 078.6	32 738.5	33 559.2
Rwanda	107.9	120.0	172.3	174.4	178.7	197.8	187.8	180.9	182.6
Saint Kitts and Nevis									
Saint Lucia	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Saint Vincent and the Grenadines	1.4	1.1	1.3	1.0	0.8	0.8	0.8	0.8	0.7
Samoa	1.5	1.4	1.5	2.0	1.5	1.5	1.6	1.6	1.6
San Marino									
Sao Tome and Principe	1.1	1.2	0.5	0.5	0.5	0.5	0.5	0.5	0.6
Saudi Arabia	710.0	1 008.0	1 603.9	2 117.0	2 393.8	2 593.8	2 600.0	2 529.2	2 574.3
Senegal	100.6	100.2	155.8	210.0	225.0	220.7	222.2	222.6	221.8
Serbia			1 529.6	1 546.2	1 553.8	1 539.4	1 517.7	1 468.0	1 383.8
Seychelles	0.3	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.1
Sierra Leone	55.2	73.3	148.5	155.4	137.0	144.0	163.5	148.5	152.3
Singapore									
Slovakia	1 067.0	1 100.0	918.0	948.7	904.3	917.7	902.6	915.1	913.6
Slovenia	648.6	659.0	625.5	630.6	623.0	630.7	639.9	625.4	605.3
Solomon Islands	2.8	2.8	3.0	3.1	3.0	3.0	3.1	3.1	3.1
Somalia	430.0	449.8	460.0	459.5	455.2	456.4	446.7	439.5	438.2
South Africa	2 306.0	3 044.0	3 123.0	3 538.4	3 873.0	3 853.0	3 825.0	3 764.0	3 810.0
South Sudan				2 616.0	2 416.5	2 452.7	3 057.3	2 794.3	2 877.4
Spain	6 106.6	6 370.2	6 357.1	6 825.0	7 460.4	7 606.1	7 623.1	7 455.0	7 564.5
Sri Lanka	153.3	162.8	209.1	385.7	461.0	506.3	528.7	521.6	519.3
Sudan				2 858.0	2 988.0	3 011.2	2 930.9	2 864.9	2 911.6
Suriname	8.0	7.7	6.5	5.0	3.0	3.0	2.5	2.8	2.8
Sweden	3 348.0	3 208.0	2 902.1	2 933.0	2 704.4	2 772.7	2 782.2	2 764.8	2 818.5
Switzerland	3 827.8	3 871.2	4 079.4	4 042.5	3 792.2	3 780.5	3 811.5	3 711.4	3 738.0
Syrian Arab Republic	1 157.3	1 510.5	1 459.0	1 389.4	1 087.3	1 316.7	1 242.6	1 209.2	1 194.2
Tajikistan	285.5	488.0	602.0	889.0	1 000.6	1 020.9	1 042.6	1 064.2	1 118.5
Thailand	520.1	888.2	911.0	1 159.0	1 292.0	1 317.0	1 296.0	1 222.0	1 278.3

TABLE 25.
PRODUCTION OF BOVINE MILK (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Timor-Leste									
Togo	11.0	12.0	7.1	11.2	11.6	11.8	11.9	12.1	12.8
Tonga	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3
Trinidad and Tobago	10.5	7.8	4.3	3.7	2.9	2.2	1.7	1.4	1.4
Tunisia	870.0	900.0	1 030.0	1 353.0	1 348.0	1 379.0	1 405.0	1 377.3	1 387.1
Türkiye	8 799.4	10 064.3	12 454.0	16 996.3	20 861.7	21 813.1	21 433.8	19 955.7	20 004.9
Turkmenistan	989.0	1 869.0	2 093.0	2 106.0	2 399.4	2 440.6	2 460.1	2 478.3	2 589.1
Tuvalu									
Uganda	686.0	1 317.8	1 418.0	1 616.0	2 781.0	2 781.0	2 894.3	3 296.0	2 990.4
Ukraine	12 436.0	13 423.8	10 977.2	10 359.4	9 447.8	9 057.9	8 516.5	7 595.6	7 267.1
United Arab Emirates	9.8	16.3	31.7	40.8	50.9	55.9	58.0	54.9	56.3
United Kingdom of Great Britain and Northern Ireland	14 488.0	14 473.0	14 071.0	15 324.0	15 671.5	15 685.9	15 890.6	15 757.4	15 759.5
United Republic of Tanzania	710.0	1 386.4	1 699.4	2 120.5	2 346.8	3 092.6	3 101.4	3 426.2	3 600.0
United States of America	75 928.2	80 254.6	87 487.6	94 619.0	99 083.3	101 291.4	102 620.0	102 700.7	102 677.1
Uruguay	1 421.7	1 667.6	1 820.7	2 247.5	2 233.0	2 271.2	2 342.2	2 286.7	2 177.4
Uzbekistan	3 487.2	4 447.2	6 133.8	8 994.8	10 662.3	10 930.1	11 242.7	11 599.1	11 944.0
Vanuatu	3.0	3.1	3.2	3.0	2.3	2.3	2.3	3.1	2.3
Venezuela (Bolivarian Republic of)	1 414.6	1 347.7	2 436.0	2 291.6	2 366.5	2 762.1	2 444.2	2 524.2	2 576.8
Viet Nam	83.4	235.3	347.5	773.1	1 043.0	1 107.7	1 129.4	1 184.7	1 246.5
Yemen	179.8	216.6	203.9	225.7	234.5	246.2	258.5	245.9	246.9
Zambia	346.8	388.8	410.0	382.5	447.2	437.9	462.0	513.0	504.3
Zimbabwe	478.8	386.3	395.6	423.4	401.0	409.3	426.0	429.5	442.4

Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/QCL>. Licence: CC-BY-4.0

TABLE 26.
PRODUCTION OF HEN EGGS (THOUSAND TONNES)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
World	51 362.6	56 935.5	64 489.4	72 491.3	84 068.6	87 142.7	87 562.5	89 115.8	91 128.7
Africa	1 980.7	2 333.7	2 765.1	3 333.5	3 799.4	4 019.7	3 962.6	4 025.9	3 915.1
Americas	10 703.1	11 935.0	13 391.3	14 976.5	17 254.3	17 637.8	17 765.7	17 803.7	18 045.5
Asia	29 045.5	32 593.8	37 637.1	43 083.4	51 662.3	54 155.5	54 525.9	56 075.7	57 947.7
Europe	9 434.0	9 868.4	10 450.3	10 790.0	11 008.6	10 996.5	10 948.8	10 900.9	10 881.1
Oceania	199.3	204.8	245.5	307.9	343.9	333.2	359.4	309.7	339.4
Afghanistan	15.0	21.8	16.3	19.8	20.8	21.1	21.4	21.5	21.7
Albania	21.0	27.3	31.3	52.3	54.5	54.2	56.6	48.9	42.6
Algeria	101.0	175.0	260.5	385.4	322.1	308.5	305.2	311.9	308.5
Andorra									
Angola	8.0	8.1	14.4	22.1	58.1	76.4	94.6	142.8	146.4
Antigua and Barbuda	0.2	0.3	0.3	0.3	0.5	0.6	0.6	1.1	0.6
Argentina	326.9	388.8	554.0	765.0	830.0	873.0	885.0	963.0	977.0
Armenia	21.4	28.8	38.2	36.3	36.0	41.5	39.1	41.2	40.3
Australia	143.0	138.6	174.0	229.3	255.5	241.3	269.1	226.0	245.5
Austria	86.1	89.3	94.6	111.3	129.4	134.3	138.7	143.0	140.7
Azerbaijan	32.6	52.5	70.7	93.2	109.6	114.4	110.3	121.1	131.3
Bahamas	0.8	1.0	0.8	0.9	0.9	0.9	0.9	0.9	0.9
Bahrain	2.7	2.0	2.8	3.0	4.4	4.1	3.9	4.3	4.6
Bangladesh	125.0	185.0	188.0	354.0	381.6	559.0	559.0	499.9	539.3
Barbados	1.3	1.4	2.2	2.4	3.7	3.5	2.6	3.1	3.1
Belarus	182.3	172.4	196.0	211.4	201.6	195.5	197.4	193.9	192.6
Belgium	194.2	179.8	168.9	148.0					
Belize	1.7	1.5	2.5	2.5	3.0	2.9	2.9	3.1	3.1
Benin	4.5	10.6	9.9	14.7	15.8	13.8	15.3	15.3	17.6
Bhutan	0.4	0.2	1.1	2.8	5.8	7.1	5.5	4.1	3.5
Bolivia (Plurinational State of)	38.9	56.1	69.8	87.7	113.8	114.0	115.2	108.6	112.9
Bosnia and Herzegovina	18.2	17.6	20.8	21.7	24.1	24.8	19.5	21.6	25.9
Botswana	3.2	4.2	4.5	3.2	3.7	3.4	3.6	3.6	3.5
Brazil	1 720.8	1 909.4	2 220.8	2 577.5	3 150.1	3 260.6	3 298.1	3 318.8	3 416.6
Brunei Darussalam	4.8	5.7	7.0	7.4	9.1	9.8	9.8	9.9	9.8
Bulgaria	82.1	97.0	89.3	76.6					
Burkina Faso	39.3	45.0	55.0	61.0	69.0	68.0	68.0	68.3	68.1
Burundi	3.0	3.1	3.0	2.2	2.2	2.4	2.2	2.3	2.3
Cabo Verde	1.9	1.8	2.2	2.2	2.4	2.6	2.1	2.6	2.5
Cambodia	11.7	13.3	17.6	19.0	18.7	19.0	18.8	18.8	18.9
Cameroon	27.8	37.9	45.0	49.3	81.0	93.9	90.0	88.3	90.7
Canada	372.4	399.3	451.5	497.3	591.9	604.3	610.5	623.8	636.4
Central African Republic	2.1	2.2	3.1	2.5	2.4	2.6	2.4	2.5	2.5
Chad	6.6	6.8	7.2	4.1	4.1	4.1	4.1	4.1	4.1
Chile	109.8	126.4	190.8	225.7	220.0	228.0	229.0	227.5	225.6
China	18 911.9	21 040.6	23 820.1	26 271.6	28 853.6	30 249.3	29 748.2	30 152.9	30 992.0
Colombia	386.4	492.0	585.0	728.6	863.0	982.9	1 021.7	975.0	1 011.8
Comoros	1.0	1.1	1.1	1.0	1.0	1.1	1.1	1.1	1.1

TABLE 26.
PRODUCTION OF HEN EGGS (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Congo	1.1	1.3	1.6	1.5	1.5	1.5	1.5	1.5	1.5
Costa Rica	41.0	48.2	53.5	61.1	68.5	75.4	82.1	81.5	79.8
Côte d'Ivoire	33.0	28.7	28.8	57.2	66.0	75.1	65.3	76.3	68.9
Croatia	46.5	49.4	42.3	33.3					
Cuba	75.8	90.9	106.9	102.1	111.3	103.7	95.0	103.8	99.2
Cyprus	10.6	9.5	8.6	9.2	10.5				
Czechia	188.0	89.5	71.1	71.6	88.4				
Democratic People's Republic of Korea	110.0	130.0	114.0	127.0	121.6	127.3	128.2	125.7	127.1
Democratic Republic of the Congo	7.0	6.9	8.9	9.2	8.8	8.9	8.9	7.8	7.8
Denmark	74.3	79.8	76.4	84.1	82.0	89.0	93.0	88.0	84.0
Djibouti									
Dominica	0.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Dominican Republic	58.7	80.2	105.7	126.7	180.4	199.8	204.4	239.1	254.0
Ecuador	72.2	75.0	110.0	164.8	168.0	168.0	168.0	171.3	169.1
Egypt	176.7	235.0	291.2	355.7	540.2	602.2	654.4	612.6	563.4
El Salvador	61.3	67.4	64.7	72.0	67.0	61.3	59.9	61.4	60.9
Equatorial Guinea	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2
Eritrea	1.7	2.0	2.2	2.6	2.3	2.3	2.2	2.2	2.2
Estonia	15.8	13.1	11.4	12.4	9.4	10.0	10.5	10.5	11.2
Eswatini	1.1	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3
Ethiopia	28.6	35.0	39.0	54.4	53.2	49.7	51.4	51.4	48.9
Fiji	3.2	3.8	5.7	6.7	11.3	8.2	8.9	7.7	18.3
Finland	58.5	58.2	61.5	71.5	75.6	75.8	77.5	76.3	75.2
France	987.9	930.1	946.5	970.0					
Gabon	2.6	2.6	2.4	2.5	2.5	2.5	2.5	2.6	2.6
Gambia	0.7	0.8	0.8	1.0	0.9	0.9	0.9	0.9	0.9
Georgia	20.1	28.0	24.6	39.4	43.3	44.2	42.9	42.9	42.8
Germany	901.0	795.0	662.4	801.1	938.1	966.7	981.2	987.0	976.5
Ghana	22.8	25.7	36.7	46.6	53.2	50.5	50.5	50.4	50.5
Greece	116.6	110.1	99.8	105.9					
Grenada	1.0	1.1	1.4	1.5	2.8	3.0	3.0	3.0	3.0
Guatemala	81.0	191.6	219.7	259.6	211.4	268.2	267.8	256.4	250.0
Guinea	13.3	19.9	25.1	19.8	32.0	28.4	30.8	30.4	29.9
Guinea-Bissau	1.0	1.1	1.3	1.4	1.3	1.3	1.3	1.3	1.3
Guyana	1.5	1.2	0.7	1.3	2.3	3.1	2.9	1.8	2.2
Haiti	4.1	4.4	4.4	4.5	4.6	4.6	4.6	4.6	4.6
Honduras	41.2	40.9	44.2	51.5	51.6	51.6	51.6	51.6	51.6
Hungary	176.4	164.6	151.8	141.9					
Iceland	2.6	2.8	2.7	3.8	5.1	4.3	4.2	4.0	4.1
India	2 035.0	2 568.0	3 378.1	4 316.6	6 291.1	6 712.7	7 128.0	7 611.5	7 853.2
Indonesia	642.0	856.6	1 121.1	1 372.8	4 753.4	5 141.6	5 524.7	5 941.6	6 506.4
Iran (Islamic Republic of)	580.0	759.0	767.0	777.1	869.4	755.6	782.9	802.6	780.4
Iraq	29.6	51.7	46.3	28.3	55.6	55.9	49.1	53.5	52.8
Ireland	32.4	37.5	45.0	49.5					

TABLE 26.
PRODUCTION OF HEN EGGS (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Israel	87.9	92.4	102.5	122.3	148.2	148.6	166.0	171.4	179.1
Italy	686.1	722.2	716.8	706.8	717.4		765.0	790.0	798.0
Jamaica	5.8	5.1	6.0	8.1	9.0	11.2	11.9	12.5	13.8
Japan	2 535.4	2 481.0	2 515.3	2 520.9	2 639.7	2 632.9	2 574.3	2 596.7	2 437.8
Jordan	45.8	40.6	69.3	53.2	78.9	73.7	71.5	82.7	69.9
Kazakhstan	93.8	139.4	207.3	264.3	247.1	226.2	215.8	225.3	220.3
Kenya	60.7	57.9	92.6	77.4	98.5	110.4	89.6	73.0	91.0
Kiribati	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2
Kuwait	21.3	26.0	40.0	72.0	72.9	80.2	77.6	76.9	78.3
Kyrgyzstan	11.4	17.7	20.8	24.2	30.9	30.9	31.0	33.4	37.7
Lao People's Democratic Republic	10.0	13.0	15.0	16.1	16.6	17.3	17.6	17.2	17.3
Latvia	24.4	33.4	45.0	43.5					
Lebanon	43.2	45.5	42.5	51.0	60.2	42.2	41.6	48.0	53.5
Lesotho	1.5	1.6	1.7	1.1	1.4	1.4	1.4	1.4	1.4
Liberia	4.2	4.6	5.2	6.6	6.1	6.1	6.2	6.3	6.3
Libya	60.0	73.1	72.7	68.2	81.5	72.0	71.9	72.3	74.4
Lithuania	41.5	50.9	46.4	45.6	48.2				
Luxembourg	0.9	1.4	1.7	2.0	2.2	2.2	2.3	2.5	
Madagascar	14.9	15.1	16.3	17.4	17.6	17.7	17.6	17.6	17.6
Malawi	19.5	20.2	20.7	22.4	23.4	23.6	23.4	23.7	24.0
Malaysia	390.6	442.0	586.6	779.2	654.5	774.2	817.7	843.5	980.3
Maldives									
Mali	20.6	20.4	23.9	25.9	22.4	18.7	19.3	26.1	27.0
Malta	5.4	5.9	5.1	4.9	5.5				
Marshall Islands									
Mauritania	4.9	5.1	5.4	5.4	5.5	5.6	5.6	5.6	5.6
Mauritius	12.5	13.0	10.2	12.0	13.5	12.0	12.2	16.3	14.5
Mexico	1 787.9	2 024.7	2 381.4	2 652.5	2 949.8	3 016.0	3 046.9	3 101.9	3 171.8
Micronesia (Federated States of)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Mongolia	0.4	1.2	3.0	5.6	8.9	8.5	10.4	11.7	13.3
Montenegro			3.2	5.1	5.3	5.7	5.7	8.0	8.0
Morocco	235.0	232.0	244.0	324.5	414.0	415.0	415.0	390.2	371.6
Mozambique	1.7	4.3	7.6	7.2	10.1	11.6	13.7	14.6	15.8
Myanmar	112.0	186.6	342.1	509.6	94.6	111.6	111.4	111.4	111.4
Namibia	1.6	3.0	3.4	2.5	2.6	2.7	2.7	2.7	2.7
Nauru	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nepal	22.2	28.8	31.5	43.3	76.7	80.2	73.8	65.3	77.4
Netherlands (Kingdom of the)	668.0	607.0	670.0	660.6					
New Zealand	43.0	50.9	53.1	57.5	62.8	68.2	68.0	62.6	62.4
Nicaragua	19.7	20.4	24.5	33.4	35.7	37.4	35.6	38.1	38.7
Niger	7.8	8.3	7.5	9.7	10.4	10.5	10.6	10.6	10.6
Nigeria	400.0	500.4	609.1	660.0	640.0	706.0	640.0	662.0	669.3
North Macedonia	25.5	19.0	18.8	10.0	6.9	9.0	6.4	7.3	9.1
Norway	47.8	50.7	59.6	67.4	73.5	73.1	73.5	74.0	73.3

TABLE 26.
PRODUCTION OF HEN EGGS (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Oman	6.8	9.5	9.3	18.8	25.1	26.2	28.7	31.4	32.3
Pakistan	344.1	400.9	556.4	721.3	895.4	946.3	1 000.3	1 058.1	1 119.5
Palau									
Panama	12.4	28.1	24.6	35.7	40.4	42.8	42.5	32.7	33.6
Papua New Guinea	4.5	4.8	5.0	5.2	5.5	5.5	5.2	5.2	5.2
Paraguay	67.6	107.0	128.0	103.3	115.8	112.8	110.6	120.4	119.3
Peru	162.3	182.3	285.1	386.3	488.5	497.5	504.1	511.0	503.1
Philippines	243.4	320.3	387.3	444.6	583.2	605.8	661.4	708.5	731.4
Poland	423.7	536.0	618.5	582.3					
Portugal	117.4	118.1	131.1	144.8	141.6	146.2	141.9	149.7	152.4
Qatar	2.7	4.1	4.5	4.5	7.9	9.1	9.4	12.5	14.1
Republic of Korea	478.8	514.9	590.0	724.1	732.5	731.9	732.9	750.2	782.8
Republic of Moldova	32.0	42.5	40.2	35.2	37.8	34.5	31.8	33.7	33.4
Romania	262.9	355.4	297.5	319.2	278.2				
Russian Federation	1 894.6	2 049.9	2 260.6	2 357.2	2 491.5	2 492.2	2 496.4	2 560.1	2 590.9
Rwanda	2.2	2.7	5.2	7.3	7.8	7.7	7.8	7.8	7.7
Saint Kitts and Nevis	0.2	0.2	0.2	0.3	0.1	0.2	0.3	0.3	0.3
Saint Lucia	0.5	1.1	0.7	0.8	1.0	0.9	1.1	1.1	1.0
Saint Vincent and the Grenadines	0.5	0.8	0.6	0.6	0.6	0.6	0.5	0.5	0.5
Samoa	0.3	0.3	0.4	0.3	0.4	0.4	0.4	0.4	0.4
San Marino									
Sao Tome and Principe	0.4	0.5	0.6	0.4	0.2	0.2	0.2	0.2	0.2
Saudi Arabia	128.5	169.5	219.3	275.0	382.0	350.0	359.2	375.0	361.4
Senegal	10.4	20.2	23.6	28.2	41.5	59.6	64.2	68.9	64.2
Serbia			69.5	103.0	88.7	85.3	85.5	81.6	75.9
Seychelles	2.2	1.2	1.1	1.4	1.7	1.7	1.7	1.8	1.9
Sierra Leone	5.2	4.3	11.3	11.4	11.6	11.6	11.6	11.6	11.6
Singapore	16.0	20.6	20.4	25.3	31.7	37.0	38.6	36.5	41.1
Slovakia	60.8	62.9	70.6	66.9	71.5				
Slovenia	22.7	14.3	21.6	20.4	24.8				
Solomon Islands	0.5	0.5	0.7	0.6	0.6	0.6	0.6	0.6	0.6
Somalia	2.5	2.7	2.5	2.5	2.7	2.7	2.7	2.7	2.7
South Africa	329.0	375.0	413.0	523.1	565.0	594.0	549.0	562.0	480.0
South Sudan									
Spain	657.6	708.4	812.5	805.1	831.7	873.0	853.4	861.3	880.2
Sri Lanka	52.3	49.0	64.7	110.0	116.7	104.7	109.4	103.5	89.8
Sudan				55.0	70.0	75.4	70.1	71.8	72.5
Suriname	3.0	2.7	2.3	3.6	4.6	3.8	5.0	4.5	4.4
Sweden	102.0	102.0	111.0	130.0	149.8	149.1	128.1	134.6	114.7
Switzerland	39.8	41.1	47.0	55.2	62.3	66.3	71.3	70.6	67.8
Syrian Arab Republic	127.3	155.2	163.3	112.0	122.9	121.5	104.9	89.5	97.4
Tajikistan	1.5	5.5	13.1	20.0	30.0	42.0	54.1	57.9	66.7
Thailand	514.6	468.7	612.5	690.0	693.0	696.0	702.4	712.2	722.7
Timor-Leste	1.1	0.9	1.1	1.1	1.5	1.5	1.5	1.5	1.1

TABLE 26.
PRODUCTION OF HEN EGGS (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Togo	6.3	8.0	9.3	12.8	24.3	21.0	23.2	30.8	25.0
Tonga	0.3	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1
Trinidad and Tobago	3.4	3.8	5.3	3.2	5.3	5.2	4.5	4.9	5.1
Tunisia	82.0	84.0	92.0	124.8	102.0	103.8	97.8	97.6	99.7
Türkiye	844.3	753.3	740.0	1 045.5	1 243.6	1 236.8	1 206.1	1 238.0	1 289.9
Turkmenistan	21.0	45.1	49.5	61.6	80.5	90.1	84.1	84.3	87.3
Tuvalu	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Uganda	20.4	22.0	43.4	28.3	45.0	44.7	44.9	44.9	44.8
Ukraine	496.6	748.1	973.9	959.5	953.5	924.3	804.5	681.6	650.6
United Arab Emirates	14.6	17.2	28.0	47.8	61.7	53.7	60.0	58.5	57.4
United Kingdom of Great Britain and Northern Ireland	568.6	609.0	658.0	699.0	791.0	774.0	759.1	705.4	733.4
United Republic of Tanzania	85.9	93.7	83.4	101.8	160.9	182.3	203.0	224.1	247.5
United States of America	5 017.0	5 350.0	5 437.0	5 756.6	6 706.8	6 658.8	6 639.4	6 528.4	6 529.0
Uruguay	37.0	41.6	52.5	44.5	56.2	58.0	56.2	58.0	56.4
Uzbekistan	68.3	109.0	169.6	308.8	432.5	433.6	434.0	453.0	472.8
Vanuatu	0.4	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Venezuela (Bolivarian Republic of)	174.6	173.6	241.6	199.7	184.2	170.8	189.1	177.6	194.0
Viet Nam	185.4	197.4	321.1	443.7	410.0	473.7	448.1	463.1	471.6
Yemen	31.1	48.4	60.6	66.7	70.4	73.9	77.6	74.0	75.1
Zambia	39.2	42.3	49.5	63.0	65.7	66.2	66.3	66.3	66.3
Zimbabwe	22.0	25.9	29.8	31.8	29.0	34.2	31.2	31.5	32.3

Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025].

<https://www.fao.org/faostat/en/#data/QCL>. Licence: CC-BY-4.0.

TABLE 27.
CAPTURE FISHERIES AND AQUACULTURE PRODUCTION, 2023 (THOUSAND TONNES)

COUNTRY	MARINE FISHES	FRESHWATER FISHES	MOLLUSCS	CRUSTACEANS	DIADROMOUS FISHES	MISCELLANEOUS AQUATIC ANIMALS	TOTAL
World	68 469.4	64 634.0	25 828.3	19 887.8	8 204.7	1 855.2	188 879.4
Africa	6 961.9	5 368.4	239.7	253.1	23.0	2.4	12 848.4
Americas	12 454.9	1 640.6	2 328.0	3 032.8	1 711.5	63.1	21 230.9
Asia	35 284.1	57 086.9	22 123.0	15 882.9	3 366.6	1 755.0	135 498.5
Europe	12 270.4	524.5	995.7	667.6	3 001.8	31.6	17 491.7
Oceania	1 452.0	13.6	141.8	51.5	101.8	3.0	1 763.7
Afghanistan		13.6			0.1		13.7
Albania	11.6	4.2	0.7	1.3	1.6	0.0	19.3
Algeria	77.0	2.2	1.1	2.1	0.0		82.4
Andorra		0.0					0.0
Angola	510.4	33.2	2.2	12.8	0.0		558.5
Antigua and Barbuda	1.4	0.0	1.6	0.3			3.3
Argentina	420.0	13.3	192.5	202.8	4.1	0.0	832.7
Armenia		1.2		1.0	23.7		25.9
Australia	143.0	0.7	26.5	43.2	85.9	1.0	300.3
Austria		1.6		0.0	3.9		5.5
Azerbaijan	0.1	63.2		0.0	3.2		66.5
Bahamas	0.2	0.0	1.0	7.4		0.0	8.6
Bahrain	5.6	0.0	0.2	5.9	0.2	6.1	18.1
Bangladesh	489.4	3 569.8		284.2	571.3	0.0	4 914.7
Barbados	0.9	0.0	0.0	0.0			0.9
Belarus		7.5		0.0	0.4		8.0
Belgium	13.6	0.4	3.2	0.9	0.1	0.0	18.2
Belize	194.4	0.1	2.4	1.7		0.0	198.5
Benin	20.4	27.9	0.0	5.8	1.1	0.0	55.2
Bhutan		0.0			0.0		0.1
Bolivia (Plurinational State of)	0.0	36.2			0.7		36.9
Bosnia and Herzegovina	0.1	0.4	0.0		3.8		4.4
Botswana		0.2					0.2
Brazil	490.9	873.8	20.1	184.1	1.7	0.2	1 570.8
Brunei Darussalam	17.7	0.0	0.0	1.5	0.1	0.0	19.4
Bulgaria	4.1	3.9	3.7	0.0	4.9	0.0	16.6
Burkina Faso		31.4		0.0			31.4
Burundi		20.7					20.7
Cabo Verde	8.1	0.0	0.0	0.0		0.0	8.2
Cambodia	91.6	728.7	21.9	20.2	1.9	0.4	864.7
Cameroon	169.6	38.0	0.0	33.6	0.4		241.6
Canada	259.7	18.6	148.8	261.9	108.8	14.6	812.4
Central African Republic		29.4					29.4
Chad		109.1					109.1
Chile	1 936.8	0.0	531.3	44.5	1 089.9	29.9	3 632.4
China	11 012.5	28 176.1	18 525.2	9 505.8	628.0	1 559.2	69 406.7
Colombia	58.7	204.5	0.6	7.0	31.8		302.5
Comoros	13.9	0.0	0.0	0.0	0.0		13.9

TABLE 27.
CAPTURE FISHERIES AND AQUACULTURE PRODUCTION, 2023 (THOUSAND TONNES) (CONTINUED)

COUNTRY	MARINE FISHES	FRESHWATER FISHES	MOLLUSCS	CRUSTACEANS	DIADROMOUS FISHES	MISCELLANEOUS AQUATIC ANIMALS	TOTAL
Congo	21.3	40.0	0.0	0.3	0.4		61.9
Costa Rica	34.9	13.0	0.0	1.7	0.7	0.0	50.4
Côte d'Ivoire	57.9	27.2	0.0	1.3	0.9	0.0	87.2
Croatia	75.9	3.3	1.8	1.2	0.4	0.3	83.0
Cuba	9.0	12.1	0.9	4.3	0.0	0.0	26.2
Cyprus	6.8	0.0	0.0	0.0	0.1		6.9
Czechia		21.2			0.8		22.0
Democratic People's Republic of Korea	178.4	19.9	71.7	15.5	0.1	0.3	285.8
Democratic Republic of the Congo	8.7	258.7					267.3
Denmark	458.5	0.5	29.2	13.1	26.5	0.7	528.4
Djibouti	3.2	0.0	0.0	0.0			3.2
Dominica	0.4	0.0		0.0			0.4
Dominican Republic	12.0	5.2	1.8	2.1	0.0	0.0	21.1
Ecuador	671.4	9.9	3.3	1 240.1	4.0	0.3	1 929.0
Egypt	614.8	1 341.6	8.1	35.0	1.7	0.0	2 001.1
El Salvador	53.2	13.3	0.1	2.5			69.2
Equatorial Guinea	6.1	1.1	0.0	0.0	0.0	0.0	7.2
Eritrea	1.8	0.0	0.0	0.0	0.0		1.9
Estonia	58.7	4.4	0.0	12.8	1.7		77.5
Eswatini		0.1		0.0			0.1
Ethiopia		133.4			0.7		134.1
Fiji	28.4	0.1	2.9	0.7	0.0	0.2	32.3
Finland	84.5	34.1		0.2	24.5		143.2
France	328.4	4.5	229.2	13.7	31.5	0.3	607.6
Gabon	18.2	11.2	0.4	0.3		0.0	30.0
Gambia	50.6	1.9	0.7	2.4			55.5
Georgia	213.5	1.1	0.0		1.4		216.0
Germany	156.8	23.2	18.2	7.4	11.8	0.0	217.4
Ghana	291.7	182.0	5.1	2.2	3.4		484.4
Greece	172.1	0.7	23.8	5.4	2.9	0.0	204.9
Grenada	3.6	0.0	0.0	0.0		0.0	3.6
Guatemala	11.2	18.3	0.0	26.8	0.1		56.5
Guinea	335.4	80.7	1.8	0.5	1.8		420.2
Guinea-Bissau	64.8	0.2	0.0	0.0			65.1
Guyana	26.5	0.1		11.4			38.0
Haiti	15.2	2.3	0.1	0.6		0.0	18.1
Honduras	12.4	49.8	3.1	57.0		0.8	123.1
Hungary		22.1		0.0	0.2		22.4
Iceland	1 294.6	0.0	0.3	2.6	49.2	2.9	1 349.6
India	3 359.1	11 881.6	379.1	1 759.5	41.8	0.0	17 421.0
Indonesia	6 292.6	4 207.4	435.6	1 479.5	844.2	72.9	13 332.2
Iran (Islamic Republic of)	638.6	420.7	3.7	67.2	250.9	0.0	1 381.2
Iraq	9.9	54.0		1.7	0.6		66.1
Ireland	157.4	0.0	38.1	16.4	9.9	0.0	221.7

TABLE 27.
CAPTURE FISHERIES AND AQUACULTURE PRODUCTION, 2023 (THOUSAND TONNES) (CONTINUED)

COUNTRY	MARINE FISHES	FRESHWATER FISHES	MOLLUSCS	CRUSTACEANS	DIADROMOUS FISHES	MISCELLANEOUS AQUATIC ANIMALS	TOTAL
Israel	6.0	8.9	0.2	0.1	1.5		16.6
Italy	89.7	3.7	106.8	15.3	37.5	0.0	253.1
Jamaica	9.3	1.9	2.0	0.3		0.0	13.5
Japan	2 466.6	3.1	739.5	45.7	147.6	27.0	3 429.5
Jordan	0.2	3.1					3.4
Kazakhstan	2.1	46.3		0.0	4.6		52.9
Kenya	33.3	120.3	2.1	4.5	0.9	0.6	161.6
Kiribati	239.1	0.0	0.0	0.0	0.0	0.0	239.2
Kuwait	1.8	0.5		1.0	0.1		3.3
Kyrgyzstan		10.4			23.3		33.6
Lao People's Democratic Republic		213.0				0.1	213.2
Latvia	62.4	1.5	0.0	2.8	0.9		67.6
Lebanon	2.6	0.0	0.0	0.0	0.9		3.6
Lesotho		0.0			2.0		2.0
Liberia	26.7	1.9	0.1	0.2	0.6	0.0	29.5
Libya	29.9	0.0	1.8	0.5			32.1
Lithuania	93.6	4.8	0.0	7.7	0.6		106.7
Luxembourg		0.0					0.0
Madagascar	69.3	36.3	11.7	30.3	0.1	1.2	148.9
Malawi		217.5		0.0	0.1		217.6
Malaysia	1 072.5	122.7	85.6	166.5	101.7	15.8	1 564.9
Maldives	160.7	0.0	0.0	0.0		0.0	160.7
Mali		120.1					120.1
Malta	22.7	0.0	0.1	0.1	0.0	0.0	22.8
Marshall Islands	73.9	0.0	0.0	0.0			73.9
Mauritania	730.4	15.0	46.0	4.2		0.0	795.6
Mauritius	37.2	0.0	0.6	0.0		0.0	37.8
Mexico	1 626.6	88.8	91.3	305.7	2.0	4.9	2 119.4
Micronesia (Federated States of)	162.5	0.0	0.0	0.0	0.0	0.0	162.5
Mongolia		0.0					0.0
Montenegro	0.8	0.1	0.3	0.0	1.0		2.2
Morocco	1 266.5	14.4	100.3	12.3	0.4		1 394.0
Mozambique	272.9	118.7	4.8	23.2		0.0	419.6
Myanmar	702.2	2 019.2	0.9	94.5	2.2	1.2	2 820.2
Namibia	366.8	2.8	0.7	3.2		0.0	373.5
Nauru	103.2				0.0		103.2
Nepal		113.1			0.7		113.7
Netherlands (Kingdom of the)	237.7	3.5	55.7	9.1	2.7	0.5	309.1
New Zealand	307.9	0.0	108.1	4.0	14.8	1.0	435.8
Nicaragua	35.7	0.7	6.9	38.7		6.6	88.6
Niger		49.9					49.9
Nigeria	379.1	620.3	4.7	54.3			1 058.4
North Macedonia		0.7			1.6		2.3
Norway	2 022.1	0.0	11.7	337.9	1 634.2	0.0	4 005.9

TABLE 27.
CAPTURE FISHERIES AND AQUACULTURE PRODUCTION, 2023 (THOUSAND TONNES) (CONTINUED)

COUNTRY	MARINE FISHES	FRESHWATER FISHES	MOLLUSCS	CRUSTACEANS	DIADROMOUS FISHES	MISCELLANEOUS AQUATIC ANIMALS	TOTAL
Oman	660.2	0.3	15.1	6.9			682.5
Pakistan	312.1	318.8	13.4	28.3	3.2	2.9	678.7
Palau	0.8	0.0	0.0	0.0	0.0	0.0	0.8
Panama	224.1	0.2	0.0	9.9	0.0	0.0	234.2
Papua New Guinea	207.8	12.5	0.0	1.1	1.0	0.0	222.4
Paraguay		38.1		0.0			38.1
Peru	2 760.5	31.5	669.7	88.5	40.0	0.0	3 590.1
Philippines	1 417.2	406.6	129.2	154.9	362.1	2.0	2 471.9
Poland	155.2	34.7	0.0	0.7	21.9		212.4
Portugal	152.5	0.0	29.4	2.4	0.4	0.0	184.7
Qatar	17.3	0.0	0.3	1.4	0.0		19.0
Republic of Korea	1 044.0	11.2	631.7	123.1	29.5	32.6	1 872.1
Republic of Moldova		14.2		0.0	0.1		14.2
Romania	0.3	10.3	3.0	0.1	4.2	0.0	17.9
Russian Federation	4 325.5	268.8	147.6	121.9	822.0	26.3	5 712.0
Rwanda		38.9					38.9
Saint Kitts and Nevis	0.2	0.0	0.3	0.1			0.7
Saint Lucia	1.2	0.0	0.6	0.0			1.9
Saint Vincent and the Grenadines	1.0	0.0	0.2	0.0		0.0	1.3
Samoa	8.0	0.0	1.4	0.3		0.7	10.4
San Marino		0.0					0.0
Sao Tome and Principe	5.6	0.0	0.1	0.0			5.6
Saudi Arabia	58.0	46.1	4.7	86.4	12.7	0.0	207.9
Senegal	462.9	32.5	20.2	7.7	0.0		523.2
Serbia		6.3			2.0		8.3
Seychelles	138.5	0.0	0.1	0.1		0.6	139.2
Sierra Leone	195.0	2.1	0.6	1.5	7.9		207.1
Singapore	1.7	0.5	0.3	0.1	1.6	0.1	4.4
Slovakia		3.3			1.1		4.4
Slovenia	0.2	0.3	0.2	0.0	0.6		1.4
Solomon Islands	40.0	0.0	0.0	0.0	0.0	0.0	40.0
Somalia	28.7	0.2	0.6	0.5			30.0
South Africa	417.1	1.1	9.1	1.0	0.2	0.0	428.6
South Sudan		47.1					47.1
Spain	774.7	0.2	196.3	16.8	18.1	0.7	1 006.8
Sri Lanka	266.5	89.9	8.6	26.3	1.2	4.6	397.1
Sudan	3.0	43.5					46.5
Suriname	24.1	0.9		6.9			31.9
Sweden	138.8	8.5	1.7	4.2	13.0		166.1
Switzerland		1.6		0.0	2.3		3.9
Syrian Arab Republic	1.7	4.3	0.0	0.1			6.1
Tajikistan		4.6			0.4		4.9
Thailand	1 136.3	528.8	192.9	541.1	56.4	11.8	2 467.4

TABLE 27.
CAPTURE FISHERIES AND AQUACULTURE PRODUCTION, 2023 (THOUSAND TONNES) (CONTINUED)

COUNTRY	MARINE FISHES	FRESHWATER FISHES	MOLLUSCS	CRUSTACEANS	DIADROMOUS FISHES	MISCELLANEOUS AQUATIC ANIMALS	TOTAL
Timor-Leste	8.0	0.4	0.0	0.0	0.0	0.0	8.4
Togo	15.8	7.9	0.0	0.0	0.1		23.8
Tonga	1.1	0.0	0.0	0.0	0.0	0.0	1.1
Trinidad and Tobago	12.3	0.0	0.0	0.8			13.1
Tunisia	111.8	1.2	9.5	6.7	0.1	0.0	129.3
Türkiye	717.4	24.0	38.0	5.6	224.8	0.5	1 010.3
Turkmenistan	0.0	0.5		0.0	14.9		15.4
Tuvalu	49.0	0.0			0.0		49.0
Uganda		846.5		0.0			846.5
Ukraine	1.5	29.2	0.0	12.0	0.7	0.0	43.4
United Arab Emirates	59.4	0.0	0.6	0.4	1.2		61.7
United Kingdom of Great Britain and Northern Ireland	592.8	0.5	87.3	58.1	164.8	0.0	903.4
United Republic of Tanzania	93.8	446.7	7.3	6.0	0.0	0.0	553.9
United States of America	3 098.6	180.7	543.6	348.3	427.6	4.2	4 602.9
Uruguay	51.7	2.3	11.6	1.5	0.0	0.0	67.1
Uzbekistan		190.9			5.0		195.9
Vanuatu	66.6	0.0	2.8	0.5	0.0	0.0	69.9
Venezuela (Bolivarian Republic of)	146.4	25.0	19.4	60.5	0.1	0.0	251.5
Viet Nam	2 710.5	3 782.2	816.0	1 455.6	3.4	17.6	8 785.4
Yemen	140.2	0.0	8.4	2.4		0.0	151.0
Zambia		178.5		0.0			178.5
Zimbabwe		34.9		0.0	0.0		34.9

Source: FAO. 2025. FishStat: Global production by production source 1950–2023. [Accessed on 28 October 2025].

In: FishStatJ. <https://www.fao.org/fishery/en/statistics/software/fishstatj>. Licence: CC-BY-4.0.

TABLE 28.
CAPTURE FISHERIES AND AQUACULTURE PRODUCTION BY SOURCE (THOUSAND TONNES)

COUNTRY	AQUACULTURE				CAPTURE FISHERIES			
	2000	2010	2015	2023	2000	2010	2015	2023
World	32 419.2	57 758.3	72 877.7	98 506.7	93 561.3	87 223.1	91 664.7	90 372.7
Africa	400.6	1 288.7	1 788.1	2 333.8	6 772.4	7 793.3	8 882.7	10 514.6
Americas	1 423.4	2 514.7	3 280.4	5 056.0	25 754.5	17 571.2	17 573.5	16 174.9
Asia	28 422.5	51 235.1	64 684.8	87 461.8	43 564.0	46 752.9	49 625.9	48 036.7
Europe	2 050.8	2 530.1	2 946.7	3 421.9	16 177.3	13 870.6	14 164.2	14 069.8
Oceania	121.8	189.7	177.8	233.2	1 088.6	1 216.2	1 361.7	1 530.5
Afghanistan	0.3	2.3	5.5	11.7	1.0	1.0	1.8	2.0
Albania	0.3	2.5	3.5	9.3	3.3	5.1	7.9	10.0
Algeria	0.4	1.8	1.3	5.3	113.2	93.5	95.8	77.1
Andorra					0.0	0.0	0.0	0.0
Angola	0.0	0.3	0.9	10.3	239.4	310.0	495.2	548.2
Antigua and Barbuda	0.0	0.0	0.0	0.0	1.7	2.2	3.2	3.3
Argentina	1.8	2.7	3.7	5.5	921.8	811.7	814.3	827.2
Armenia	0.9	5.1	15.1	24.8	1.1	0.6	8.1	1.1
Australia	32.1	75.7	83.1	120.3	192.5	178.0	150.3	180.1
Austria	2.8	2.2	3.5	5.2	0.4	0.4	0.4	0.4
Azerbaijan	0.1	3.2	3.1	3.4	19.0	42.7	48.2	63.0
Bahamas	0.0	0.0	0.0	0.0	15.4	16.2	11.3	8.6
Bahrain	0.0	0.0	0.0	0.1	11.7	13.5	16.5	18.0
Bangladesh	657.1	1 308.5	2 060.4	2 852.0	1 004.3	1 726.6	1 623.8	2 062.7
Barbados	0.0	0.0	0.0	0.0	3.2	3.3	1.5	0.9
Belarus	6.7	16.3	9.1	7.4	0.6	0.9	0.9	0.6
Belgium	1.9	0.5	0.1	0.3	29.8	22.4	24.7	18.0
Belize	3.6	7.4	4.2	0.9	30.3	399.9	97.5	197.7
Benin	0.0	0.5	4.6	3.1	32.3	39.8	36.5	52.1
Bhutan	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0
Bolivia (Plurinational State of)	0.4	0.9	4.2	29.1	6.1	6.9	7.0	7.9
Bosnia and Herzegovina	0.0	7.6	4.5	4.1	0.3	0.3	0.3	0.3
Botswana	0.0	0.0	0.0	0.2	0.2	0.1	0.1	0.0
Brazil	172.5	411.0	577.6	792.0	666.8	785.4	709.2	778.8
Brunei Darussalam	0.1	0.5	1.0	1.7	2.5	2.4	3.4	17.7
Bulgaria	3.7	7.9	10.9	9.9	8.7	10.8	8.8	6.7
Burkina Faso	0.0	0.2	0.2	1.1	8.5	14.5	20.8	30.3
Burundi	0.1	0.0	0.4	0.6	17.3	17.3	20.1	20.1
Cabo Verde	0.0	0.0	0.0	0.0	10.6	21.4	41.2	8.1
Cambodia	14.4	60.0	144.8	313.0	281.6	490.0	608.2	551.7
Cameroon	0.1	0.6	2.0	12.2	112.1	181.0	213.6	229.3
Canada	127.7	162.3	187.5	146.2	998.2	933.5	859.6	666.2
Central African Republic	0.1	0.1	0.2	0.4	15.0	35.0	28.0	29.0
Chad	0.0	0.0	0.2	0.1	83.2	91.0	100.0	109.0
Chile	391.6	701.1	1 045.8	1 487.4	4 300.2	2 679.7	1 786.0	2 144.9
China	21 770.9	35 828.1	44 065.0	55 481.5	15 901.0	15 829.9	17 513.0	13 925.2
Colombia	61.8	80.4	95.9	203.0	137.1	81.2	81.9	99.5

TABLE 28.
CAPTURE FISHERIES AND AQUACULTURE PRODUCTION BY SOURCE (THOUSAND TONNES) (CONTINUED)

COUNTRY	AQUACULTURE				CAPTURE FISHERIES			
	2000	2010	2015	2023	2000	2010	2015	2023
Comoros					12.0	63.4	11.8	13.9
Congo	0.1	0.3	0.6	1.7	46.0	65.2	69.3	60.2
Costa Rica	9.7	26.8	23.6	16.5	35.2	17.9	14.8	33.9
Côte d'Ivoire	1.2	1.7	4.0	8.8	80.3	48.0	98.6	78.4
Croatia	6.9	15.7	16.9	26.8	21.1	52.8	73.9	56.2
Cuba	32.8	31.4	32.1	12.8	68.4	24.0	25.6	13.4
Cyprus	1.9	4.1	5.8	5.7	68.3	1.4	1.5	1.2
Czechia	19.5	20.4	20.2	18.6	4.7	4.0	3.8	3.4
Democratic People's Republic of Korea	66.7	64.5	65.8	77.7	212.9	217.5	220.0	208.1
Democratic Republic of the Congo	2.1	3.0	3.0	5.5	244.6	224.5	230.7	261.8
Denmark	43.6	35.2	35.8	33.1	1 534.1	828.1	869.0	495.3
Djibouti					0.8	1.6	2.0	3.2
Dominica	0.0	0.0	0.0	0.0	1.2	0.7	1.0	0.4
Dominican Republic	2.1	1.3	2.3	3.8	11.0	14.5	11.9	17.3
Ecuador	61.3	272.7	426.7	1 234.0	596.5	399.9	632.6	695.0
Egypt	340.1	919.6	1 174.8	1 552.4	384.3	385.2	344.1	448.7
El Salvador	0.3	4.5	6.7	13.4	9.6	39.6	54.5	55.8
Equatorial Guinea	0.0	0.0	0.0	0.0	3.6	7.4	6.4	7.2
Eritrea	0.0	0.0	0.0	0.0	12.6	3.6	6.2	1.9
Estonia	0.2	0.6	0.8	0.9	113.1	95.4	72.8	76.6
Eswatini	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Ethiopia	0.0	0.0	0.1	2.7	15.7	18.1	50.5	131.4
Fiji	1.8	0.2	0.1	0.2	40.7	41.8	41.0	32.2
Finland	15.4	11.8	14.9	15.2	156.4	156.1	182.9	128.1
France	266.8	203.0	163.3	186.1	625.7	427.2	495.8	421.5
Gabon	0.6	0.1	0.0	0.1	47.8	32.7	33.0	29.9
Gambia	0.0	0.0	0.0	0.1	29.0	46.6	56.0	55.5
Georgia	0.1	0.9	1.7	2.5	1.8	46.0	22.5	213.6
Germany	65.9	40.7	29.9	35.0	204.1	243.1	261.7	182.5
Ghana	5.0	10.2	44.6	100.0	454.3	351.5	344.3	384.4
Greece	95.4	121.2	107.0	141.9	99.3	70.2	65.4	63.0
Grenada	0.0	0.0	0.0	0.0	1.7	2.2	2.5	3.6
Guatemala	4.0	22.8	22.2	42.5	39.2	22.3	18.3	14.0
Guinea	1.0	0.2	0.4	6.0	91.5	113.5	184.7	414.2
Guinea-Bissau	0.0	0.0	0.0	0.0	6.3	6.6	21.2	65.0
Guyana	0.6	0.5	0.4	1.6	48.9	45.2	36.6	36.4
Haiti	0.0	0.4	1.2	1.7	7.4	13.7	16.5	16.4
Honduras	10.1	27.5	55.1	102.8	17.9	12.1	12.8	20.3
Hungary	12.9	14.2	17.3	17.8	7.1	6.2	5.9	4.6
Iceland	3.6	5.1	8.4	49.6	1 982.5	1 060.6	1 330.7	1 300.0
India	1 942.5	3 785.8	5 341.0	11 315.4	3 666.4	4 689.3	4 843.4	6 105.6
Indonesia	788.5	2 304.8	4 342.5	5 599.6	4 115.1	5 386.3	6 610.8	7 732.6
Iran (Islamic Republic of)	40.6	220.0	346.1	616.7	384.0	443.7	630.6	764.5

TABLE 28.
CAPTURE FISHERIES AND AQUACULTURE PRODUCTION BY SOURCE (THOUSAND TONNES) (CONTINUED)

COUNTRY	AQUACULTURE				CAPTURE FISHERIES			
	2000	2010	2015	2023	2000	2010	2015	2023
Iraq	1.7	20.3	24.8	23.9	20.8	19.3	27.3	42.1
Ireland	51.2	46.5	39.6	34.6	276.3	318.9	234.9	187.1
Israel	20.1	19.9	19.6	14.5	5.8	2.6	2.1	2.1
Italy	213.5	153.5	148.8	126.0	302.2	233.6	197.6	127.1
Jamaica	4.5	4.0	0.6	1.0	5.5	15.4	17.0	12.5
Japan	762.8	718.3	705.5	580.7	5 072.5	4 091.1	3 406.2	2 848.8
Jordan	0.6	0.5	1.0	2.7	0.6	0.5	0.6	0.7
Kazakhstan	0.8	0.2	0.7	17.1	36.6	46.8	40.5	35.8
Kenya	0.5	12.2	18.7	32.1	215.5	140.4	165.0	129.5
Kiribati	0.0	0.0	0.0	0.0	35.4	43.1	146.0	239.2
Kuwait	0.4	0.3	0.3	0.5	7.0	6.4	3.9	2.8
Kyrgyzstan	0.1	0.4	1.1	33.6	0.1	0.0	0.0	0.0
Lao People's Democratic Republic	42.1	82.1	96.0	140.0	29.3	30.9	62.6	73.2
Latvia	0.3	0.5	0.9	0.8	136.4	164.8	81.3	66.8
Lebanon	0.4	1.2	1.0	0.9	3.7	3.4	3.6	2.6
Lesotho	0.0	0.3	1.0	2.0	0.0	0.0	0.1	0.0
Liberia	0.0	0.1	0.2	1.4	11.5	11.7	14.0	28.2
Libya	0.0	0.1	0.0	0.0	50.0	50.0	25.7	32.1
Lithuania	2.0	3.2	4.5	4.3	79.0	149.9	85.1	102.4
Luxembourg					0.0	0.0	0.0	0.0
Madagascar	7.3	6.9	7.3	9.8	120.1	128.8	114.0	139.2
Malawi	0.5	2.6	5.0	4.8	50.0	98.3	141.6	212.8
Malaysia	151.8	373.4	246.2	282.3	1 289.3	1 433.4	1 492.0	1 282.6
Maldives	0.0	0.0	0.0	0.0	119.4	122.8	127.3	160.7
Mali	0.0	2.1	2.4	9.0	109.9	100.0	92.5	111.1
Malta	1.7	6.9	10.8	20.8	1.1	1.8	2.6	2.0
Marshall Islands	0.0	0.0	0.0	0.0	8.3	59.8	89.7	73.9
Mauritania					114.5	276.2	403.8	795.6
Mauritius	0.1	0.6	0.8	2.4	9.6	7.4	15.8	35.5
Mexico	53.9	126.2	211.6	276.7	1 315.7	1 526.5	1 467.3	1 842.7
Micronesia (Federated States of)	0.0	0.0	0.0	0.0	23.3	31.4	71.4	162.5
Mongolia					0.4	0.1	0.1	0.0
Montenegro	0.0	0.7	0.8	1.4	0.0	1.3	1.5	0.8
Morocco	1.9	0.7	1.1	2.3	902.8	1 136.2	1 364.9	1 391.6
Mozambique	0.0	0.9	1.1	6.0	41.5	162.6	286.8	413.5
Myanmar	98.9	850.7	997.3	1 197.0	1 093.2	1 961.2	2 072.4	1 623.2
Namibia	0.1	0.6	0.5	0.3	589.8	381.9	509.9	373.1
Nauru	0.0	0.0	0.0	0.0	0.4	0.6	0.3	103.2
Nepal	15.0	28.2	48.0	92.7	16.7	21.5	21.5	21.0
Netherlands (Kingdom of the)	75.3	67.1	62.4	41.6	495.8	434.4	384.5	267.6
New Zealand	85.6	110.6	91.3	109.2	553.4	436.2	433.2	326.6
Nicaragua	5.4	17.0	24.5	32.0	22.5	41.0	41.5	56.5
Niger	0.0	0.1	0.3	0.5	16.3	40.0	27.0	49.4

TABLE 28.
CAPTURE FISHERIES AND AQUACULTURE PRODUCTION BY SOURCE (THOUSAND TONNES) (CONTINUED)

COUNTRY	AQUACULTURE				CAPTURE FISHERIES			
	2000	2010	2015	2023	2000	2010	2015	2023
Nigeria	25.7	200.5	316.7	258.8	441.4	617.0	710.3	799.6
North Macedonia	1.2	1.5	1.0	1.9	0.2	0.2	0.4	0.4
Norway	491.3	1 019.8	1 380.8	1 649.8	2 699.4	2 680.0	2 304.8	2 356.0
Oman	0.0	0.1	0.2	5.1	120.4	163.9	257.0	677.4
Pakistan	12.5	140.1	151.2	168.7	598.7	455.5	509.5	510.0
Palau	0.0	0.0	0.0	0.0	1.1	1.0	0.8	0.8
Panama	1.8	6.6	9.6	14.7	227.6	182.1	167.2	219.5
Papua New Guinea	0.2	1.6	1.7	1.9	109.9	226.1	234.8	220.5
Paraguay	0.1	3.0	8.5	20.2	28.0	17.8	17.0	18.0
Peru	6.6	89.0	91.0	105.1	10 657.3	4 301.6	4 824.1	3 485.0
Philippines	393.9	744.7	781.8	757.8	1 917.2	2 498.8	2 150.5	1 714.1
Poland	35.8	30.8	33.6	40.7	215.7	189.7	199.4	171.8
Portugal	7.5	8.2	9.6	22.4	190.9	223.0	188.5	162.3
Qatar	0.0	0.0	0.0	0.1	7.1	13.8	15.2	19.0
Republic of Korea	293.4	475.6	479.4	562.6	1 825.2	1 722.0	1 650.2	1 309.5
Republic of Moldova	1.7	8.8	11.2	14.2	0.0	0.0	0.1	0.0
Romania	9.7	9.0	11.0	11.3	7.4	2.7	9.3	6.6
Russian Federation	74.1	120.4	152.0	326.5	3 973.5	4 069.9	4 457.4	5 385.5
Rwanda	0.3	0.1	1.6	7.3	6.7	13.0	29.3	31.6
Saint Kitts and Nevis	0.0	0.0	0.0	0.0	1.0	21.8	100.4	0.7
Saint Lucia	0.0	0.0	0.0	0.0	2.0	2.0	2.0	1.9
Saint Vincent and the Grenadines					22.8	66.4	26.1	1.3
Samoa	0.0	0.0	0.0	0.0	8.6	12.8	8.7	10.4
San Marino					0.0	0.0	0.0	0.0
Sao Tome and Principe					3.7	4.8	11.4	5.6
Saudi Arabia	6.0	26.4	30.0	138.8	49.1	65.1	68.1	69.1
Senegal	0.1	0.1	1.2	1.6	435.8	409.7	425.4	521.7
Serbia	0.0	8.2	7.4	5.8	0.0	4.8	3.2	2.5
Seychelles	0.4	0.0	0.0	0.0	32.8	87.1	106.0	139.2
Sierra Leone	0.0	0.1	0.1	0.2	74.7	200.0	202.1	206.9
Singapore	5.1	3.5	6.9	4.2	5.4	1.7	1.3	0.2
Slovakia	0.9	0.7	1.3	2.8	1.4	1.6	2.0	1.7
Slovenia	1.2	0.8	1.6	1.1	1.9	0.9	0.3	0.3
Solomon Islands	0.0	0.0	0.0	0.0	19.5	37.4	67.8	40.0
Somalia					24.2	30.0	30.0	30.0
South Africa	2.8	3.1	5.4	6.0	643.8	628.8	565.1	422.6
South Sudan	0.0	0.0	0.0	0.1	0.0	0.0	37.0	47.0
Spain	309.2	253.8	293.6	243.1	1 055.9	970.6	970.0	763.7
Sri Lanka	4.4	8.1	31.3	59.2	296.1	389.1	465.8	337.9
Sudan	0.0	0.0	7.0	5.5	0.0	0.0	33.0	41.0
Suriname	0.3	0.1	0.1	0.0	24.2	35.1	39.5	31.9
Sweden	4.8	10.6	12.0	11.4	338.5	212.0	212.0	154.7
Switzerland	1.1	1.3	1.6	2.5	1.7	2.1	2.0	1.4

TABLE 28.
CAPTURE FISHERIES AND AQUACULTURE PRODUCTION BY SOURCE (THOUSAND TONNES) (CONTINUED)

COUNTRY	AQUACULTURE				CAPTURE FISHERIES			
	2000	2010	2015	2023	2000	2010	2015	2023
Syrian Arab Republic	6.8	8.6	2.5	1.7	6.6	6.6	3.8	4.5
Tajikistan	0.1	0.5	0.5	2.3	0.2	0.7	1.2	2.6
Thailand	738.2	1 286.1	921.0	1 001.2	2 997.1	1 810.6	1 502.2	1 466.2
Timor-Leste	0.0	0.1	0.2	0.5	3.6	3.2	4.2	8.0
Togo	0.0	0.1	0.1	1.6	22.3	27.5	21.5	22.2
Tonga	0.0	0.0	0.0	0.0	3.8	2.1	1.8	1.1
Trinidad and Tobago	0.0	0.0	0.0	0.0	14.2	13.9	12.1	13.1
Tunisia	1.6	5.4	14.6	21.2	94.7	93.2	117.0	108.1
Türkiye	79.0	167.7	240.3	556.3	503.3	485.9	431.9	454.1
Turkmenistan	0.1	0.0	0.1	0.2	12.2	15.0	15.0	15.2
Tuvalu	0.0	0.0	0.0	0.0	0.5	11.5	6.1	49.0
Uganda	0.8	95.0	117.6	130.0	219.4	413.8	396.2	716.5
Ukraine	31.0	22.9	22.2	15.3	391.8	209.8	120.5	28.2
United Arab Emirates	0.0	0.2	0.8	2.3	105.5	70.6	74.1	59.4
United Kingdom of Great Britain and Northern Ireland	152.5	201.4	211.8	183.1	758.0	617.4	713.9	720.3
United Republic of Tanzania	0.2	0.5	4.0	34.9	339.9	376.5	408.0	519.0
United States of America	456.8	496.7	426.0	455.6	4 746.3	4 391.7	4 987.7	4 147.2
Uruguay	0.1	0.1	0.2	0.1	113.3	74.2	59.5	67.1
Uzbekistan	5.7	6.7	36.9	140.3	3.3	4.1	23.0	55.6
Vanuatu	0.0	0.1	0.0	0.0	70.5	101.2	83.0	69.9
Venezuela (Bolivarian Republic of)	13.4	18.2	18.9	57.3	359.6	218.9	240.5	194.2
Viet Nam	498.5	2 683.1	3 462.4	5 368.1	1 629.6	2 249.7	2 860.6	3 417.2
Yemen	0.0	0.2	0.0	0.0	114.8	163.9	177.4	151.0
Zambia	4.2	10.3	22.8	76.6	66.7	76.4	90.1	101.8
Zimbabwe	2.2	5.5	21.2	8.7	13.1	14.6	24.8	26.2

Source: FAO. 2025. FishStat: Global production by production source 1950–2023. [Accessed on 28 October 2025].

In: FishStatJ. <https://www.fao.org/fishery/en/statistics/software/fishstatj>. Licence: CC-BY-4.0.

TABLE 29.
PRODUCTION OF ROUNDWOOD BY TYPE (THOUSAND M³)

COUNTRY	WOOD FUEL		INDUSTRIAL ROUNDWOOD, CONIFEROUS		INDUSTRIAL ROUNDWOOD, NON-CONIFEROUS		ROUNDWOOD	
	2000	2023	2000	2023	2000	2023	2000	2023
World	1 795 443	1 961 147	1 037 959	1 068 786	644 330	855 815	3 477 732	3 885 749
Africa	551 284	740 735	13 357	12 452	57 955	66 983	622 596	820 170
Americas	314 350	344 221	518 504	473 894	260 867	286 595	1 093 722	1 104 711
Asia	807 816	690 310	87 766	75 354	177 147	365 906	1 072 729	1 131 570
Europe	109 278	175 844	386 231	460 152	133 376	117 670	628 885	753 666
Oceania	12 715	10 037	32 101	46 934	14 985	18 661	59 801	75 632
Afghanistan	1 279	2 069	999	999	761	761	3 039	3 829
Albania	324	695	68	67	55	61	447	824
Algeria	7 074	8 951	81	116	81	23	7 236	9 090
Andorra		0						0
Angola	3 163	5 293			1 096	1 250	4 259	6 543
Antigua and Barbuda								
Argentina	2 993	4 131	4 140	8 758	3 570	6 409	10 704	19 298
Armenia	57	725	0	0	0	0	57	725
Australia	6 774	3 945	12 474	14 112	11 933	10 848	31 181	28 905
Austria	2 860	5 671	9 607	11 427	809	950	13 276	18 049
Azerbaijan	32	422	0	0	32	3	64	425
Bahamas	31	34	15	15	2	2	48	51
Bahrain	6	8					6	8
Bangladesh	27 836	24 548			623	1 793	28 459	26 341
Barbados	5	5			5	6	10	11
Belarus	928	8 803	3 011	10 729	2 197	2 349	6 136	21 881
Belgium	550	893	2 780	3 315	1 180	1 004	4 510	5 212
Belize	126	126	18	8	44	33	188	167
Benin	5 910	6 785			332	385	6 242	7 169
Bhutan	4 221	5 436	46	33	88	92	4 355	5 561
Bolivia (Plurinational State of)	2 142	2 542	0	40	468	1 486	2 610	4 068
Bosnia and Herzegovina	950	1 209	2 191	1 878	1 141	639	4 282	3 726
Botswana	635	700			105	105	740	805
Brazil	132 408	132 440	39 666	46 846	63 328	137 578	235 402	316 864
Brunei Darussalam	12	12	0	0	115	64	126	75
Bulgaria	2 107	2 166	1 294	1 800	1 383	895	4 784	4 861
Burkina Faso	7 402	15 054			594	1 171	7 996	16 225
Burundi	5 420	5 999	220	138	547	487	6 187	6 624
Cabo Verde	147	233					147	233
Cambodia	10 119	6 770	0	13	179	309	10 298	7 092
Cameroon	9 111	10 964			1 894	3 370	11 005	14 334
Canada	2 927	1 461	163 473	104 788	35 445	24 669	201 845	130 919
Central African Republic	2 000	6 326			955	845	2 955	7 171
Chad	5 885	8 554			761	761	6 646	9 315
Chile	12 131	15 924	18 806	25 780	5 631	14 168	36 568	55 872
China	227 627	148 474	61 814	30 159	34 205	141 285	323 646	319 917
Colombia	10 893	5 769	373	519	1 791	1 026	13 057	7 314

TABLE 29.
PRODUCTION OF ROUNDWOOD BY TYPE (THOUSAND M³) (CONTINUED)

COUNTRY	WOOD FUEL		INDUSTRIAL ROUNDWOOD, CONIFEROUS		INDUSTRIAL ROUNDWOOD, NON-CONIFEROUS		ROUNDWOOD	
	2000	2023	2000	2023	2000	2023	2000	2023
Comoros	201	357			25	25	226	382
Congo	1 153	1 620		0	1 362	1 933	2 515	3 553
Costa Rica	3 486	3 211	0	100	987	997	4 473	4 308
Côte d'Ivoire	8 529	9 330			3 416	2 400	11 945	11 730
Croatia	976	2 579	464	636	2 229	1 985	3 669	5 200
Cuba	963	1 141	220	190	636	421	1 819	1 752
Cyprus	5	6	15	2	1	0	21	8
Czechia	940	2 974	12 191	14 256	1 310	1 263	14 441	18 493
Democratic People's Republic of Korea	5 503	6 406	1 100	1 100	400	400	7 003	7 906
Democratic Republic of the Congo	64 903	91 261			3 564	4 611	68 467	95 872
Denmark	699	2 061	3 578	1 556	384	225	4 661	3 842
Djibouti	293	425			0	0	293	425
Dominica	8	7					8	7
Dominican Republic	556	1 015	0	64	6	47	562	1 126
Ecuador	5 363	5 097	0	1 043	546	1 144	5 909	7 285
Egypt	16 182	17 994		9	268	259	16 450	18 262
El Salvador	4 518	4 047	0	0	682	682	5 200	4 729
Equatorial Guinea	447	447			689	1 300	1 136	1 747
Eritrea	2 244	1 001			2	22	2 247	1 023
Estonia	1 640	4 030	4 980	3 987	2 290	2 429	8 910	10 447
Eswatini	885	1 354	864	864	70	70	1 819	2 288
Ethiopia	87 471	118 373	8	13	2 451	3 537	89 930	121 923
Fiji	37	185	342	560	107	240	486	985
Finland	4 115	9 849	44 369	45 400	5 778	8 182	54 262	63 430
France	31 046	24 500	26 305	17 070	13 171	8 200	70 522	49 770
Gabon	515	1 070			2 584	2 919	3 099	3 989
Gambia	603	810		1	113	17	715	827
Georgia	280	331	11	125	84	22	375	478
Germany	8 952	23 311	40 957	45 700	8 758	4 093	58 667	73 105
Ghana	26 725	54 102		50	998	2 769	27 723	56 921
Greece	1 601	947	411	189	232	223	2 245	1 359
Grenada								
Guatemala	14 540	22 729	371	189	96	465	15 007	23 383
Guinea	11 444	12 556			651	651	12 095	13 207
Guinea-Bissau	2 230	3 069			135	132	2 364	3 201
Guyana	880	807	0	0	289	317	1 169	1 124
Haiti	1 964	2 173	100	100	139	139	2 203	2 412
Honduras	8 732	8 016	744	840	12	5	9 488	8 861
Hungary	2 597	2 516	609	858	2 696	1 598	5 902	4 972
Iceland	0	1	0	3	0	0	0	4
India	277 380	297 883	200	576	35 603	49 292	313 183	347 751
Indonesia	88 981	33 590	206	205	48 643	74 214	137 830	108 009
Iran (Islamic Republic of)	54	149			1 060	416	1 114	565

TABLE 29.
PRODUCTION OF ROUNDWOOD BY TYPE (THOUSAND M³) (CONTINUED)

COUNTRY	WOOD FUEL		INDUSTRIAL ROUNDWOOD, CONIFEROUS		INDUSTRIAL ROUNDWOOD, NON-CONIFEROUS		ROUNDWOOD	
	2000	2023	2000	2023	2000	2023	2000	2023
Iraq	118	118			59	59	177	177
Ireland	73	285	2 581	3 616	19	11	2 673	3 912
Israel	8	2	61	23	12	2	81	27
Italy	9 187	10 269	1 098	2 513	2 551	535	12 836	13 317
Jamaica	599	483	6	1	277	151	882	635
Japan	134	11 137	14 520	20 405	3 467	2 214	18 121	33 756
Jordan	222	404			4	4	226	408
Kazakhstan	474	194	140	63	32	174	645	431
Kenya	19 658	25 189	706	530	1 271	439	21 635	26 158
Kiribati	2	4					2	4
Kuwait	15	22					15	22
Kyrgyzstan	33	37	4	45	9	7	46	88
Lao People's Democratic Republic	5 872	5 586	0	0	567	1 432	6 439	7 018
Latvia	1 680	3 900	8 676	7 650	3 948	5 850	14 304	17 400
Lebanon	19	51	7	7		0	26	58
Lesotho	2 022	2 154		14			2 022	2 168
Liberia	4 725	10 758			1 114	463	5 839	11 221
Libya	823	1 093			116	116	939	1 209
Lithuania	1 450	2 172	2 430	3 671	1 620	1 523	5 500	7 366
Luxembourg	28	51	106	177	120	52	254	279
Madagascar	9 637	15 999	92	100	34	74	9 763	16 173
Malawi	4 964	6 264	150	100	1 250	1 330	6 364	7 694
Malaysia	3 346	2 282	0	22	24 380	14 768	27 726	17 072
Maldives	13	17					13	17
Mali	4 731	6 059			413	899	5 143	6 958
Malta	0	0	0	0	0	0	0	0
Marshall Islands								
Mauritania	1 428	2 380			6	32	1 434	2 412
Mauritius	10	4	5	1	3	0	18	6
Mexico	37 561	38 181	7 291	7 825	814	1 719	45 666	47 725
Micronesia (Federated States of)	2	3					2	3
Mongolia	553	736	87	160	4	2	644	898
Montenegro		195		714		142		1 051
Morocco	6 969	6 522	207	71	362	384	7 538	6 977
Mozambique	16 724	16 724	57	10	1 262	1 974	18 043	18 708
Myanmar	34 471	38 288		360	3 612	4 000	38 083	42 648
Namibia	921	1 960					921	1 960
Nauru								
Nepal	12 763	11 314	0	0	1 260	1 300	14 023	12 614
Netherlands (Kingdom of the)	160	2 361	645	449	234	166	1 039	2 976
New Zealand	50	50	19 225	32 196	54	300	19 329	32 546
Nicaragua	5 756	6 185	173	67	55	21	5 984	6 273
Niger	7 805	12 818			579	701	8 384	13 519

TABLE 29.
PRODUCTION OF ROUNDWOOD BY TYPE (THOUSAND M³) (CONTINUED)

COUNTRY	WOOD FUEL		INDUSTRIAL ROUNDWOOD, CONIFEROUS		INDUSTRIAL ROUNDWOOD, NON-CONIFEROUS		ROUNDWOOD	
	2000	2023	2000	2023	2000	2023	2000	2023
Nigeria	59 349	67 987			9 418	10 022	68 767	78 009
North Macedonia	875	544	68	86	109	68	1 052	698
Norway	678	1 875	7 417	10 699	61	295	8 156	12 870
Oman	26	55					26	55
Pakistan	30 880	28 524	1 510	1 542	1 170	2 518	33 560	32 584
Palau								
Panama	1 280	937	3	7	44	400	1 327	1 344
Papua New Guinea	5 533	5 533	50	40	2 259	4 032	7 842	9 605
Paraguay	5 551	8 061			4 044	4 044	9 595	12 105
Peru	7 777	6 581	10	0	1 501	1 579	9 288	8 161
Philippines	13 615	10 976	0	40	3 079	3 813	16 694	14 828
Poland	2 464	6 977	19 164	29 839	6 031	5 969	27 659	42 785
Portugal	600	2 474	4 982	2 578	5 249	8 643	10 831	13 695
Qatar	4	5					4	5
Republic of Korea	2 449	1 319	1 095	2 163	497	1 047	4 041	4 529
Republic of Moldova	241	506	0	1	81	60	321	567
Romania	3 032	6 574	4 587	4 928	5 530	5 975	13 148	17 476
Russian Federation	12 526	15 109	97 221	142 257	48 354	36 025	158 101	193 391
Rwanda	5 000	5 000	50	98	350	1 114	5 400	6 212
Saint Kitts and Nevis								
Saint Lucia	9	9					9	9
Saint Vincent and the Grenadines	8	7					8	7
Samoa	70	70			18	6	88	76
San Marino								
Sao Tome and Principe	96	117	3	3	10	24	109	144
Saudi Arabia	179	336					179	336
Senegal	5 114	5 677			794	816	5 908	6 493
Serbia		6 107		271		1 231		7 609
Seychelles	4	3		0	8	10	12	13
Sierra Leone	5 358	6 191			124	330	5 481	6 521
Singapore	38	27					38	27
Slovakia	277	530	3 062	3 476	2 824	3 095	6 163	7 101
Slovenia	532	1 449	1 209	2 022	512	912	2 253	4 383
Solomon Islands	138	137	0	0	566	3 200	704	3 337
Somalia	9 228	17 779			110	110	9 338	17 889
South Africa	12 000	12 650	8 853	6 754	10 106	9 453	30 959	28 857
South Sudan		4 750						4 750
Spain	1 600	3 426	7 794	10 029	4 927	6 247	14 321	19 702
Sri Lanka	5 907	4 229	0	0	689	693	6 596	4 921
Sudan		15 583		0		1 157		16 740
Suriname	43	88	1	0	180	455	224	543
Sweden	5 900	6 000	54 060	61 450	3 340	4 750	63 300	72 200
Switzerland	1 626	1 939	6 793	2 576	819	430	9 238	4 945

TABLE 29.
PRODUCTION OF ROUNDWOOD BY TYPE (THOUSAND M³) (CONTINUED)

COUNTRY	WOOD FUEL		INDUSTRIAL ROUNDWOOD, CONIFEROUS		INDUSTRIAL ROUNDWOOD, NON-CONIFEROUS		ROUNDWOOD	
	2000	2023	2000	2023	2000	2023	2000	2023
Syrian Arab Republic	16	39	12	12	23	28	50	79
Tajikistan	0	3 674	0	0	0	0	0	3 674
Thailand	20 553	18 166			6 262	14 600	26 815	32 766
Timor-Leste	179	68					179	68
Togo	5 499	6 737			306	372	5 805	7 109
Tonga	2	2	1	1	1	1	4	4
Trinidad and Tobago	37	29	10	5	62	162	109	196
Tunisia	2 094	2 724	54	177	160	127	2 308	3 028
Türkiye	5 510	5 167	5 755	16 000	4 674	6 551	15 939	27 717
Türkmenistan	3	10	0	0	0	0	3	10
Tuvalu								
Uganda	34 090	45 990	269	935	2 906	4 395	37 265	51 320
Ukraine	4 058	8 612	4 038	5 150	1 763	1 490	9 859	15 252
United Arab Emirates	16	19					16	19
United Kingdom of Great Britain and Northern Ireland	229	2 282	7 114	7 122	442	102	7 785	9 506
United Republic of Tanzania	20 787	26 218	514	1 074	1 800	1 764	23 101	29 057
United States of America	45 930	66 026	282 340	273 929	138 279	72 336	466 549	412 291
Uruguay	1 423	2 307	263	2 355	1 248	15 174	2 934	19 836
Uzbekistan	24	11	0	0	5	6	29	17
Vanuatu	91	91	0	10	40	28	131	129
Venezuela (Bolivarian Republic of)	3 605	4 427	481	425	622	892	4 708	5 744
Viet Nam	26 686	20 000	184	1 300	5 550	44 035	32 420	65 335
Yemen	302	670				3	302	672
Zambia	16 749	23 033	300	892	528	1 800	17 577	25 725
Zimbabwe	8 115	9 618	910	492	68	34	9 094	10 144

Source: FAO. 2024. FAOSTAT: Forestry Production and Trade. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/FO>. Licence: CC-BY-4.0.

TABLE 30.
PRODUCTION OF SELECTED FOREST PRODUCTS, 2023

COUNTRY	PAPER AND PAPERBOARD	RECOVERED PAPER	WOOD PULP	WOOD CHARCOAL	WOOD PELLETS, BRIQUETTES AND OTHER AGGLOMERATES	SAWNWOOD	WOOD-BASED PANELS
	MILLION TONNES					MILLION M ³	
World	400 885	232 397	192 649	58 792	50 755	444 597	381 449
Africa	3 273	2 223	2 184	38 179	113	12 378	3 675
Americas	92 039	55 946	96 329	9 993	15 103	145 922	62 269
Asia	213 930	114 329	48 432	10 034	8 397	121 700	227 168
Europe	88 197	56 857	43 683	542	26 966	156 071	85 589
Oceania	3 446	3 041	2 021	44	175	8 526	2 749
Afghanistan				161		230	0
Albania	18	5	0	0	40	109	0
Algeria	64	95		791		13	46
Andorra						0	0
Angola			0	444		46	10
Antigua and Barbuda						0	0
Argentina	1 928	1 063	676	486	62	3 854	1 233
Armenia	28	0	0	0	0	0	0
Australia	2 958	2 693	1 097	24	100	4 257	1 741
Austria	3 900	1 732	1 733	1	1 774	9 372	2 640
Azerbaijan	51	0	0	5	0	0	2
Bahamas		1		1		1	0
Bahrain	12	80		1		0	0
Bangladesh	58		47	343		972	15
Barbados	2	1		0		2	0
Belarus	357	294	291	5	665	4 593	4 733
Belgium	1 777	1 477	323	0	647	1 450	1 997
Belize		0		1		15	1
Benin		1		49	10	154	2
Bhutan	10			9		22	41
Bolivia (Plurinational State of)	0			48	5	407	36
Bosnia and Herzegovina	130	25	83	19	208	1 380	66
Botswana		10		75		0	0
Brazil	10 836	4 296	25 322	7 151	921	9 743	12 566
Brunei Darussalam		13		0	0	28	5
Bulgaria	394	110	210	3	227	695	1 453
Burkina Faso	1			820		5	0
Burundi				386		34	0
Cabo Verde				1		0	0
Cambodia	0	20		40		100	452
Cameroon			0	551		1 372	23
Canada	8 138	2 754	13 180		3 600	35 076	11 136
Central African Republic				239		41	2
Chad				554		3	0
Chile	1 292	299	5 329	236	236	6 887	2 796
China	133 700	70 900	24 571	2 436	893	57 031	165 841

TABLE 30.
PRODUCTION OF SELECTED FOREST PRODUCTS, 2023 (CONTINUED)

COUNTRY	PAPER AND PAPERBOARD	RECOVERED PAPER	WOOD PULP	WOOD CHARCOAL	WOOD PELLETS, BRIQUETTES AND OTHER AGGLOMERATES	SAWNWOOD	WOOD-BASED PANELS
	MILLION TONNES					MILLION M ³	
Colombia	1 204	773	228	102		205	316
Comoros				54		1	0
Congo	3			6		403	8
Costa Rica	250	110		14	22	269	47
Côte d'Ivoire		6		573		774	175
Croatia	337	45	40	9	397	984	258
Cuba	16	28		150		130	149
Cyprus	0	54	0	1	0	1	0
Czechia	784	930	696	6	603	4 421	1 908
Democratic People's Republic of Korea	80		56	174		279	0
Democratic Republic of the Congo	3			3 066		401	1
Denmark	152	590	5	0	180	387	349
Djibouti				58		0	0
Dominica				0		0	0
Dominican Republic	130	130		25		26	0
Ecuador	245	183		49	230	284	821
Egypt	710	380	41	1 511	25	12	52
El Salvador	115	5		24		16	0
Equatorial Guinea				12		80	3
Eritrea				142		0	0
Estonia	25	95	156	0	1 403	1 550	239
Eswatini	49	6	0	57		330	53
Ethiopia	78	3		5 067		79	248
Fiji		3		3		130	11
Finland	6 290	470	9 630	0	354	10 473	967
France	6 134	6 486	1 372	50	2 330	7 900	4 338
Gabon				25		1 033	150
Gambia				76		46	0
Georgia	50	11	0	0		47	10
Germany	18 640	12 814	1 930	30	4 373	23 800	10 888
Ghana		3		2 335	2	525	145
Greece	321	390	0	0	59	66	373
Grenada						0	0
Guatemala	31	115		15	86	404	35
Guinea				453		31	21
Guinea-Bissau				86		16	0
Guyana				25		101	15
Haiti		1		41		6	0
Honduras	27	60	0	0	0	284	23
Hungary	864	500	51	0	16	400	1 153
Iceland	0	25	0	0	0	0	0

TABLE 30.
PRODUCTION OF SELECTED FOREST PRODUCTS, 2023 (CONTINUED)

COUNTRY	PAPER AND PAPERBOARD	RECOVERED PAPER	WOOD PULP	WOOD CHARCOAL	WOOD PELLETS, BRIQUETTES AND OTHER AGGLOMERATES	SAWNWOOD	WOOD-BASED PANELS
	MILLION TONNES					MILLION M ³	
India	16 798	3 700	3 362	2 880		23 975	15 386
Indonesia	11 953	3 233	10 071	664	640	2 299	5 283
Iran (Islamic Republic of)	766	80	212	0		21	3 016
Iraq	13	350		23		12	5
Ireland	60	415	0	0	38	1 014	808
Israel	403	305	0	0		0	123
Italy	7 496	5 022	148	10	450	900	4 042
Jamaica	0	12		11		66	0
Japan	21 998	17 125	7 369	14	156	7 962	4 091
Jordan	54	100		54		0	0
Kazakhstan	249	38	1	3	0	210	334
Kenya	0	38	0	1 460		279	82
Kiribati				0		0	0
Kuwait	67	170		3		0	0
Kyrgyzstan	1	0	0	0	0	150	0
Lao People's Democratic Republic	1 010	216	323	205		505	51
Latvia	29	90	12	6	2 170	3 822	1 429
Lebanon	103	26		3		9	46
Lesotho		3		120		7	0
Liberia				369		133	0
Libya	6	40		120		31	0
Lithuania	154	189	0	0	695	1 554	1 013
Luxembourg	0	65	0	0	63	78	485
Madagascar	33	1		1 622		76	5
Malawi		1		661		103	57
Malaysia	1 750	1 200	131	30	985	1 890	2 693
Maldives				1		0	0
Mali		31		196		140	50
Malta	0	17	0	0	0	0	0
Marshall Islands						0	0
Mauritania	1			253		14	1
Mauritius	0	10	0	0	0	1	0
Mexico	6 218	4 516	85	100	4	6 822	1 025
Micronesia (Federated States of)				0		0	0
Mongolia				18	20	19	1
Montenegro	2	0	0	0	99	230	1
Morocco	156	140	70	123	5	55	103
Mozambique	2	13		771		562	1
Myanmar	229	300		570		1 670	160
Namibia		20		328	1	1	1
Nauru						0	0
Nepal	13	38		96		630	10

TABLE 30.
PRODUCTION OF SELECTED FOREST PRODUCTS, 2023 (CONTINUED)

COUNTRY	PAPER AND PAPERBOARD	RECOVERED PAPER	WOOD PULP	WOOD CHARCOAL	WOOD PELLETS, BRIQUETTES AND OTHER AGGLOMERATES	SAWNWOOD	WOOD-BASED PANELS
	MILLION TONNES					MILLION M ³	
Netherlands (Kingdom of the)	2 222	2 111	37	0	284	149	29
New Zealand	488	341	924	0	75	3 724	933
Nicaragua		35		16		60	10
Niger				866		4	0
Nigeria	0	20	23	4 988		2 002	96
North Macedonia	31	23	0	0	0	6	0
Norway	1 025	533	737	0	188	2 490	375
Oman	4	86		8		0	0
Pakistan	792	163	82	96		1 381	334
Palau						0	0
Panama	0	26		5		26	4
Papua New Guinea		0		7		340	64
Paraguay	67	30		430		560	85
Peru	460	72	0	22		944	0
Philippines	755	912	0	89		490	356
Poland	4 636	3 400	1 545	89	1 444	4 206	10 387
Portugal	1 830	970	2 714	7	558	945	1 252
Qatar	3	15		1		0	0
Republic of Korea	10 245	7 705	468	5	720	1 973	2 183
Republic of Moldova	9	0	0	1	22	19	5
Romania	606	600	0	0	666	4 100	3 627
Russian Federation	9 170	3 450	8 553	55	1 636	37 530	16 922
Rwanda				48		135	0
Saint Kitts and Nevis						0	0
Saint Lucia		1		0		0	0
Saint Vincent and the Grenadines				0		0	0
Samoa				1		1	0
San Marino						0	0
Sao Tome and Principe				10		12	0
Saudi Arabia	1 186	1 000		55		0	0
Senegal	0	0		300		31	0
Serbia	514	161	0	18	401	421	239
Seychelles	0	0	0	0		0	0
Sierra Leone				516		32	0
Singapore	87	1 136		4		1	2
Slovakia	884	310	594	4	332	1 368	842
Slovenia	497	71	45	1	169	1 093	211
Solomon Islands				2		54	0
Somalia				1 574		14	0
South Africa	1 959	1 284	1 994	62	15	2 105	1 546
South Sudan				289		20	0

TABLE 30.
PRODUCTION OF SELECTED FOREST PRODUCTS, 2023 (CONTINUED)

COUNTRY	PAPER AND PAPERBOARD	RECOVERED PAPER	WOOD PULP	WOOD CHARCOAL	WOOD PELLETS, BRIQUETTES AND OTHER AGGLOMERATES	SAWNWOOD	WOOD-BASED PANELS
	MILLION TONNES					MILLION M ³	
Spain	6 045	4 249	1 120	97	1 047	3 308	4 712
Sri Lanka	25	170	3	2		61	156
Sudan	4	6		588		11	0
Suriname		1		9		89	2
Sweden	7 492	897	11 351	2	1 738	17 900	708
Switzerland	1 168	1 176	87	0	324	1 248	506
Syrian Arab Republic	75			3		9	17
Tajikistan	0		0			0	0
Thailand	5 325	3 018	1 126	1 591	220	5 000	10 172
Timor-Leste				0		0	0
Togo		1		308		150	1
Tonga				0		1	0
Trinidad and Tobago	15	7		2		31	0
Tunisia	163	40		220	9	24	113
Türkiye	2 851	1 534	70	1	23	9 425	12 944
Turkmenistan	0	0	0	0	0	0	0
Tuvalu						0	0
Uganda	0			1 294		440	270
Ukraine	982	725	0	124	1 051	3 201	3 420
United Arab Emirates	304	500		3		0	0
United Kingdom of Great Britain and Northern Ireland	3 225	6 396	220	5	313	2 908	3 216
United Republic of Tanzania	40	2	56	2 337		240	204
United States of America	60 674	41 151	47 982	852	9 932	77 872	31 395
Uruguay	54	70	3 510	117	4	758	264
Uzbekistan	103	10	1	1	0	195	299
Vanuatu				1		14	0
Venezuela (Bolivarian Republic of)	336	201	18	20		950	310
Viet Nam	2 779	120	540	414	4 740	5 100	3 140
Yemen	0	1		25		0	0
Zambia	1			1 296	46	245	21
Zimbabwe	0	70		12		113	184

Source: FAO, 2024. FAOSTAT: Forestry Production and Trade. [Accessed on 28 October 2025].

<https://www.fao.org/faostat/en/#data/FO>. Licence: CC-BY-4.0.

TABLE 31.
FOOD EXPORTS, 2023 (USD MILLION)

COUNTRY	FOOD EXCLUDING AQUATIC ANIMAL FOODS								AQUATIC ANIMAL FOODS	ALL FOOD
	FRUIT AND VEGETABLES	CEREALS AND PREPARATIONS	MEAT AND MEAT PREPARATIONS	BEVERAGES	FATS AND OILS (EXCLUDING BUTTER)	DAIRY PRODUCTS AND EGGS	SUGAR AND HONEY	OTHER FOOD		
World	334 334	277 439	188 269	135 102	132 875	106 385	69 110	389 104	171 683	1 804 302
Africa	21 519	4 655	804	2 029	3 978	801	3 429	22 102	7 506	66 822
Americas	94 332	82 326	67 077	22 812	22 787	10 079	25 236	148 629	35 148	508 427
Asia	90 810	50 916	16 255	17 014	55 467	7 308	17 614	67 458	58 797	381 639
Europe	121 051	123 870	86 647	89 835	48 507	74 267	21 235	143 347	66 653	775 411
Oceania	6 622	15 671	17 486	3 413	2 137	13 930	1 597	7 567	3 579	72 002
Afghanistan	760	2	0	19	0	0	1	97	0	878
Albania	159	15	0	15	25	7	0	15	124	360
Algeria	133	20	0	12	13	1	94	8	31	313
Andorra									0	
Angola	12	0	0	14	0	0	2	4	67	99
Antigua and Barbuda	0	0	0	3	0	0	0	1	3	7
Argentina	2 686	9 296	3 112	728	5 300	927	307	1 564	1 693	25 612
Armenia	154	5	11	377	0	21	3	76	59	706
Australia	3 914	14 074	11 905	1 692	1 083	1 969	1 153	5 912	898	42 600
Austria	1 885	2 352	2 322	3 963	390	1 843	361	3 093	149	16 358
Azerbaijan	760	10	2	60	21	20	25	27	2	928
Bahamas	4	0	0	1	0	0	0	0	68	74
Bahrain	25	164	8	33	3	505	3	146	47	934
Bangladesh	89	104	2	39	80	2	10	82	368	776
Barbados	3	21	1	63	17	0	3	4	1	114
Belarus	174	28	754	18	483	344	24	42	368	2 234
Belgium	13 077	7 286	5 382	4 696	2 670	5 526	1 746	11 700	1 221	53 302
Belize	58	3	0	4	2	0	95	4	20	186
Benin	194	4	0	2	21	2	1	67	0	292
Bhutan	11	0	0	10	0	0	0	3	0	24
Bolivia (Plurinational State of)	215	73	199	1	692	39	61	330	0	1 610
Bosnia and Herzegovina	76	92	62	52	72	73	11	55	23	514
Botswana	6	6	24	2	1	0	0	53	2	94
Brazil	4 765	15 465	23 253	272	3 324	261	16 067	63 770	331	127 508
Brunei Darussalam	0	1	0	0	0	1	0	1	14	18
Bulgaria	534	2 777	389	159	918	242	346	1 830	96	7 292
Burkina Faso	234	4	0	9	28	0	0	72	0	348
Burundi	0	0		0				57	0	57
Cabo Verde	0	1	0	1	0	0	0	0	53	56
Cambodia	559	466	0	2	53	0	103	21	73	1 276
Cameroon	147	4		6	1	1	2	801	4	966
Canada	10 294	19 097	7 715	1 496	6 244	417	1 376	15 331	5 623	67 594
Central African Republic				0	0			14	0	15
Chad	0	0	0	0	0		0	163	0	164
Chile	8 972	456	814	1 422	181	109	33	461	7 727	20 174

TABLE 31.
FOOD EXPORTS, 2023 (USD MILLION) (CONTINUED)

COUNTRY	FOOD EXCLUDING AQUATIC ANIMAL FOODS								AQUATIC ANIMAL FOODS	ALL FOOD
	FRUIT AND VEGETABLES	CEREALS AND PREPARATIONS	MEAT AND MEAT PREPARATIONS	BEVERAGES	FATS AND OILS (EXCLUDING BUTTER)	DAIRY PRODUCTS AND EGGS	SUGAR AND HONEY	OTHER FOOD		
China	29 939	3 914	3 734	4 604	1 042	810	3 481	17 651	21 468	86 644
Colombia	1 564	300	119	61	784	25	744	3 849	185	7 630
Comoros	0	0		0	0			63	0	63
Congo	2	0	0	0	0	0	3	32	5	42
Costa Rica	3 257	220	171	97	311	128	98	1 400	160	5 843
Côte d'Ivoire	1 545	74	0	8	326	8	10	5 380	105	7 456
Croatia	358	758	284	280	106	121	143	1 228	362	3 641
Cuba	1	0	0	82	0		127	7	48	266
Cyprus	117	6	6	25	6	349	0	13	27	548
Czechia	667	2 365	638	885	609	1 393	674	2 852	264	10 346
Democratic People's Republic of Korea	1	0		0	0		0	0	3	5
Democratic Republic of the Congo	3	2	0	1	0	0	0	132	0	138
Denmark	729	1 983	4 615	1 340	704	3 230	436	3 749	4 738	21 524
Djibouti	124	337	0	26	1 012	20	403	56	11	1 989
Dominica	7	0	0	0	0	0	0	1	0	9
Dominican Republic	579	197	8	185	49	6	156	340	11	1 531
Ecuador	3 897	45	0	8	155	0	41	1 339	8 895	14 379
Egypt	4 875	770	12	34	251	239	634	901	28	7 742
El Salvador	84	288	9	169	27	51	326	285	108	1 346
Equatorial Guinea	0	0	0	0	0	0	0	1	0	2
Eritrea	0	1	0	1	0			0	0	3
Estonia	96	417	174	162	120	332	13	439	217	1 970
Eswatini	54	18	4	16	0	1	477	28	0	598
Ethiopia	510	31	63	3	2	0	0	1 671	0	2 279
Fiji	28	67	11	168	9	9	71	20	79	462
Finland	80	323	194	272	36	537	88	284	267	2 080
France	8 039	15 781	5 299	21 119	2 300	8 488	2 933	12 324	2 151	78 434
Gabon	0	0	0	3	105	0	0	0	2	110
Gambia	8	6	0	10	2	1	5	27	3	61
Georgia	269	23	35	706	5	6	4	180	7	1 234
Germany	7 827	14 506	10 880	7 197	4 032	12 878	4 019	22 845	2 558	86 741
Ghana	440	72	0	71	188	16	3	2 020	197	3 006
Greece	3 539	920	237	366	1 580	1 423	105	693	1 036	9 900
Grenada	1	6	0	3			0	6	3	19
Guatemala	2 174	402	88	273	1 046	15	783	1 785	112	6 677
Guinea	66	0		1	2	0	0	217	24	310
Guinea-Bissau	68	1			0			1	18	87
Guyana	11	242	0	60	1	0	31	4	55	403
Haiti	2	1		10	1	0	0	8	7	29
Honduras	891	191	21	38	591	39	104	1 501	377	3 753
Hungary	1 261	2 222	1 932	575	1 116	544	536	2 712	23	10 920

TABLE 31.
FOOD EXPORTS, 2023 (USD MILLION) (CONTINUED)

COUNTRY	FOOD EXCLUDING AQUATIC ANIMAL FOODS								AQUATIC ANIMAL FOODS	ALL FOOD
	FRUIT AND VEGETABLES	CEREALS AND PREPARATIONS	MEAT AND MEAT PREPARATIONS	BEVERAGES	FATS AND OILS (EXCLUDING BUTTER)	DAIRY PRODUCTS AND EGGS	SUGAR AND HONEY	OTHER FOOD		
Iceland	3	0	14	35	11	9	0	31	2 403	2 507
India	5 799	12 216	3 652	314	1 743	389	4 445	6 599	7 016	42 175
Indonesia	1 328	1 151	24	136	27 820	54	516	5 505	4 935	41 468
Iran (Islamic Republic of)	1 496	51	6	9	9	114	15	465	320	2 485
Iraq	126	2	0	16	104	0	5	3	0	257
Ireland	387	2 629	4 948	2 056	123	4 291	167	1 886	597	17 083
Israel	1 499	139	50	85	38	10	29	389	13	2 252
Italy	12 435	9 653	4 173	12 699	3 572	6 067	658	11 809	1 018	62 084
Jamaica	100	38	21	166	9	13	9	90	15	459
Japan	511	815	452	1 347	128	110	159	2 120	2 139	7 781
Jordan	628	128	119	21	9	79	35	488	6	1 513
Kazakhstan	234	2 851	166	203	424	58	52	778	93	4 858
Kenya	599	90	140	53	221	5	62	1 819	47	3 036
Kiribati	0			0	1			0	188	189
Kuwait	68	87	52	34	1	133	12	50	1	439
Kyrgyzstan	164	32	6	14	1	31	7	73	27	356
Lao People's Democratic Republic	890	151	1	9	0	0	40	209	0	1 301
Latvia	420	1 096	234	1 308	100	510	37	655	304	4 664
Lebanon	254	55	24	71	42	2	15	183	2	649
Lesotho	5	17	0	3	0	0	0	0	9	34
Liberia	0	0	0	1	32		0	4	0	37
Libya	11	0	0	0	1	0	0	0	36	49
Lithuania	580	1 639	403	677	90	784	240	1 354	690	6 457
Luxembourg	170	167	59	173	4	721	2	300	18	1 615
Madagascar	130	0	0	4	3	0	6	578	160	880
Malawi	146	7	6	1	2	2	43	126	0	332
Malaysia	910	1 906	253	619	15 880	413	349	4 236	851	25 417
Maldives	0	0	0	0				0	153	153
Mali	28	3	0	0	0	0	0	169	0	201
Malta	0	33	0	8	0	1	0	89	211	342
Marshall Islands									77	
Mauritania	16	0				0		20	688	725
Mauritius	6	50	0	18	7	4	240	16	357	699
Mexico	20 616	3 850	2 949	11 421	541	211	1 745	3 724	961	46 018
Micronesia (Federated States of)									196	
Mongolia	135	0	136	1	2	0	0	54	0	328
Montenegro	9	1	33	45	2	0	1	5	0	97
Morocco	3 889	54	3	34	122	48	433	265	2 529	7 377
Mozambique	350	27	0	12	17	0	28	232	58	724
Myanmar	1 908	1 229	2	3	2	0	58	199	650	4 050
Namibia	67	14	79	20	1	3	4	92	744	1 024

TABLE 31.
FOOD EXPORTS, 2023 (USD MILLION) (CONTINUED)

COUNTRY	FOOD EXCLUDING AQUATIC ANIMAL FOODS								AQUATIC ANIMAL FOODS	ALL FOOD
	FRUIT AND VEGETABLES	CEREALS AND PREPARATIONS	MEAT AND MEAT PREPARATIONS	BEVERAGES	FATS AND OILS (EXCLUDING BUTTER)	DAIRY PRODUCTS AND EGGS	SUGAR AND HONEY	OTHER FOOD		
Nauru	0		0	0		0	0	0	169	169
Nepal	5	8	0	58	74	1	1	110	0	257
Netherlands (Kingdom of the)	28 277	8 072	14 163	7 614	5 968	12 854	2 381	20 281	6 638	106 248
New Zealand	2 668	1 530	5 570	1 553	135	11 952	372	1 255	1 223	26 257
Nicaragua	397	15	726	73	104	276	233	655	264	2 743
Niger	20	1	0	1	3	0	2	7	0	34
Nigeria	203	10	0	19	14	5	13	1 236	55	1 555
North Macedonia	228	105	31	82	9	4	10	76	8	551
Norway	31	81	31	114	98	12	6	374	15 493	16 238
Oman	142	342	87	20	211	416	25	395	350	1 988
Pakistan	618	3 318	479	2	34	41	318	723	470	6 003
Palau									0	
Panama	178	4	28	26	59	16	28	41	133	512
Papua New Guinea	1	1	0	0	859	0	0	356	383	1 601
Paraguay	89	1 265	1 634	2	628	59	48	3 640	0	7 365
Peru	6 956	442	1	50	205	53	124	1 751	1 709	11 291
Philippines	2 611	267	21	29	1 263	18	60	254	815	5 339
Poland	5 812	9 020	10 361	1 533	1 284	3 858	1 561	8 290	3 377	45 095
Portugal	2 402	827	375	1 486	1 664	514	322	1 072	1 424	10 087
Qatar	4	1	1	1	3	1	0	36	1	49
Republic of Korea	1 022	793	37	751	65	38	239	2 159	2 017	7 121
Republic of Moldova	382	429	5	208	248	7	19	322	0	1 620
Romania	372	4 951	612	403	458	292	213	3 410	47	10 759
Russian Federation	1 840	11 880	1 015	350	5 217	258	549	2 946	5 171	29 224
Rwanda	18	27	0	0	0	0	0	130	38	213
Saint Kitts and Nevis	0	0	0	9		0	0	0	1	10
Saint Lucia	1	2	0	9	0	0	0	2	0	14
Saint Vincent and the Grenadines	3	7	0	3	0		0	1	5	18
Samoa	3	0		0	4		0	0	7	14
San Marino										
Sao Tome and Principe	0	0		0	6	0		11	0	16
Saudi Arabia	863	841	305	233	302	1 054	631	375	173	4 776
Senegal	382	95	0	20	16	1	4	40	569	1 128
Serbia	1 124	839	105	507	300	111	84	814	16	3 900
Seychelles	1	0		3	0			1	525	529
Sierra Leone	3	0	0	0	9	0	0	50	6	69
Singapore	249	1 071	146	3 347	331	222	107	6 885	240	12 598
Slovakia	321	1 339	382	271	174	420	380	1 756	21	5 065
Slovenia	460	623	510	228	110	300	90	893	69	3 283
Solomon Islands	0	0		0	42	0		13	109	165
Somalia	11	1	2	0	1	0	0	452	20	488

TABLE 31.
FOOD EXPORTS, 2023 (USD MILLION) (CONTINUED)

COUNTRY	FOOD EXCLUDING AQUATIC ANIMAL FOODS								AQUATIC ANIMAL FOODS	ALL FOOD
	FRUIT AND VEGETABLES	CEREALS AND PREPARATIONS	MEAT AND MEAT PREPARATIONS	BEVERAGES	FATS AND OILS (EXCLUDING BUTTER)	DAIRY PRODUCTS AND EGGS	SUGAR AND HONEY	OTHER FOOD		
South Africa	5 366	2 123	367	1 190	334	258	609	1 385	511	12 143
South Sudan	3	0	0		0	0	0	4	2	10
Spain	24 964	3 956	12 126	5 520	7 000	2 218	1 307	6 758	5 792	69 642
Sri Lanka	434	82	6	65	71	8	4	1 801	278	2 748
Sudan	531	3	31	0	18	0	1	1 403	1	1 987
Suriname	1	23	4	30	0		0	3	64	126
Sweden	458	1 257	332	949	763	585	294	1 792	5 845	12 274
Switzerland	104	892	100	1 724	72	830	244	5 942	7	9 915
Syrian Arab Republic	301	34	0	1	275	22	11	117	0	761
Tajikistan	52	4		9	0	0	0	1	0	66
Thailand	12 462	6 879	4 562	2 039	1 417	403	4 642	3 648	5 101	41 154
Timor-Leste	0	0		0	0	0		18	0	19
Togo	17	6	0	45	94	21	27	117	1	329
Tonga	4	0	0		0			0	1	4
Trinidad and Tobago	38	112	6	123	7	3	9	84	15	396
Tunisia	418	61	2	13	975	6	8	64	266	1 813
Türkiye	10 976	6 004	1 012	501	2 920	726	1 099	3 213	1 708	28 160
Turkmenistan	47	1	0	0	8	0	1	4	0	61
Tuvalu	0							0	51	51
Uganda	153	319	3	98	105	83	85	1 293	137	2 277
Ukraine	571	8 688	927	197	5 612	221	716	3 204	36	20 173
United Arab Emirates	3 240	1 222	735	812	944	1 179	807	2 751	348	12 037
United Kingdom of Great Britain and Northern Ireland	1 201	3 869	2 546	10 547	468	2 421	521	5 427	2 502	29 502
United Republic of Tanzania	640	219	57	119	16	4	4	671	164	1 893
United States of America	26 366	28 957	23 791	5 846	2 171	6 625	2 665	45 660	5 068	147 149
Uruguay	73	1 304	2 405	18	335	805	21	930	115	6 004
Uzbekistan	1 319	529	4	83	18	12	9	42	2	2 020
Vanuatu	0	0	0	0	0	0	0	5	149	155
Venezuela (Bolivarian Republic of)	51	7	4	61	4	0	0	59	95	280
Viet Nam	7 655	4 009	114	303	101	48	287	5 241	8 809	26 567
Yemen	112	5	0	1	4	8	2	33	209	374
Zambia	48	161	8	148	26	65	167	116	7	746
Zimbabwe	39	16	0	11	2	4	58	31	0	162

Sources: FAO. 2024. FAOSTAT: Trade: Crops and livestock products. [Accessed on 28 October 2025].

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TABLE 32.
FOOD NET TRADE (USD MILLION)

COUNTRY	FOOD EXCLUDING AQUATIC ANIMAL FOODS			AQUATIC ANIMAL FOODS			ALL FOOD		
	2000	2010	2023	2000	2010	2023	2000	2010	2023
World									
Africa	-7 264	-26 507	-40 267	1 791	1 308	1 755	-5 473	-25 199	-38 513
Americas	23 968	102 909	147 877	-930	-3 040	564	23 037	99 869	148 441
Asia	-46 276	-106 378	-281 157	-2 995	8 670	649	-49 271	-97 708	-280 508
Europe	-75	-14 200	43 053	-2 856	-7 461	-4 526	-2 931	-21 660	38 527
Oceania	13 321	25 539	46 975	1 278	1 048	1 596	14 599	26 587	48 572
Afghanistan	-212	-947	-1 893	0	0	-8	-212	-947	-1 901
Albania	-202	-655	-946	1	8	-13	-201	-648	-959
Algeria	-2 374	-5 328	-10 046	-8	-44	-100	-2 382	-5 372	-10 146
Andorra				-12	-19	-22			
Angola	-398	-2 156	-1 751	-6	-85	28	-404	-2 241	-1 723
Antigua and Barbuda	-30	-68	-156	-4	-6	-7	-34	-74	-163
Argentina	6 881	21 874	16 453	718	1 189	1 509	7 599	23 063	17 962
Armenia	-148	-400	-358	-1	3	37	-149	-398	-321
Australia	9 324	13 516	27 505	501	-231	-633	9 825	13 285	26 872
Austria	-328	107	172	-144	-384	-567	-472	-276	-396
Azerbaijan	-174	-475	-1 290	1	-10	-55	-174	-486	-1 345
Bahamas	-325	-389	-849	94	55	22	-232	-334	-827
Bahrain	-346	-827	-1 075	5	-1	-7	-341	-828	-1 082
Bangladesh	-1 306	-4 500	-9 050	339	524	263	-967	-3 976	-8 787
Barbados	-59	-174	-307	-10	-17	-35	-68	-192	-342
Belarus	-312	1 075	528	-52	-149	33	-365	927	561
Belgium	2 492	4 105	10 912	-535	-859	-1 049	1 956	3 246	9 864
Belize	93	55	-66	30	30	19	123	85	-47
Benin	-72	40	-882	-7	-26	-103	-79	14	-986
Bhutan	-10	-61	-186	0	-3	-9	-10	-65	-195
Bolivia (Plurinational State of)	-20	287	878	-9	-10	-17	-30	277	861
Bosnia and Herzegovina	-368	-1 112	-1 715	-9	-22	-33	-378	-1 134	-1 747
Botswana	-238	-374	-866	-10	-13	-12	-248	-387	-878
Brazil	6 353	46 949	115 846	-85	-837	-1 136	6 268	46 112	114 710
Brunei Darussalam	-148	-296	-482	-14	-25	-45	-162	-321	-527
Bulgaria	49	760	1 767	-3	-32	-70	46	728	1 697
Burkina Faso	-114	-130	-219	-1	-8	-34	-116	-138	-253
Burundi	13	29	-30	0	0	-4	13	28	-34
Cabo Verde	-70	-196	-311	1	35	45	-69	-161	-266
Cambodia	-70	-391	-842	29	37	34	-41	-354	-807
Cameroon	50	239	-606	-26	-183	-215	24	56	-821
Canada	4 133	7 834	21 740	1 482	1 708	2 613	5 615	9 542	24 353
Central African Republic	2	-34	-146	0	-4	-7	2	-38	-153
Chad	17	-96	-51	0	-1	-2	17	-97	-53
Chile	1 550	4 847	4 423	1 530	2 705	7 441	3 080	7 551	11 864
China	-4 565	-41 048	-157 697	2 415	7 446	-3 104	-2 150	-33 602	-160 801
Colombia	1 292	1 124	530	128	-62	-276	1 420	1 062	255

TABLE 32.
FOOD NET TRADE (USD MILLION) (CONTINUED)

COUNTRY	FOOD EXCLUDING AQUATIC ANIMAL FOODS			AQUATIC ANIMAL FOODS			ALL FOOD		
	2000	2010	2023	2000	2010	2023	2000	2010	2023
Comoros	-8	-55	-120	0	-1	-7	-8	-56	-126
Congo	-128	-237	-932	-19	-16	-124	-146	-253	-1 056
Costa Rica	1 092	1 868	3 090	99	56	30	1 192	1 924	3 120
Côte d'Ivoire	1 333	3 446	5 255	-3	-155	-741	1 329	3 291	4 513
Croatia	-277	-704	-1 734	11	33	68	-266	-671	-1 666
Cuba	-49	-1 061	-1 992	47	35	19	-2	-1 026	-1 972
Cyprus	-202	-693	-964	-19	-51	-87	-221	-745	-1 052
Czechia	-233	-1 535	-1 919	-51	-119	-256	-284	-1 654	-2 175
Democratic People's Republic of Korea	-410	-290	-501	75	19	-59	-334	-271	-560
Democratic Republic of the Congo	-173	-867	-1 449	-26	-112	-183	-199	-979	-1 632
Denmark	4 054	5 625	5 977	838	961	503	4 892	6 586	6 480
Djibouti	-79	-375	-26	-2	-1	-1	-81	-377	-28
Dominica	-6	-30	-60	-2	-2	-3	-8	-32	-63
Dominican Republic	-159	-445	-2 695	-50	-128	-274	-209	-572	-2 969
Ecuador	879	2 130	3 456	567	1 456	8 748	1 446	3 586	12 203
Egypt	-2 532	-7 908	-8 495	-134	-476	-589	-2 666	-8 384	-9 084
El Salvador	-2	-363	-1 536	18	33	54	16	-330	-1 483
Equatorial Guinea	-4	-130	-273	-1	-19	-24	-5	-149	-297
Eritrea	-68	-89	-137	2	0	0	-66	-90	-137
Estonia	-192	-227	-209	47	80	24	-145	-147	-185
Eswatini	114	80	240	-5	-3	-7	108	77	233
Ethiopia	22	417	-20	0	-1	-3	22	416	-22
Fiji	44	-70	-124	25	77	39	69	7	-85
Finland	-763	-2 248	-3 489	-85	-320	-323	-849	-2 568	-3 812
France	12 361	16 247	13 215	-1 859	-4 305	-5 361	10 502	11 942	7 854
Gabon	-152	-397	-471	3	-20	-60	-149	-417	-531
Gambia	-55	-146	-218	3	5	1	-52	-141	-217
Georgia	-119	-468	-358	-1	-28	-63	-120	-497	-421
Germany	-8 895	-9 832	-14 763	-1 116	-2 230	-3 548	-10 011	-12 061	-18 311
Ghana	223	-6	577	-5	-78	-17	219	-84	559
Greece	-897	-2 461	324	-28	205	297	-925	-2 256	621
Grenada	-11	-56	-124	1	3	-4	-10	-53	-127
Guatemala	874	1 736	2 139	28	31	-35	902	1 767	2 105
Guinea	-102	-325	-1 026	4	5	20	-98	-319	-1 006
Guinea-Bissau	8	-29	-83	3	3	15	11	-26	-68
Guyana	109	162	-145	50	48	49	159	210	-95
Haiti	-295	-873	-1 799	-3	-14	-39	-298	-887	-1 838
Honduras	241	585	894	183	156	360	424	741	1 254
Hungary	1 313	2 998	2 975	-17	-59	-113	1 296	2 940	2 862
Iceland	-140	-208	-599	1 021	1 575	2 301	881	1 367	1 702
India	1 345	2 195	5 941	1 405	2 452	6 851	2 750	4 647	12 792
Indonesia	850	12 377	16 037	1 531	2 302	4 419	2 381	14 680	20 456
Iran (Islamic Republic of)	-1 619	-2 423	-5 743	44	123	270	-1 575	-2 299	-5 473

TABLE 32.
FOOD NET TRADE (USD MILLION) (CONTINUED)

COUNTRY	FOOD EXCLUDING AQUATIC ANIMAL FOODS			AQUATIC ANIMAL FOODS			ALL FOOD		
	2000	2010	2023	2000	2010	2023	2000	2010	2023
Iraq	-1 860	-5 912	-13 692	0	-45	-123	-1 859	-5 957	-13 815
Ireland	3 792	3 214	5 637	209	271	209	4 002	3 486	5 846
Israel	-818	-1 835	-4 406	-118	-287	-774	-937	-2 122	-5 180
Italy	-1 166	-267	9 379	-2 106	-4 578	-6 869	-3 272	-4 845	2 510
Jamaica	-104	-466	-850	-41	-80	-129	-146	-546	-979
Japan	-26 736	-38 703	-44 170	-14 413	-12 269	-10 670	-41 149	-50 972	-54 840
Jordan	-535	-1 219	-3 146	-19	-73	-126	-554	-1 292	-3 272
Kazakhstan	192	-844	-530	-7	39	-115	185	-805	-645
Kenya	385	822	-320	35	56	35	420	878	-284
Kiribati	-9	-23	-58	5	28	186	-4	5	128
Kuwait	-1 100	-2 074	-5 140	-20	-87	-259	-1 120	-2 160	-5 399
Kyrgyzstan	-46	-341	-655	-2	-9	15	-48	-350	-639
Lao People's Democratic Republic	-25	-181	62	-1	-1	-8	-26	-182	55
Latvia	-416	-117	139	13	34	29	-404	-82	168
Lebanon	-809	-1 881	-1 998	-41	-110	-87	-850	-1 991	-2 085
Lesotho	-115	-166	-376	-8	-3	3	-122	-169	-374
Liberia	-80	-242	-431	-3	-4	-21	-83	-246	-452
Libya	-1 002	-2 009	-3 652	3	-64	-239	-999	-2 074	-3 891
Lithuania	-74	404	1 185	-20	33	52	-95	437	1 237
Luxembourg	-385	-926	-1 189	-43	-81	-121	-428	-1 007	-1 310
Madagascar	-5	-160	-40	31	87	120	26	-72	80
Malawi	44	42	111	0	-1	-2	43	40	109
Malaysia	1 538	8 054	6 677	47	38	-516	1 585	8 092	6 161
Maldives	-72	-220	-631	40	59	118	-33	-161	-513
Mali	23	-247	-627	-1	-12	-69	22	-259	-696
Malta	-187	-359	-681	-8	51	-23	-195	-308	-705
Marshall Islands				2	50	65			
Mauritania	-135	-300	-1 135	87	199	684	-48	-101	-451
Mauritius	-2	-243	-666	-4	96	69	-6	-147	-597
Mexico	-754	-935	12 678	597	188	-85	-157	-748	12 593
Micronesia (Federated States of)				25	23	190			
Mongolia	-69	-262	-435	0	-3	-10	-69	-264	-445
Montenegro		-415	-787	0	-12	-34		-427	-821
Morocco	-788	-1 668	-3 393	934	1 209	2 193	146	-458	-1 200
Mozambique	-177	-484	-940	91	21	-52	-86	-463	-992
Myanmar	84	406	2 024	183	475	641	267	881	2 665
Namibia	-97	22	-552	256	713	700	159	734	147
Nauru	-2	-2	-15	0	-1	169	-2	-3	154
Nepal	-162	-357	-1 463	0	-2	-9	-163	-359	-1 473
Netherlands (Kingdom of the)	6 337	17 529	27 735	217	440	1 240	6 554	17 968	28 975
New Zealand	4 097	12 666	20 566	596	917	1 003	4 693	13 583	21 569
Nicaragua	152	667	1 116	129	151	246	282	817	1 362
Niger	-26	-144	-559	1	-1	-6	-24	-145	-564

TABLE 32.
FOOD NET TRADE (USD MILLION) (CONTINUED)

COUNTRY	FOOD EXCLUDING AQUATIC ANIMAL FOODS			AQUATIC ANIMAL FOODS			ALL FOOD		
	2000	2010	2023	2000	2010	2023	2000	2010	2023
Nigeria	-815	-4 503	-4 754	-168	-768	-716	-983	-5 272	-5 470
North Macedonia	-80	-194	-582	-7	-17	-26	-87	-211	-609
Norway	-1 237	-4 036	-5 860	3 017	8 175	14 880	1 781	4 139	9 021
Oman	-401	-1 462	-3 010	46	92	254	-355	-1 370	-2 756
Pakistan	-751	-444	-2 272	149	258	465	-602	-186	-1 807
Palau				0	-1	-1			
Panama	-56	-610	-1 584	231	150	38	175	-460	-1 547
Papua New Guinea	154	319	285	47	101	343	200	420	628
Paraguay	229	2 961	6 366	-2	-6	-11	228	2 955	6 355
Peru	-166	513	4 432	153	475	1 421	-13	987	5 853
Philippines	-713	-2 019	-10 241	328	511	-32	-385	-1 509	-10 273
Poland	-22	3 874	16 846	-59	-129	-98	-80	3 745	16 748
Portugal	-1 800	-3 766	-4 453	-572	-888	-1 297	-2 373	-4 654	-5 750
Qatar	-338	-1 720	-3 143	-4	-53	-138	-341	-1 773	-3 280
Republic of Korea	-4 249	-10 697	-22 497	46	-1 466	-3 753	-4 203	-12 163	-26 250
Republic of Moldova	183	266	628	-3	-41	-95	180	224	533
Romania	-399	-643	-1 307	-17	-161	-443	-416	-804	-1 750
Russian Federation	-4 835	-23 346	1 441	1 341	502	2 662	-3 495	-22 844	4 103
Rwanda	-13	-58	-455	0	-4	-31	-13	-62	-486
Saint Kitts and Nevis	-24	-39	-44	-2	-3	-4	-26	-43	-48
Saint Lucia	-46	-74	-126	-5	-7	-10	-51	-81	-137
Saint Vincent and the Grenadines	6	-52	-149	0	-1	2	6	-53	-147
Samoa	-17	-60	-107	-1	7	-1	-18	-53	-109
San Marino									
Sao Tome and Principe	-5	-26	-40	0	0	0	-5	-26	-40
Saudi Arabia	-4 389	-12 191	-20 115	-96	-227	-502	-4 485	-12 418	-20 617
Senegal	-241	-915	-2 542	258	232	507	17	-683	-2 035
Serbia		1 214	1 018	0	-62	-132		1 152	886
Seychelles	-47	-75	-212	103	178	389	55	103	176
Sierra Leone	-104	-137	-415	10	4	-4	-94	-133	-420
Singapore	-1 310	-2 479	-706	-86	-623	-920	-1 396	-3 103	-1 626
Slovakia	-223	-1 054	-1 841	-24	-68	-142	-247	-1 122	-1 983
Slovenia	-300	-867	-760	-18	-55	-100	-318	-922	-860
Solomon Islands	23	-42	-47	12	15	83	35	-27	36
Somalia	-25	-157	-1 750	2	-1	-2	-23	-159	-1 752
South Africa	810	1 598	5 793	216	256	125	1 025	1 854	5 918
South Sudan			-409	0	0	0			-409
Spain	4 726	10 120	21 612	-1 707	-3 177	-3 051	3 020	6 943	18 560
Sri Lanka	224	300	268	59	33	199	283	333	467
Sudan			-555	0	0	-1			-556
Suriname	-33	-84	-176	35	58	58	2	-26	-118
Sweden	-1 636	-4 534	-7 286	-245	-612	-702	-1 881	-5 146	-7 988
Switzerland	-2 152	-2 166	-3 342	-343	-631	-932	-2 495	-2 797	-4 274

TABLE 32.
FOOD NET TRADE (USD MILLION) (CONTINUED)

COUNTRY	FOOD EXCLUDING AQUATIC ANIMAL FOODS			AQUATIC ANIMAL FOODS			ALL FOOD		
	2000	2010	2023	2000	2010	2023	2000	2010	2023
Syrian Arab Republic	-351	-827	-832	-33	-58	-24	-384	-885	-856
Tajikistan	-99	-375	-983	0	-3	-16	-99	-378	-999
Thailand	4 028	12 846	23 399	3 639	4 861	1 139	7 666	17 707	24 538
Timor-Leste	-30	-43	-270	0	-3	-8	-30	-46	-278
Togo	-9	63	-196	-9	-20	-47	-17	43	-244
Tonga	-15	-36	-77	3	3	-3	-13	-33	-79
Trinidad and Tobago	-64	-415	-672	4	-17	-30	-60	-432	-702
Tunisia	-183	-732	-895	75	85	117	-108	-647	-778
Türkiye	1 398	4 575	7 099	52	206	1 416	1 450	4 781	8 515
Turkmenistan	-89	-289	-409	0	-4	-7	-89	-292	-416
Tuvalu	-1	-4	-9	0	12	51	-1	8	42
Uganda	68	95	1 009	29	122	127	97	217	1 137
Ukraine	696	3 845	15 331	-69	-400	-896	627	3 445	14 435
United Arab Emirates	-1 719	-6 932	-8 410	-18	-256	-479	-1 736	-7 188	-8 889
United Kingdom of Great Britain and Northern Ireland	-8 516	-23 828	-40 139	-784	-1 135	-1 770	-9 300	-24 962	-41 909
United Republic of Tanzania	10	-204	516	94	146	160	104	-58	676
United States of America	2 988	18 099	-34 271	-7 420	-10 857	-21 274	-4 431	7 242	-55 544
Uruguay	553	3 199	4 269	97	124	63	650	3 323	4 332
Uzbekistan	-225	-412	-1 845	-1	1	-30	-227	-410	-1 875
Vanuatu	-1	-22	-97	57	57	141	57	35	44
Venezuela (Bolivarian Republic of)	-1 254	-5 843	-2 829	113	-218	50	-1 141	-6 061	-2 779
Viet Nam	1 338	2 227	-5 435	1 451	4 677	6 478	2 789	6 904	1 043
Yemen	-667	-2 351	-4 923	16	220	129	-651	-2 131	-4 794
Zambia	-17	76	255	-1	-8	-160	-18	68	95
Zimbabwe	177	-908	-949	-3	-15	-21	173	-924	-970

Sources: FAO. 2024. FAOSTAT: Trade: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/TCL>.
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TABLE 33.
FOOD IMPORTS, 2023 (USD MILLION)

COUNTRY	FOOD EXCLUDING AQUATIC ANIMAL FOODS								AQUATIC ANIMAL FOODS	ALL FOOD
	FRUIT AND VEGETABLES	CEREALS AND PREPARATIONS	MEAT AND MEAT PREPARATIONS	FATS AND OILS (EXCLUDING BUTTER)	BEVERAGES	DAIRY PRODUCTS AND EGGS	SUGAR AND HONEY	OTHER FOOD		
World	353 469	300 560	189 919	142 146	139 805	111 449	74 040	404 750	171 645	1 887 782
Africa	8 724	38 251	4 996	14 553	3 559	5 769	9 972	13 759	5 751	105 335
Americas	79 036	56 953	31 476	23 098	41 133	12 074	13 591	68 040	34 585	359 986
Asia	103 782	114 048	74 949	60 992	30 378	31 043	26 757	162 050	58 149	662 147
Europe	158 366	88 040	76 883	42 445	61 916	60 662	22 775	154 619	71 179	736 884
Oceania	3 560	3 267	1 616	1 058	2 819	1 901	945	6 281	1 982	23 430
Afghanistan	336	1 386	10	486	11	37	196	310	8	2 779
Albania	163	213	171	54	187	68	70	256	136	1 318
Algeria	1 105	3 815	42	956	2	1 614	1 088	1 706	132	10 459
Andorra									22	
Angola	88	638	466	242	86	84	75	105	39	1 822
Antigua and Barbuda	32	19	34	6	27	15	4	24	10	171
Argentina	601	170	75	112	77	31	46	6 355	184	7 650
Armenia	186	166	116	70	88	94	64	222	23	1 027
Australia	2 475	1 788	725	630	2 094	1 447	418	4 620	1 531	15 728
Austria	3 978	2 562	1 743	676	1 501	1 297	615	3 666	716	16 754
Azerbaijan	309	596	112	187	95	182	240	494	57	2 273
Bahamas	181	106	185	24	142	74	22	119	46	901
Bahrain	402	305	314	94	116	341	77	312	54	2 016
Bangladesh	1 716	1 573	12	2 408	14	434	1 276	2 023	105	9 562
Barbados	87	69	49	14	53	41	25	82	36	456
Belarus	477	198	51	28	235	13	17	319	334	1 673
Belgium	8 574	6 098	3 167	2 938	3 163	5 157	1 480	10 593	2 270	43 439
Belize	35	45	21	19	14	26	7	64	1	233
Benin	27	771	129	153	16	8	34	35	104	1 277
Bhutan	25	66	21	24	11	27	8	28	9	219
Bolivia (Plurinational State of)	74	201	9	22	68	29	44	284	17	749
Bosnia and Herzegovina	307	361	343	94	298	132	105	566	55	2 261
Botswana	124	228	16	51	279	50	82	127	15	972
Brazil	1 972	3 920	353	1 504	1 028	1 165	128	1 262	1 467	12 798
Brunei Darussalam	137	99	40	19	46	44	10	90	60	545
Bulgaria	917	571	753	456	479	424	273	1 555	166	5 595
Burkina Faso	19	312	0	45	22	30	69	70	34	601
Burundi	4	41	1	6	9	1	10	15	4	91
Cabo Verde	56	70	45	30	27	42	13	31	8	322
Cambodia	146	389	219	58	577	103	96	456	38	2 084
Cameroon	58	760	11	216	86	72	215	152	219	1 787
Canada	12 366	5 614	3 558	1 531	4 617	1 065	1 805	9 675	3 010	43 241
Central African Republic	15	27	21	11	8	9	8	62	8	168
Chad	17	104	6	4	11	16	12	45	2	216
Chile	994	1 716	2 082	702	413	459	541	1 116	286	8 310

TABLE 33.
FOOD IMPORTS, 2023 (USD MILLION) (CONTINUED)

COUNTRY	FOOD EXCLUDING AQUATIC ANIMAL FOODS								AQUATIC ANIMAL FOODS	ALL FOOD
	FRUIT AND VEGETABLES	CEREALS AND PREPARATIONS	MEAT AND MEAT PREPARATIONS	FATS AND OILS (EXCLUDING BUTTER)	BEVERAGES	DAIRY PRODUCTS AND EGGS	SUGAR AND HONEY	OTHER FOOD		
China	33 909	30 895	32 854	15 077	11 316	9 325	4 783	84 714	24 572	247 445
Colombia	832	3 023	502	546	360	247	259	1 146	461	7 376
Comoros	9	49	41	5	55	6	7	10	7	189
Congo	34	257	394	124	42	26	18	74	129	1 098
Costa Rica	474	824	242	71	226	88	68	599	130	2 723
Côte d'Ivoire	161	1 197	169	78	139	132	89	130	847	2 942
Croatia	1 003	731	851	200	392	455	225	1 156	294	5 307
Cuba	95	829	623	133	281	121	22	104	29	2 238
Cyprus	236	347	191	41	233	136	45	258	114	1 600
Czechia	2 557	1 451	2 064	456	986	1 073	447	2 968	520	12 521
Democratic People's Republic of Korea	17	148	16	138	19	36	82	47	62	565
Democratic Republic of the Congo	131	603	225	63	81	105	216	162	183	1 770
Denmark	2 133	1 254	1 774	653	1 321	1 111	443	2 120	4 235	15 044
Djibouti	172	415	14	856	33	37	434	44	12	2 017
Dominica	8	11	13	4	14	6	3	11	3	72
Dominican Republic	542	1 069	600	362	475	408	145	614	286	4 501
Ecuador	227	721	23	323	138	17	209	370	147	2 176
Egypt	1 193	6 555	1 214	2 468	69	621	666	3 423	616	16 825
El Salvador	405	699	374	263	180	326	48	480	55	2 829
Equatorial Guinea	18	55	73	15	76	15	10	13	25	299
Eritrea	13	74	1	10	1	1	17	24	0	140
Estonia	394	211	274	50	329	149	81	473	193	2 155
Eswatini	45	130	9	20	61	29	19	45	7	365
Ethiopia	221	817	1	749	21	27	287	176	3	2 302
Fiji	99	125	60	46	35	66	18	58	40	547
Finland	1 256	741	414	143	654	470	295	1 330	590	5 892
France	16 816	6 670	8 653	3 125	5 275	6 142	1 628	14 759	7 512	70 580
Gabon	34	232	178	11	32	48	9	35	62	641
Gambia	18	108	22	31	9	29	13	44	2	278
Georgia	253	290	222	92	99	130	141	359	70	1 655
Germany	27 207	10 722	9 753	4 461	7 681	10 834	2 838	25 450	6 106	105 052
Ghana	300	784	226	203	113	72	185	350	215	2 447
Greece	1 315	1 139	1 808	461	534	1 261	403	1 618	739	9 279
Grenada	18	32	27	5	16	15	6	21	6	146
Guatemala	506	1 391	500	312	322	351	128	915	147	4 572
Guinea	86	620	111	145	32	20	158	140	4	1 316
Guinea-Bissau	8	77	7	7	36	6	2	8	3	155
Guyana	64	119	20	24	73	69	40	84	5	498
Haiti	55	1 124	145	205	46	20	146	79	46	1 867
Honduras	318	826	234	102	278	135	57	534	17	2 499
Hungary	1 248	1 273	1 155	482	451	648	427	2 238	135	8 057

TABLE 33.
FOOD IMPORTS, 2023 (USD MILLION) (CONTINUED)

COUNTRY	FOOD EXCLUDING AQUATIC ANIMAL FOODS								AQUATIC ANIMAL FOODS	ALL FOOD
	FRUIT AND VEGETABLES	CEREALS AND PREPARATIONS	MEAT AND MEAT PREPARATIONS	FATS AND OILS (EXCLUDING BUTTER)	BEVERAGES	DAIRY PRODUCTS AND EGGS	SUGAR AND HONEY	OTHER FOOD		
Iceland	175	137	49	24	111	13	27	167	102	805
India	7 365	309	9	16 478	849	58	1 549	2 602	165	29 383
Indonesia	3 221	6 514	1 041	248	158	1 425	3 362	4 525	517	21 012
Iran (Islamic Republic of)	833	2 421	369	1 614	60	70	239	2 303	50	7 959
Iraq	2 860	4 462	1 460	850	266	996	920	2 134	123	14 072
Ireland	1 843	2 025	1 288	710	1 357	988	597	2 041	387	11 237
Israel	1 147	1 559	744	371	510	233	408	1 673	787	7 432
Italy	9 218	8 370	7 247	5 832	2 947	5 313	2 118	10 642	7 887	59 574
Jamaica	170	363	111	73	109	111	117	241	144	1 438
Japan	9 844	9 866	12 973	1 696	3 085	1 873	1 315	9 160	12 809	62 622
Jordan	653	1 249	422	261	172	363	316	1 218	132	4 785
Kazakhstan	1 077	878	405	278	541	406	426	1 285	208	5 503
Kenya	148	1 349	10	926	88	85	414	287	12	3 321
Kiribati	3	17	17	1	5	3	6	7	2	62
Kuwait	1 189	1 144	923	265	212	665	164	1 016	260	5 838
Kyrgyzstan	234	197	75	76	116	37	63	185	11	995
Lao People's Democratic Republic	171	181	43	17	195	38	289	304	8	1 246
Latvia	691	591	395	207	1 261	356	114	606	275	4 496
Lebanon	317	608	172	222	78	211	195	841	89	2 734
Lesotho	39	152	64	20	47	18	21	40	6	408
Liberia	22	290	47	41	10	8	15	35	22	489
Libya	723	641	398	216	85	544	334	725	275	3 940
Lithuania	880	516	544	239	814	520	133	936	638	5 220
Luxembourg	479	307	315	30	610	571	35	439	140	2 925
Madagascar	22	365	1	199	13	24	91	45	40	800
Malawi	13	97	2	51	6	8	11	34	2	224
Malaysia	2 840	3 483	1 564	2 186	647	1 123	1 423	4 623	1 367	19 256
Maldives	182	85	96	23	50	95	15	85	35	666
Mali	74	352	6	111	60	32	14	178	70	897
Malta	146	151	147	23	115	75	28	127	235	1 047
Marshall Islands									12	
Mauritania	103	267	42	338	0	81	303	38	4	1 176
Mauritius	129	285	89	66	77	151	75	137	288	1 296
Mexico	3 808	9 091	6 491	1 581	911	2 772	1 372	6 352	1 046	33 425
Micronesia (Federated States of)									6	
Mongolia	98	158	60	37	91	57	92	171	10	774
Montenegro	124	122	188	23	125	82	20	199	35	918
Morocco	1 056	3 284	62	957	212	410	1 060	1 201	335	8 577
Mozambique	114	835	78	335	55	55	30	104	109	1 716
Myanmar	30	371	2	651	119	60	47	96	9	1 385

TABLE 33.
FOOD IMPORTS, 2023 (USD MILLION) (CONTINUED)

COUNTRY	FOOD EXCLUDING AQUATIC ANIMAL FOODS								AQUATIC ANIMAL FOODS	ALL FOOD
	FRUIT AND VEGETABLES	CEREALS AND PREPARATIONS	MEAT AND MEAT PREPARATIONS	FATS AND OILS (EXCLUDING BUTTER)	BEVERAGES	DAIRY PRODUCTS AND EGGS	SUGAR AND HONEY	OTHER FOOD		
Namibia	97	197	49	49	179	46	102	112	45	876
Nauru	2	2	5	0	1	1	0	3	0	16
Nepal	430	485	0	414	39	10	34	308	9	1 729
Netherlands (Kingdom of the)	19 221	8 606	7 668	5 991	5 364	6 044	1 634	17 348	5 398	77 273
New Zealand	801	714	275	299	556	198	405	1 222	220	4 688
Nicaragua	108	530	101	118	123	65	37	281	18	1 381
Niger	22	373	9	72	5	7	36	69	6	598
Nigeria	232	2 358	20	1 568	259	295	904	617	772	7 026
North Macedonia	162	166	223	73	82	87	78	254	35	1 160
Norway	1 643	942	178	767	1 003	203	282	1 589	612	7 217
Oman	901	1 023	440	375	100	759	166	885	96	4 745
Pakistan	1 272	1 051	1	3 272	4	62	50	2 091	5	7 810
Palau									1	
Panama	296	571	159	113	243	143	36	403	95	2 059
Papua New Guinea	39	364	213	39	25	32	50	171	40	973
Paraguay	104	257	54	21	271	37	40	215	11	1 010
Peru	389	2 138	289	723	199	340	290	781	288	5 437
Philippines	1 454	4 816	1 846	1 245	541	1 174	1 000	2 688	847	15 611
Poland	6 004	2 752	2 751	2 084	1 654	1 684	864	7 079	3 475	28 348
Portugal	2 704	2 476	2 080	1 031	743	948	471	2 662	2 721	15 837
Qatar	731	566	584	136	79	330	88	679	139	3 329
Republic of Korea	3 948	5 514	7 369	1 774	1 581	1 445	1 013	4 958	5 770	33 371
Republic of Moldova	220	153	78	36	94	113	26	273	95	1 087
Romania	2 524	1 876	1 930	343	846	1 056	635	2 810	490	12 509
Russian Federation	7 937	1 092	1 175	1 084	3 331	2 305	465	5 225	2 509	25 122
Rwanda	45	224	4	121	45	11	131	50	68	699
Saint Kitts and Nevis	7	7	15	2	10	5	1	6	5	57
Saint Lucia	17	21	54	7	15	12	3	11	10	151
Saint Vincent and the Grenadines	7	94	27	4	13	9	4	4	2	165
Samoa	11	23	37	4	5	15	6	13	9	123
San Marino										
Sao Tome and Principe	5	24	5	5	9	4	2	2	0	56
Saudi Arabia	4 010	6 933	2 584	1 467	117	2 473	1 407	5 728	675	25 394
Senegal	252	1 739	87	370	50	111	181	311	63	3 163
Serbia	731	375	317	150	195	194	98	807	148	3 014
Seychelles	43	29	37	21	30	28	5	24	136	353
Sierra Leone	41	239	57	7	9	14	33	78	11	488
Singapore	1 816	1 085	1 356	1 176	3 606	1 059	360	2 606	1 160	14 224
Slovakia	1 272	858	1 218	437	643	632	206	1 619	162	7 048
Slovenia	916	890	454	174	290	280	181	788	169	4 142
Solomon Islands	3	35	22	7	3	5	8	20	26	129

TABLE 33.
FOOD IMPORTS, 2023 (USD MILLION) (CONTINUED)

COUNTRY	FOOD EXCLUDING AQUATIC ANIMAL FOODS								AQUATIC ANIMAL FOODS	ALL FOOD
	FRUIT AND VEGETABLES	CEREALS AND PREPARATIONS	MEAT AND MEAT PREPARATIONS	FATS AND OILS (EXCLUDING BUTTER)	BEVERAGES	DAIRY PRODUCTS AND EGGS	SUGAR AND HONEY	OTHER FOOD		
Somalia	312	732	27	253	16	242	472	163	22	2 240
South Africa	660	1 753	380	757	673	175	443	998	386	6 225
South Sudan	67	113	12	61	33	28	32	72	2	419
Spain	8 994	9 142	2 607	4 739	2 535	3 216	1 896	9 109	8 843	51 082
Sri Lanka	404	498	3	168	53	289	520	267	79	2 281
Sudan	185	706	8	255	23	77	936	351	2	2 543
Suriname	35	40	26	27	39	20	17	34	6	244
Sweden	2 941	1 464	1 780	1 087	1 730	1 301	574	2 839	6 547	20 263
Switzerland	3 193	1 671	908	467	2 337	847	416	3 411	938	14 189
Syrian Arab Republic	295	407	26	223	38	68	116	420	24	1 617
Tajikistan	98	421	48	137	56	22	116	151	16	1 065
Thailand	3 045	2 988	284	302	485	858	526	4 167	3 962	16 616
Timor-Leste	13	114	36	22	31	20	10	43	8	297
Togo	21	127	19	116	30	28	51	132	48	573
Tonga	7	14	31	2	7	9	3	9	3	84
Trinidad and Tobago	205	210	127	79	73	140	63	156	45	1 098
Tunisia	119	1 241	14	197	23	101	166	581	150	2 591
Türkiye	2 823	5 522	363	2 969	800	171	402	6 302	292	19 645
Turkmenistan	36	228	41	40	9	13	26	76	7	477
Tuvalu	1	2	2	0	1	1	2	1	0	9
Uganda	108	455	6	340	38	6	75	101	10	1 140
Ukraine	1 423	388	156	271	717	259	99	1 492	932	5 738
United Arab Emirates	4 833	2 933	2 656	828	1 583	2 147	1 116	4 004	827	20 926
United Kingdom of Great Britain and Northern Ireland	16 557	8 752	10 184	2 316	9 514	4 332	2 425	13 061	4 271	71 411
United Republic of Tanzania	25	653	7	201	53	9	194	71	4	1 217
United States of America	53 405	19 321	13 981	13 580	30 131	3 358	7 511	35 067	26 341	202 693
Uruguay	230	412	318	176	98	40	77	270	52	1 673
Uzbekistan	362	1 219	352	519	132	114	529	636	32	3 895
Vanuatu	8	34	23	3	9	9	6	11	8	111
Venezuela (Bolivarian Republic of)	372	1 369	51	308	49	314	268	282	45	3 059
Viet Nam	6 825	6 191	2 157	1 422	1 248	861	628	3 862	2 331	25 524
Yemen	567	2 079	257	479	72	508	639	487	79	5 168
Zambia	46	110	22	128	57	37	14	70	166	651
Zimbabwe	46	519	8	276	26	32	91	112	21	1 132

Sources: FAO. 2024. FAOSTAT: Trade: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/TCL>. Licence: CC-BY-4.0; and FAO. 2025. FishStat: Global aquatic trade - All partners aggregated 1976–2023. [Accessed on 28 October 2025]. In: FishStatJ. <https://www.fao.org/fishery/en/statistics/software/fishstatj>. Licence: CC-BY-4.0.

TABLE 34.
CEREALS EXPORTS (THOUSAND TONNES)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
World	261 088.1	277 513.8	326 384.0	420 809.6	464 478.7	491 741.9	513 604.9	507 693.4	505 236.8
Africa	1 612.5	3 683.2	3 300.4	3 053.7	2 767.3	4 491.0	6 463.3	7 081.0	6 722.7
Americas	134 199.7	130 176.8	152 293.1	170 886.9	204 771.7	212 595.4	211 751.7	223 008.5	201 454.0
Asia	36 236.1	35 272.0	37 169.5	44 415.3	45 027.8	48 216.4	64 950.8	68 277.0	61 243.2
Europe	66 684.7	90 130.6	113 192.8	178 256.0	199 129.4	211 365.0	193 959.5	169 432.5	194 938.9
Oceania	22 355.1	18 251.2	20 428.1	24 197.8	12 782.4	15 074.0	36 479.6	39 894.4	40 878.0
Afghanistan			0.0	0.2	12.1	9.1	6.5	4.9	5.6
Albania	0.0	0.0	0.0	0.0				0.0	0.3
Algeria	0.0	0.0	0.0	0.0	0.4	0.6	2.7	1.2	0.8
Andorra									
Angola	0.0	0.0	0.0	0.0	2.0	0.6	0.0	0.8	0.8
Antigua and Barbuda	0.0	0.0	0.0		0.0	0.0			
Argentina	23 194.4	26 085.4	24 259.8	23 955.9	49 811.9	50 128.7	51 113.6	54 170.0	30 373.7
Armenia	0.0	0.0	0.0	0.9	0.0	0.1	2.4	3.6	0.0
Australia	22 331.1	18 248.7	20 413.7	24 189.9	12 774.9	15 070.6	36 458.4	39 889.7	40 869.6
Austria	944.4	1 265.0	1 163.1	1 246.5	1 179.7	1 297.4	1 414.8	1 283.6	1 289.9
Azerbaijan	2.5	0.6	0.3	0.0	17.7	0.0	48.1	17.6	2.0
Bahamas	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
Bahrain	0.1	0.3	0.3	1.0	0.7	16.3	2.3	3.9	1.0
Bangladesh	0.7	4.5	3.9	3.6	69.7	19.7	12.3	13.0	9.8
Barbados	0.3	0.3	0.1	0.0	0.0	0.0	0.1	0.0	0.0
Belarus	3.7	4.0	23.7	47.7	12.1	73.1	133.0	73.5	2.7
Belgium	1 644.2	1 515.3	1 471.4	1 589.6	1 416.1	1 427.0	1 411.4	1 239.5	912.5
Belize	0.6	0.9	10.7	10.9	3.6	1.8	11.3	7.2	4.0
Benin	2.0	5.0	580.5	0.6	2.2	0.9	1.0	2.4	11.4
Bhutan	0.3	0.1	0.4	0.1	0.0	0.0	7.0	0.0	0.1
Bolivia (Plurinational State of)	5.1	10.6	33.9	150.6	56.3	53.1	112.8	29.0	27.5
Bosnia and Herzegovina	51.0	1.5	67.8	77.9	24.5	43.5	48.8	20.6	32.3
Botswana	2.9	3.7	0.9	0.4	2.9	6.6	9.3	4.1	2.0
Brazil	35.0	1 523.7	12 565.3	31 655.2	44 324.0	36 227.7	22 334.0	47 896.4	59 478.5
Brunei Darussalam	0.0	0.0	0.3	0.0	0.2	0.1	0.6	0.0	0.5
Bulgaria	797.1	1 881.4	3 481.6	4 881.5	7 834.8	6 239.7	7 400.9	5 331.0	8 385.0
Burkina Faso	59.2	13.6	33.0	62.6	51.6	203.4	53.2	17.3	7.4
Burundi	0.0	0.0	0.8	0.2	0.1	0.0	0.0	0.1	0.0
Cabo Verde	0.0	0.1	0.0	0.0					0.0
Cambodia	6.4	25.1	277.7	468.1	556.8	654.2	636.6	642.4	676.9
Cameroon	0.2	0.0	4.1	9.3	24.5	24.2	48.0	3.4	1.4
Canada	22 645.1	17 857.5	22 493.5	27 592.6	28 334.3	32 420.8	28 731.5	24 361.7	33 005.5
Central African Republic	0.0	0.0	0.0	0.6					
Chad	0.0	0.0	0.0	0.0	0.0	0.0	0.1		0.0
Chile	49.9	82.3	119.7	99.7	49.9	36.8	34.7	90.9	54.4
China	13 682.4	9 743.4	908.9	410.7	2 956.4	2 564.2	2 655.0	2 383.9	1 795.8
Colombia	0.2	1.6	1.3	3.5	1.3	3.0	3.1	3.3	2.1
Comoros	0.0	0.0	0.0					0.0	0.0

TABLE 34.
CEREALS EXPORTS (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Congo	0.0	4.5	0.5		0.2	1.1	0.0	0.0	0.0
Costa Rica	6.0	4.8	3.6	6.3	13.1	23.6	19.5	23.2	19.9
Côte d'Ivoire	1.5	12.1	15.8	30.7	36.5	107.5	59.2	103.3	124.7
Croatia	353.4	68.4	480.7	817.3	1 290.4	1 929.1	1 654.2	1 590.8	1 572.4
Cuba							0.0	0.0	
Cyprus	0.0	0.0	0.2	0.1	0.1	0.1	2.6	0.1	0.1
Czechia	1 074.3	2 129.6	1 935.2	3 322.7	2 254.7	3 282.9	3 451.0	3 271.7	3 502.2
Democratic People's Republic of Korea	0.0	0.0	0.0	0.0	16.5	0.0	0.0	0.0	0.0
Democratic Republic of the Congo	0.1	0.1	93.8	3.1	1.2	0.3	0.0	4.0	0.0
Denmark	1 908.0	799.9	2 450.9	2 268.6	1 364.5	1 648.3	1 603.9	1 218.3	1 440.6
Djibouti	0.0	0.6	0.0	5.8		0.2	671.7	573.0	508.5
Dominica		0.0	0.0	0.0			0.0	0.0	0.0
Dominican Republic	0.0	9.5	20.1	17.8	18.3	5.5	1.6	2.5	10.4
Ecuador	93.8	64.8	26.4	2.9	36.8	45.9	27.1	47.0	8.6
Egypt	394.8	1 118.8	633.5	180.2	62.2	46.6	43.2	50.0	47.6
El Salvador	26.6	1.1	5.5	27.0	6.7	10.7	14.1	10.1	14.9
Equatorial Guinea					0.3	0.2	0.5	8.4	0.1
Eritrea	0.0	0.5	0.0			0.0			0.5
Estonia	21.3	103.4	216.1	806.4	1 070.8	1 121.2	722.4	850.4	857.4
Eswatini	2.0	4.2	0.6	0.5	0.6	0.2	0.4	0.4	0.2
Ethiopia	1.7	16.3	57.9	18.3	0.7	11.7	17.6	11.1	2.9
Fiji	0.1	0.5	0.9	1.5	0.5	0.5	1.7	3.1	3.0
Finland	264.1	374.1	708.9	867.6	573.0	736.8	483.8	282.7	406.5
France	31 164.7	29 198.7	33 795.8	35 102.5	31 296.4	31 589.1	27 400.0	31 519.1	24 510.0
Gabon	0.3	0.1	0.0	0.0	0.0	0.1	10.0	0.1	0.0
Gambia	0.2	0.1	0.0	0.2		0.3	5.3	0.0	0.2
Georgia	7.9	61.1	47.9	18.7	9.8	1.3	6.8	5.0	1.0
Germany	13 427.3	10 045.6	11 844.3	14 547.9	7 912.7	12 550.4	11 545.6	10 426.1	11 354.8
Ghana	2.3	0.0	8.7	1.5	0.4	15.3	7.0	1.3	2.7
Greece	170.8	703.6	644.7	301.1	400.5	420.3	675.0	550.5	646.6
Grenada		0.0	0.0				0.2	0.0	
Guatemala	8.4	11.0	10.0	8.8	2.1	1.8	7.4	4.2	5.2
Guinea	0.1	3.1	10.0	2.2	0.0	0.1	0.1	0.1	0.1
Guinea-Bissau	0.0	0.0	0.0		0.0		0.0	0.0	
Guyana	200.5	209.3	149.2	188.6	285.3	579.4	421.9	364.8	400.1
Haiti	0.0			0.1	0.4	1.0	0.2	0.4	0.3
Honduras	1.6	8.4	4.1	5.5	6.2	6.8	8.1	8.2	6.6
Hungary	1 712.8	3 838.5	6 368.9	6 944.7	5 811.1	7 950.5	6 637.3	4 545.7	5 368.8
Iceland	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
India	2 390.6	5 375.9	4 839.5	12 792.4	10 451.2	17 296.8	30 911.9	32 521.7	20 329.1
Indonesia	29.3	109.7	70.8	235.1	4.7	64.6	5.8	165.0	93.8
Iran (Islamic Republic of)	2.7	1.8	520.6	79.6	3.6	3.7	2.4	10.3	46.1
Iraq	0.0	0.3	0.0		1.0	0.9	2 253.4	0.8	0.7

TABLE 34.
CEREALS EXPORTS (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Ireland	181.2	189.2	98.0	186.2	172.3	166.1	215.4	201.5	204.5
Israel	0.2	0.2	37.0	57.2	3.8	1.4	0.6	0.3	0.6
Italy	1 045.7	935.0	1 369.3	1 320.2	784.2	903.9	967.4	1 122.4	905.8
Jamaica	0.0	0.2	0.1	0.0	0.3	0.6	0.6	0.6	0.6
Japan	41.4	12.7	38.3	51.8	48.2	40.7	42.5	29.8	42.6
Jordan	3.2	0.7	5.2	96.5	9.2	11.1	101.9	41.1	1.2
Kazakhstan	5 679.4	2 035.8	5 301.3	4 372.7	7 223.2	6 370.4	6 748.4	7 402.5	8 739.9
Kenya	3.6	14.9	73.0	11.5	96.4	110.9	102.1	49.1	82.3
Kiribati				0.2					
Kuwait	1.3	0.1	0.2	1.3	0.6	0.5	0.4	0.1	0.1
Kyrgyzstan	1.7	0.0	5.0	0.1	1.2	5.0	6.8	52.2	17.1
Lao People's Democratic Republic	0.9	47.1	225.5	259.2	219.7	320.6	203.5	134.6	209.6
Latvia	3.5	480.4	1 285.9	2 257.4	2 960.3	3 478.8	2 707.3	3 012.1	2 887.7
Lebanon	1.9	2.9	35.4	46.6	18.2	44.5	59.6	35.1	17.1
Lesotho				0.3	0.5	0.4	0.1	0.2	0.0
Liberia	0.0	3.4	0.1	25.6	0.3	0.0	0.0		
Libya	0.1	0.1	0.0	1.9	3.7	0.0		0.0	0.0
Lithuania	139.0	1 075.0	1 379.4	3 159.9	3 828.8	4 937.6	3 580.4	3 335.8	4 264.6
Luxembourg	15.4	54.2	63.6	69.8	73.2	68.1	55.7	37.4	56.6
Madagascar	3.1	0.2	1.6	4.6	0.2	0.2	0.1	0.1	0.0
Malawi	11.0	0.5	16.8	2.1	2.3	1.0	8.9	22.3	4.5
Malaysia	19.8	10.8	10.3	86.9	32.1	72.4	108.6	126.8	130.9
Maldives							0.0	0.0	
Mali	12.8	14.6	1.5	2.3	0.7	35.9	61.3	14.6	20.8
Malta	0.0	0.0	0.0	0.1	0.4	0.0	0.0	0.0	10.5
Marshall Islands									
Mauritania				0.0					
Mauritius	0.1	0.4	0.9	0.0	0.1	0.0	0.1	0.4	61.9
Mexico	554.4	450.4	1 001.5	1 658.9	1 488.6	570.6	418.4	165.7	236.6
Micronesia (Federated States of)									
Mongolia		0.0	0.0	1.4	3.2	0.9	1.8	0.5	
Montenegro			0.1	0.1	0.0	0.4	0.1	0.0	0.8
Morocco	0.0	0.1	1.5	1.9	0.6	0.6	3.5	0.6	0.2
Mozambique	0.0	1.9	16.2	7.4	15.0	12.1	12.9	16.7	38.4
Myanmar	399.3	364.4	640.6	3 543.8	3 111.3	3 048.7	2 873.5	3 628.0	2 741.7
Namibia	1.3	9.4	0.3	0.5	0.1	2.8	0.9	0.8	0.6
Nauru									
Nepal	0.0	1.0	1.7	0.4	0.9	0.1	0.1	0.0	0.1
Netherlands (Kingdom of the)	504.4	1 132.3	1 176.5	1 274.5	1 776.3	1 505.2	1 036.0	1 273.8	1 063.5
New Zealand	22.9	2.1	13.5	6.3	4.1	2.1	3.8	1.6	2.8
Nicaragua	0.3	2.9	9.6	14.1	9.8	6.2	6.2	14.1	7.4
Niger	0.1	1.1	38.0	35.1	7.5	0.1	0.0	4.9	1.6
Nigeria	25.7	11.9	0.2	21.6	71.9	10.4	5.5	13.3	14.1

TABLE 34.
CEREALS EXPORTS (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
North Macedonia	2.8	5.9	6.7	13.6	36.8	29.4	57.2	44.3	52.7
Norway	0.4	0.5	0.5	0.3	1.6	1.3	0.8	0.9	0.6
Oman	36.3	11.7	42.5	29.4	25.0	30.1	87.0	229.9	69.9
Pakistan	2 047.0	2 919.3	4 414.2	4 122.1	4 973.5	4 051.3	4 492.7	5 369.4	6 038.1
Palau									
Panama	0.5	0.0	0.0	0.0	0.1	0.3	0.0	0.1	0.0
Papua New Guinea	1.0	0.0	0.0	0.0	2.4	0.6	0.2		2.7
Paraguay	297.4	1 130.3	2 656.3	4 558.0	4 087.9	3 193.6	2 884.9	5 697.5	4 955.4
Peru	8.5	8.0	11.7	50.6	98.9	108.0	65.6	76.8	67.2
Philippines	2.6	0.6	0.2	0.9	0.8	2.1	1.3	2.7	1.8
Poland	13.7	1 352.5	1 920.5	6 139.0	4 271.2	9 050.9	8 503.0	9 104.0	13 638.7
Portugal	96.8	258.3	136.6	125.9	297.9	244.1	192.5	367.5	478.1
Qatar	2.2	0.5	0.0	1.1			0.1	0.1	
Republic of Korea	1.6	0.2	4.0	2.1	53.1	55.4	52.7	58.2	46.8
Republic of Moldova	57.0	409.8	341.9	655.0	1 339.0	617.8	1 515.0	1 433.6	1 815.7
Romania	349.8	1 009.9	5 360.3	10 492.3	13 950.5	11 310.6	15 944.9	12 635.0	15 843.3
Russian Federation	1 030.4	12 183.7	13 788.4	30 686.1	39 380.2	44 851.5	34 856.3	26 062.4	38 938.3
Rwanda	0.0	0.2	1.9	33.7	58.0	59.7	65.2	97.7	0.5
Saint Kitts and Nevis		0.0	0.0		0.0	20.5		0.0	
Saint Lucia		0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.0
Saint Vincent and the Grenadines	2.9	4.2	3.3	2.8	0.6	0.1	0.3	0.0	0.0
Samoa	0.0	0.0	0.0		0.1	0.0	15.4		
San Marino									
Sao Tome and Principe			0.0	0.0					0.0
Saudi Arabia	7.2	16.9	29.7	13.4	0.0	4.3	3.6	12.4	6.7
Senegal	0.4	7.9	55.8	111.7	135.7	64.8	104.3	111.8	92.3
Serbia			2 110.6	2 622.7	3 508.3	4 219.1	3 501.5	2 164.0	1 831.2
Seychelles	0.0	0.0	0.0	0.0			0.1	0.8	0.0
Sierra Leone				0.0		0.0	0.0	0.0	0.0
Singapore	8.8	86.0	46.0	137.7	80.2	100.1	152.6	131.2	157.1
Slovakia	275.7	528.4	682.4	1 870.8	1 415.5	2 060.7	1 937.4	2 452.4	2 368.2
Slovenia	74.6	32.0	214.9	292.1	903.0	988.8	1 120.6	1 076.7	1 530.2
Solomon Islands	0.0	0.0	0.0				0.0	0.0	0.0
Somalia				0.0	0.1	0.0	3.0	0.0	0.8
South Africa	753.2	2 180.6	1 291.4	1 127.7	1 440.7	2 904.1	3 726.2	4 562.4	4 616.1
South Sudan				0.0	0.7	0.1	0.9	8.7	0.9
Spain	1 017.3	681.2	1 137.9	993.1	1 177.1	1 155.6	1 036.5	924.4	570.6
Sri Lanka	2.0	14.1	15.5	17.1	6.9	12.3	15.5	21.8	19.6
Sudan				6.3	131.4	1.7	9.0	34.0	7.4
Suriname	37.3	29.9	76.7	27.4	63.6	56.4	59.0	37.7	37.8
Sweden	1 453.8	965.3	991.4	1 983.3	1 083.2	1 778.5	1 242.0	1 085.6	902.3
Switzerland	0.4	0.8	1.6	4.2	7.2	5.3	3.3	2.9	3.1
Syrian Arab Republic	1.7	458.8	31.0	28.8	52.7	524.6	42.5	29.7	65.1
Tajikistan		3.7	1.6	9.7	0.4	0.1	0.7	0.4	0.0

TABLE 34.
CEREALS EXPORTS (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Thailand	6 153.2	7 581.0	9 404.6	9 899.4	7 871.1	5 698.5	6 193.6	7 760.2	8 801.6
Timor-Leste									
Togo	2.5	0.1	5.6	1.8	0.8	2.4	1.7	1.2	2.3
Tonga			0.0			0.0	0.0	0.0	0.0
Trinidad and Tobago	1.9	22.5	7.0	2.1	0.6	1.3	5.4	0.5	1.5
Tunisia	39.3	12.0	0.0	11.1	0.4	0.1	1.6	0.3	1.0
Türkiye	1 980.3	745.8	1 737.0	172.0	1 076.6	793.5	989.2	1 465.7	3 850.8
Turkmenistan				12.8	37.6	39.0	35.1	35.0	0.0
Tuvalu						0.0			
Uganda	6.9	73.8	186.5	448.2	300.9	335.9	144.5	170.7	564.4
Ukraine	1 283.8	12 488.7	11 974.7	37 426.3	56 710.4	51 316.0	49 640.0	38 747.3	44 817.5
United Arab Emirates	227.2	261.1	1 401.6	563.3	327.2	230.5	243.7	319.6	237.9
United Kingdom of Great Britain and Northern Ireland	5 300.7	3 417.4	4 498.4	3 861.6	3 010.7	2 365.6	1 263.8	2 144.8	2 472.4
United Republic of Tanzania	75.4	115.7	99.4	150.4	261.0	455.9	1 162.1	915.6	426.3
United States of America	86 237.3	81 835.6	86 434.6	79 463.8	74 841.3	87 701.5	103 976.8	88 012.8	70 751.2
Uruguay	726.9	808.7	2 384.8	1 383.8	1 230.0	1 389.4	1 493.3	1 983.8	1 984.3
Uzbekistan	2.8	57.3	134.1	200.0	113.7	57.6	27.2	17.1	68.8
Vanuatu	0.0	0.0	0.0			0.2			
Venezuela (Bolivarian Republic of)	65.0	12.8	4.4	0.0			0.0	0.0	0.0
Viet Nam	3 486.1	5 252.5	6 920.9	6 640.5	5 631.1	6 052.7	5 895.7	5 596.7	7 006.0
Yemen	3.7	56.9	15.2	19.9	2.0	13.1	12.8	0.2	9.7
Zambia	14.6	47.3	64.0	728.9	43.7	65.0	117.3	268.7	70.5
Zimbabwe	142.5	1.3	0.2	2.5	9.0	6.7	2.5	5.4	4.4

Source: FAO. 2024. FAOSTAT: Trade: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/TCL>.
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TABLE 35.
CEREALS IMPORTS AND EXPORTS BY MAIN COMMODITIES, 2023 (THOUSAND TONNES)

COUNTRY	IMPORTS				EXPORTS			
	WHEAT	MAIZE	RICE	OTHER	WHEAT	MAIZE	RICE	OTHER
World	196 405.7	190 320.0	51 693.7	53 040.9	199 113.8	197 868.4	52 277.7	55 976.9
Africa	41 771.0	17 206.2	17 115.4	4 033.5	521.5	4 867.6	1 086.1	247.5
Americas	21 151.3	45 386.3	7 119.4	3 944.9	49 909.1	132 266.0	6 127.3	13 151.5
Asia	89 968.1	88 743.6	21 844.8	28 497.3	9 428.1	7 440.1	42 609.8	1 765.2
Europe	42 356.6	38 979.1	4 906.7	16 509.9	109 959.0	53 216.1	2 200.6	29 563.1
Oceania	1 158.6	4.8	707.3	55.3	29 296.0	78.6	253.9	11 249.5
Afghanistan	482.9	61.3	532.8	24.0	0.0	0.1	0.3	5.2
Albania	115.5	62.9	16.8	7.9	0.2	0.0	0.0	0.0
Algeria	5 836.2	4 200.1	225.0	234.3	0.0	0.5	0.0	0.2
Andorra								
Angola	846.2	13.7	323.1	0.0	0.0	0.1	0.0	0.7
Antigua and Barbuda	0.0	0.1	1.6	0.0			0.0	
Argentina	0.1	15.8	0.4	2.0	2 844.6	23 630.0	287.0	3 612.1
Armenia	338.3	67.7	9.8	55.7	0.0	0.0	0.0	0.0
Australia	0.0	2.0	220.7	4.3	29 292.0	77.7	250.7	11 249.1
Austria	1 175.4	650.7	43.5	312.4	677.9	478.4	4.3	129.3
Azerbaijan	1 175.3	73.1	54.6	63.6		0.0	0.0	1.9
Bahamas	0.0	0.7	4.9	0.0	0.0		0.0	0.0
Bahrain	88.2	17.5	62.4	5.9	0.0	0.2	0.8	0.0
Bangladesh	2 969.6	873.7	376.7	21.5	0.0	0.0	9.8	0.0
Barbados	14.9	33.0	4.5	0.1		0.0	0.0	0.0
Belarus	130.0	10.8	1.3	137.2	1.6	0.0	0.0	1.1
Belgium	3 289.1	1 576.4	663.0	1 908.6	297.0	63.9	428.9	122.6
Belize	25.2	1.2	0.5	0.5		1.5	0.0	2.5
Benin	107.4	5.7	1 486.6	2.4		1.5	9.9	0.1
Bhutan	1.1	39.8	94.5	0.2			0.0	0.0
Bolivia (Plurinational State of)	71.4	6.6	2.5	3.5		1.4	0.1	26.1
Bosnia and Herzegovina	224.3	215.1	7.1	27.8	25.8	6.3	0.0	0.1
Botswana	126.1	277.6	46.2	10.6	0.6	0.6	0.2	0.6
Brazil	4 180.8	1 360.3	990.3	675.1	2 354.6	55 898.0	1 169.0	56.9
Brunei Darussalam	0.0	14.4	20.4	0.0		0.0	0.5	0.0
Bulgaria	65.5	35.3	81.0	6.4	6 386.6	1 364.9	100.0	533.5
Burkina Faso	270.3	1.1	769.0	3.6	5.5	0.2	1.7	0.0
Burundi	7.1	8.1	5.3	2.9	0.0		0.0	0.0
Cabo Verde	19.8	40.8	45.1	0.0			0.0	0.0
Cambodia	18.1	180.5	12.3	0.0		36.9	640.0	0.0
Cameroon	859.4	31.1	543.3	5.0	0.0	0.1	1.4	0.0
Canada	63.8	3 102.9	890.5	103.0	25 571.1	2 826.8	24.2	4 583.4
Central African Republic		0.0	19.7	0.0			0.0	
Chad	30.0	10.0	11.4	25.0			0.0	0.0
Chile	1 022.9	2 344.1	214.5	105.2	0.0	38.6	1.4	14.4
China	13 149.8	30 500.1	3 005.6	17 211.9	16.7	8.8	1 742.3	28.0
Colombia	1 779.2	6 320.2	116.0	361.4	0.4	1.3	0.4	0.0

TABLE 35.
CEREALS IMPORTS AND EXPORTS BY MAIN COMMODITIES, 2023 (THOUSAND TONNES) (CONTINUED)

COUNTRY	IMPORTS				EXPORTS			
	WHEAT	MAIZE	RICE	OTHER	WHEAT	MAIZE	RICE	OTHER
Comoros			55.0	0.0			0.0	0.0
Congo	217.3	49.5	84.0	0.1	0.0	0.0	0.0	
Costa Rica	266.4	1 016.7	230.7	1.5		0.1	19.8	0.0
Côte d'Ivoire	705.7	5.2	1 307.2	22.6		103.0	21.4	0.2
Croatia	151.2	156.2	13.7	77.6	500.0	931.1	0.1	141.2
Cuba	470.0	218.0	557.0	0.2			0.0	
Cyprus	50.3	304.5	9.4	187.6	0.0	0.0	0.1	0.0
Czechia	125.7	276.4	112.5	92.1	2 627.2	289.0	22.5	563.5
Democratic People's Republic of Korea	2.7	6.8	164.3	0.0			0.0	
Democratic Republic of the Congo	328.5	30.3	239.8	0.2	0.0		0.0	0.0
Denmark	146.2	182.6	42.4	200.7	472.3	4.4	5.1	958.8
Djibouti	41.3	8.4	497.5	22.3	4.9	7.9	494.2	1.6
Dominica		0.0	1.2	0.0			0.0	
Dominican Republic	620.3	1 441.4	22.5	11.8	0.3	7.4	0.4	2.4
Ecuador	1 300.2	179.0	17.5	46.1	0.0	0.4	7.2	1.0
Egypt	8 162.0	6 296.2	216.9	45.0	2.6	6.1	34.9	4.0
El Salvador	319.0	725.0	83.2	2.3	0.4	0.7	13.7	0.2
Equatorial Guinea	0.0	0.0	24.4	0.0			0.1	0.0
Eritrea	40.0	0.0	0.4	96.0	0.5	0.0	0.0	0.0
Estonia	4.2	65.4	4.0	19.4	558.5	30.6	0.4	268.0
Eswatini	46.8	159.5	43.3	3.3		0.1	0.1	0.0
Ethiopia	566.8	4.6	430.9	12.0			0.2	2.7
Fiji	148.8	0.2	44.1	0.0	0.0	0.0	3.0	0.0
Finland	8.5	26.7	35.2	25.7	56.5	0.0	0.3	349.7
France	172.7	453.0	586.0	97.3	13 476.7	3 750.4	29.6	7 253.4
Gabon	124.0	0.7	102.3	0.4		0.0	0.0	0.0
Gambia	37.1	0.0	254.1	0.2	0.2	0.1	0.0	0.0
Georgia	222.1	56.8	11.9	33.5	0.0	0.7	0.1	0.2
Germany	5 163.2	2 902.9	394.0	3 020.9	6 784.2	468.1	49.3	4 053.2
Ghana	338.6	28.1	626.4	0.7	0.0	0.5	0.5	1.6
Greece	1 108.3	521.2	26.7	115.8	527.0	17.2	96.6	5.8
Grenada	34.3	6.6	1.6	0.0			0.0	
Guatemala	650.8	1 606.1	98.7	3.1	0.5	4.2	0.4	0.1
Guinea	458.1	7.2	869.2	0.0		0.0	0.0	0.1
Guinea-Bissau		0.0	119.0	0.0			0.0	
Guyana	38.7	39.9	0.1	0.1		0.0	400.1	0.0
Haiti	302.2	0.7	1 052.1	4.5		0.0	0.2	0.1
Honduras	294.7	804.6	116.7	0.4		2.1	3.1	1.4
Hungary	221.4	891.9	46.8	30.3	2 829.8	1 334.6	4.9	1 199.5
Iceland	37.6	22.2	1.8	13.9	0.0	0.0	0.0	0.0
India	85.0	11.1	6.0	233.6	157.6	2 311.6	17 697.0	162.9
Indonesia	10 869.9	1 235.8	3 062.9	63.8	0.0	92.1	1.6	0.0
Iran (Islamic Republic of)	128.9	4 061.9	751.8	188.7	0.0	13.8	26.5	5.7

TABLE 35.
CEREALS IMPORTS AND EXPORTS BY MAIN COMMODITIES, 2023 (THOUSAND TONNES) (CONTINUED)

COUNTRY	IMPORTS				EXPORTS			
	WHEAT	MAIZE	RICE	OTHER	WHEAT	MAIZE	RICE	OTHER
Iraq	1 612.5	945.7	1 851.1	72.8	0.5		0.2	0.0
Ireland	350.8	1 258.5	35.8	294.6	30.9	109.2	3.6	60.9
Israel	1 385.5	1 050.1	137.1	291.8	0.4		0.1	0.0
Italy	8 674.6	6 503.5	286.8	817.1	162.1	64.2	664.5	15.1
Jamaica	178.9	321.7	77.1	1.5		0.6	0.0	0.0
Japan	5 026.3	14 875.8	708.8	1 563.8	0.0	0.0	42.5	0.1
Jordan	513.5	585.8	201.5	967.1		0.3	0.9	0.0
Kazakhstan	2 615.6	17.6	29.1	511.9	7 202.6	89.9	112.3	1 335.1
Kenya	2 036.9	504.7	935.9	126.0	19.3	2.0	1.4	59.5
Kiribati		0.0	13.1	0.0			0.0	
Kuwait	474.4	142.0	169.6	426.2	0.0		0.1	0.0
Kyrgyzstan	370.8	1.6	10.9	56.8		16.6	0.4	0.1
Lao People's Democratic Republic		3.3	66.2	0.0		171.5	33.2	4.9
Latvia	816.9	330.8	7.5	153.4	2 362.6	286.2	2.1	236.8
Lebanon	460.0	391.7	58.3	38.7	3.2	9.2	4.6	0.2
Lesotho	50.7	88.0	10.8	0.2		0.0	0.0	0.0
Liberia	0.0	4.3	658.2	0.0			0.0	
Libya	163.7	441.3	78.5	245.7	0.0	0.0	0.0	0.0
Lithuania	255.9	183.0	27.6	42.4	3 704.4	145.1	15.0	400.1
Luxembourg	144.3	10.3	4.2	3.9	25.6	7.2	0.2	23.5
Madagascar	160.7	1.2	412.7	17.7		0.0	0.0	0.0
Malawi	114.5	29.0	0.7	0.0		3.5	0.8	0.2
Malaysia	1 612.0	3 594.8	1 407.8	35.6	0.8	6.1	123.4	0.5
Maldives	0.0	0.3	29.1	0.8			0.0	
Mali	294.9	12.0	75.0	0.1	0.0	6.1	0.0	14.7
Malta	23.5	46.2	5.3	12.5	10.5		0.0	0.0
Marshall Islands								
Mauritania	676.1	20.2	30.0	2.1			0.0	
Mauritius	161.7	139.3	70.7	1.1	10.0	2.6	49.3	0.0
Mexico	4 022.5	18 500.4	531.7	90.6	126.2	104.7	5.7	0.0
Micronesia (Federated States of)								
Mongolia	47.7	0.3	54.4	17.3			0.0	
Montenegro	10.4	30.8	1.6	2.1		0.8	0.0	0.0
Morocco	5 872.0	2 491.9	85.1	1 141.0	0.0	0.0	0.2	0.0
Mozambique	761.5	172.2	705.8	0.4	12.0	23.7	2.6	0.0
Myanmar	371.2	10.6	1.9	0.0		1 222.9	1 516.2	2.6
Namibia	137.2	168.2	25.4	2.4	0.0	0.1	0.5	0.0
Nauru	1.0	0.0	0.5	0.0			0.0	
Nepal	157.4	377.4	416.1	16.9	0.0	0.0	0.1	0.1
Netherlands (Kingdom of the)	3 845.5	5 426.7	452.7	3 065.2	187.3	345.9	324.1	206.2
New Zealand	688.6	0.4	57.6	18.6	1.3	0.8	0.2	0.5
Nicaragua	146.9	463.4	106.1	0.3	0.0	2.3	4.3	0.7
Niger	0.0	20.8	572.9	7.2		0.0	0.1	1.5

TABLE 35.
CEREALS IMPORTS AND EXPORTS BY MAIN COMMODITIES, 2023 (THOUSAND TONNES) (CONTINUED)

COUNTRY	IMPORTS				EXPORTS			
	WHEAT	MAIZE	RICE	OTHER	WHEAT	MAIZE	RICE	OTHER
Nigeria	4 725.1	100.0	8.4	31.3	0.0	1.5	3.7	8.8
North Macedonia	77.1	40.8	0.3	1.4	18.9	14.8	6.6	12.3
Norway	281.7	81.8	30.1	55.9	0.0	0.0	0.3	0.3
Oman	557.0	338.2	214.0	117.4	63.3	0.2	6.4	0.0
Pakistan	2 605.3	27.8	6.7	14.9		1 504.2	4 530.4	3.5
Palau								
Panama	129.7	536.6	125.3	1.4		0.0	0.0	
Papua New Guinea	274.8	0.9	299.8	29.1	2.7		0.0	
Paraguay	0.4	22.8	1.0	0.6	247.0	3 789.8	862.9	55.7
Peru	1 867.9	3 538.3	142.0	166.3	0.1	10.6	10.9	45.7
Philippines	5 544.5	648.5	3 052.1	330.0		1.5	0.3	0.0
Poland	844.0	727.2	179.0	271.8	6 972.4	4 568.8	43.5	2 053.9
Portugal	1 512.3	2 088.0	194.0	590.2	42.0	233.9	76.7	125.6
Qatar	23.2	56.3	156.8	203.3			0.0	
Republic of Korea	4 415.0	9 702.6	199.8	115.9	0.0	0.1	46.2	0.6
Republic of Moldova	1.8	32.2	8.3	1.1	1 060.1	605.5	0.1	150.0
Romania	821.3	879.1	62.5	544.2	8 171.2	5 351.3	23.7	2 297.0
Russian Federation	42.3	17.5	216.8	6.6	31 599.1	3 302.0	57.1	3 980.2
Rwanda	185.0	44.4	160.1	38.1		0.5	0.0	0.0
Saint Kitts and Nevis		1.0	1.2	0.0			0.0	
Saint Lucia	6.0	10.0	3.4	0.1	0.0		0.0	0.0
Saint Vincent and the Grenadines	29.5	10.7	2.3	0.0			0.0	
Samoa	0.0	0.0	7.1	0.0			0.0	
San Marino								
Sao Tome and Principe		0.1	8.9	0.0			0.0	
Saudi Arabia	3 435.5	3 196.6	1 183.1	2 090.9	0.2	3.4	3.1	0.0
Senegal	897.8	466.2	1 566.0	11.2	9.1	0.8	80.5	1.9
Serbia	1.6	14.4	13.2	11.1	674.9	1 050.0	1.2	105.1
Seychelles	0.1	7.1	5.7	0.0	0.0		0.0	0.0
Sierra Leone		0.3	393.8	0.7			0.0	0.0
Singapore	201.6	6.7	433.2	1.4	0.0	0.1	156.8	0.2
Slovakia	49.0	462.9	32.2	85.0	1 602.5	574.8	8.3	182.5
Slovenia	560.3	1 231.9	20.9	31.8	378.0	1 121.0	11.9	19.3
Solomon Islands	15.5	0.0	30.7	0.0			0.0	0.0
Somalia	2.2	12.4	484.7	40.3			0.0	0.8
South Africa	2 031.9	2.7	1 221.1	237.8	453.8	3 978.4	158.4	25.4
South Sudan		1.1	4.5	38.1		0.9	0.0	
Spain	9 636.2	9 163.0	342.4	4 054.3	103.2	165.3	186.7	115.5
Sri Lanka	788.6	197.2	29.6	20.4	9.5	0.3	9.6	0.2
Sudan	332.0	1.5	144.8	86.2		1.3	0.0	6.1
Suriname	22.0	8.0	0.3	0.0			37.8	0.0
Sweden	94.4	44.8	77.2	99.1	325.0	0.7	1.6	574.9
Switzerland	416.9	177.7	80.1	81.1	0.5	0.4	1.3	0.9

TABLE 35.
CEREALS IMPORTS AND EXPORTS BY MAIN COMMODITIES, 2023 (THOUSAND TONNES) (CONTINUED)

COUNTRY	IMPORTS				EXPORTS			
	WHEAT	MAIZE	RICE	OTHER	WHEAT	MAIZE	RICE	OTHER
Syrian Arab Republic	71.3	57.8	132.9	27.0	49.1	15.1	0.0	0.8
Tajikistan	1 023.6	59.7	31.8	60.5		0.0	0.0	0.0
Thailand	3 713.9	1 354.4	15.7	664.5	0.0	37.1	8 759.7	4.8
Timor-Leste		0.4	156.6	0.0			0.0	
Togo	187.8	2.8	412.1	0.1		0.3	1.9	0.1
Tonga		0.0	0.1	0.0		0.0	0.0	0.0
Trinidad and Tobago	111.1	81.6	44.5	1.5		1.0	0.5	0.0
Tunisia	1 342.9	795.7	17.8	1 439.4	0.0	0.0	0.0	1.0
Türkiye	11 904.6	2 030.9	695.5	1 509.7	1 814.6	1 667.1	257.5	111.5
Turkmenistan	540.2	1.1	0.3	0.1			0.0	0.0
Tuvalu	0.0	0.0	0.7				0.0	
Uganda	780.7	32.8	239.1	67.0	0.1	488.4	1.8	74.1
Ukraine	34.8	15.7	76.4	0.9	16 151.7	26 367.0	0.1	2 298.7
United Arab Emirates	1 442.8	539.4	595.2	446.6	74.3	61.9	41.9	59.7
United Kingdom of Great Britain and Northern Ireland	1 708.3	2 162.5	675.8	190.1	1 155.0	162.9	30.0	1 124.5
United Republic of Tanzania	1 367.9	86.3	139.5	2.1	1.6	174.8	212.9	36.9
United States of America	2 471.1	1 037.4	1 334.1	2 294.8	17 942.3	45 944.5	2 281.7	4 582.6
Uruguay	2.5	532.0	3.0	66.7	821.6	0.0	996.5	166.1
Uzbekistan	3 316.5	42.0	107.5	162.7	34.9		0.6	33.3
Vanuatu	0.0	0.0	19.0	0.0			0.0	
Venezuela (Bolivarian Republic of)	708.0	1 099.3	340.5	0.3		0.0	0.0	0.0
Viet Nam	4 248.7	10 131.9	943.4	637.8	0.0	161.9	6 844.0	0.1
Yemen	1 906.9	792.8	537.7	4.0	0.1	6.5	0.3	2.8
Zambia	60.4	2.1	46.2	4.3	1.0	59.4	7.3	2.8
Zimbabwe	258.4	379.7	256.4	6.1	0.1	2.6	0.0	1.7

Source: FAO. 2024. FAOSTAT: Trade: Crops and livestock products. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/TCL>.
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TABLE 36.
FOREST PRODUCTS EXPORTS, 2023 (USD MILLION)

COUNTRY	SECONDARY PROCESSED WOOD PRODUCTS	PAPER AND PAPERBOARD	SECONDARY PROCESSED PAPER PRODUCTS	WOOD PULP	WOOD-BASED PANELS	SAWNWOOD	OTHER	TOTAL
World	132 801.9	102 005.1	86 569.1	44 551.9	37 891.3	37 770.3	41 131.9	482 721.6
Africa	707.8	855.2	1 001.0	1 125.5	346.8	1 823.8	2 010.2	7 870.5
Americas	13 962.8	16 870.6	12 923.2	24 642.9	6 019.2	11 508.2	10 233.6	96 160.6
Asia	53 023.1	25 413.9	31 081.8	5 114.0	13 353.8	2 687.9	8 649.6	139 324.0
Europe	64 953.5	58 220.9	41 387.6	13 282.8	17 927.4	21 114.0	16 226.8	233 113.0
Oceania	154.8	644.5	175.5	386.7	244.0	636.4	4 011.7	6 253.6
Afghanistan	0.3	0.1	0.1	0.0	0.0	0.0	0.2	0.6
Albania	27.4	2.9	51.5	0.0	1.5	0.0	9.1	92.4
Algeria	3.4	35.4	10.7	1.8	2.5	4.4	20.3	78.6
Andorra	0.2	8.2	0.2		0.0	0.0	1.4	10.0
Angola	50.1	0.0	1.1	0.6	0.1	36.5	11.8	100.3
Antigua and Barbuda	0.2	0.0	0.2		0.0	0.0	0.1	0.4
Argentina	54.2	69.8	63.7	103.5	39.8	72.6	79.4	483.1
Armenia	10.9	1.4	1.9	0.0	0.1	0.4	5.2	20.0
Australia	58.9	508.7	83.7	0.3	22.4	49.1	1 044.8	1 767.8
Austria	2 698.0	2 898.4	1 452.3	352.9	1 437.2	1 608.5	510.2	10 957.5
Azerbaijan	5.7	0.8	1.2	0.0	1.9	0.6	0.7	10.9
Bahamas	0.5	0.2	0.1	0.1	0.0	0.0	0.3	1.2
Bahrain	85.3	4.5	38.0	0.3	1.1	0.0	6.8	136.0
Bangladesh	18.6	9.4	19.7	0.0	1.1	0.1	9.5	58.4
Barbados	0.3	0.5	16.8	0.0	0.1	0.0	0.0	17.7
Belarus	203.4	73.7	29.7	68.3	110.0	313.3	73.9	872.2
Belgium	1 617.8	2 404.6	2 139.6	500.4	1 319.3	445.1	883.0	9 309.8
Belize	1.9	0.3	2.4	0.1	0.3	1.7	0.5	7.2
Benin	8.5	1.1	0.4	0.0	0.0	32.6	13.8	56.3
Bhutan	0.1	0.6	0.6	0.0	1.9	0.0	0.6	3.9
Bolivia (Plurinational State of)	38.7	3.7	11.3		6.2	40.0	39.1	139.1
Bosnia and Herzegovina	584.3	92.9	83.9	0.0	21.4	227.4	142.2	1 152.2
Botswana	3.4	0.2	2.6	0.0	0.1	0.0	0.9	7.1
Brazil	1 804.7	1 918.6	450.2	7 935.4	1 072.7	880.9	461.2	14 523.6
Brunei Darussalam	0.7	0.5	0.7	0.0	18.6	7.2	7.8	35.4
Bulgaria	358.4	173.5	142.4	46.6	197.6	25.4	74.1	1 018.0
Burkina Faso	1.4	0.3	0.4	0.1	0.1	0.0	0.9	3.1
Burundi	0.1	0.0	0.0	0.1	0.0	0.1	0.1	0.3
Cabo Verde	0.1	0.0	0.0		0.0	0.0	0.0	0.2
Cambodia	437.5	0.8	51.7	0.0	204.8	12.2	15.3	722.5
Cameroon	14.6	0.1	0.8		2.5	638.0	257.8	913.8
Canada	4 543.7	5 214.6	2 703.3	5 301.3	3 049.3	6 512.4	1 626.4	28 951.0
Central African Republic	0.2	0.1	0.1	0.0	0.0	25.1	88.0	113.5
Chad	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.2
Chile	382.9	482.1	83.5	2 645.7	634.9	759.5	254.0	5 242.7
China	31 530.0	9 455.2	21 564.5	207.6	6 263.1	127.6	1 131.6	70 279.6

TABLE 36.
FOREST PRODUCTS EXPORTS, 2023 (USD MILLION) (CONTINUED)

COUNTRY	SECONDARY PROCESSED WOOD PRODUCTS	PAPER AND PAPERBOARD	SECONDARY PROCESSED PAPER PRODUCTS	WOOD PULP	WOOD-BASED PANELS	SAWNWOOD	OTHER	TOTAL
Colombia	80.7	118.2	254.6	0.4	3.2	9.0	22.1	488.2
Comoros	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Congo	24.8	0.0	0.0	0.0	0.1	164.6	280.6	470.1
Costa Rica	19.7	30.6	115.4	0.3	0.2	5.9	37.9	210.0
Côte d'Ivoire	11.3	3.9	84.7	0.0	4.9	53.8	48.8	207.3
Croatia	406.0	128.8	297.9	20.7	89.4	491.1	387.8	1 821.6
Cuba	1.3	0.2	0.0		0.0	0.0	56.2	57.7
Cyprus	4.3	0.4	4.2	0.0	0.0	0.0	4.7	13.7
Czechia	1 438.4	1 205.7	969.3	296.5	578.7	429.8	854.2	5 772.5
Democratic People's Republic of Korea	7.2	0.5	0.2	0.3	0.0	0.0	0.9	9.2
Democratic Republic of the Congo	4.9	0.0	0.0	0.0	0.0	67.2	80.4	152.6
Denmark	2 044.7	222.4	705.6	0.6	53.2	56.3	244.0	3 326.9
Djibouti	4.9	17.8	10.0	0.0	0.8	0.0	1.7	35.2
Dominica	0.1	0.2	0.0	0.0	0.0	0.0	0.1	0.5
Dominican Republic	12.5	29.2	87.1	0.0	1.3	0.0	17.9	148.1
Ecuador	89.0	23.5	21.0	0.4	298.2	60.6	105.8	598.4
Egypt	247.3	218.6	180.3	0.5	3.2	3.0	40.8	693.8
El Salvador	21.2	18.4	370.4	0.0	0.1	1.7	10.3	422.1
Equatorial Guinea	0.5	0.1	0.0		0.0	13.8	47.7	62.1
Eritrea	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.2
Estonia	1 564.0	39.9	105.1	119.4	295.8	258.6	665.7	3 048.6
Eswatini	5.6	17.9	2.8	0.0	6.5	84.5	44.9	162.1
Ethiopia	0.1	0.0	2.1	0.0	1.2	1.2	0.2	5.0
Fiji	1.5	1.0	9.7	0.0	0.3	10.9	20.2	43.6
Finland	531.0	6 316.0	500.6	2 929.4	684.1	2 002.9	257.8	13 221.7
France	2 254.8	3 752.9	2 873.1	320.6	1 256.3	826.0	1 140.0	12 423.8
Gabon	28.3	0.3	0.1	0.0	82.3	351.8	248.7	711.5
Gambia	0.1	0.1	0.0		0.0	19.0	0.6	19.7
Georgia	9.0	8.2	29.6	0.0	21.4	12.9	3.3	84.3
Germany	9 361.1	13 745.0	9 499.2	1 020.4	2 931.3	2 923.0	1 996.4	41 476.3
Ghana	3.7	6.7	21.2	0.0	14.2	111.9	76.4	234.2
Greece	186.5	100.7	467.0	0.7	54.7	6.0	93.4	909.2
Grenada	0.0	0.0	7.1		0.0	0.0	0.0	7.1
Guatemala	98.9	32.0	417.0	0.0	22.7	19.2	28.6	618.4
Guinea	0.0	0.2	0.0		0.4	1.0	12.2	13.9
Guinea-Bissau	0.0	0.2	0.0	0.1	0.1	0.0	0.0	0.5
Guyana	16.0	0.3	1.2		0.1	8.9	8.4	34.9
Haiti	0.1	0.0	0.3	0.0	0.0	0.0	0.1	0.5
Honduras	47.7	1.9	65.2	0.2	4.5	22.6	63.9	205.8
Hungary	756.5	551.4	731.1	2.0	238.5	89.2	172.8	2 541.6
Iceland	0.2	0.0	0.7	0.0	0.0	0.0	2.2	3.1

TABLE 36.
FOREST PRODUCTS EXPORTS, 2023 (USD MILLION) (CONTINUED)

COUNTRY	SECONDARY PROCESSED WOOD PRODUCTS	PAPER AND PAPERBOARD	SECONDARY PROCESSED PAPER PRODUCTS	WOOD PULP	WOOD-BASED PANELS	SAWNWOOD	OTHER	TOTAL
India	1 159.4	1 216.5	1 432.3	0.0	103.1	7.4	131.9	4 050.7
Indonesia	2 797.8	4 198.4	595.9	3 485.5	1 757.2	187.0	767.7	13 789.6
Iran (Islamic Republic of)	38.5	35.2	56.0	0.3	65.7	0.4	9.3	205.3
Iraq	0.4	0.1	0.0	0.3	0.0	0.0	47.2	48.0
Ireland	173.9	39.9	241.5	0.1	390.2	224.9	157.9	1 228.3
Israel	17.0	91.7	58.5	0.0	0.9	0.0	10.2	178.3
Italy	8 880.1	3 452.1	4 722.0	128.5	879.4	301.1	614.6	18 977.8
Jamaica	3.0	0.5	1.3		0.0	0.0	1.2	6.0
Japan	118.0	1 662.8	592.9	276.5	79.5	46.1	514.8	3 290.6
Jordan	21.6	66.1	112.2	1.1	2.7	0.2	18.1	222.0
Kazakhstan	39.4	16.6	33.7	0.3	93.9	1.6	9.7	195.1
Kenya	6.9	16.8	61.4	0.7	2.4	1.2	4.5	93.9
Kiribati	0.0				0.0	0.0	0.0	0.0
Kuwait	25.3	35.8	38.3	0.0	0.2	0.0	10.3	109.9
Kyrgyzstan	3.9	0.3	2.6	0.0	1.9	0.0	0.1	8.9
Lao People's Democratic Republic	10.5	406.6	0.3	274.6	2.5	147.6	155.1	997.3
Latvia	810.5	30.8	108.3	22.0	695.4	762.1	1 084.1	3 513.2
Lebanon	36.8	9.6	36.0	2.4	6.6	1.2	2.3	95.1
Lesotho	0.1	0.0	2.7		0.1	0.0	0.2	3.1
Liberia	1.2	0.4	0.3		0.0	1.3	17.8	21.0
Libya	0.1	0.2	0.4	0.0	0.0	0.0	9.1	9.8
Lithuania	2 916.8	104.5	299.1	0.2	113.7	280.1	431.8	4 146.2
Luxembourg	57.2	34.0	396.5	0.0	205.8	15.2	36.9	745.5
Madagascar	1.3	1.0	21.9		0.3	5.9	0.5	30.9
Malawi	1.0	0.3	0.1	0.0	12.0	0.6	0.0	13.9
Malaysia	2 706.7	1 000.9	805.9	2.6	775.4	508.6	645.2	6 445.4
Maldives	0.0	0.0	0.0		0.0	0.0	0.0	0.1
Mali	0.5	1.2	0.2	0.0	0.0	0.0	35.6	37.7
Malta	0.3	3.2	2.1	0.0	0.0	0.0	1.9	7.6
Marshall Islands	2.3	0.0	0.2		0.0	0.0	0.0	2.4
Mauritania	0.1	0.5	0.7		0.0	0.0	0.0	1.3
Mauritius	3.7	0.4	9.4	0.0	0.1	1.8	3.0	18.3
Mexico	2 839.1	296.1	1 560.6	1.3	45.4	6.7	140.0	4 889.2
Micronesia (Federated States of)	0.1				0.0	0.0	0.0	0.1
Mongolia	3.1	0.0	0.1	0.1	0.0	0.7	0.3	4.3
Montenegro	6.6	0.1	3.7	0.0	1.1	28.8	16.6	56.8
Morocco	47.0	20.8	114.7	0.3	44.3	0.3	6.7	233.9
Mozambique	13.2	2.8	4.4	0.1	0.0	23.7	69.9	114.1
Myanmar	8.5	3.3	4.2	0.0	9.9	181.2	129.0	336.2
Namibia	4.3	0.3	1.2	0.0	0.6	0.8	61.8	69.0
Nauru	0.0	0.0	0.0		0.0	0.0	0.0	0.0

TABLE 36.
FOREST PRODUCTS EXPORTS, 2023 (USD MILLION) (CONTINUED)

COUNTRY	SECONDARY PROCESSED WOOD PRODUCTS	PAPER AND PAPERBOARD	SECONDARY PROCESSED PAPER PRODUCTS	WOOD PULP	WOOD-BASED PANELS	SAWNWOOD	OTHER	TOTAL
Nepal	1.7	3.7	1.7	0.3	0.0	0.0	0.4	7.8
Netherlands (Kingdom of the)	2 606.2	2 303.8	3 448.9	1 152.3	354.0	343.7	710.7	10 919.6
New Zealand	84.0	133.2	81.6	386.3	213.1	532.0	2 094.0	3 524.1
Nicaragua	9.9	0.2	3.5	0.0	0.2	3.6	8.4	25.7
Niger	0.1	0.1	0.1	0.0	0.1	0.0	0.2	0.5
Nigeria	6.8	1.8	5.5	0.0	0.5	8.1	110.9	133.6
North Macedonia	63.9	10.5	18.3	0.2	0.6	3.2	6.6	103.3
Norway	210.7	645.5	65.6	333.0	137.5	211.8	479.3	2 083.5
Oman	23.3	40.1	38.0	3.3	3.1	1.3	3.6	112.6
Pakistan	8.7	39.5	16.8	0.4	28.2	0.1	0.5	94.1
Palau	0.0	0.0			0.0	0.0	0.0	0.0
Panama	1.6	6.7	8.4	0.2	1.0	4.6	58.3	80.7
Papua New Guinea	6.8	0.0	0.1	0.1	8.2	34.4	556.9	606.4
Paraguay	13.5	62.5	2.3	0.1	18.3	5.3	57.7	159.6
Peru	44.0	63.3	56.2	0.7	3.8	43.1	5.9	217.1
Philippines	1 004.4	56.4	39.4	0.4	53.3	63.8	191.6	1 409.3
Poland	12 913.2	2 420.8	3 996.1	182.9	1 452.8	385.4	926.5	22 277.6
Portugal	1 474.3	1 743.8	727.9	813.6	284.9	61.6	333.0	5 439.2
Qatar	0.8	3.2	1.0	0.0	0.2	0.0	1.6	6.9
Republic of Korea	85.1	1 993.7	782.0	23.6	16.6	5.2	96.2	3 002.4
Republic of Moldova	57.6	1.4	22.9	0.0	1.7	0.1	2.2	86.1
Romania	1 978.6	351.3	379.9	2.3	927.3	465.8	317.5	4 422.5
Russian Federation	396.7	1 315.4	116.1	1 273.0	1 011.6	3 457.3	443.2	8 013.3
Rwanda	0.1	0.8	1.3	0.0	0.0	0.0	0.6	2.8
Saint Kitts and Nevis	0.1		0.0		0.0	0.0	0.0	0.1
Saint Lucia	0.2	0.0	2.8		0.0	0.0	0.1	3.1
Saint Vincent and the Grenadines	0.2	0.3	0.9		0.0	0.0	0.0	1.4
Samoa	0.1	0.5	0.1	0.0	0.0	0.0	0.0	0.7
San Marino							0.0	0.0
Sao Tome and Principe	0.0	0.2	0.0		0.0	0.0	0.0	0.2
Saudi Arabia	43.6	189.9	440.4	0.6	26.0	7.1	42.1	749.7
Senegal	3.5	3.6	17.7	0.3	1.5	0.5	0.3	27.3
Serbia	534.3	377.2	293.5	0.5	32.9	96.3	61.4	1 396.2
Seychelles	0.1	0.0	0.0	0.3	0.0	0.1	0.1	0.7
Sierra Leone	2.4	0.8	0.3	0.3	0.1	0.0	2.0	6.0
Singapore	111.2	833.3	321.4	537.1	14.3	17.3	89.1	1 923.8
Slovakia	917.3	781.8	530.4	79.0	272.7	248.8	324.5	3 154.5
Slovenia	613.3	538.9	299.1	0.9	132.0	262.3	381.3	2 227.7
Solomon Islands	0.3	0.0	0.0		0.0	10.0	290.1	300.5
Somalia	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.4
South Africa	178.1	385.0	283.4	1 118.2	88.2	42.4	325.0	2 420.4
South Sudan	0.0		0.0		0.0	0.2	1.3	1.6

TABLE 36.
FOREST PRODUCTS EXPORTS, 2023 (USD MILLION) (CONTINUED)

COUNTRY	SECONDARY PROCESSED WOOD PRODUCTS	PAPER AND PAPERBOARD	SECONDARY PROCESSED PAPER PRODUCTS	WOOD PULP	WOOD-BASED PANELS	SAWNWOOD	OTHER	TOTAL
Spain	2 107.4	2 551.5	2 362.5	567.3	1 007.3	91.1	627.3	9 314.3
Sri Lanka	45.3	9.8	54.9	0.1	2.2	2.1	31.9	146.4
Sudan	0.1	0.4	0.1		0.1	0.2	1.9	2.9
Suriname	3.0	0.0	0.3		0.1	9.6	56.7	69.8
Sweden	1 821.5	7 910.8	1 172.8	3 046.8	145.7	3 617.5	392.4	18 107.5
Switzerland	387.8	660.1	369.0	0.5	263.6	68.6	153.3	1 903.0
Syrian Arab Republic	1.7	2.9	3.6	0.0	0.2	0.0	0.2	8.6
Tajikistan	0.1	0.7	4.5	0.0	0.0	0.0	0.0	5.3
Thailand	641.4	984.8	546.3	109.2	1 362.4	1 134.2	1 241.7	6 019.8
Timor-Leste	0.2	0.0		0.0	0.0	0.0	0.0	0.3
Togo	1.8	0.1	2.7		0.6	20.1	1.9	27.2
Tonga	0.1	0.7	0.0		0.0	0.0	0.0	0.8
Trinidad and Tobago	7.8	14.5	52.9		0.2	0.4	1.2	76.9
Tunisia	10.6	88.6	121.9	1.8	3.3	0.0	2.9	229.2
Türkiye	2 657.4	1 013.0	1 503.8	91.6	1 229.4	43.6	108.3	6 647.1
Turkmenistan	1.4	0.4	0.2	0.0	0.0	0.0	0.1	2.2
Tuvalu	0.0	0.0			0.0	0.0	0.1	0.1
Uganda	1.9	2.0	5.0	0.0	42.0	1.0	32.2	84.1
Ukraine	842.5	68.9	142.7	0.1	188.5	382.2	472.6	2 097.4
United Arab Emirates	652.7	971.0	654.7	86.4	100.2	64.7	102.8	2 632.5
United Kingdom of Great Britain and Northern Ireland	1 149.0	1 156.2	1 619.4	1.2	159.6	103.6	742.5	4 931.5
United Republic of Tanzania	3.3	11.4	8.0	0.0	29.0	69.1	32.5	153.2
United States of America	3 819.5	8 466.7	6 537.0	6 185.3	737.1	2 849.2	6 772.2	35 367.0
Uruguay	2.3	0.2	21.0	2 467.5	78.4	167.1	287.5	3 024.0
Uzbekistan	8.2	25.2	27.6	0.1	6.4	2.4	42.1	111.9
Vanuatu	0.1	0.0	0.0		0.1	0.0	4.9	5.1
Venezuela (Bolivarian Republic of)	0.7	14.1	3.4	0.3	0.3	19.3	26.9	64.9
Viet Nam	8 479.8	1 015.0	1 163.4	9.1	1 085.0	102.8	3 051.6	14 906.6
Yemen	0.5	0.3	0.0		0.1	0.0	0.1	1.0
Zambia	2.4	1.3	12.7	0.0	0.1	35.3	9.6	61.3
Zimbabwe	3.3	10.7	7.5	0.0	2.5	2.4	3.2	29.6

Source: FAO. 2024. FAOSTAT: Forestry Production and Trade. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/FO>.
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TABLE 37.
FAO FOOD PRICE INDICES (2014–2016=100)

TIME	FAO FOOD PRICE INDEX AND SUBINDICES						FISH
	FOOD PRICE INDEX	OILS	DAIRY	MEAT	SUGAR	CEREALS	
January 2022	135.7	185.9	134.3	111.7	140.6	112.7	113.2
February 2022	141.7	201.7	145.0	113.7	145.3	110.5	118.7
March 2022	160.2	251.8	149.6	119.3	170.1	117.9	125.8
April 2022	158.8	237.5	150.7	121.3	169.7	121.5	132.1
May 2022	158.7	229.2	149.7	122.5	173.5	120.4	131.9
June 2022	155.7	211.8	158.2	125.4	166.3	117.3	132.8
July 2022	141.6	168.8	155.6	123.3	147.3	112.8	117.7
August 2022	138.7	163.3	153.1	120.3	145.6	110.5	116.9
September 2022	137.3	152.6	152.8	119.9	147.9	109.7	108.0
October 2022	136.7	151.3	149.2	116.5	152.3	108.6	115.4
November 2022	136.0	154.7	147.4	114.1	150.1	114.4	106.0
December 2022	133.1	144.6	148.6	111.9	147.3	117.2	109.9
January 2023	131.4	140.4	144.7	110.5	147.5	116.8	119.9
February 2023	130.7	135.9	138.7	112.1	146.7	125.2	120.8
March 2023	128.0	131.8	135.3	114.1	138.6	127.0	127.4
April 2023	128.4	130.0	129.3	116.0	136.1	149.4	124.4
May 2023	124.5	118.7	121.7	117.4	129.3	157.2	122.8
June 2023	123.0	115.8	119.9	118.6	126.6	152.2	123.7
July 2023	124.4	129.8	119.1	117.9	125.9	146.3	117.9
August 2023	121.8	125.8	114.3	114.5	125.0	148.2	110.8
September 2023	121.7	120.9	112.0	113.4	126.3	162.7	107.5
October 2023	120.7	120.0	114.6	112.0	124.8	159.2	110.3
November 2023	120.6	124.1	116.5	111.6	121.0	161.4	111.2
December 2023	119.1	122.3	118.7	111.2	122.8	134.2	110.6
January 2024	117.6	122.5	118.7	108.9	119.9	136.4	117.3
February 2024	117.4	120.9	120.7	112.5	113.8	140.8	119.0
March 2024	118.9	130.6	124.0	114.9	110.9	133.4	117.8
April 2024	119.2	130.9	123.8	116.6	111.6	126.6	120.0
May 2024	120.5	127.8	126.3	116.7	118.7	117.1	123.6
June 2024	121.0	131.8	127.9	118.1	115.2	119.4	111.8
July 2024	120.9	135.0	127.9	120.0	110.7	119.5	109.2
August 2024	121.7	136.1	131.3	122.0	110.2	113.9	108.2
September 2024	124.6	142.4	136.5	119.9	113.6	126.3	107.2
October 2024	126.9	152.7	139.0	119.2	114.4	129.6	107.8
November 2024	127.7	164.1	140.0	118.7	111.4	126.4	108.4
December 2024	127.4	162.1	141.9	119.6	111.4	119.3	113.9
January 2025	124.7	153.0	143.1	116.7	111.8	111.2	120.2
February 2025	126.6	156.0	147.7	116.9	112.6	118.5	115.5
March 2025	127.2	161.8	148.7	118.3	109.7	116.9	117.5
April 2025	128.2	158.0	151.7	121.6	110.9	112.3	117.2
May 2025	127.1	152.2	153.6	122.8	109.0	109.4	112.5
June 2025	128.1	155.7	155.5	126.0	107.3	103.6	116.7
July 2025	130.0	166.8	154.6	127.2	106.5	103.3	110.0
August 2025	130.1	169.1	152.6	128.0	105.6	103.6	109.8

Sources: FAO. 2025. FAO Food Price Index. In: *FAO*. Rome. [Cited 28 October 2025].
<https://www.fao.org/worldfoodsituation/foodpricesindex/en/>; and FAO. 2025. FAO Fish Price Index In: *FAO*. [Cited 28 October 2025].
<https://www.fao.org/fishery/en/fishstat/fishpriceindex>

TABLE 38.
ANNUAL CHANGES IN PRICES RECEIVED BY FARMERS (PERCENT)

COUNTRY	2000	2005	2010	2015	2020	2021	2022	2023	2024
World									
Africa									
Americas									
Asia									
Europe									
Oceania									
Afghanistan	-3.2	-0.5	22.3	13.4	1.4	3.1	3.7	1.5	2.6
Albania	1.6	-0.6	8.3	1.7	-0.8	8.4	19.6	13.3	10.6
Algeria	4.4	-1.2	3.9	5.2	3.8	7.5	0.9	9.7	6.8
Andorra									
Angola				10.5	2.9	3.2	4.0	-1.8	8.6
Antigua and Barbuda	0.0	0.0	0.2	2.2	1.8	10.0	1.5	17.1	2.4
Argentina	3.9	-8.4	13.8	20.0	17.9	16.6	23.9	30.2	10.4
Armenia	-10.6	-18.9	49.1	-10.8	-3.3	14.6	12.2	-12.9	1.0
Australia	-3.2	-5.5	-9.7	1.4	0.4	-3.9	9.1	-2.1	-3.2
Austria	1.1	-3.3	29.4	-0.2	3.5	17.4	24.0	-8.6	9.2
Azerbaijan	12.1	8.8	20.9	-0.3	7.3	8.2	19.8	6.8	8.5
Bahamas									
Bahrain									
Bangladesh	-2.8	7.9	1.5	-0.5	9.3	18.0	5.5	-2.0	3.4
Barbados	-3.0	5.5	2.9	0.4	-0.6	-0.8	1.1	6.3	4.0
Belarus	186.4	11.6	42.4	3.8	9.0	19.6	18.3	0.6	12.3
Belgium		12.3	11.8	-0.6	0.2	15.3	20.9	-14.9	3.4
Belize	-1.5	1.6	2.0	1.1	1.1	2.8	22.4	13.9	1.4
Benin	3.1	1.7	-1.6	-3.0	27.8	10.8	0.2	-15.3	-1.6
Bhutan	5.5	1.7	19.5	-3.8	11.7	6.0	0.9	8.3	5.7
Bolivia (Plurinational State of)	0.0	-2.7	11.6	-14.3	13.9	-0.9	7.5	4.6	4.4
Bosnia and Herzegovina	3.7	-5.5	8.7	-5.0	0.3	16.4	22.1	5.1	17.2
Botswana	10.1	-8.9	6.6	-6.7	-10.0	-4.4	2.6	-5.3	-5.6
Brazil	7.9	-4.9	1.6	3.4	23.9	45.0	13.7	10.7	15.3
Brunei Darussalam	0.4	-6.5	0.8	-11.2	3.3	10.3	4.7	-8.2	0.8
Bulgaria	18.8	-16.7	15.1	0.7	6.9	21.4	34.0	-19.3	18.3
Burkina Faso	-14.8	9.2	2.3	-3.9	1.5	8.2	29.0	-10.9	1.9
Burundi	38.2	26.3	3.1	25.6	8.7	3.1	2.0	-3.3	-1.4
Cabo Verde	-2.2	0.3	-5.0	-2.1	-1.9	-2.0	6.9	3.5	3.0
Cambodia	-7.0	9.5	19.5	-4.7	9.8	6.1	11.9	0.2	9.6
Cameroon	-4.3	3.3	11.7	-12.7	4.4	5.7	-0.4	3.2	4.1
Canada	-3.3	-12.4	-6.3	5.9	3.7	22.3	26.5	-7.2	3.6
Central African Republic				-11.5	-0.6	0.0	-0.4	1.8	0.5
Chad			-2.3	-23.6	5.7	4.9	14.0	-1.6	7.3
Chile	9.9	6.3	-2.2	12.0	20.8	6.0	-23.8	53.8	9.9
China, mainland	9.5	3.3	4.9	0.0	2.2	-11.0	7.9	3.8	-3.4
Colombia	14.9	4.1	5.0	11.9	5.6	0.0	30.3	0.2	6.8
Comoros									

TABLE 38.
ANNUAL CHANGES IN PRICES RECEIVED BY FARMERS (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2020	2021	2022	2023	2024
Congo	-4.2	26.8	39.6	-14.0	-0.4	1.2	0.8	-5.8	5.5
Costa Rica	0.4	13.0	-0.6	4.9	1.9	3.4	8.7	1.0	4.4
Côte d'Ivoire	14.8	15.0	27.0	0.7	1.7	5.6	-2.0	-9.1	13.7
Croatia	6.6	-0.8	17.3	1.9	2.7	23.7	31.2	-87.1	377.9
Cuba	88.4	106.2	11.6	4.6	-1.0	2.4	2.3	10.9	8.1
Cyprus	6.7	4.5	2.5	-0.5	-1.5	0.0	7.1	4.3	4.8
Czechia	13.8	-14.0	11.7	-11.6	-3.3	9.1	36.9	-9.2	5.4
Democratic People's Republic of Korea									
Democratic Republic of the Congo									
Denmark	-1.6	-7.8	14.2	-8.9	-3.1	10.2	37.4	-5.6	4.6
Djibouti									
Dominica									
Dominican Republic	-10.0	8.4	4.8	17.4	4.7	7.9	47.0	6.0	14.5
Ecuador	119.9	1.8	6.7	-0.6	0.5	-1.5	-0.2	4.5	4.6
Egypt	0.9	8.2	14.2	7.1	5.9	-18.1	40.0	25.4	-2.4
El Salvador	3.6	18.1	13.2	5.8	-1.7	-3.5	29.6	-4.9	-1.7
Equatorial Guinea	-11.9	44.8	-8.2	-20.8	-11.9	2.8	-1.6	-6.9	-5.1
Eritrea	24.4	-2.4	11.6	9.9	-1.1	5.3	2.8	4.8	3.3
Estonia	32.1	3.1	43.3	-14.3	-1.6	19.8	32.2	-13.6	6.7
Eswatini									
Ethiopia	2.1	14.2	-18.1	-0.7	5.7	7.7	7.9	27.1	13.5
Fiji	-4.8	4.2	-31.5	-8.1	-2.4	9.3	-1.7	-2.3	2.4
Finland	-1.8	-5.9	5.9	-6.6	-2.1	9.2	33.0	-7.0	1.4
France	3.3	3.9	22.5	4.0	6.8	17.2	9.2	-4.2	15.2
Gabon									
Gambia	9.7	13.6	7.1	18.8	20.7	3.9	3.1	0.7	1.2
Georgia	-0.9	-14.2	7.8	-6.9	4.3	11.2	15.0	-4.6	7.7
Germany	0.8	-6.5	25.1	-8.7	-2.3	9.9	37.9	-12.5	8.0
Ghana	46.9	24.7	21.2	20.1	38.6	34.9	28.0	17.7	16.2
Greece	4.3	4.0	3.0	3.2	-1.3	5.9	15.0	11.7	11.0
Grenada				8.9	-3.5	-3.5	9.7	3.6	-1.2
Guatemala									
Guinea	-0.9	23.2	3.5	0.9	59.5	4.0	4.1	5.5	5.2
Guinea-Bissau	-7.1	3.1	4.7	9.9	-2.3	-20.4	15.8	-21.6	-0.6
Guyana	1.0	1.3	-2.8	3.6	-7.8	47.7	-1.8	-3.9	3.1
Haiti									
Honduras	9.3	13.9	2.7	3.1	2.6	2.6	2.5	11.2	-3.2
Hungary	26.5	-4.4	25.3	5.0	7.1	25.1	55.0	-24.0	19.3
Iceland	4.5	3.7	-0.1	1.6	5.2	4.5	10.9	11.4	8.3
India	0.3	5.4	17.7	6.0	-2.0	16.1	6.2	1.8	3.6
Indonesia	-3.0	10.7	15.0	5.4	7.9	3.9	10.5	6.7	0.2
Iran (Islamic Republic of)	10.6	2.5	7.4	3.2	47.7	58.1	56.7	18.2	19.9
Iraq	13.1	34.2	4.9	-2.1	0.1	2.8	6.4	2.9	2.8
Ireland	0.4	0.0	23.6	-17.8	-3.0	18.1	31.2	-21.6	6.0

TABLE 38.
ANNUAL CHANGES IN PRICES RECEIVED BY FARMERS (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2020	2021	2022	2023	2024
Israel	-5.2	10.2	2.5	3.1	2.6	-3.8	0.3	9.7	2.5
Italy	0.0	-6.9	4.3	-0.7	-0.6	4.1	18.9	-1.2	6.4
Jamaica	25.5	25.8	4.7	10.2	16.6	1.7	1.6	33.6	13.6
Japan	-7.3	-3.9	6.0	2.9	3.8	-2.0	1.5	5.1	3.8
Jordan	-6.8	1.4	4.7	4.8	0.9	-2.0	4.2	-4.1	3.1
Kazakhstan	25.6	2.2	-0.7	9.9	12.6	20.8	14.6	-1.5	25.4
Kenya	9.1	-1.1	-3.1	22.7	-1.1	3.6	7.6	3.5	5.3
Kiribati									
Kuwait				-27.1	-23.4	0.1	0.5	-0.1	0.0
Kyrgyzstan	36.6	16.4	-6.7	-7.9	18.9	32.7	4.4	-1.6	4.3
Lao People's Democratic Republic	7.2	5.5	8.9	6.6	3.0	-4.7	-0.1	-7.6	-2.2
Latvia	1.1	5.5	32.9	-8.0	-2.8	16.5	40.7	-20.1	7.1
Lebanon	3.9	1.0	-7.5	-1.0	-2.4	3.6	3.4	1.8	3.1
Lesotho									
Liberia									
Libya									
Lithuania	-0.8	-0.9	36.0	-4.3	-0.9	18.0	49.1	-23.0	7.7
Luxembourg		-2.7	18.9	-12.2	2.3	6.4	23.7	-5.9	3.8
Madagascar	1.0	25.2	-17.0	-10.5	8.8	6.0	-1.1	-0.2	0.7
Malawi	23.7	32.6	-3.5	15.0	15.3	8.9	14.9	20.1	10.8
Malaysia	-14.6	-4.3	29.5	-7.5	19.0	50.1	12.9	-21.6	31.8
Maldives		-6.2	264.3	41.7	-4.0	1.0	0.6	-1.6	0.4
Mali	-11.3	27.4	9.2	-5.0	2.8	3.0	25.1	-5.6	3.4
Malta	-32.7	-0.8	-4.5	25.4	-7.5	6.2	4.7	11.3	6.2
Marshall Islands									
Mauritania									
Mauritius	5.7	7.3	-6.4	-4.3	17.3	13.2	36.7	1.4	8.3
Mexico	-2.2	-3.9	6.0	5.2	1.8	9.9	14.0	2.1	4.6
Micronesia (Federated States of)									
Mongolia	9.7	7.4	20.8	9.7	33.6	15.2	38.5	23.5	7.3
Montenegro									
Morocco	0.1	3.7	5.3	-1.4	11.6	11.6	21.2	4.9	7.9
Mozambique	-0.1	19.3	-10.5	28.9	14.9	-20.1	4.4	6.4	6.9
Myanmar	0.8	34.1	3.0	12.9	22.6	6.8	61.8	-8.9	10.1
Namibia	4.9	10.9	24.5	-11.5	0.5	3.1	0.7	-3.2	-0.1
Nauru									
Nepal	7.7	9.5	19.6	4.6	0.4	11.7	0.5	6.9	5.1
Netherlands (Kingdom of the)	-4.0	-1.1	20.3	-4.1	-10.8	9.4	38.4	2.6	7.3
New Zealand	2.6	2.1	16.1	-35.2	4.8	4.8	17.4	-8.2	9.5
Nicaragua	4.2	9.7	4.8	-0.5	4.5	5.6	29.9	11.8	
Niger	9.8	21.1	-0.7	-1.7	-9.7	0.9	2.8	-0.5	-0.6
Nigeria	9.0	20.6	67.5	-0.2	4.4	1.0	6.6	6.9	1.2
North Macedonia	7.3	-0.4	4.3	-0.4	-2.3	8.2	32.9	10.5	11.9
Norway	0.4	2.6	2.5	5.9	5.7	6.4	7.8	6.7	3.2

TABLE 38.
ANNUAL CHANGES IN PRICES RECEIVED BY FARMERS (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2020	2021	2022	2023	2024
Oman				28.7	5.0	0.0	0.0	5.8	-3.7
Pakistan	5.7	3.0	16.8	1.2	9.0	6.7	21.2	30.7	21.9
Palau									
Panama	-0.1	-4.0	-0.4	13.9	-8.4	-2.3	10.2	4.5	9.8
Papua New Guinea									
Paraguay	39.2	-12.9	5.2	-8.8	14.8	47.0	5.7	-14.1	7.9
Peru	-7.4	-1.0	2.5	4.8	2.9	7.0	13.6	10.2	9.2
Philippines	-6.1	5.2	8.3	-5.8	1.5	4.0	3.7	6.3	7.8
Poland	11.6	-5.0	22.3	-1.6	-0.4	15.9	43.6	-13.4	9.2
Portugal	11.1	3.8	9.0	-9.4	-2.0	8.6	29.4	8.3	12.2
Qatar	-8.4	12.9	11.0	3.2	6.7	-5.7	3.9	-5.6	-1.3
Republic of Korea	-4.3	-8.1	0.9	2.3	0.5	5.3	-3.6	1.0	6.8
Republic of Moldova	29.7	6.5	49.0	26.7	25.0	8.3	13.8	-12.4	10.1
Romania	64.3	-10.0	13.4	0.7	6.0	9.4	30.8	-0.5	12.7
Russian Federation	19.5	-0.5	8.7	18.7	10.5	21.8	3.6	3.0	-3.1
Rwanda	12.2	18.4	2.6	4.6	8.2	1.8	78.6	-17.4	4.2
Saint Kitts and Nevis					-4.4	-1.1	-1.7	-3.5	-1.9
Saint Lucia	-18.5	10.2	3.7	3.2	-8.0	10.5	3.6	5.3	3.8
Saint Vincent and the Grenadines			5.9	5.8	0.7	1.9	6.2	3.4	1.5
Samoa				31.4	-3.6	-5.2	28.0	17.2	12.2
San Marino									
Sao Tome and Principe									
Saudi Arabia	1.4	4.1	-2.9	-14.3	24.3	2.7	8.5	1.0	2.5
Senegal	4.0	5.3	-0.9	-5.4	3.2	4.7	15.5	9.9	7.5
Serbia			38.9	5.5	7.9	23.4	24.7	-16.6	18.5
Seychelles			7.6	0.7	-10.3	5.6	11.4	5.3	-0.3
Sierra Leone				3.2	8.9	-1.6	3.5	-6.3	-2.0
Singapore	-1.6	-4.1	-7.3	-0.5	-0.7	9.4	24.5	11.9	11.4
Slovakia	8.3	-7.3	20.3	-1.2	-0.8	16.1	39.2	-18.1	8.9
Slovenia	7.1	-2.0	8.4	-4.8	-3.7	16.5	26.6	-5.4	10.2
Solomon Islands									
Somalia									
South Africa	-4.3	-6.5	0.0	-4.8	4.8	6.4	11.7	15.6	8.1
South Sudan									
Spain	4.3	4.9	12.5	2.8	3.6	9.5	20.7	9.3	9.9
Sri Lanka	2.3	10.2	7.0	6.2	16.5	9.0	71.3	-0.5	10.7
Sudan									
Suriname	80.4	18.9	1.2	-2.0	26.7	107.9	55.4	44.9	29.0
Sweden	-4.4	-4.2	21.9	-4.9	0.8	11.8	40.0	-7.6	4.2
Switzerland	-3.9	-2.2	-1.8	-3.6	1.2	5.9	6.1	2.1	3.1
Syrian Arab Republic	1.9	10.7	3.3	12.2	30.0	9.9	13.9	12.8	10.6
Tajikistan	-2.0	25.7	18.7	-6.9	0.4	0.2	2.2	3.8	3.1
Thailand	-7.5	14.4	25.1	-0.9	-3.0	4.8	11.9	-0.3	14.2
Timor-Leste			28.6	8.5	8.8	7.7	5.0	6.1	5.3

TABLE 38.
ANNUAL CHANGES IN PRICES RECEIVED BY FARMERS (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2020	2021	2022	2023	2024
Togo	-6.8	30.3	0.0	7.3	-3.5	14.2	4.9	-3.1	0.8
Tonga									
Trinidad and Tobago	0.7	-16.3	-5.2	3.3	-5.4	10.4	7.2	-4.6	-1.4
Tunisia	-3.4	6.3	3.1	6.1	0.3	8.1	9.8	1.8	3.6
Türkiye	47.7	6.6	14.5	6.5	15.2	25.0	141.5	73.2	42.5
Turkmenistan	20.7	5.2	2.3	-18.8	2.7	12.0	26.2	8.8	10.2
Tuvalu									
Uganda									
Ukraine	40.0	5.7	43.7	53.3	13.3	25.7	6.2	-0.6	19.9
United Arab Emirates									
United Kingdom of Great Britain and Northern Ireland	-5.3	-5.1	9.3	-12.1	4.2	9.9	25.3	-4.9	9.3
United Republic of Tanzania	-7.7	2.6	9.1	10.5	3.4	3.6	3.0	3.9	1.9
United States of America	-2.5	0.7	22.5	-8.1	7.5	12.2	23.2	-12.8	9.0
Uruguay	5.7	-12.5	-0.4	-9.0	27.2	19.2	8.6	6.9	6.4
Uzbekistan									
Vanuatu	0.1	-0.2	14.9	-5.1	6.3	0.1	1.2	-0.8	-0.7
Venezuela (Bolivarian Republic of)									
Viet Nam	0.9	17.8	13.3	-1.1	3.6	12.5	-7.3	6.5	3.6
Yemen	11.7	8.5	-2.0	4.7	-1.7	49.2	41.2	27.7	21.1
Zambia			22.3	9.4	0.8	26.2	7.4	31.6	26.8
Zimbabwe	121.0	276.2		276.2					

Source: Based on FAO. 2025. FAOSTAT: Producer prices. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/PP>.

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TABLE 39.
INFLATION IN FOOD CONSUMER PRICES (PERCENT)

COUNTRY	2016	2017	2018	2019	2020	2021	2022	2023	2024
World	1.8	2.5	2.2	2.3	3.4	3.3	10.5	9.3	3.6
Africa	4.7	5.4	3.1	3.2	4.9	6.4	12.3	10.6	5.8
Americas	1.5	1.4	2.2	2.1	2.7	3.0	10.1	8.2	3.6
Asia	2.6	2.6	2.6	2.9	4.9	4.1	7.2	5.4	3.6
Europe	0.6	2.5	1.9	2.0	2.3	1.7	12.1	11.8	2.5
Oceania	1.2	1.3	1.2	1.6	2.5	2.7	8.1	8.6	3.2
Afghanistan	5.7	6.9	-1.1	3.8	10.0	5.5	19.0	-7.7	-10.7
Albania	3.3	3.9	2.7	2.9	3.6	3.9	11.7	9.4	2.6
Algeria	3.4	5.0	3.4	-0.5	0.2	10.0	13.4	13.3	3.3
Andorra	0.8	2.9	2.1	1.1	2.4	1.5	8.9	12.2	2.8
Angola	32.7	28.6	15.9	16.5	27.1	32.1	24.5	13.2	31.9
Antigua and Barbuda	-0.1	1.9	3.3	1.6	2.1	1.2	10.5	7.1	5.3
Argentina	13.0	17.6	31.7	58.6	47.5	49.6	72.4	134.0	235.1
Armenia	-3.2	4.1	2.3	1.8	0.3	11.3	13.0	-0.6	-1.9
Australia	0.7	0.9	0.8	2.3	3.3	1.2	6.5	6.6	3.5
Austria	0.7	2.4	1.5	1.0	2.3	0.8	10.6	11.1	2.5
Azerbaijan	13.7	17.3	2.0	3.3	4.6	8.1	20.1	9.9	1.1
Bahamas	-0.9	-0.1	2.4	0.1	1.6	2.1	13.5	4.7	3.0
Bahrain	1.3	1.0	2.1	2.4	3.5	-0.1	10.4	6.0	2.9
Bangladesh	4.5	7.2	6.2	5.6	5.8	5.3	7.7	10.4	11.4
Barbados	8.2	6.2	1.6	5.9	7.7	3.3	14.9	21.6	3.6
Belarus	10.7	7.1	4.0	6.4	4.3	9.6	16.6	4.2	5.8
Belgium	2.2	1.3	2.2	0.8	2.9	-0.4	8.7	13.6	1.7
Belize	0.1	-1.1	-0.5	0.6	1.1	4.8	7.8	12.4	5.6
Benin	-0.5	-0.1	1.3	-0.7	3.0	5.8	-0.7	0.2	0.8
Bhutan	4.0	7.5	5.0	3.6	11.2	9.0	4.2	3.9	4.6
Bolivia (Plurinational State of)	5.5	3.3	2.6	3.3	-0.6	0.6	2.2	4.9	7.7
Bosnia and Herzegovina	-1.3	1.3	0.6	1.1	1.0	3.5	21.3	10.8	2.1
Botswana	2.7	3.4	-0.5	1.4	3.7	7.1	9.8	11.9	4.8
Brazil	12.5	0.9	0.9	4.8	9.0	12.4	12.0	4.1	4.6
Brunei Darussalam	-0.5	0.3	1.9	-0.7	2.5	2.4	5.1	2.7	0.5
Bulgaria	-0.2	4.0	2.2	5.2	5.4	2.7	21.8	13.9	2.6
Burkina Faso	1.0	1.3	3.4	-6.4	3.7	6.8	23.8	-1.2	6.2
Burundi	7.2	24.0	-11.1	-3.1	12.1	10.4	24.1	37.4	18.1
Cabo Verde	-0.6	-0.2	0.4	1.4	1.6	0.5	15.7	8.9	1.0
Cambodia	5.6	3.4	2.5	2.1	4.6	2.7	5.0	3.2	
Cameroon	1.1	0.0	1.2	2.9	3.6	4.2	12.7	10.9	5.5
Canada	1.0	-1.0	0.8	3.7	2.4	2.2	9.7	7.9	2.2
Central African Republic									
Chad	-4.1	-3.8	-1.9	-5.2	9.4	-1.6	12.3	15.0	10.7
Chile	3.8	2.0	3.1	2.6	6.7	5.4	17.5	12.4	4.7
China, mainland	4.5	-1.3	1.8	9.2	10.8	-1.7	2.7	-0.3	-0.6
Colombia	13.1	0.7	0.8	4.9	5.6	9.6	24.9	14.9	3.2
Comoros	2.6	0.8	2.5	4.9	0.3	-0.1	12.9	6.6	

TABLE 39.
INFLATION IN FOOD CONSUMER PRICES (PERCENT) (CONTINUED)

COUNTRY	2016	2017	2018	2019	2020	2021	2022	2023	2024
Congo	0.5	-1.2	0.0	-0.2	2.2	3.0	6.2	4.3	2.4
Costa Rica	-0.8	1.7	1.6	0.8	0.5	2.2	15.3	3.5	-1.2
Côte d'Ivoire	3.0	0.4	-0.5	-3.6	4.2	7.7	8.8	6.5	4.5
Croatia	-0.5	2.9	1.0	-0.1	1.9	1.6	15.8	12.8	3.9
Cuba									
Cyprus	-0.3	-0.3	0.7	0.6	1.2	-0.4	8.9	7.8	3.3
Czechia	-0.9	5.2	1.3	2.8	4.5	0.8	16.5	11.7	-2.3
Democratic People's Republic of Korea									
Democratic Republic of the Congo	3.0								
Denmark	0.1	2.8	0.0	1.4	0.6	0.6	11.4	8.5	1.7
Djibouti	6.0	1.9	0.2	5.7	4.8	1.7	10.6	2.6	2.5
Dominica	0.1	-0.2	2.2	1.9	3.9	0.6	2.9	9.3	4.5
Dominican Republic	2.2	2.3	3.6	3.7	6.3	9.9	11.1	7.8	4.0
Ecuador	2.5	0.5	-1.6	0.0	0.7	-0.8	5.2	5.6	2.2
Egypt	16.5	38.8	13.2	7.3	-0.2	4.5	23.3	63.4	33.5
El Salvador	-0.6	0.2	0.5	1.2	1.6	2.2	12.2	7.9	2.0
Equatorial Guinea	-4.1	1.6	0.6	0.8	4.7	-1.2	5.6	2.6	3.9
Eritrea									
Estonia	0.0	5.7	3.0	3.0	2.1	1.8	19.6	16.1	3.2
Eswatini	15.0	8.0	0.0	2.1	4.3	4.8	8.4	12.7	3.9
Ethiopia	6.6	11.2	12.6	18.7	23.2	31.1	37.2	29.5	23.5
Fiji	6.0	-2.2	3.4	4.9	-2.4	6.5	6.1	7.5	7.0
Finland	-1.1	-0.9	1.9	1.2	1.7	0.6	10.4	9.1	0.0
France	0.6	1.1	2.0	2.5	2.0	0.6	7.2	12.4	1.3
Gabon	-0.1	-0.7	3.6	3.1	1.9	1.4	5.9	5.9	2.3
Gambia	8.2	8.7	6.3	6.8	6.6	9.6	14.0	21.8	15.1
Georgia	1.6	6.8	2.2	8.1	10.5	10.7	17.9	3.7	0.0
Germany	0.8	2.8	2.3	1.2	2.1	3.1	12.4	12.4	2.0
Ghana	8.6	7.3	7.8	7.5	11.1	10.3	33.1	48.6	24.7
Greece	-0.2	0.3	0.4	-0.1	1.4	1.4	11.7	11.7	3.4
Grenada	-2.3	0.6	1.1	0.4	1.0	1.7	5.7	7.7	2.6
Guatemala	10.0	8.9	7.3	7.8	6.3	4.9	9.2	10.2	5.1
Guinea	11.5	13.6	13.4	11.4	12.7	15.8	13.8	16.2	15.2
Guinea-Bissau	2.5	-0.3	0.7	0.9	2.9	5.0	9.7	9.5	3.6
Guyana									
Haiti	12.9	11.1	13.8	22.2	27.4	19.6	34.6	37.1	38.0
Honduras	1.0	1.6	3.5	2.2	4.7	2.9	13.4	11.0	4.2
Hungary	0.3	2.6	4.0	5.1	7.2	3.4	26.9	24.6	0.8
Iceland	1.3	-2.4	2.5	3.8	4.9	3.5	7.2	11.8	5.5
India	5.4	1.8	1.7	3.5	8.8	3.7	6.6	6.7	7.6
Indonesia	7.3	1.9	4.1	1.4	4.9	2.8	6.0	4.9	3.9
Iran (Islamic Republic of)	6.6	12.5	21.8	57.2	26.5	59.1	61.6	53.2	26.9
Iraq	-0.7	-2.1	0.5	0.0	-0.5	4.8	6.8	5.9	2.7
Ireland	-1.3	-2.1	-2.0	-0.7	-1.4	-0.2	6.8	9.9	2.6

TABLE 39.
INFLATION IN FOOD CONSUMER PRICES (PERCENT) (CONTINUED)

COUNTRY	2016	2017	2018	2019	2020	2021	2022	2023	2024
Israel	-1.2	0.0	0.9	2.1	0.0	1.0	4.3	4.6	5.6
Italy	0.2	1.9	1.2	0.8	1.4	0.6	9.1	10.1	2.4
Jamaica	4.0	4.4	4.1	6.3	8.5	6.4	12.8	10.1	5.8
Japan	2.1	0.7	1.6	0.2	1.2	0.0	4.9	8.1	4.4
Jordan	-3.5	-0.4	3.2	0.3	2.3	0.1	3.3	0.6	1.5
Kazakhstan	13.0	8.6	4.8	8.0	10.4	10.7	18.8	15.2	5.6
Kenya	10.1	13.4	1.4	8.1	9.1	8.5	12.6	9.7	5.4
Kiribati	1.2	-0.2	-0.8	-1.6	3.8	3.6	3.6	7.2	
Kuwait	1.9	-0.3	0.0	1.1	4.8	9.5	7.4	6.3	5.4
Kyrgyzstan	-6.5	2.5	-2.2	1.4	11.6	18.0	16.2	8.4	1.7
Lao People's Democratic Republic	4.3	-0.1	1.2	4.6	8.7	3.0	20.8	39.1	22.4
Latvia	1.1	5.6	0.6	2.9	2.4	2.2	21.3	13.5	2.8
Lebanon	-1.2	3.7	5.0	4.3	207.7	309.9	277.7	255.2	41.7
Lesotho	11.8	5.7	5.2	6.8	10.3	9.7	8.8	8.3	8.8
Liberia	7.8	6.4	20.8	29.5	20.7	0.3	-1.6	11.7	12.4
Libya	30.1	34.6	19.2	-3.9	-0.4	3.7	4.3	3.4	3.3
Lithuania	1.2	3.6	1.4	2.9	2.3	2.7	25.9	15.0	-0.7
Luxembourg	1.5	2.8	2.2	1.4	2.7	0.9	7.0	10.5	2.2
Madagascar	6.2	9.3	10.8	4.8	3.8	7.4	9.5	12.1	
Malawi	26.7	11.9	13.4	14.3	13.0	11.3	26.6	36.9	40.4
Malaysia	3.9	4.2	1.4	1.6	1.3	1.8	5.7	4.8	1.9
Maldives	0.6	5.6	-1.1	-0.8	2.7	1.8	4.7	5.8	5.8
Mali	-3.2	2.6	-1.9	-1.7	2.5	5.2	14.3	2.4	4.0
Malta	2.1	3.5	2.9	3.6	1.9	2.3	10.4	9.6	3.6
Marshall Islands									
Mauritania	2.3	3.1	4.2	2.7	2.2	5.8	15.3	5.5	1.9
Mauritius	1.1	3.7	3.2	0.0	6.2	4.4	14.7	7.9	8.1
Mexico	4.5	6.9	4.8	4.4	6.6	7.2	13.2	8.2	6.0
Micronesia (Federated States of)	-1.5	-1.4	-1.2	1.4	0.6	1.3	6.5	11.7	
Mongolia	-1.5	4.5	7.1	10.7	7.0	13.7	18.6	15.8	8.0
Montenegro	-0.8	1.7	0.4	3.1	1.6	3.5	22.4	10.9	1.3
Morocco	2.8	0.0	1.0	-1.3	0.9	0.6	11.2	13.0	0.7
Mozambique	27.1	16.6	0.0	3.3	7.1	11.4	12.9	10.0	9.8
Myanmar	5.4	4.4	6.5	9.0	2.8	5.5			
Namibia	10.7	5.6	3.2	4.3	5.2	5.7	7.6	11.4	5.2
Nauru									
Nepal	8.7	1.1	1.6	5.7	7.6	4.1	6.9	6.1	5.0
Netherlands (Kingdom of the)	1.0	2.7	0.8	4.0	1.9	-0.2	10.6	12.0	1.7
New Zealand	-0.6	2.2	-0.1	1.1	3.3	1.9	8.6	10.0	-0.1
Nicaragua	1.5	0.6	4.2	4.6	4.2	6.3	15.7	11.0	
Niger	2.9	3.5	-0.7	-4.6	5.0	7.5	7.4	4.2	12.6
Nigeria	14.7	19.4	14.4	13.7	16.0	20.4	20.7	27.5	39.0
North Macedonia	-1.3	0.2	0.8	1.6	2.4	3.1	20.5	12.1	2.9
Norway	2.6	0.0	2.5	1.1	3.3	-2.0	6.4	9.8	5.3

TABLE 39.
INFLATION IN FOOD CONSUMER PRICES (PERCENT) (CONTINUED)

COUNTRY	2016	2017	2018	2019	2020	2021	2022	2023	2024
Oman	-1.2	0.6	-0.7	1.4	1.1	0.5	4.5	3.3	2.8
Pakistan	2.4	3.3	2.2	10.5	15.5	10.5	24.4	38.5	5.9
Palau	-3.3	2.4	4.1	0.7	2.2	3.1	13.8	16.9	0.0
Panama	1.5	-0.5	-0.6	0.5	-0.7	1.6	3.9	3.4	0.6
Papua New Guinea	5.4	3.0	0.7	3.0	2.3	4.0	6.9	7.3	4.6
Paraguay	5.8	5.8	3.9	1.2	1.2	9.1	15.0	6.0	7.8
Peru	3.6	3.0	-1.6	1.6	1.9	6.0	13.0	11.5	0.0
Philippines	1.6	3.1	6.8	2.1	2.7	5.2	4.5	7.9	4.4
Poland	0.9	4.3	2.6	4.8	4.6	3.0	15.3	15.1	3.4
Portugal	0.5	1.5	0.7	0.3	2.1	0.7	12.8	10.2	2.4
Qatar	-1.9	1.9	0.0	-0.1	-0.1	2.6	4.0	1.4	1.3
Republic of Korea	2.3	3.4	2.8	0.1	4.4	5.9	5.9	5.5	3.9
Republic of Moldova	7.5	8.0	5.5	7.7	7.6	7.0	32.5	13.5	5.2
Romania	-2.6	2.5	3.8	4.7	4.8	3.2	15.5	15.1	3.6
Russian Federation	5.8	2.7	1.6	5.7	4.3	9.6	16.1	4.4	9.6
Rwanda	12.6	12.8	-7.4	3.5	15.7	-4.1	27.4	36.5	-2.6
Saint Kitts and Nevis	-6.1	-0.2	2.4	1.9	0.3	0.2	10.4	5.1	2.3
Saint Lucia	-3.2	-1.5	3.7	2.2	-0.8	-0.1	5.6	6.5	-3.7
Saint Vincent and the Grenadines	-0.6	2.5	2.3	0.6	1.8	2.3	10.1	10.5	7.3
Samoa	5.8	1.3	5.6	1.0	-1.6	3.4	15.4	16.1	4.0
San Marino	2.1	2.6	3.0	1.2	1.7	2.1	10.2	11.2	2.7
Sao Tome and Principe	0.8	6.6	8.7	9.0	12.4	9.5	19.9	23.8	16.3
Saudi Arabia	-1.3	-0.8	6.5	2.1	8.9	5.5	3.7	1.5	0.8
Senegal	3.3	3.8	1.0	1.9	3.2	2.9	14.9	7.2	0.6
Serbia	-0.3	3.3	1.9	2.6	2.5	4.4	18.7	18.3	3.3
Seychelles	0.0	0.3	-0.1	0.0	2.5	14.6	1.4	-0.9	-0.5
Sierra Leone	12.5	19.5	17.7	8.8	13.8	17.0	29.8	56.4	28.4
Singapore	2.3	1.3	1.3	1.1	2.9	1.6	5.2	5.2	1.2
Slovakia	-2.8	4.0	3.9	4.0	2.5	1.8	18.3	17.6	2.5
Slovenia	0.9	2.2	2.7	1.6	3.5	-0.2	12.1	12.3	1.4
Solomon Islands	0.5	-0.7	2.2	-0.4	1.3	-3.0	9.1	5.8	3.4
Somalia	0.9	4.6	7.6	6.1	2.0	2.7	13.9	0.8	-1.2
South Africa	11.6	6.9	3.1	3.5	4.4	6.1	9.2	10.9	4.7
South Sudan	333.7	210.6	71.6	106.4	24.4	21.6	-9.2	28.8	
Spain	1.4	1.2	1.6	1.0	2.4	1.8	11.5	11.7	3.6
Sri Lanka	3.1	11.3	-0.2	0.6	12.2	11.1	58.1	12.4	2.1
Sudan	13.5	34.9	69.0	62.7	136.0	235.0	100.6	49.0	106.7
Suriname	49.6	31.5	9.3	5.3	41.5	61.0	52.4	58.5	8.7
Sweden	1.1	2.1	2.4	2.8	2.1	0.4	11.2	12.3	1.4
Switzerland	0.4	0.4	1.3	0.1	0.1	-1.6	1.6	4.8	0.1
Syrian Arab Republic	57.8	17.5	0.4	14.6	123.5		60.3	115.7	
Tajikistan	5.1	9.2	2.7	11.0	11.6	10.5	7.3	3.7	2.2
Thailand	1.6	0.0	0.4	2.3	1.2	-0.1	6.9	2.6	1.1
Timor-Leste	-2.1	0.9	1.8	1.1	0.9	5.6	7.5	10.2	4.3

TABLE 39.
INFLATION IN FOOD CONSUMER PRICES (PERCENT) (CONTINUED)

COUNTRY	2016	2017	2018	2019	2020	2021	2022	2023	2024
Togo	4.4	-3.3	0.3	-0.5	3.1	8.9	12.4	3.7	5.2
Tonga	1.3	8.6	6.1	1.7	1.9	7.2	9.8	10.4	4.2
Trinidad and Tobago	7.5	2.9	1.1	0.6	2.8	4.4	10.3	7.8	1.5
Tunisia	2.7	5.6	7.3	6.9	4.7	6.3	10.8	14.4	9.5
Türkiye	5.8	12.7	17.7	19.8	13.8	23.9	84.6	65.5	58.1
Turkmenistan									
Tuvalu									
Uganda	5.6	10.2	-1.2	-0.2	1.8	1.4	13.3	10.8	-0.6
Ukraine	9.4	12.8	11.2	8.0	2.7	10.8	26.2	15.1	4.9
United Arab Emirates	1.0	1.2	3.5	-1.4	3.7	-0.2	7.2	3.6	2.2
United Kingdom of Great Britain and Northern Ireland	-2.4	2.3	2.1	1.4	0.7	0.3	10.8	14.7	2.7
United Republic of Tanzania	7.5	9.1	3.0	2.9	4.1	3.7	7.3	6.8	2.1
United States of America	-1.3	-0.2	0.5	0.9	3.5	3.5	11.4	5.0	1.2
Uruguay	9.6	2.8	8.3	8.7	13.8	6.8	11.0	8.8	4.7
Uzbekistan	4.9	17.8	20.1	17.0	17.2	14.4	15.0	11.7	4.1
Vanuatu	1.8	6.9	4.4	5.1	10.8	5.8	8.5	19.2	3.0
Venezuela (Bolivarian Republic of)	381.1	453.0	15 145.9	77 645.9	2 734.4	1 460.4	188.8	372.7	
Viet Nam	2.4	-1.1	3.2	4.1	10.0	0.7	2.6	3.4	4.0
Yemen	17.1								
Zambia	21.6	5.8	7.1	10.4	16.2	27.7	13.2	12.4	16.7
Zimbabwe	-3.2	2.5	13.6	256.2	696.6	132.7	137.0	110.4	92.6

Source: FAO. 2025. FAOSTAT: Consumer Price Indices. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/CP>.
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CHAPTER 3: FOOD SECURITY AND NUTRITION

TABLE 40.
PREVALENCE OF UNDERNOURISHMENT (PERCENT)

COUNTRY	2000–2002	2004–2006	2009–2011	2017–2019	2018–2020	2019–2021	2020–2022	2021–2023	2022–2024
World	12.8	11.9	8.7	7.3	7.8	8.2	8.6	8.6	8.5
Africa	21.5	19.0	15.9	16.8	17.5	18.2	18.7	19.3	19.7
Asia	14.5	13.6	9.3	6.5	7.0	7.5	7.9	7.8	7.3
Latin America and the Caribbean	10.3	8.5	6.0	5.6	5.8	5.8	5.9	5.6	5.4
Northern America and Europe	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Oceania	6.4	6.5	7.0	7.3	7.3	7.4	7.5	7.7	7.6
Afghanistan	45.8	30.6	17.7	22.6	25.1	27.5	28.8	28.9	28.1
Albania	4.8	8.8	5.4	4.3	4.3	5.4	5.8	6.2	5.4
Algeria	7.3	6.1	4.1	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Andorra									
Angola	67.8	42.9	16.2	15.9	18.2	20.8	22.6	23.1	22.5
Antigua and Barbuda									
Argentina	3.0	3.6	3.7	3.7	3.6	3.5	3.4	3.3	3.4
Armenia	28.6	14.8	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Australia	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Austria	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Azerbaijan	17.8	5.3	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Bahamas									
Bahrain									
Bangladesh	15.5	15.1	18.2	12.0	10.9	10.8	10.3	10.6	10.4
Barbados	6.8	4.7	<2.5	<2.5	2.8	3.4	4.0	4.2	4.4
Belarus	2.7	3.4	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Belgium	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Belize	5.7	5.0	4.9	5.3	5.0	5.0	5.1	5.8	7.0
Benin	14.3	9.2	9.1	11.4	11.8	11.7	12.5	13.3	14.3
Bhutan									
Bolivia (Plurinational State of)	26.6	27.6	19.9	13.7	13.6	16.0	19.1	21.6	21.8
Bosnia and Herzegovina	3.6	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Botswana	28.1	26.9	23.3	22.1	22.8	22.8	22.9	22.5	24.0
Brazil	10.5	5.7	3.0	<2.5	<2.5	2.8	3.4	3.2	<2.5
Brunei Darussalam									
Bulgaria	4.9	6.1	5.3	3.1	3.0	2.8	<2.5	<2.5	<2.5
Burkina Faso	22.4	17.0	15.0	14.5	14.3	14.9	14.3	13.9	13.1
Burundi									
Cabo Verde	16.2	12.7	14.7	14.8	13.4	12.6	12.1	12.8	13.5
Cambodia	19.7	15.5	10.0	5.6	5.4	5.6	6.1	5.8	5.2
Cameroon	24.2	13.8	4.9	6.2	6.1	5.9	5.5	5.1	4.8
Canada	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Central African Republic	35.9	34.8	26.7	24.4	25.2	26.6	29.2	29.6	29.8
Chad	34.4	30.9	24.1	28.1	29.8	30.1	30.1	30.5	32.0
Chile	2.9	2.6	3.6	3.0	2.7	2.5	<2.5	2.5	2.5
China	9.8	6.8	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Colombia	8.6	11.0	11.1	4.2	4.1	4.2	4.1	4.1	3.9

TABLE 40.
PREVALENCE OF UNDERNOURISHMENT (PERCENT) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2017–2019	2018–2020	2019–2021	2020–2022	2021–2023	2022–2024
Comoros	24.7	16.3	15.6	13.2	13.5	14.3	15.6	16.2	15.4
Congo	26.3	28.4	40.4	29.7	29.0	27.7	27.2	26.8	26.4
Costa Rica	4.6	3.8	3.1	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Côte d'Ivoire	18.9	17.6	16.9	9.8	9.4	9.2	9.7	10.4	11.1
Croatia	10.6	3.3	2.7	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Cuba	<2.5	<2.5							
Cyprus	5.9	4.7	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Czechia	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Democratic People's Republic of Korea	35.9	34.5	42.9	47.0					
Democratic Republic of the Congo	26.8	27.3	28.7	32.5	34.1	35.2	36.6	37.3	38.5
Denmark	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Djibouti	40.8	28.9	19.5	12.2	11.9	12.0	12.2	12.5	12.9
Dominica	3.7	5.1	4.4	5.5	5.5	5.2	5.1	4.4	3.6
Dominican Republic	19.7	21.3	12.4	5.6	6.1	5.9	5.5	4.4	3.6
Ecuador	20.0	17.4	8.4	11.3	12.7	13.4	13.6	12.8	12.1
Egypt	4.8	5.8	5.1	6.4	6.6	7.1	7.9	8.8	9.4
El Salvador	6.9	8.9	9.3	6.8	6.8	6.6	7.0	6.8	6.7
Equatorial Guinea									
Eritrea									
Estonia	3.6	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Eswatini	9.8	11.7	24.9	13.4	11.7	11.4	11.6	13.1	14.7
Ethiopia	46.1	36.4	22.4	16.1	18.5	20.3	20.6	20.2	19.7
Fiji	3.6	4.5	7.0	6.4	5.6	6.2	6.7	7.3	6.8
Finland	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
France	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Gabon	10.6	14.3	14.0	17.5	18.6	19.7	21.3	23.5	25.3
Gambia	16.9	17.6	9.7	15.0	16.8	18.0	18.9	18.3	16.8
Georgia	6.6	4.8	8.0	5.4	5.3	5.1	4.8	2.9	<2.5
Germany	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Ghana	14.8	11.1	6.9	7.5	6.6	5.7	5.6	5.9	6.3
Greece	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Grenada									
Guatemala	22.4	19.2	15.6	14.0	14.0	13.5	12.9	12.1	11.8
Guinea	18.0	16.4	18.1	13.4	12.5	11.1	10.4	10.4	11.4
Guinea-Bissau	15.6	18.6	22.6	12.4	13.1	16.7	19.5	22.0	22.1
Guyana	5.7	7.1	9.7	2.9	2.7	2.5	<2.5	<2.5	<2.5
Haiti	48.0	47.7	39.5	41.2	42.6	43.6	47.8	51.1	54.2
Honduras	21.1	18.1	13.2	13.1	13.5	13.7	14.1	14.0	14.8
Hungary	<2.5	2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Iceland	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
India	18.1	21.1	14.6	10.5	11.8	13.4	14.3	13.5	12.0
Indonesia	18.1	18.4	12.9	6.0	6.4	6.6	6.6	6.6	6.3
Iran (Islamic Republic of)	4.9	6.4	9.4	8.0	7.7	6.9	6.8	6.7	6.8

TABLE 40.
PREVALENCE OF UNDERNOURISHMENT (PERCENT) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2017–2019	2018–2020	2019–2021	2020–2022	2021–2023	2022–2024
Iraq	20.1	16.5	13.4	15.8	15.4	15.1	15.4	15.3	14.9
Ireland	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Israel	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Italy	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Jamaica	7.2	7.1	8.2	6.3	6.7	7.0	7.6	7.5	7.7
Japan									
Jordan	9.0	5.4	8.4	10.6	12.8	15.2	15.4	15.1	14.3
Kazakhstan	6.5	7.3	3.4	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Kenya	31.8	28.0	21.7	22.9	23.7	26.3	31.6	35.3	36.8
Kiribati	4.3	4.5	3.7	3.6	4.1	4.5	4.6	4.5	4.1
Kuwait	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Kyrgyzstan	12.9	7.3	7.7	5.0	4.9	5.2	5.3	5.2	5.1
Lao People's Democratic Republic									
Latvia	5.2	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Lebanon	7.4	7.1	3.9	5.6	7.1	9.1	10.4	9.8	8.7
Lesotho									
Liberia	34.9	35.7	35.2	35.3	36.6	37.5	37.7	37.0	35.5
Libya	3.7	4.9	7.1	11.9	13.2	14.5	16.0	16.6	16.5
Lithuania	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Luxembourg	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Madagascar	33.4	32.9	28.1	37.5	38.9	40.6	39.9	39.9	39.5
Malawi	23.2	21.5	14.1	18.3	19.3	19.9	20.4	20.7	21.4
Malaysia	2.5	3.2	3.5	2.9	2.8	2.7	<2.5	<2.5	<2.5
Maldives									
Mali	14.2	11.2	6.2	4.6	4.8	4.7	7.3	9.9	12.3
Malta	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Marshall Islands									
Mauritania	9.8	10.3	7.0	6.5	6.6	7.0	7.8	8.6	8.7
Mauritius	5.9	5.4	5.5	7.1	7.6	7.5	7.7	7.9	8.7
Mexico	2.8	4.0	4.0	3.6	3.4	3.1	3.0	2.8	2.7
Micronesia (Federated States of)									
Mongolia	30.1	28.4	17.1	6.2	5.1	4.3	3.1	<2.5	<2.5
Montenegro	9.4	4.1	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Morocco	5.8	4.8	4.7	3.6	4.1	5.3	6.5	6.9	7.0
Mozambique	36.4	29.2	20.0	32.5	28.3	25.8	22.8	21.8	21.8
Myanmar	38.6	24.8	9.2	3.4	3.2	3.7	4.4	5.2	5.4
Namibia	15.7	19.9	29.1	19.2	18.9	18.5	18.7	18.4	18.1
Nauru									
Nepal	23.7	16.9	10.8	4.5	4.6	5.0	5.2	5.4	5.3
Netherlands (Kingdom of the)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
New Zealand	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Nicaragua	25.8	21.9	18.3	15.5	15.7	16.6	17.0	17.3	

TABLE 40.
PREVALENCE OF UNDERNOURISHMENT (PERCENT) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2017–2019	2018–2020	2019–2021	2020–2022	2021–2023	2022–2024
Niger	23.1	18.0	14.6	10.9	10.1	10.9	11.4	12.7	12.9
Nigeria	8.7	9.1	10.4	12.1	14.3	15.8	17.6	18.7	19.9
North Macedonia	6.7	4.5	3.5	2.6	2.8	2.8	2.9	<2.5	<2.5
Norway	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Oman	16.3	10.1	4.6	6.3	5.9	5.8	5.7	5.9	5.9
Pakistan	20.4	16.9	15.5	10.9	12.9	13.4	16.4	16.7	16.5
Palau									
Panama	23.2	14.8	8.9	5.0	4.5	4.8	5.3	5.8	5.7
Papua New Guinea	26.7	27.9	29.9	28.5	28.2	28.3	27.9	28.8	28.7
Paraguay	10.3	7.4	<2.5	2.7	3.1	3.4	3.9	4.4	5.2
Peru	20.4	17.9	8.5	6.0	6.2	6.3	6.5	6.6	6.9
Philippines	18.5	17.3	15.7	6.4	5.8	5.2	4.6	3.5	3.0
Poland	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Portugal	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Qatar									
Republic of Korea	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Republic of Moldova	24.3	32.3	12.9	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Romania	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Russian Federation	4.2	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Rwanda	37.6	36.7	35.7	32.7	35.6	34.7	31.0	26.6	24.4
Saint Kitts and Nevis									
Saint Lucia									
Saint Vincent and the Grenadines	12.9	7.4	5.5	5.1	5.5	5.8	5.8	5.9	6.1
Samoa	3.8	3.7	4.6	4.7	4.5	4.4	4.5	4.2	3.6
San Marino									
Sao Tome and Principe	15.5	10.4	16.5	17.8	16.9	15.9	16.0	16.7	17.4
Saudi Arabia	4.6	4.2	3.2	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Senegal	21.1	15.8	10.9	7.1	6.2	5.3	5.2	5.1	5.1
Serbia	4.8	2.6	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Seychelles	<2.5	2.8	4.9	3.0	2.7	<2.5	<2.5	<2.5	<2.5
Sierra Leone	50.0	40.2	22.5	27.0	27.8	27.5	26.3	25.2	24.1
Singapore									
Slovakia	6.2	5.6	5.2	3.3	2.8	2.7	3.0	3.2	3.1
Slovenia	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Solomon Islands	11.2	12.2	14.8	18.0	19.0	20.6	22.0	22.0	20.0
Somalia	70.0	69.7	72.5	56.2	53.9	52.1	52.1	52.8	53.2
South Africa	3.6	3.3	4.5	6.4	7.2	8.6	9.4	10.0	10.0
South Sudan						21.8	21.4	21.0	22.3
Spain	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Sri Lanka	16.8	14.2	11.0	5.3	3.8	3.3	4.6	6.1	7.4
Sudan				10.8	10.8	11.1	11.0		
Suriname	11.5	8.8	7.6	9.0	8.7	9.0	9.3	9.9	9.7
Sweden	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Switzerland	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5

TABLE 40.
PREVALENCE OF UNDERNOURISHMENT (PERCENT) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2017–2019	2018–2020	2019–2021	2020–2022	2021–2023	2022–2024
Syrian Arab Republic	7.5	6.2	5.5	22.8	27.4	30.6	33.2	35.9	39.0
Tajikistan	40.0	38.1	24.2	10.3	9.7	9.1	9.2	8.6	8.4
Thailand	17.3	11.8	10.2	7.6	6.8	6.0	5.4	5.1	4.6
Timor-Leste	54.9	30.0	19.0	16.3	17.0	17.5	18.0	18.2	18.7
Togo	28.8	24.8	19.6	19.7	18.2	15.9	13.7	11.1	9.1
Tonga									
Trinidad and Tobago	10.3	11.1	8.0	7.2	8.6	10.2	11.7	11.9	11.2
Tunisia	4.0	4.0	3.4	<2.5	<2.5	2.8	3.1	3.2	3.0
Türkiye	12.9	9.4	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Turkmenistan	6.0	4.3	4.7	3.5	3.6	3.6	3.7	4.0	4.3
Tuvalu									
Uganda	21.2	18.8	17.6	35.9	33.1	33.1	25.6	24.2	22.0
Ukraine	2.7	<2.5	<2.5	3.0	3.8	4.3	5.3	6.0	6.9
United Arab Emirates	<2.5	3.1	5.6	2.9	2.8	2.5	<2.5	<2.5	<2.5
United Kingdom of Great Britain and Northern Ireland	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
United Republic of Tanzania	32.8	28.5	23.7	22.9	23.0	22.8	22.4	21.4	20.2
United States of America	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Uruguay	3.6	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Uzbekistan	19.0	13.0	3.6	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Vanuatu	9.2	8.5	6.9	7.6	7.9	8.2	8.3	8.0	7.2
Venezuela (Bolivarian Republic of)	14.1	7.8	<2.5	23.4	24.1	18.5	13.0	7.3	5.9
Viet Nam	19.5	15.2	10.4	6.9	6.4	5.9	5.6	5.4	5.3
Yemen									
Zambia	50.3	49.4	43.9	31.5	32.1	33.9	35.7	36.2	37.2
Zimbabwe	32.8	29.5	29.2	31.0	30.0	28.2	24.8	21.4	19.7

Source: FAO. 2025. FAOSTAT: Suite of Food Security Indicators. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/FS>. Licence: CC-BY-4.0.

TABLE 41.
PEOPLE UNDERNOURISHED (MILLION)

COUNTRY	2000–2002	2004–2006	2009–2011	2017–2019	2018–2020	2019–2021	2020–2022	2021–2023	2022–2024
World	803.0	780.4	609.2	565.1	606.4	650.6	687.6	693.7	685.6
Africa	183.1	179.2	170.4	220.7	235.7	252.1	265.1	278.8	291.9
Asia	549.8	542.5	393.8	300.2	324.9	351.7	374.7	368.4	348.8
Latin America and the Caribbean	54.4	47.2	35.3	35.5	37.1	37.7	38.4	36.9	35.3
Northern America and Europe									
Oceania	2.0	2.2	2.6	3.1	3.2	3.3	3.3	3.5	3.5
Afghanistan	9.4	7.5	5.0	8.3	9.5	10.7	11.5	11.7	11.7
Albania	0.2	0.3	0.2	0.1	0.1	0.2	0.2	0.2	0.2
Algeria	2.3	2.0	1.5						
Andorra									
Angola	11.4	8.3	3.8	5.0	5.9	7.0	7.8	8.2	8.3
Antigua and Barbuda									
Argentina	1.1	1.4	1.5	1.6	1.6	1.6	1.5	1.5	1.5
Armenia	0.9	0.4							
Australia									
Austria									
Azerbaijan	1.5	0.5							
Bahamas									
Bahrain									
Bangladesh	21.2	21.8	27.8	19.7	17.9	18.0	17.2	18.0	17.9
Barbados	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1
Belarus	0.3	0.3							
Belgium									
Belize	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benin	1.1	0.8	0.9	1.4	1.5	1.5	1.7	1.8	2.0
Bhutan									
Bolivia (Plurinational State of)	2.3	2.6	2.0	1.6	1.6	1.9	2.3	2.6	2.7
Bosnia and Herzegovina	0.1								
Botswana	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6
Brazil	18.4	10.5	5.8			5.8	7.1	6.7	
Brunei Darussalam									
Bulgaria	0.4	0.5	0.4	0.2	0.2	0.2			
Burkina Faso	2.8	2.4	2.4	3.0	3.0	3.2	3.1	3.1	3.0
Burundi									
Cabo Verde	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Cambodia	2.5	2.1	1.4	0.9	0.9	0.9	1.0	1.0	0.9
Cameroon	3.7	2.4	1.0	1.5	1.6	1.5	1.5	1.4	1.4
Canada									
Central African Republic	1.4	1.5	1.2	1.2	1.2	1.3	1.5	1.5	1.6
Chad	3.0	3.2	3.0	4.5	5.0	5.2	5.4	5.6	6.2
Chile	0.5	0.4	0.6	0.6	0.5	0.5		0.5	0.5
China	128.3	91.8							
Colombia	3.4	4.6	5.0	2.1	2.1	2.1	2.1	2.1	2.0
Comoros	0.1	<0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

TABLE 41.
PEOPLE UNDERNOURISHED (MILLION) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2017–2019	2018–2020	2019–2021	2020–2022	2021–2023	2022–2024
Congo	0.9	1.1	1.8	1.6	1.6	1.6	1.6	1.6	1.6
Costa Rica	0.2	0.2	0.1						
Côte d'Ivoire	3.4	3.5	3.8	2.7	2.7	2.6	2.9	3.2	3.5
Croatia	0.5	0.1	0.1						
Cuba									
Cyprus	<0.1	<0.1							
Czechia									
Democratic People's Republic of Korea	8.6	8.4	10.7	12.2					
Democratic Republic of the Congo	14.0	16.1	19.7	29.3	31.7	33.8	36.3	38.2	40.7
Denmark									
Djibouti	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Dominica	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dominican Republic	1.7	2.0	1.2	0.6	0.7	0.7	0.6	0.5	0.4
Ecuador	2.6	2.4	1.3	1.9	2.2	2.4	2.4	2.3	2.2
Egypt	3.6	4.7	4.6	6.8	7.0	7.8	8.8	9.9	10.8
El Salvador	0.4	0.5	0.6	0.4	0.4	0.4	0.4	0.4	0.4
Equatorial Guinea									
Eritrea									
Estonia	<0.1								
Eswatini	0.1	0.1	0.3	0.2	0.1	0.1	0.1	0.2	0.2
Ethiopia	32.1	28.5	20.3	18.1	21.5	24.1	25.2	25.3	25.4
Fiji	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Finland									
France									
Gabon	0.1	0.2	0.2	0.4	0.4	0.5	0.5	0.6	0.6
Gambia	0.3	0.3	0.2	0.4	0.4	0.5	0.5	0.5	0.5
Georgia	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.1	
Germany									
Ghana	3.0	2.5	1.8	2.3	2.1	1.8	1.8	2.0	2.1
Greece									
Grenada									
Guatemala	2.7	2.5	2.3	2.4	2.4	2.3	2.3	2.2	2.1
Guinea	1.5	1.5	1.9	1.7	1.6	1.5	1.4	1.5	1.6
Guinea-Bissau	0.2	0.3	0.4	0.2	0.3	0.3	0.4	0.5	0.5
Guyana	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
Haiti	4.1	4.3	3.9	4.5	4.7	4.9	5.4	5.9	6.3
Honduras	1.4	1.4	1.1	1.3	1.3	1.4	1.5	1.5	1.6
Hungary		0.3							
Iceland									
India	194.9	243.9	181.2	144.7	164.5	188.4	201.9	192.0	172.1
Indonesia	39.7	42.4	31.7	16.2	17.4	18.2	18.3	18.3	17.7
Iran (Islamic Republic of)	3.3	4.6	7.3	6.9	6.7	6.1	6.0	6.0	6.2
Iraq	5.1	4.6	4.2	6.4	6.4	6.4	6.6	6.7	6.7

TABLE 41.
PEOPLE UNDERNOURISHED (MILLION) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2017–2019	2018–2020	2019–2021	2020–2022	2021–2023	2022–2024
Ireland									
Israel									
Italy									
Jamaica	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Japan									
Jordan	0.5	0.3	0.6	1.1	1.4	1.7	1.7	1.7	1.6
Kazakhstan	1.0	1.2	0.6						
Kenya	10.1	10.0	9.0	11.5	12.1	13.7	16.8	19.2	20.4
Kiribati	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Kuwait									
Kyrgyzstan	0.7	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.4
Lao People's Democratic Republic									
Latvia	0.1								
Lebanon	0.3	0.3	0.2	0.3	0.4	0.5	0.6	0.6	0.5
Lesotho									
Liberia	1.1	1.2	1.4	1.7	1.8	1.9	2.0	2.0	2.0
Libya	0.2	0.3	0.5	0.8	0.9	1.0	1.1	1.2	1.2
Lithuania									
Luxembourg									
Madagascar	5.7	6.3	6.2	10.3	11.0	11.7	11.8	12.2	12.3
Malawi	2.7	2.8	2.1	3.4	3.7	3.9	4.1	4.3	4.5
Malaysia	0.6	0.8	1.0	1.0	0.9	0.9			
Maldives									
Mali	1.7	1.5	1.0	0.9	1.0	1.0	1.6	2.3	2.9
Malta									
Marshall Islands									
Mauritania	0.3	0.3	0.2	0.3	0.3	0.3	0.4	0.4	0.4
Mauritius	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	0.1
Mexico	2.8	4.2	4.6	4.5	4.3	3.9	3.8	3.6	3.5
Micronesia (Federated States of)									
Mongolia	0.7	0.7	0.5	0.2	0.2	0.1	0.1		
Montenegro	<0.1	<0.1							
Morocco	1.7	1.5	1.5	1.3	1.5	1.9	2.4	2.6	2.6
Mozambique	6.8	5.9	4.6	9.4	8.5	8.0	7.2	7.1	7.3
Myanmar	17.7	11.8	4.5	1.8	1.7	2.0	2.3	2.8	2.9
Namibia	0.3	0.4	0.6	0.5	0.5	0.5	0.5	0.5	0.5
Nauru									
Nepal	5.9	4.4	3.0	1.3	1.3	1.5	1.5	1.6	1.6
Netherlands (Kingdom of the)									
New Zealand									
Nicaragua	1.3	1.2	1.0	1.0	1.0	1.1	1.1	1.2	
Niger	2.8	2.5	2.4	2.4	2.3	2.6	2.8	3.2	3.4
Nigeria	11.3	13.2	17.4	24.9	29.9	33.8	38.6	41.7	45.4

TABLE 41.
PEOPLE UNDERNOURISHED (MILLION) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2017–2019	2018–2020	2019–2021	2020–2022	2021–2023	2022–2024
North Macedonia	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
Norway									
Oman	0.4	0.2	0.1	0.3	0.3	0.3	0.3	0.3	0.3
Pakistan	32.5	29.6	30.8	24.8	29.7	31.4	39.2	40.7	40.9
Palau									
Panama	0.7	0.5	0.3	0.2	0.2	0.2	0.2	0.3	0.3
Papua New Guinea	1.5	1.8	2.3	2.7	2.7	2.8	2.8	2.9	3.0
Paraguay	0.5	0.4		0.2	0.2	0.2	0.3	0.3	0.4
Peru	5.5	5.0	2.5	1.9	2.0	2.1	2.2	2.2	2.3
Philippines	15.0	15.2	15.1	7.0	6.4	5.8	5.2	4.0	3.4
Poland									
Portugal									
Qatar									
Republic of Korea									
Republic of Moldova	1.0	1.3	0.5						
Romania									
Russian Federation	6.1								
Rwanda	3.1	3.3	3.7	4.1	4.6	4.5	4.1	3.6	3.4
Saint Kitts and Nevis									
Saint Lucia									
Saint Vincent and the Grenadines	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Samoa	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
San Marino									
Sao Tome and Principe	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Saudi Arabia	0.8	0.9	0.8						
Senegal	2.2	1.8	1.4	1.1	1.0	0.9	0.9	0.9	0.9
Serbia	0.5	0.2							
Seychelles		<0.1	<0.1	<0.1	<0.1				
Sierra Leone	2.3	2.2	1.4	2.0	2.1	2.2	2.1	2.1	2.0
Singapore									
Slovakia	0.3	0.3	0.3	0.2	0.2	0.1	0.2	0.2	0.2
Slovenia									
Solomon Islands	<0.1	<0.1	<0.1	0.1	0.1	0.2	0.2	0.2	0.2
Somalia	6.4	7.4	8.8	8.7	8.6	8.7	9.0	9.4	9.8
South Africa	1.7	1.6	2.4	3.7	4.3	5.2	5.8	6.2	6.3
South Sudan						2.3	2.3	2.3	2.6
Spain									
Sri Lanka	3.3	2.9	2.3	1.2	0.8	0.7	1.0	1.4	1.7
Sudan				4.8	4.9	5.2	5.3		
Suriname	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Sweden									
Switzerland									
Syrian Arab Republic	1.3	1.2	1.2	4.5	5.6	6.4	7.2	8.1	9.2
Tajikistan	2.6	2.6	1.9	1.0	0.9	0.9	0.9	0.9	0.9

TABLE 41.
PEOPLE UNDERNOURISHED (MILLION) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2017–2019	2018–2020	2019–2021	2020–2022	2021–2023	2022–2024
Thailand	11.0	7.8	7.0	5.5	4.9	4.3	3.9	3.6	3.3
Timor-Leste	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3
Togo	1.5	1.5	1.3	1.6	1.5	1.4	1.2	1.0	0.8
Tonga									
Trinidad and Tobago	0.1	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2
Tunisia	0.4	0.4	0.4			0.3	0.4	0.4	0.4
Türkiye	8.6	6.5							
Türkmenistan	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
Tuvalu									
Uganda	5.2	5.2	5.7	14.9	14.2	14.7	11.8	11.4	10.7
Ukraine	1.3			1.4	1.7	1.9	2.3	2.5	2.7
United Arab Emirates		0.1	0.4	0.3	0.3	0.2			
United Kingdom of Great Britain and Northern Ireland									
United Republic of Tanzania	11.5	11.2	10.6	13.2	13.6	13.9	14.1	13.8	13.4
United States of America									
Uruguay	0.1								
Uzbekistan	4.8	3.4	1.0						
Vanuatu	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Venezuela (Bolivarian Republic of)	3.5	2.1		7.0	7.0	5.3	3.7	2.1	1.7
Viet Nam	15.2	12.3	9.1	6.6	6.2	5.8	5.6	5.4	5.3
Yemen									
Zambia	5.2	5.8	6.1	5.7	5.9	6.5	7.0	7.3	7.7
Zimbabwe	3.9	3.7	3.9	4.7	4.6	4.4	3.9	3.4	3.2

Source: FAO. 2025. FAOSTAT: Suite of Food Security Indicators. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/FS>. Licence: CC-BY-4.0.

TABLE 42.
FOOD INSECURITY LEVELS (PERCENT)

COUNTRY	PREVALENCE OF SEVERE FOOD INSECURITY				PREVALENCE OF MODERATE OR SEVERE FOOD INSECURITY			
	2014–2016	2020–2022	2021–2023	2022–2024	2014–2016	2020–2022	2021–2023	2022–2024
World	7.6	10.6	10.6	10.3	21.7	28.7	28.6	28.3
Africa	17.2	21.1	21.3	21.6	46.2	56.1	57.3	57.9
Asia	6.7	9.7	9.6	9.2	17.8	25.0	24.5	24.0
Latin America and the Caribbean	6.6	10.8	9.9	8.7	24.4	32.4	30.0	27.3
Northern America and Europe	1.3	1.3	1.5	1.6	8.7	7.8	8.1	8.4
Oceania	8.6	9.4	10.0	9.8	22.2	23.8	25.0	25.8
Afghanistan	14.8	28.4	30.6	31.0	45.1	79.1	80.9	80.8
Albania	10.0	7.5	8.2	8.4	38.8	30.2	32.2	33.0
Algeria	13.0	5.6	5.6	4.9	22.9	19.4	18.9	17.6
Andorra								
Angola		31.2				78.5		
Antigua and Barbuda		3.4	3.4	3.4		13.5	13.5	13.5
Argentina	5.8	13.1	13.1	12.3	19.2	36.9	36.1	33.8
Armenia		<0.5	<0.5	<0.5		8.0	7.8	7.8
Australia	2.8	3.4	4.2	3.7	10.8	11.4	12.9	13.8
Austria	1.1	1.6	1.8	1.5	5.5	4.3	4.9	4.7
Azerbaijan	<0.5	<0.5	0.7	1.3	5.9	10.1	12.2	14.0
Bahamas		3.4	3.4			17.2	17.2	
Bahrain								
Bangladesh								
Barbados		7.4	7.4			31.1	31.1	
Belarus		<0.5	<0.5	<0.5		1.3	1.2	1.1
Belgium		1.5	2.0	2.4		5.8	7.3	8.1
Belize		5.9				45.5		
Benin	10.4	15.4	15.8	15.0	55.0	62.7	63.3	65.6
Bhutan								
Bolivia (Plurinational State of)								
Bosnia and Herzegovina	1.5	3.1	2.8	1.9	9.6	13.4	13.3	9.9
Botswana	18.4	26.7	26.6	26.1	46.4	56.3	55.4	53.9
Brazil	0.7	8.5	6.6	3.4	13.3	22.1	18.4	13.5
Brunei Darussalam								
Bulgaria	1.9	3.5	2.5	2.0	14.9	15.8	14.8	11.6
Burkina Faso		7.1	7.2	7.3		40.5	40.7	41.4
Burundi			20.9	20.9			70.8	70.8
Cabo Verde		6.1	6.0	6.1		34.8	34.3	32.1
Cambodia	4.6	4.5	4.3	3.6	39.6	43.4	43.2	40.0
Cameroon	22.3	26.7	25.4	24.7	49.9	59.2	60.3	61.2
Canada	0.6	1.2	1.5	1.9	5.0	7.7	8.5	10.2
Central African Republic		56.3	56.3			88.1	88.1	
Chad	32.4	28.3	25.2	25.2	67.9	69.4	67.0	66.3
Chile	2.9	3.6	3.7	3.6	10.8	18.2	17.6	19.2
China								
Colombia	4.9	5.3	5.3	5.0	19.9	31.6	30.6	27.8

TABLE 42.
FOOD INSECURITY LEVELS (PERCENT) (CONTINUED)

COUNTRY	PREVALENCE OF SEVERE FOOD INSECURITY				PREVALENCE OF MODERATE OR SEVERE FOOD INSECURITY			
	2014–2016	2020–2022	2021–2023	2022–2024	2014–2016	2020–2022	2021–2023	2022–2024
Comoros		27.4	27.4	27.4		79.7	79.7	79.7
Congo								
Costa Rica	1.8	2.9	2.8	2.7	12.2	16.2	16.2	15.4
Côte d'Ivoire	6.2	9.4	8.9	8.4	34.1	41.0	39.4	38.4
Croatia	0.6	1.9	1.4	1.0	6.5	9.7	7.9	6.0
Cuba								
Cyprus				<0.5				1.4
Czechia	0.7	2.3	2.2	1.8	5.8	8.5	10.0	10.0
Democratic People's Republic of Korea								
Democratic Republic of the Congo		40.3	41.7	42.5		75.9	80.2	81.5
Denmark	1.0	1.8	1.9	2.4	5.9	6.8	7.1	6.9
Djibouti		16.5	16.5	16.5		49.2	49.2	49.2
Dominica		5.8	5.8			34.4	34.4	
Dominican Republic	24.3	22.0	19.0	17.9	54.2	52.1	46.1	43.8
Ecuador	6.0	13.0	12.7	11.9	20.7	37.3	36.9	33.3
Egypt	8.4	8.8	10.4	12.0	27.8	28.5	29.8	30.8
El Salvador	13.8	16.2	15.8	15.4	42.2	48.4	46.9	45.5
Equatorial Guinea								
Eritrea								
Estonia	0.9	0.7	1.0	1.1	9.5	8.5	9.3	10.8
Eswatini		15.6	18.6	22.2		57.7	57.2	59.0
Ethiopia	14.5	21.1	19.7	19.0	56.2	58.1	59.0	61.4
Fiji		6.3	8.5			24.2	29.2	
Finland	2.4	2.6	3.0	2.9	9.3	10.5	12.6	13.4
France	1.6	1.6	2.3	2.7	6.8	6.6	7.9	8.4
Gabon								
Gambia		27.0	25.5	21.7		60.7	59.0	54.8
Georgia	7.0	9.7	7.5	6.2	31.8	36.5	32.3	26.6
Germany	1.0	1.4	1.5	1.2	4.1	3.8	4.0	4.1
Ghana	5.1	7.0	8.2	9.4	38.3	38.8	42.4	44.5
Greece	2.6	1.5	1.5	1.5	15.8	6.3	6.4	6.6
Grenada		6.5	5.3	4.7		20.7	18.6	17.3
Guatemala	16.1	20.3	20.8	21.3	42.7	55.0	52.4	48.8
Guinea								
Guinea-Bissau		8.9	9.0			62.4	62.5	
Guyana		4.7	4.7	4.7		25.5	25.5	25.5
Haiti		42.9	42.4	45.4		82.6	82.8	83.2
Honduras	14.2	15.5	15.3	15.4	41.6	49.3	43.7	41.3
Hungary	1.4	3.0	3.6	4.5	11.3	12.6	15.0	15.6
Iceland	1.7	1.6	1.9	2.1	6.4	6.1	7.0	7.8
India								
Indonesia	0.7	<0.5	<0.5	<0.5	6.0	4.9	4.7	4.5
Iran (Islamic Republic of)	9.5	7.4	6.4	5.9	48.0	40.8	39.9	38.8

TABLE 42.
FOOD INSECURITY LEVELS (PERCENT) (CONTINUED)

COUNTRY	PREVALENCE OF SEVERE FOOD INSECURITY				PREVALENCE OF MODERATE OR SEVERE FOOD INSECURITY			
	2014–2016	2020–2022	2021–2023	2022–2024	2014–2016	2020–2022	2021–2023	2022–2024
Iraq								
Ireland	3.4	2.4	1.7	2.1	8.9	5.4	4.2	4.8
Israel	1.3	1.0	0.8	0.9	11.6	7.4	7.2	9.2
Italy		<0.5	<0.5	<0.5		2.2	2.0	1.7
Jamaica	25.3	25.6	26.6	27.8	48.3	54.4	55.1	56.4
Japan	<0.5	0.9	1.2	1.1	2.6	4.4	5.5	5.8
Jordan								
Kazakhstan		0.5	0.6	0.6		2.4	2.2	2.0
Kenya	15.0	28.0	28.0	28.1	50.7	72.3	72.8	73.9
Kiribati		8.0	6.9	5.8		41.0	41.9	42.9
Kuwait	4.9	4.5	3.4	3.4	12.6	10.8	8.6	8.4
Kyrgyzstan		1.1	1.1			6.9	7.0	
Lao People's Democratic Republic		7.2	6.2	5.6		34.1	36.3	35.6
Latvia	0.6	1.0	1.6	1.9	9.9	9.3	10.2	11.2
Lebanon		12.6	11.7	10.1		36.5	40.1	42.4
Lesotho		25.8	25.3	24.7		54.8	57.4	59.9
Liberia	38.6	37.5	37.3	37.1	79.7	81.2	81.0	80.8
Libya	11.2	21.2	19.9	17.2	29.1	39.8	37.9	35.1
Lithuania	2.5	2.1	1.3	1.2	15.3	8.4	6.1	6.5
Luxembourg	1.8	0.6	0.6	0.6	4.7	2.7	2.6	2.6
Madagascar		12.2	14.9	17.8		64.9	68.6	72.6
Malawi	47.7	52.2	53.5	55.6	78.1	82.4	81.7	81.7
Malaysia	7.8	6.0	5.8	5.8	17.4	16.0	16.7	16.7
Maldives		2.2	2.2			13.4	13.4	
Mali		2.7	2.7	2.6		20.6	20.0	20.6
Malta	1.5	1.9	2.0	2.1	5.8	7.2	8.2	9.2
Marshall Islands								
Mauritania	4.6	9.5	11.6	13.1	26.3	53.7	61.2	66.3
Mauritius	5.2	10.5	10.2	12.2	13.0	32.0	31.2	31.1
Mexico	3.4	3.2	3.0	2.9	24.9	23.5	20.7	19.3
Micronesia (Federated States of)								
Mongolia		<0.5	0.6	0.7		5.5	4.9	4.8
Montenegro	2.1	3.3	2.5	1.6	12.6	12.9	12.3	10.4
Morocco								
Mozambique								
Myanmar		5.0	6.9	7.2		29.3	32.0	32.7
Namibia	28.9	33.0	31.8	30.0	53.2	57.7	56.8	55.9
Nauru		9.2	9.2			29.9	29.9	
Nepal	10.4	13.2	13.5	12.8	29.5	37.4	37.0	36.6
Netherlands (Kingdom of the)	1.5	1.4	1.9	2.7	5.7	4.5	5.5	7.5
New Zealand	2.8	3.3	3.8	4.3	10.0	15.1	16.4	17.3
Nicaragua								
Niger		7.7	7.5	7.6		50.2	50.3	50.9

TABLE 42.
FOOD INSECURITY LEVELS (PERCENT) (CONTINUED)

COUNTRY	PREVALENCE OF SEVERE FOOD INSECURITY				PREVALENCE OF MODERATE OR SEVERE FOOD INSECURITY			
	2014–2016	2020–2022	2021–2023	2022–2024	2014–2016	2020–2022	2021–2023	2022–2024
Nigeria	11.0	21.3	22.6	24.3	34.7	69.7	73.9	74.8
North Macedonia	3.6	6.9	4.8	3.4	15.2	24.0	20.2	15.2
Norway	1.1	1.2	1.4	1.6	4.8	5.2	6.8	7.8
Oman								
Pakistan	0.9	11.4	11.4	10.1	14.1	41.0	41.7	42.1
Palau			6.9	6.9			28.1	28.1
Panama								
Papua New Guinea								
Paraguay	1.2	6.1	6.6		8.3	25.9	26.2	
Peru	9.9	14.9	14.8	14.5	30.4	41.6	42.5	41.0
Philippines		3.2	2.5	3.0		37.4	33.2	32.9
Poland	1.8	1.0	0.9	<0.5	8.9	7.6	5.5	3.4
Portugal	4.1	3.9	3.3	3.1	14.7	12.4	12.3	11.9
Qatar								
Republic of Korea	<0.5	0.8	0.9	1.1	4.8	5.6	5.7	5.4
Republic of Moldova	1.6	4.8	5.3	5.4	19.3	23.5	24.7	25.1
Romania	5.6	5.7	7.1	7.0	19.3	16.2	19.1	18.6
Russian Federation	0.7	<0.5	<0.5	<0.5	8.2	4.8	3.6	2.8
Rwanda								
Saint Kitts and Nevis								
Saint Lucia	4.5				22.2			
Saint Vincent and the Grenadines								
Samoa		4.1	4.3	4.5		20.4	19.3	18.6
San Marino								
Sao Tome and Principe		14.1	14.1			54.6	54.6	
Saudi Arabia								
Senegal	7.5	4.5	4.0	4.0	39.0	30.3	29.4	29.1
Serbia	1.7	4.1	3.0	1.5	11.4	14.8	13.0	9.5
Seychelles	3.2				14.3			
Sierra Leone	26.7	31.9	32.3	33.7	75.8	89.2	88.6	89.8
Singapore	1.0	1.7	2.5	3.5	2.9	6.6	7.7	9.5
Slovakia	1.1	1.8	2.0	1.4	6.2	8.3	9.0	7.5
Slovenia	0.9	0.9	0.9	0.9	12.3	7.0	7.9	8.2
Solomon Islands								
Somalia		43.4				79.5		
South Africa		8.4	8.4	8.5		19.2	20.0	20.7
South Sudan		63.2	63.2	63.1		87.3	87.3	88.1
Spain	1.1	1.8	1.5	1.4	7.1	8.0	6.9	6.5
Sri Lanka	0.7	1.2	1.2	1.1	5.9	10.9	11.4	11.2
Sudan								
Suriname		7.2	7.2			35.8	35.8	
Sweden	0.8	1.4	1.8	2.5	4.5	5.4	6.0	6.9
Switzerland	1.5	0.6	1.1	1.1	4.8	2.1	2.5	2.0

TABLE 42.
FOOD INSECURITY LEVELS (PERCENT) (CONTINUED)

COUNTRY	PREVALENCE OF SEVERE FOOD INSECURITY				PREVALENCE OF MODERATE OR SEVERE FOOD INSECURITY			
	2014–2016	2020–2022	2021–2023	2022–2024	2014–2016	2020–2022	2021–2023	2022–2024
Syrian Arab Republic								
Tajikistan	4.9	8.3	6.7	5.6	19.1	31.0	28.0	25.1
Thailand		1.3	1.1	0.8		7.1	6.5	5.4
Timor-Leste		8.9				53.7		
Togo	16.1	12.8	10.9	9.9	60.4	56.0	57.0	58.5
Tonga		3.7	2.6			17.6	14.8	
Trinidad and Tobago			6.9	6.9			27.6	27.6
Tunisia	9.1	12.6	11.3	9.6	18.2	28.5	26.7	25.4
Türkiye								
Turkmenistan								
Tuvalu								
Uganda	21.5	20.7	17.7	14.9	66.3	65.9	59.5	54.6
Ukraine	2.0	4.3	5.3	5.3	19.8	28.2	31.0	32.5
United Arab Emirates				0.9				3.6
United Kingdom of Great Britain and Northern Ireland	1.9	1.6	2.5	3.3	6.3	4.1	5.7	6.9
United Republic of Tanzania	20.6	26.3	25.4	24.4	48.8	58.7	58.2	58.0
United States of America	1.1	0.7	0.8	1.0	10.5	8.6	9.3	10.3
Uruguay		2.9	2.9	2.7		15.2	15.7	16.2
Uzbekistan	1.9	6.8	6.3	5.2	11.2	26.1	26.1	24.4
Vanuatu								
Venezuela (Bolivarian Republic of)								
Viet Nam		1.2	2.1	2.2		9.0	10.8	10.7
Yemen					45.7	67.2	72.5	73.0
Zambia	22.4	19.7	19.0	17.2	51.2	47.9	46.1	45.3
Zimbabwe	35.5	28.6	26.1	25.1	64.7	73.6	70.7	68.8

Source: FAO. 2025. FAOSTAT: Suite of Food Security Indicators. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/FS>. Licence: CC-BY-4.0.

TABLE 43.
FOOD INSECURITY LEVELS BY SEX (PERCENT)

COUNTRY	PREVALENCE OF SEVERE FOOD INSECURITY				PREVALENCE OF MODERATE OR SEVERE FOOD INSECURITY			
	MEN		WOMEN		MEN		WOMEN	
	2014–2016	2022–2024	2014–2016	2022–2024	2014–2016	2022–2024	2014–2016	2022–2024
World	6.4	8.9	7.0	9.6	18.6	24.5	20.4	26.4
Africa	16.2	20.6	17.2	21.4	43.9	56.1	46.2	57.2
Asia	5.9	8.3	6.7	9.2	16.4	22.0	17.5	23.5
Latin America and the Caribbean	5.9	7.6	7.0	9.3	22.1	23.9	26.0	29.9
Northern America and Europe	1.2	1.7	1.5	1.7	7.2	7.3	9.6	9.1
Oceania	7.7	9.2	7.6	8.7	19.4	23.9	21.3	24.4
Afghanistan	14.2	26.8	15.3	35.1	42.6	77.0	47.7	84.5
Albania	9.3	7.4	10.7	9.4	35.2	29.1	42.3	36.9
Algeria	11.9	5.6	14.1	4.3	21.6	19.7	24.2	15.5
Andorra								
Angola								
Antigua and Barbuda		3.5		3.3		11.9		15.1
Argentina	4.9	10.4	6.6	14.1	15.8	30.1	22.6	37.5
Armenia		<0.5		<0.5		6.9		8.7
Australia	2.7	3.8	2.9	3.7	9.2	12.9	12.3	14.8
Austria	0.9	1.7	1.4	1.3	4.5	5.0	6.6	4.4
Azerbaijan	<0.5	1.1	<0.5	1.4	5.5	13.2	6.2	14.9
Bahamas								
Bahrain								
Bangladesh								
Barbados								
Belarus		<0.5		<0.5		0.9		1.2
Belgium		2.1		2.7		6.7		9.5
Belize								
Benin	10.2	14.9	10.7	15.0	54.6	65.3	55.4	65.9
Bhutan								
Bolivia (Plurinational State of)								
Bosnia and Herzegovina	1.7	1.3	1.4	2.4	9.4	8.1	9.8	11.7
Botswana	16.2	24.5	20.6	27.8	43.0	51.9	49.9	56.0
Brazil	<0.5	2.9	1.0	3.8	11.3	11.2	15.3	15.7
Brunei Darussalam								
Bulgaria	2.1	1.6	1.7	2.3	13.7	10.3	16.1	13.0
Burkina Faso		7.4		7.3		42.0		40.9
Burundi		20.2		21.6		69.7		71.8
Cabo Verde		6.1		6.1		32.1		32.1
Cambodia	3.9	3.0	5.3	4.2	35.8	37.2	43.4	42.9
Cameroon	23.3	24.6	21.4	24.7	50.1	60.9	49.8	61.4
Canada	0.5	1.6	0.6	2.2	4.7	9.0	5.3	11.4
Central African Republic								
Chad	31.7	25.3	33.0	25.1	66.1	66.4	69.8	66.1
Chile	2.5	3.5	3.4	3.6	9.1	18.2	12.5	20.3

TABLE 43.
FOOD INSECURITY LEVELS BY SEX (PERCENT) (CONTINUED)

COUNTRY	PREVALENCE OF SEVERE FOOD INSECURITY				PREVALENCE OF MODERATE OR SEVERE FOOD INSECURITY			
	MEN		WOMEN		MEN		WOMEN	
	2014–2016	2022–2024	2014–2016	2022–2024	2014–2016	2022–2024	2014–2016	2022–2024
China								
Colombia	4.7	4.5	5.0	5.4	18.8	24.1	21.2	31.5
Comoros		26.7		28.1		79.9		79.6
Congo								
Costa Rica	1.8	2.3	1.8	3.0	11.5	13.1	12.9	17.8
Côte d'Ivoire	6.2	8.3	6.3	8.6	34.1	38.2	34.0	38.5
Croatia	0.6	1.1	0.5	1.0	6.3	5.3	6.7	6.8
Cuba								
Cyprus		<0.5		<0.5		1.2		1.6
Czechia	0.7	1.6	0.7	2.0	5.3	8.8	6.4	11.3
Democratic People's Republic of Korea								
Democratic Republic of the Congo		42.6		42.4		81.1		81.8
Denmark	0.9	2.7	1.0	2.0	5.2	7.2	6.5	6.7
Djibouti		17.6		15.4		49.3		49.2
Dominica								
Dominican Republic	22.8	15.4	25.8	20.4	51.3	39.2	57.2	48.4
Ecuador	5.7	10.8	6.2	13.0	19.9	29.6	21.6	37.1
Egypt	7.0	10.3	9.9	13.8	23.2	28.8	32.3	32.8
El Salvador	12.6	13.0	15.0	17.7	38.6	38.6	45.7	52.4
Equatorial Guinea								
Eritrea								
Estonia	0.9	1.2	0.8	1.1	8.6	10.2	10.3	11.3
Eswatini		21.1		23.3		56.7		61.4
Ethiopia	12.9	18.7	16.2	19.3	55.1	61.4	57.5	61.5
Fiji								
Finland	2.4	3.3	2.4	2.6	8.4	12.4	10.2	14.4
France	1.5	2.6	1.6	2.8	6.5	8.5	7.1	8.4
Gabon								
Gambia		20.7		22.7		56.5		53.1
Georgia	6.5	6.1	7.4	6.2	30.4	25.3	33.2	27.9
Germany	0.8	1.7	1.1	0.7	3.4	4.6	4.7	3.5
Ghana	5.0	9.0	5.1	9.8	36.5	44.1	40.1	44.9
Greece	2.7	1.3	2.6	1.7	15.9	6.1	15.7	7.1
Grenada		4.7		4.7		17.3		17.3
Guatemala	15.3	21.1	16.8	21.5	39.9	45.2	45.4	52.3
Guinea								
Guinea-Bissau								
Guyana		4.7		4.7		25.5		25.5
Haiti		43.0		48.0		80.8		85.6
Honduras	12.9	13.7	15.5	17.0	38.0	37.8	45.3	44.8
Hungary	1.4	4.2	1.4	4.8	9.5	13.6	13.1	17.6

TABLE 43.
FOOD INSECURITY LEVELS BY SEX (PERCENT) (CONTINUED)

COUNTRY	PREVALENCE OF SEVERE FOOD INSECURITY				PREVALENCE OF MODERATE OR SEVERE FOOD INSECURITY			
	MEN		WOMEN		MEN		WOMEN	
	2014–2016	2022–2024	2014–2016	2022–2024	2014–2016	2022–2024	2014–2016	2022–2024
Iceland	1.8	1.6	1.5	2.7	5.3	5.9	7.5	9.6
India								
Indonesia	0.8	<0.5	0.6	<0.5	6.0	4.4	6.0	4.5
Iran (Islamic Republic of)	10.0	5.8	9.1	5.9	48.6	39.2	47.5	38.5
Iraq								
Ireland	4.1	2.7	2.8	1.6	9.3	5.4	8.6	4.3
Israel	1.5	0.9	1.1	0.9	11.3	8.7	12.0	9.8
Italy		<0.5		<0.5		1.7		1.7
Jamaica	23.1	31.4	27.6	24.1	44.7	62.8	51.9	49.9
Japan	0.6	1.6	<0.5	0.5	3.3	7.4	2.0	4.3
Jordan								
Kazakhstan		0.6		0.6		2.0		2.0
Kenya	13.7	27.4	16.4	28.7	47.3	71.9	54.1	75.9
Kiribati		5.8		5.8		42.9		42.9
Kuwait	6.4	4.2	3.3	2.6	15.7	9.4	9.5	7.4
Kyrgyzstan								
Lao People's Democratic Republic		5.6		5.5		35.7		35.6
Latvia	0.5	1.7	0.7	2.1	8.3	10.2	11.5	12.3
Lebanon		9.7		10.4		41.9		42.8
Lesotho		23.7		25.7		58.9		61.0
Liberia	37.2	35.1	40.0	39.1	78.5	78.7	81.0	82.9
Libya	9.0	19.4	13.3	14.9	24.1	37.6	34.1	32.6
Lithuania	2.5	1.0	2.5	1.5	14.6	5.2	16.1	7.8
Luxembourg	1.7	0.7	1.8	<0.5	4.1	2.6	5.2	2.6
Madagascar		17.5		18.1		72.3		72.9
Malawi	45.5	54.5	49.9	56.9	77.5	80.9	78.7	82.4
Malaysia	9.4	6.7	6.2	4.9	19.9	18.4	15.0	14.9
Maldives								
Mali		2.6		2.6		20.9		20.3
Malta	1.2	2.0	1.8	2.2	4.7	8.1	6.9	10.4
Marshall Islands								
Mauritania	4.4	12.1	4.9	14.0	25.1	64.8	27.5	67.7
Mauritius	4.5	12.4	5.9	12.1	11.8	30.0	14.2	32.2
Mexico	3.1	2.4	3.8	3.4	23.8	16.3	26.1	22.3
Micronesia (Federated States of)								
Mongolia		0.7		0.7		4.6		5.0
Montenegro	2.1	1.3	2.2	1.9	12.2	9.2	13.1	11.7
Morocco								
Mozambique								
Myanmar		7.2		7.2		32.0		33.5
Namibia	27.1	29.1	30.6	30.9	50.7	54.4	55.7	57.4

TABLE 43.
FOOD INSECURITY LEVELS BY SEX (PERCENT) (CONTINUED)

COUNTRY	PREVALENCE OF SEVERE FOOD INSECURITY				PREVALENCE OF MODERATE OR SEVERE FOOD INSECURITY			
	MEN		WOMEN		MEN		WOMEN	
	2014–2016	2022–2024	2014–2016	2022–2024	2014–2016	2022–2024	2014–2016	2022–2024
Nauru								
Nepal	10.8	12.8	10.1	12.9	29.1	36.7	30.0	36.5
Netherlands (Kingdom of the)	1.7	2.2	1.4	3.2	5.7	6.3	5.8	8.6
New Zealand	2.0	4.6	3.6	4.0	7.7	18.1	12.3	16.4
Nicaragua								
Niger		7.6		7.6		51.0		50.9
Nigeria	12.1	24.2	10.0	24.4	35.2	74.4	34.1	75.2
North Macedonia	3.4	2.6	3.7	4.2	12.9	13.8	17.4	16.6
Norway	1.0	1.9	1.3	1.2	4.6	7.3	4.9	8.2
Oman								
Pakistan	0.7	5.1	1.1	15.1	11.8	32.8	16.3	51.5
Palau		6.9		6.9		28.1		28.1
Panama								
Papua New Guinea								
Paraguay	1.1		1.2		8.0		8.5	
Peru	7.7	11.6	12.0	17.4	24.1	33.4	36.7	48.6
Philippines		3.1		3.0		32.5		33.3
Poland	1.7	<0.5	1.9	<0.5	7.4	2.7	10.3	4.2
Portugal	3.8	2.7	4.4	3.5	12.3	9.4	17.1	14.4
Qatar								
Republic of Korea	<0.5	1.4	<0.5	0.7	5.4	6.3	4.2	4.5
Republic of Moldova	1.6	4.3	1.6	6.5	19.2	20.7	19.3	29.4
Romania	4.3	6.2	6.9	7.8	16.5	16.6	22.0	20.5
Russian Federation	0.6	<0.5	0.8	<0.5	7.7	2.7	8.8	2.9
Rwanda								
Saint Kitts and Nevis								
Saint Lucia	4.5		4.5		22.2		22.2	
Saint Vincent and the Grenadines								
Samoa		4.5		4.5		18.6		18.6
San Marino								
Sao Tome and Principe								
Saudi Arabia								
Senegal	8.0	3.7	6.9	4.2	43.5	28.4	34.5	29.7
Serbia	1.9	1.5	1.6	1.6	11.1	9.2	11.7	9.7
Seychelles	3.2		3.2		14.3		14.3	
Sierra Leone	26.1	33.9	27.5	33.5	74.3	89.7	77.4	90.0
Singapore	0.9	4.3	1.2	2.6	2.6	10.0	3.1	8.9
Slovakia	1.0	1.2	1.2	1.6	6.1	6.5	6.4	8.5
Slovenia	0.9	0.7	1.0	1.1	10.1	6.4	14.6	10.0
Solomon Islands								

TABLE 43.
FOOD INSECURITY LEVELS BY SEX (PERCENT) (CONTINUED)

COUNTRY	PREVALENCE OF SEVERE FOOD INSECURITY				PREVALENCE OF MODERATE OR SEVERE FOOD INSECURITY			
	MEN		WOMEN		MEN		WOMEN	
	2014–2016	2022–2024	2014–2016	2022–2024	2014–2016	2022–2024	2014–2016	2022–2024
Somalia								
South Africa		8.3		8.6		20.5		20.9
South Sudan		63.1		63.1		88.1		88.1
Spain	1.1	1.1	1.1	1.8	6.6	5.3	7.5	7.8
Sri Lanka	0.7	1.1	0.6	1.2	6.5	11.0	5.3	11.3
Sudan								
Suriname								
Sweden	0.9	2.9	0.7	2.2	4.3	7.5	4.7	6.4
Switzerland	1.6	1.4	1.5	0.8	4.3	2.3	5.3	1.8
Syrian Arab Republic								
Tajikistan	4.6	4.9	5.2	6.3	17.1	23.7	21.0	26.4
Thailand		0.8		0.9		5.2		5.6
Timor-Leste								
Togo	17.8	10.2	14.5	9.7	62.2	58.9	58.6	58.1
Tonga								
Trinidad and Tobago		6.8		7.0		26.7		28.6
Tunisia	8.8	9.5	9.5	9.6	18.3	25.2	18.0	25.6
Türkiye								
Turkmenistan								
Tuvalu								
Uganda	22.5	14.6	20.5	15.2	68.2	54.4	64.4	54.8
Ukraine	1.6	5.1	2.4	5.5	17.1	27.5	22.5	37.4
United Arab Emirates		1.1		0.7		4.4		2.8
United Kingdom of Great Britain and Northern Ireland	0.8	3.7	2.9	2.9	3.0	7.1	9.6	6.6
United Republic of Tanzania	18.9	24.5	22.3	24.2	46.1	58.0	51.6	58.0
United States of America	1.1	0.7	1.0	1.2	9.4	8.3	11.5	12.3
Uruguay		2.3		3.1		13.9		18.5
Uzbekistan	1.6	5.4	2.2	5.1	9.9	24.3	12.4	24.6
Vanuatu								
Venezuela (Bolivarian Republic of)								
Viet Nam		1.9		2.6		9.3		12.0
Yemen					42.6	70.6	48.7	75.3
Zambia	22.4	16.7	22.4	17.8	51.2	44.4	51.2	46.2
Zimbabwe	34.9	24.3	36.1	25.8	64.0	67.2	65.4	70.4

Source: FAO. 2025. FAOSTAT: Suite of Food Security Indicators. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/FS>. Licence: CC-BY-4.0.

TABLE 44.
COST OF A HEALTHY DIET (PPP DOLLARS)

COUNTRY	2017	2018	2019	2020	2021	2022	2023	2024
World	3.14	3.19	3.30	3.43	3.60	4.01	4.30	4.46
Africa	3.10	3.13	3.21	3.32	3.52	3.89	4.18	4.41
Americas	3.21	3.27	3.36	3.54	3.72	4.09	4.31	4.43
Asia	3.58	3.67	3.78	3.96	4.16	4.62	4.97	5.16
Europe	2.77	2.83	2.96	3.04	3.14	3.58	3.90	4.02
Oceania	2.73	2.73	2.84	2.94	3.09	3.45	3.75	3.86
Afghanistan								
Albania	3.04	3.13	3.32	3.40	3.49	4.14	4.58	4.77
Algeria	4.10	4.16	4.18	4.19	4.47	5.01	5.41	5.53
Andorra								
Angola	3.18	3.27	3.43	3.70	4.11	4.55	4.72	5.00
Antigua and Barbuda	3.77	4.24	4.38	4.67	4.92	5.46	5.80	5.90
Argentina	3.26							
Armenia	3.22	3.31	3.44	3.54	3.80	4.27	4.33	4.35
Australia	2.33	2.36	2.40	2.51	2.61	2.88	3.10	3.20
Austria	2.06	2.11	2.19	2.30	2.42	2.75	2.91	2.99
Azerbaijan	2.90	2.95	3.10	3.28	3.44	3.92	4.13	4.20
Bahamas	4.20	4.23	4.12	4.19	4.28	4.96	5.25	5.54
Bahrain	3.04	3.19	3.30	3.42	3.25	3.74	4.12	4.33
Bangladesh	3.09	3.26	3.40	3.61	3.83	4.13	4.33	4.49
Barbados								
Belarus	3.13	3.13	3.19	3.22	3.30	3.60	3.72	3.83
Belgium	2.00	2.07	2.16	2.28	2.26	2.49	2.77	2.81
Belize	2.56	2.69	2.90	3.16	3.52	3.85	4.32	4.54
Benin	2.85	2.87	2.89	2.90	3.07	3.25	3.30	3.39
Bhutan	4.14	4.31	4.44	4.86	5.14	5.48	5.69	5.96
Bolivia (Plurinational State of)	3.62	3.61	3.75	3.78	3.96	4.30	4.57	4.82
Bosnia and Herzegovina	4.07	4.13	4.34	4.34	4.54	5.48	5.95	6.15
Botswana	3.01	3.00	3.04	3.21	3.41	3.62	4.01	4.21
Brazil	3.15	3.23	3.39	3.69	3.97	4.39	4.55	4.69
Brunei Darussalam	4.11	4.26	4.36	4.55	4.85	5.32	5.67	5.89
Bulgaria	3.39	3.47	3.67	3.80	3.93	4.72	5.16	5.32
Burkina Faso	2.77	2.82	2.72	2.80	2.97	3.48	3.55	3.73
Burundi	3.40	3.12	3.10	3.33	3.54	4.00	4.50	4.55
Cabo Verde	3.16	2.92	2.86	2.83	2.92	3.38	3.69	3.81
Cambodia	3.55	3.62	3.68	3.84	3.95	4.25	4.47	4.60
Cameroon	2.60	2.74	2.90	3.10	3.41	3.90	4.20	4.38
Canada	3.08	3.13	3.19	3.33	3.52	3.92	4.27	4.39
Central African Republic	2.95	3.08	3.22	3.38	3.63	3.92	4.08	4.21
Chad	2.82	2.80	2.80	2.95	3.04	3.49	3.77	3.94
Chile	3.38	3.52	3.66	3.79	3.87	4.42	5.04	5.22
China, mainland	2.80	2.82	3.00	3.25	3.13	3.41	3.53	3.60
Colombia	2.84	2.87	2.95	3.15	3.30	4.06	4.69	4.67
Comoros	4.61	4.55	4.54	4.49	4.48	4.75	4.93	5.14

TABLE 44.
COST OF A HEALTHY DIET (PPP DOLLARS) (CONTINUED)

COUNTRY	2017	2018	2019	2020	2021	2022	2023	2024
Congo	3.04	3.16	3.24	3.43	3.74	4.16	4.33	4.43
Costa Rica	3.54	3.58	3.67	3.56	3.70	4.13	4.52	4.62
Côte d'Ivoire	2.66	2.69	2.66	2.73	2.91	3.25	3.45	3.58
Croatia	3.31	3.35	3.44	3.53	3.71	4.21	4.52	4.70
Cuba								
Cyprus	2.89	2.93	3.04	3.14	3.10	3.44	3.65	3.82
Czechia	2.81	2.83	2.97	3.00	2.90	3.36	3.65	3.58
Democratic People's Republic of Korea								
Democratic Republic of the Congo	4.27	3.46	3.44	3.21	3.11	3.38	3.55	3.46
Denmark	2.20	2.26	2.34	2.41	2.49	2.72	2.94	3.03
Djibouti	2.97	3.00	3.10	3.24	3.40	3.86	4.06	4.20
Dominica	4.28	4.55	4.75	5.00	5.26	5.69	6.08	6.36
Dominican Republic	3.39	3.48	3.74	4.05	4.41	4.87	5.21	5.40
Ecuador	2.50	2.54	2.63	2.77	2.91	3.19	3.43	3.56
Egypt	3.81	4.02	3.98	3.88	4.01	4.69	5.96	6.38
El Salvador								
Equatorial Guinea	3.70	3.77	3.81	3.93	4.07	4.43	4.62	4.79
Eritrea								
Estonia	3.14	3.21	3.35	3.43	3.34	3.76	4.21	4.32
Eswatini	3.36	3.31	3.33	3.41	3.62	3.96	4.09	4.21
Ethiopia	2.94	3.03	3.27	3.52	3.88	4.29	4.41	4.78
Fiji	3.20	3.26	3.41	3.48	3.81	4.18	4.58	4.82
Finland	2.53	2.61	2.72	2.81	2.87	3.25	3.52	3.57
France	2.58	2.65	2.83	2.94	2.96	3.32	3.67	3.75
Gabon	3.24	3.31	3.44	3.60	3.81	4.18	4.45	4.64
Gambia	2.69	2.86	2.98	3.18	3.45	3.81	4.13	4.43
Georgia								
Germany	2.64	2.76	2.87	2.97	3.10	3.54	3.89	4.00
Ghana	3.54	3.51	3.48	3.46	3.50	3.83	4.29	4.49
Greece	2.93	2.99	3.10	3.13	3.25	3.73	4.16	4.31
Grenada	4.43	4.50	4.44	4.50	4.59	5.11	5.58	5.83
Guatemala	2.88	3.12	3.45	3.74	4.01	4.43	4.78	5.03
Guinea	2.59	2.84	3.05	3.35	3.72	4.14	4.65	5.10
Guinea-Bissau	3.01	3.04	3.14	3.24	3.45	3.74	3.98	4.09
Guyana	4.62	4.79	5.06	5.41	5.90	6.37	6.64	6.83
Haiti	3.93	4.05	4.28	4.57	4.88	5.30	5.53	6.21
Honduras	3.69	3.66	3.64	3.76	3.81	4.28	4.64	4.75
Hungary	3.36	3.45	3.60	3.69	3.68	4.46	5.08	5.08
Iceland	2.37	2.41	2.52	2.69	2.77	3.00	3.21	3.29
India	2.77	2.86	3.01	3.23	3.40	3.67	3.86	4.07
Indonesia	3.61	3.68	3.68	3.86	4.00	4.39	4.63	4.75
Iran (Islamic Republic of)	3.01	3.11	3.35	3.15	3.37	4.09	4.46	4.39
Iraq	3.32	3.48	3.50	3.50	3.42	3.76	3.97	4.10

TABLE 44.
COST OF A HEALTHY DIET (PPP DOLLARS) (CONTINUED)

COUNTRY	2017	2018	2019	2020	2021	2022	2023	2024
Ireland	2.33	2.27	2.30	2.22	2.29	2.52	2.74	2.83
Israel	2.51	2.58	2.60	2.61	2.75	3.13	3.23	3.41
Italy	2.74	2.83	3.01	3.09	3.17	3.60	3.96	4.14
Jamaica	4.88	4.78	4.83	4.90	4.90	5.41	5.83	6.02
Japan	5.48	5.65	5.57	5.80	5.98	6.66	7.29	7.62
Jordan	2.88	2.90	2.94	3.02	2.99	3.20	3.28	3.37
Kazakhstan	2.12	2.13	2.28	2.43	2.59	2.88	3.02	3.06
Kenya	2.56	2.62	2.83	3.09	3.42	3.86	4.10	4.26
Kiribati								
Kuwait	2.13	2.18	2.19	2.22	2.46	2.74	2.93	3.09
Kyrgyzstan	3.23	2.98	2.94	3.21	3.36	3.70	3.77	3.76
Lao People's Democratic Republic	3.74	3.77	3.91	4.22	4.33	4.60	5.07	5.19
Latvia	3.04	3.03	3.19	3.28	3.55	4.13	4.51	4.72
Lebanon	1.71	1.86	1.88	3.15	3.71	5.58	6.46	6.25
Lesotho	3.59	3.63	3.74	4.00	4.31	4.68	4.96	5.24
Liberia	3.24	3.30	3.51	3.78	3.67	3.94	4.17	4.52
Libya								
Lithuania	2.85	2.87	3.04	3.07	3.12	3.66	3.97	4.03
Luxembourg	2.46	2.59	2.62	2.62	2.65	2.95	3.27	3.37
Madagascar	3.08	3.18	3.21	3.20	3.34	3.65	3.87	3.96
Malawi	2.38	2.52	2.77	3.09	3.43	3.88	4.29	4.64
Malaysia	3.10	3.20	3.30	3.43	3.52	3.89	4.15	4.27
Maldives	3.36	3.34	3.28	3.33	3.39	3.74	4.01	4.30
Mali	2.97	2.96	2.97	3.04	3.16	3.56	3.72	3.86
Malta	3.35	3.49	3.75	3.74	3.79	4.28	4.66	4.89
Marshall Islands								
Mauritania	3.86	3.92	4.02	4.13	4.43	5.04	5.28	5.40
Mauritius	3.38	3.41	3.46	3.64	3.77	4.21	4.42	4.72
Mexico	2.90	2.97	2.98	3.07	3.27	3.85	4.20	4.41
Micronesia (Federated States of)								
Mongolia	4.11	4.26	4.56	5.01	5.55	6.17	6.74	7.02
Montenegro	3.21	3.24	3.49	3.43	3.63	4.40	4.74	4.78
Morocco	2.63	2.50	2.47	2.47	2.76	3.11	3.45	3.54
Mozambique	2.74	2.71	2.77	2.93	3.23	3.57	3.81	4.14
Myanmar	3.56	3.70	3.93	3.96	3.64	3.88	3.72	3.49
Namibia	3.26	3.26	3.33	3.51	3.75	4.11	4.50	4.67
Nauru								
Nepal	3.35	3.32	3.36	3.51	3.62	3.89	4.01	4.20
Netherlands (Kingdom of the)	2.21	2.27	2.39	2.49	2.54	2.90	3.13	3.17
New Zealand	2.65	2.57	2.70	2.83	2.86	3.28	3.56	3.56
Nicaragua	3.72	3.73	3.78	3.89	4.06	4.59	4.90	
Niger	3.25	3.27	3.34	3.60	4.02	4.48	4.68	4.98
Nigeria	2.78	2.96	3.16	3.41	3.76	4.12	4.39	4.72

TABLE 44.
COST OF A HEALTHY DIET (PPP DOLLARS) (CONTINUED)

COUNTRY	2017	2018	2019	2020	2021	2022	2023	2024
North Macedonia	3.29	3.30	3.48	3.51	3.84	4.47	4.74	4.85
Norway	3.32	3.43	3.53	3.61	3.63	3.98	4.33	4.55
Oman	2.29	2.39	2.49	2.48	2.45	2.70	2.87	3.03
Pakistan	2.97	2.91	2.95	3.18	3.30	3.70	4.08	3.95
Palau								
Panama	4.19	3.88	3.78	3.65	3.63	3.96	4.20	4.34
Papua New Guinea								
Paraguay	3.74	3.73	3.71	3.73	3.95	4.47	4.71	5.04
Peru	3.25	3.19	3.24	3.34	3.50	3.94	4.30	4.34
Philippines	3.26	3.40	3.47	3.55	3.73	3.97	4.21	4.39
Poland	2.95	3.03	3.25	3.38	3.35	3.80	4.04	4.14
Portugal	2.64	2.73	2.85	2.87	2.99	3.51	3.82	3.93
Qatar	2.32	2.43	2.45	2.44	2.35	2.52	2.58	2.66
Republic of Korea	4.73	4.92	4.90	5.18	5.55	6.05	6.39	6.68
Republic of Moldova	2.34	2.47	2.65	2.90	3.08	3.42	3.56	3.69
Romania	2.79	2.84	3.03	3.17	3.22	3.57	3.93	4.39
Russian Federation	2.25	2.28	2.45	2.57	2.77	3.09	3.17	3.29
Rwanda	3.05	2.89	2.98	3.30	3.31	3.87	4.59	4.52
Saint Kitts and Nevis	3.37	3.51	3.65	3.81	3.95	4.59	4.84	5.04
Saint Lucia	3.60	3.80	4.03	4.41	4.57	4.90	5.22	5.16
Saint Vincent and the Grenadines	4.30	4.44	4.48	4.65	4.87	5.48	6.03	6.43
Samoa								
San Marino								
Sao Tome and Principe	2.31	2.63	2.98	3.29	3.80	4.17	4.43	4.64
Saudi Arabia	2.46	2.46	2.48	2.43	2.62	2.87	2.96	3.02
Senegal	2.65	2.72	2.79	2.88	3.04	3.44	3.63	3.73
Serbia	3.56	3.64	3.84	3.86	4.01	4.64	5.19	5.28
Seychelles	3.53	3.50	3.53	3.46	3.79	4.05	4.22	4.31
Sierra Leone	2.64	2.80	2.76	2.83	3.08	3.39	3.74	3.84
Singapore	2.78	2.86	2.92	3.00	3.09	3.31	3.46	3.52
Slovakia	2.46	2.53	2.69	2.89	3.01	3.54	4.14	4.25
Slovenia	2.60	2.70	2.85	2.98	3.01	3.42	3.72	3.81
Solomon Islands								
Somalia	3.61	3.88	3.98	3.93	4.08	4.65	4.65	4.47
South Africa	3.00	2.94	2.94	3.00	3.14	3.46	3.76	3.89
South Sudan	3.13	3.11	3.55	3.41	3.90	4.09	5.33	8.39
Spain	2.53	2.57	2.70	2.75	2.94	3.40	3.83	3.98
Sri Lanka	3.86	3.81	3.70	3.65	4.27	4.87	4.89	5.16
Sudan	2.59	2.77	2.87	2.86	3.03	2.75	2.94	3.32
Suriname	4.40	4.33	4.67	4.94	5.44	5.88	6.40	6.16
Sweden	2.71	2.77	2.91	3.00	3.06	3.50	3.83	3.89
Switzerland	2.39	2.45	2.55	2.59	2.63	2.84	3.01	3.07
Syrian Arab Republic	2.50	2.54	2.61	3.91	5.01	5.40	5.61	5.77
Tajikistan	2.99	2.99	3.17	3.43	3.53	3.68	3.68	3.62

TABLE 44.
COST OF A HEALTHY DIET (PPP DOLLARS) (CONTINUED)

COUNTRY	2017	2018	2019	2020	2021	2022	2023	2024
Thailand	4.27	4.34	4.50	4.65	4.75	5.17	5.46	5.65
Timor-Leste								
Togo	2.54	2.60	2.65	2.81	3.12	3.50	3.58	3.76
Tonga								
Trinidad and Tobago	3.72	3.87	3.93	4.11	4.43	4.98	5.35	5.56
Tunisia	3.66	3.72	3.79	3.81	3.97	4.38	4.77	5.02
Türkiye	3.45	3.59	3.88	3.73	3.80	4.44	4.65	4.77
Turkmenistan								
Tuvalu								
Uganda	3.12	3.03	2.93	2.90	2.95	3.36	3.68	3.65
Ukraine								
United Arab Emirates	2.46	2.74	2.87	2.85	2.66	2.93	3.11	3.22
United Kingdom of Great Britain and Northern Ireland	1.70	1.75	1.83	1.86	1.90	2.21	2.50	2.56
United Republic of Tanzania	2.14	2.30	2.45	2.64	2.79	3.10	3.32	3.37
United States of America	2.17	2.18	2.20	2.28	2.36	2.63	2.76	2.79
Uruguay	2.78	2.93	3.08	3.45	3.65	4.01	4.29	4.41
Uzbekistan	4.11	4.06	4.00	3.97	4.06	4.52	4.78	4.67
Vanuatu								
Venezuela (Bolivarian Republic of)								
Viet Nam	3.27	3.33	3.47	3.79	3.88	4.17	4.35	4.49
Yemen								
Zambia	2.73	2.79	2.88	2.96	3.28	3.61	3.81	3.99
Zimbabwe	3.54							

Source: FAO. 2025. FAOSTAT: Cost and Affordability of a Healthy Diet (CoAHD). [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/CAHD>. Licence: CC-BY-4.0.

TABLE 45.
PROPORTION OF THE POPULATION UNABLE TO AFFORD A HEALTHY DIET (PERCENT)

COUNTRY	2017	2018	2019	2020	2021	2022	2023	2024
World	38.4	36.5	35.4	36.9	34.5	33.5	32.8	31.9
Africa	65.3	64.6	64.1	65.2	64.7	64.8	66.2	66.6
Americas	39.9	36.9	35.3	37.3	33.2	31.5	29.8	28.1
Asia	29.2	28.5	28.1	29.3	30.3	27.8	27.7	27.4
Europe	7.2	6.9	6.2	5.8	5.0	5.3	5.2	5.0
Oceania	15.5	16.3	17.8	21.2	22.4	20.1	19.7	19.6
Afghanistan								
Albania	24.3	17.6	14.6	13.9	12.6	11.7	11.4	10.7
Algeria	18.8	18.1	17.5	19.2	19.6	20.5	21.1	20.2
Andorra								
Angola	60.7	63.2	64.2	68.1	69.8	70.5	70.8	71.4
Antigua and Barbuda								
Argentina	8.5							
Armenia	49.4	49.7	53.3	53.9	54.4	55.1	50.3	65.1
Australia	2.9	3.2	3.2	3.5	3.2	3.2	3.2	3.2
Austria	2.5	2.3	2.5	2.5	2.9	2.9	2.9	2.9
Azerbaijan	0.8	0.7	0.7	1.4	0.8	0.7	0.7	0.6
Bahamas								
Bahrain								
Bangladesh	65.7	62.1	59.2	56.6	52.6	49.1	46.5	44.4
Barbados								
Belarus	3.3	1.9	2.4	1.2	1.0	1.0	0.7	0.7
Belgium	2.1	1.2	1.3	1.0	0.7	0.7	0.7	0.7
Belize	65.7	65.6	62.9	70.5	65.7	62.2	62.5	62.4
Benin	78.5	69.8	63.3	61.7	60.3	56.9	54.7	53.4
Bhutan	29.4	14.5	18.4	17.9	22.3	5.6	5.0	4.5
Bolivia (Plurinational State of)	14.7	13.3	9.9	11.1	9.1	8.9	9.0	9.3
Bosnia and Herzegovina	6.1	5.7	5.4	5.8	5.3	5.5	5.6	5.3
Botswana	62.8	61.3	60.7	61.0	60.7	59.6	60.1	59.9
Brazil	27.1	26.4	26.0	19.4	29.8	24.9	24.1	23.7
Brunei Darussalam								
Bulgaria	10.3	8.3	7.8	5.2	6.1	5.7	5.7	5.5
Burkina Faso	66.2	63.3	60.2	61.1	60.7	64.6	63.0	63.4
Burundi	90.0	88.3	87.7	88.5	88.9	89.9	91.1	90.9
Cabo Verde	29.6	28.3	26.8	35.0	33.0	29.8	30.5	29.4
Cambodia								
Cameroon	52.6	52.5	52.6	53.9	54.5	56.1	56.8	56.8
Canada	3.2	2.7	2.7	3.2	3.0	2.7	3.0	3.0
Central African Republic	86.9	86.1	85.6	86.1	86.4	86.7	86.9	87.2
Chad	64.2	61.5	58.2	60.4	60.2	61.9	63.4	64.1
Chile	48.1	46.0	45.7	50.0	42.6	40.2	41.5	40.1
China, mainland	29.2	25.3	22.9	24.3	15.5	15.4	13.8	12.2
Colombia	31.7	31.4	32.6	40.6	38.3	36.7	37.2	36.1
Comoros	63.9	63.6	63.9	64.2	63.7	63.5	63.5	62.9

TABLE 45.
PROPORTION OF THE POPULATION UNABLE TO AFFORD A HEALTHY DIET (PERCENT) (CONTINUED)

COUNTRY	2017	2018	2019	2020	2021	2022	2023	2024
Congo	74.3	75.5	74.9	77.8	78.4	79.2	78.8	78.4
Costa Rica	14.3	15.3	15.0	21.5	16.1	16.4	15.2	14.2
Côte d'Ivoire	56.2	51.9	47.4	49.7	50.3	50.8	49.7	48.4
Croatia	27.9	23.3	19.0	18.7	15.4	13.3	12.6	11.3
Cuba								
Cyprus	4.0	2.7	2.5	2.1	2.3	1.8	1.8	1.8
Czechia	4.8	4.2	3.6	3.9	3.8	4.0	4.2	4.0
Democratic People's Republic of Korea								
Democratic Republic of the Congo	94.8	92.4	91.6	92.2	91.5	90.3	89.6	89.1
Denmark	0.9	1.0	1.0	1.1	0.8	0.9	0.9	0.8
Djibouti	56.7	55.5	54.9	55.9	55.0	56.2	55.3	53.6
Dominica								
Dominican Republic	27.4	23.7	22.3	26.0	26.4	25.1	24.9	23.0
Ecuador	23.1	23.9	24.8	30.4	27.2	25.9	26.2	26.4
Egypt	52.7	53.9	49.1	44.6	42.0	44.0	55.2	56.8
El Salvador								
Equatorial Guinea								
Eritrea								
Estonia	10.9	9.5	8.2	7.4	5.2	5.0	5.4	5.2
Eswatini	68.9	67.6	67.0	67.7	65.3	65.1	64.7	63.8
Ethiopia	62.2	58.4	57.3	57.1	57.9	57.1	53.4	54.2
Fiji	45.4	46.9	52.0	62.2	66.6	58.7	57.1	56.6
Finland	1.0	1.1	0.7	0.6	0.8	0.8	0.9	0.8
France	1.9	2.2	3.3	2.8	3.1	3.0	3.0	3.0
Gabon	31.7	32.5	33.0	34.7	36.1	37.2	37.2	37.1
Gambia	43.0	42.1	41.3	44.0	44.6	44.8	45.9	46.7
Georgia								
Germany	2.7	2.2	2.2	2.2	2.2	2.0	2.0	2.0
Ghana	65.9	64.7	63.5	64.3	63.5	63.8	66.3	66.5
Greece	30.8	28.0	24.5	24.2	21.1	18.0	17.6	17.0
Grenada	19.4	18.8	18.8	22.9	22.0	20.7	21.0	20.0
Guatemala	51.0	50.7	49.9	52.4	48.8	47.8	47.9	47.8
Guinea	44.4	44.0	43.4	43.3	43.9	44.4	47.2	50.0
Guinea-Bissau	63.8	62.8	60.1	63.7	65.0	65.2	65.3	64.0
Guyana	41.3	41.0	39.1	22.6	16.9	9.3	6.2	4.9
Haiti	77.4	77.9	79.3	81.5	82.4	83.6	84.1	87.2
Honduras	40.3	39.4	39.0	43.9	39.3	39.5	39.9	39.3
Hungary	32.0	26.6	26.5	20.8	13.5	10.9	11.4	9.4
Iceland	0.6	0.5	0.6	0.7	0.6	0.4	0.4	0.4
India	59.2	54.6	52.1	55.6	51.6	47.2	42.9	40.4
Indonesia	49.3	49.1	46.9	46.6	46.8	46.5	45.7	43.5
Iran (Islamic Republic of)	7.7	9.2	14.6	14.7	14.9	15.5	15.8	14.0
Iraq	22.6	22.5	21.4	27.9	27.8	26.1	29.3	30.6

TABLE 45.
PROPORTION OF THE POPULATION UNABLE TO AFFORD A HEALTHY DIET (PERCENT) (CONTINUED)

COUNTRY	2017	2018	2019	2020	2021	2022	2023	2024
Ireland	2.3	1.4	1.6	1.3	1.1	1.0	1.0	1.0
Israel	19.2	18.2	19.5	19.0	18.2	16.5	16.0	15.7
Italy	10.3	10.0	8.5	9.0	7.6	6.7	6.7	6.7
Jamaica	19.0	16.9	18.0	23.5	22.9	21.8	22.1	21.4
Japan	7.2	7.2	7.2	8.0	8.0	7.5	7.5	7.2
Jordan	12.5	12.3	12.5	13.9	13.2	12.6	11.5	10.7
Kazakhstan	9.3	6.3	6.9	6.6	5.1	5.7	5.1	4.5
Kenya	69.3	69.4	71.7	75.8	77.6	78.0	77.6	77.0
Kiribati								
Kuwait								
Kyrgyzstan	41.0	34.1	31.2	41.1	36.7	35.9	33.8	30.4
Lao People's Democratic Republic	58.5	57.1	56.2	58.0	57.3	56.3	57.6	56.2
Latvia	27.1	21.4	17.9	16.8	14.2	12.1	12.1	11.6
Lebanon	0.3	0.3	0.3	0.3	2.2	4.0	5.5	4.0
Lesotho	70.7	71.5	72.6	76.2	76.8	77.0	77.2	77.5
Liberia	66.5	66.1	68.9	71.6	67.4	62.3	62.2	63.4
Libya								
Lithuania	21.3	16.7	13.1	8.8	8.9	8.9	8.9	8.2
Luxembourg	2.6	2.1	1.2	0.6	1.9	1.9	2.3	2.3
Madagascar	93.0	93.2	92.9	94.0	93.8	93.8	93.9	93.6
Malawi	84.0	84.9	86.5	88.0	88.3	89.1	90.4	91.5
Malaysia	4.2	3.6	2.8	3.3	2.9	2.0	1.9	1.6
Maldives	4.7	3.2	2.0	8.0	2.7	1.5	1.3	1.1
Mali	57.0	51.9	49.6	54.9	57.7	60.9	60.6	60.9
Malta	4.5	4.2	3.3	3.3	2.6	2.4	2.3	2.3
Marshall Islands								
Mauritania	51.7	51.6	52.2	54.1	56.1	56.9	56.1	55.2
Mauritius	14.7	13.8	13.1	18.3	17.5	17.0	15.8	15.2
Mexico	28.3	27.0	25.0	29.3	24.7	22.1	21.6	21.4
Micronesia (Federated States of)								
Mongolia	28.6	26.7	23.4	23.8	22.5	18.6	19.1	18.3
Montenegro	17.4	18.4	15.4	15.8	12.6	11.2	10.2	9.2
Morocco	13.2	12.5	11.9	14.0	12.2	12.9	14.0	13.6
Mozambique	84.4	84.7	86.0	88.1	88.9	89.0	88.9	89.3
Myanmar	45.4	42.1	41.1	46.8	52.1	49.6	43.2	38.0
Namibia	57.7	58.0	58.4	62.0	59.6	57.1	57.5	57.3
Nauru								
Nepal	33.2	26.7	25.6	27.3	24.4	21.4	20.4	20.1
Netherlands (Kingdom of the)	1.8	1.5	1.6	1.6	1.1	1.0	1.1	1.0
New Zealand	2.9	3.2	3.2	3.5	3.2	3.2	3.2	3.2
Nicaragua	25.3	27.5	29.5	30.9	27.3	27.9	27.8	
Niger	86.1	84.1	83.5	84.9	87.0	86.6	86.6	86.3
Nigeria	73.2	74.0	74.8	77.0	77.5	77.7	78.3	79.3

TABLE 45.
PROPORTION OF THE POPULATION UNABLE TO AFFORD A HEALTHY DIET (PERCENT) (CONTINUED)

COUNTRY	2017	2018	2019	2020	2021	2022	2023	2024
North Macedonia	23.9	21.4	19.6	21.5	18.1	17.8	17.6	16.5
Norway	1.9	1.7	1.5	1.9	1.6	1.5	1.4	1.4
Oman								
Pakistan	58.6	57.3	58.7	61.0	59.4	59.3	63.8	60.3
Palau								
Panama	42.9	40.6	39.9	50.3	45.7	44.0	44.5	43.7
Papua New Guinea								
Paraguay	24.3	22.6	22.3	24.9	24.8	24.3	23.3	23.0
Peru	33.3	30.3	28.7	42.6	33.6	33.4	34.4	33.0
Philippines	46.6	45.4	44.1	50.3	49.8	46.5	45.4	44.0
Poland	17.2	14.9	10.3	9.6	8.0	6.4	6.4	5.6
Portugal	18.9	16.1	12.9	13.9	13.0	11.6	11.3	10.9
Qatar	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1
Republic of Korea	10.2	8.5	6.7	5.2	5.2	4.5	4.5	4.2
Republic of Moldova	10.9	8.9	9.4	14.3	10.2	12.1	10.7	9.2
Romania	52.4	68.3	63.2	65.3	59.0	54.5	53.8	52.4
Russian Federation	3.1	2.8	2.4	2.3	1.4	1.5	1.4	1.3
Rwanda	79.8	76.1	74.4	77.5	74.1	75.2	78.1	75.3
Saint Kitts and Nevis								
Saint Lucia	8.6	8.6	8.6	13.2	10.3	8.6	8.6	8.4
Saint Vincent and the Grenadines								
Samoa								
San Marino								
Sao Tome and Principe	48.9	48.4	48.5	48.9	49.0	50.7	52.7	53.3
Saudi Arabia								
Senegal	54.1	48.6	47.4	48.6	47.6	49.5	49.4	46.8
Serbia	24.2	10.2	12.9	11.5	8.8	8.1	8.1	7.4
Seychelles	40.0	40.3	36.5	40.4	39.4	46.1	44.3	42.7
Sierra Leone	61.3	61.2	57.2	59.5	60.9	61.5	64.1	62.9
Singapore								
Slovakia	19.7	18.3	15.3	19.4	18.7	16.9	16.9	15.7
Slovenia	3.7	2.6	2.2	1.9	1.6	1.4	1.4	1.2
Solomon Islands								
Somalia								
South Africa	60.8	60.2	60.2	61.8	61.1	61.0	61.7	61.7
South Sudan	89.0	88.3	90.4	91.0	91.9	91.8	94.2	97.8
Spain	10.9	10.8	10.2	10.6	9.3	8.7	8.6	8.4
Sri Lanka	36.0	32.5	31.9	36.8	37.5	44.6	43.5	42.9
Sudan	46.4	51.3	57.8	59.0	45.2	35.2	47.0	54.2
Suriname	19.5	18.5	18.5	24.6	25.7	25.4	25.7	23.7
Sweden	3.5	4.1	3.5	2.9	3.6	3.6	3.9	3.9
Switzerland	1.3	1.6	1.4	1.3	1.2	1.2	1.2	1.2
Syrian Arab Republic	24.7	19.2	17.4	36.4	52.5	54.6	55.6	57.1
Tajikistan	36.0	33.5	32.3	32.5	29.8	27.9	25.9	24.3

TABLE 45.
PROPORTION OF THE POPULATION UNABLE TO AFFORD A HEALTHY DIET (PERCENT) (CONTINUED)

COUNTRY	2017	2018	2019	2020	2021	2022	2023	2024
Thailand	22.8	23.6	21.4	21.2	19.9	17.9	17.4	16.8
Timor-Leste								
Togo	63.6	55.5	51.6	53.6	55.1	56.3	54.0	53.8
Tonga								
Trinidad and Tobago	31.5	32.5	32.8	37.5	38.6	38.5	37.9	36.8
Tunisia	7.7	7.3	6.9	8.1	7.3	7.3	8.1	8.2
Türkiye	11.7	12.3	14.4	11.4	9.6	6.9	7.3	6.6
Turkmenistan								
Tuvalu								
Uganda	74.4	73.0	72.2	72.0	71.5	72.5	73.8	71.3
Ukraine								
United Arab Emirates	3.2	2.5	2.1	2.8	2.6	2.4	2.3	2.2
United Kingdom of Great Britain and Northern Ireland	3.2	3.5	3.5	2.7	3.0	2.5	2.7	2.5
United Republic of Tanzania	75.7	75.3	74.4	74.9	74.5	74.7	74.9	73.8
United States of America	5.0	4.7	4.2	3.2	2.5	4.7	4.7	4.5
Uruguay	30.9	32.3	33.0	37.8	37.6	35.8	35.7	34.0
Uzbekistan	19.7	18.4	16.9	17.8	16.1	15.4	15.0	13.2
Vanuatu								
Venezuela (Bolivarian Republic of)								
Viet Nam	12.1	10.9	9.3	10.0	10.5	10.0	9.5	8.8
Yemen								
Zambia	77.8	78.0	78.9	80.5	81.3	81.7	81.8	82.1
Zimbabwe	3.54							

Source: FAO. 2025. FAOSTAT: Cost and Affordability of a Healthy Diet (CoAHD). [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/CAHD>. Licence: CC-BY-4.0.

TABLE 46.
PEOPLE UNABLE TO AFFORD A HEALTHY DIET (MILLION)

COUNTRY	2017	2018	2019	2020	2021	2022	2023	2024
World	2 934.2	2 818.5	2 762.1	2 911.4	2 746.7	2 683.7	2 653.4	2 604.6
Africa	837.3	849.1	864.0	900.1	915.1	937.7	979.6	1 008.9
Americas	1 825.7	1 703.7	1 640.2	1 747.0	1 568.4	1 495.8	1 423.5	1 348.6
Asia	184.5	181.5	180.3	189.4	197.3	181.9	182.4	181.9
Europe	80.1	77.3	69.9	65.6	56.0	59.3	58.9	56.2
Oceania	6.5	7.0	7.8	9.3	10.0	9.1	9.0	9.0
Afghanistan								
Albania	0.7	0.5	0.4	0.4	0.4	0.3	0.3	0.3
Algeria	7.8	7.7	7.6	8.5	8.8	9.3	9.7	9.4
Andorra								
Angola	18.4	19.8	20.8	22.8	24.1	25.1	26.0	27.1
Antigua and Barbuda								
Argentina	3.8							
Armenia	1.4	1.4	1.5	1.6	1.6	1.6	1.5	1.9
Australia	0.7	0.8	0.8	0.9	0.8	0.8	0.9	0.9
Austria	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3
Azerbaijan	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Bahamas								
Bahrain								
Bangladesh	106.6	101.5	97.7	94.1	88.3	83.1	79.8	77.1
Barbados								
Belarus	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1
Belgium	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1
Belize	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
Benin	9.5	8.6	8.1	8.1	8.1	7.8	7.7	7.7
Bhutan	0.2	0.1	0.1	0.1	0.2	<0.1	<0.1	<0.1
Bolivia (Plurinational State of)	1.7	1.5	1.2	1.3	1.1	1.1	1.1	1.1
Bosnia and Herzegovina	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Botswana	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5
Brazil	55.5	54.3	53.9	40.4	62.4	52.4	50.8	50.2
Brunei Darussalam								
Bulgaria	0.7	0.6	0.5	0.4	0.4	0.4	0.4	0.4
Burkina Faso	13.2	12.9	12.6	13.1	13.3	14.5	14.5	14.9
Burundi	10.4	10.5	10.7	11.2	11.5	12.0	12.5	12.8
Cabo Verde	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2
Cambodia								
Cameroon	12.7	13.0	13.4	14.1	14.7	15.5	16.1	16.5
Canada	1.2	1.0	1.0	1.2	1.2	1.1	1.2	1.2
Central African Republic	4.2	4.2	4.2	4.3	4.4	4.4	4.5	4.6
Chad	10.0	9.9	9.7	10.4	10.7	11.4	12.2	13.0
Chile	8.9	8.7	8.8	9.7	8.3	7.9	8.2	7.9
China, mainland	412.0	358.6	325.9	346.4	221.4	220.1	196.0	173.4
Colombia	15.3	15.4	16.2	20.6	19.6	19.0	19.4	19.1
Comoros	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5

TABLE 46.
PEOPLE UNABLE TO AFFORD A HEALTHY DIET (MILLION) (CONTINUED)

COUNTRY	2017	2018	2019	2020	2021	2022	2023	2024
Congo	4.0	4.1	4.2	4.5	4.6	4.8	4.9	5.0
Costa Rica	0.7	0.8	0.7	1.1	0.8	0.8	0.8	0.7
Côte d'Ivoire	15.0	14.3	13.4	14.4	14.9	15.4	15.5	15.5
Croatia	1.1	0.9	0.8	0.7	0.6	0.5	0.5	0.4
Cuba								
Cyprus	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Czechia	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.4
Democratic People's Republic of Korea								
Democratic Republic of the Congo	82.5	83.2	85.1	88.5	90.7	92.4	94.8	97.3
Denmark	0.1	0.1	0.1	0.1	<0.1	0.1	0.1	<0.1
Djibouti	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Dominica								
Dominican Republic	2.9	2.6	2.4	2.9	2.9	2.8	2.8	2.6
Ecuador	3.9	4.1	4.3	5.3	4.8	4.6	4.7	4.8
Egypt	54.6	56.9	52.8	48.8	46.6	49.6	63.3	66.2
El Salvador								
Equatorial Guinea								
Eritrea								
Estonia	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Eswatini	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Ethiopia	68.2	65.8	66.4	67.9	70.8	71.6	68.7	71.6
Fiji	0.4	0.4	0.5	0.6	0.6	0.5	0.5	0.5
Finland	0.1	0.1	<0.1	<0.1	<0.1	<0.1	0.1	<0.1
France	1.2	1.4	2.2	1.8	2.1	2.0	2.0	2.0
Gabon	0.7	0.7	0.7	0.8	0.9	0.9	0.9	0.9
Gambia	1.0	1.0	1.0	1.1	1.1	1.2	1.2	1.3
Georgia								
Germany	2.3	1.9	1.9	1.9	1.9	1.7	1.7	1.7
Ghana	19.8	19.8	19.9	20.5	20.7	21.2	22.4	22.9
Greece	3.3	3.0	2.6	2.6	2.2	1.9	1.8	1.7
Grenada	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Guatemala	8.4	8.5	8.5	9.1	8.6	8.5	8.7	8.8
Guinea	5.5	5.6	5.7	5.8	6.0	6.2	6.8	7.4
Guinea-Bissau	1.2	1.2	1.2	1.3	1.3	1.4	1.4	1.4
Guyana	0.3	0.3	0.3	0.2	0.1	0.1	0.1	<0.1
Haiti	8.4	8.5	8.8	9.2	9.4	9.6	9.8	10.3
Honduras	3.9	3.8	3.9	4.4	4.0	4.1	4.2	4.2
Hungary	3.1	2.6	2.6	2.0	1.3	1.1	1.1	0.9
Iceland	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
India	804.9	750.3	723.1	780.2	729.4	672.5	617.2	586.5
Indonesia	131.9	132.6	127.8	128.2	129.5	129.8	128.6	123.4
Iran (Islamic Republic of)	6.6	7.9	12.7	12.9	13.2	13.8	14.3	12.8
Iraq	8.9	9.1	8.8	11.7	12.0	11.5	13.2	14.1

TABLE 46.
PEOPLE UNABLE TO AFFORD A HEALTHY DIET (MILLION) (CONTINUED)

COUNTRY	2017	2018	2019	2020	2021	2022	2023	2024
Ireland	0.1	0.1	0.1	0.1	0.1	<0.1	0.1	0.1
Israel	1.6	1.6	1.7	1.7	1.6	1.5	1.5	1.5
Italy	6.2	6.0	5.1	5.4	4.6	4.0	4.0	4.0
Jamaica	0.5	0.5	0.5	0.7	0.6	0.6	0.6	0.6
Japan	9.1	9.1	9.1	10.1	10.0	9.3	9.3	8.9
Jordan	1.3	1.3	1.3	1.5	1.5	1.4	1.3	1.2
Kazakhstan	1.7	1.2	1.3	1.3	1.0	1.1	1.0	0.9
Kenya	34.1	34.8	36.7	39.6	41.3	42.3	42.9	43.5
Kiribati								
Kuwait								
Kyrgyzstan	2.5	2.2	2.0	2.7	2.5	2.5	2.4	2.2
Lao People's Democratic Republic	4.1	4.1	4.1	4.3	4.3	4.3	4.4	4.4
Latvia	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.2
Lebanon	1.9	1.9	1.8	<0.1	0.1	0.2	0.3	0.2
Lesotho	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.8
Liberia	3.2	3.3	3.5	3.7	3.5	3.3	3.4	3.6
Libya								
Lithuania	0.6	0.5	0.4	0.2	0.2	0.3	0.3	0.2
Luxembourg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Madagascar	24.9	25.6	26.2	27.2	27.9	28.6	29.3	29.9
Malawi	15.1	15.7	16.5	17.2	17.7	18.3	19.1	19.8
Malaysia	1.4	1.2	0.9	1.1	1.0	0.7	0.7	0.6
Maldives	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Mali	11.3	10.6	10.4	11.9	12.9	14.1	14.4	14.9
Malta	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Marshall Islands								
Mauritania	2.2	2.2	2.3	2.5	2.7	2.8	2.8	2.9
Mauritius	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Mexico	34.9	33.7	31.4	37.1	31.5	28.4	28.0	27.9
Micronesia (Federated States of)								
Mongolia	0.9	0.8	0.8	0.8	0.8	0.6	0.7	0.6
Montenegro	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Morocco	4.7	4.5	4.3	5.1	4.5	4.8	5.3	5.2
Mozambique	23.8	24.6	25.7	27.1	28.2	29.1	29.9	30.9
Myanmar	23.6	22.0	21.6	24.8	27.8	26.7	23.4	20.7
Namibia	1.4	1.5	1.5	1.7	1.7	1.6	1.7	1.7
Nauru								
Nepal	9.3	7.5	7.3	7.9	7.2	6.4	6.1	5.9
Netherlands (Kingdom of the)	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
New Zealand	0.7	0.8	0.8	0.9	0.8	0.8	0.9	0.9
Nicaragua	1.6	1.8	1.9	2.0	1.8	1.9	1.9	
Niger	18.5	18.6	19.2	20.1	21.3	21.9	22.7	23.3
Nigeria	146.6	151.7	156.7	164.8	169.3	173.3	178.4	184.5

TABLE 46.
PEOPLE UNABLE TO AFFORD A HEALTHY DIET (MILLION) (CONTINUED)

COUNTRY	2017	2018	2019	2020	2021	2022	2023	2024
North Macedonia	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3
Norway	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Oman								
Pakistan	130.9	130.1	135.5	143.2	142.2	144.4	157.9	151.4
Palau								
Panama	1.8	1.7	1.7	2.2	2.0	1.9	2.0	2.0
Papua New Guinea								
Paraguay	1.5	1.5	1.5	1.6	1.7	1.6	1.6	1.6
Peru	10.4	9.7	9.3	14.0	11.1	11.2	11.6	11.3
Philippines	50.4	49.7	48.8	56.3	56.3	53.0	52.2	51.0
Poland	6.6	5.7	3.9	3.6	3.0	2.5	2.5	2.1
Portugal	1.9	1.7	1.3	1.4	1.4	1.2	1.2	1.1
Qatar	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Republic of Korea	5.3	4.4	3.5	2.7	2.7	2.3	2.3	2.2
Republic of Moldova	0.3	0.3	0.3	0.4	0.3	0.4	0.3	0.3
Romania	10.3	13.4	12.3	12.7	11.4	10.5	10.3	10.0
Russian Federation	4.5	4.1	3.5	3.4	2.0	2.2	2.0	1.8
Rwanda	9.7	9.5	9.5	10.1	9.9	10.3	10.9	10.7
Saint Kitts and Nevis								
Saint Lucia	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Saint Vincent and the Grenadines								
Samoa								
San Marino								
Sao Tome and Principe	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Saudi Arabia								
Senegal	8.4	7.7	7.7	8.2	8.2	8.7	8.9	8.7
Serbia	1.7	0.7	0.9	0.8	0.6	0.6	0.6	0.5
Seychelles	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	0.1	0.1
Sierra Leone	4.5	4.6	4.4	4.7	4.9	5.1	5.4	5.4
Singapore								
Slovakia	1.1	1.0	0.8	1.1	1.0	0.9	0.9	0.9
Slovenia	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Solomon Islands								
Somalia								
South Africa	35.0	35.3	35.9	37.4	37.6	38.1	39.0	39.5
South Sudan	9.1	8.9	9.4	9.7	10.0	10.1	10.8	11.7
Spain	5.1	5.1	4.8	5.1	4.4	4.2	4.1	4.0
Sri Lanka	7.9	7.2	7.2	8.3	8.5	10.2	10.0	9.9
Sudan	19.8	22.7	26.3	27.6	21.7	17.4	23.5	27.4
Suriname	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
Sweden	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4
Switzerland	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Syrian Arab Republic	4.7	3.8	3.5	7.7	11.4	12.3	13.1	14.1
Tajikistan	3.3	3.1	3.1	3.2	3.0	2.8	2.7	2.6

TABLE 46.
PEOPLE UNABLE TO AFFORD A HEALTHY DIET (MILLION) (CONTINUED)

COUNTRY	2017	2018	2019	2020	2021	2022	2023	2024
Thailand	16.3	16.8	15.3	15.2	14.3	12.9	12.5	12.0
Timor-Leste								
Togo	5.1	4.6	4.4	4.6	4.9	5.1	5.0	5.1
Tonga								
Trinidad and Tobago	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6
Tunisia	0.9	0.9	0.8	1.0	0.9	0.9	1.0	1.0
Türkiye	9.7	10.4	12.3	9.8	8.3	6.0	6.4	5.8
Turkmenistan								
Tuvalu								
Uganda	29.9	30.3	31.1	32.0	32.8	34.3	35.9	35.6
Ukraine								
United Arab Emirates	0.3	0.2	0.2	0.3	0.3	0.2	0.2	0.2
United Kingdom of Great Britain and Northern Ireland	2.2	2.3	2.3	1.9	2.0	1.7	1.9	1.7
United Republic of Tanzania	42.1	43.2	44.0	45.7	46.8	48.3	49.9	50.6
United States of America	16.6	15.9	14.4	11.0	8.5	16.2	16.3	15.5
Uruguay	1.0	1.1	1.1	1.3	1.3	1.2	1.2	1.2
Uzbekistan	6.3	6.0	5.6	6.0	5.5	5.4	5.4	4.8
Vanuatu								
Venezuela (Bolivarian Republic of)								
Viet Nam	11.5	10.5	9.0	9.8	10.4	10.0	9.5	8.9
Yemen								
Zambia	13.6	14.0	14.6	15.3	15.9	16.5	17.0	17.5
Zimbabwe	11.2							

Source: FAO. 2025. FAOSTAT: Cost and Affordability of a Healthy Diet (CoAHD). [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/CAHD>. Licence: CC-BY-4.0.

TABLE 47.
AVERAGE DIETARY ENERGY SUPPLY (KCAL PER CAPITA PER DAY)

COUNTRY	2010	2015	2017	2018	2019	2020	2021	2022	2023
World	2 825	2 889	2 921	2 926	2 942	2 953	2 975	2 998	3 016
Africa	2 549	2 557	2 559	2 567	2 561	2 567	2 571	2 583	2 556
Americas	3 277	3 302	3 311	3 333	3 354	3 366	3 398	3 429	3 438
Asia	2 694	2 803	2 856	2 860	2 882	2 896	2 926	2 953	2 991
Europe	3 379	3 382	3 403	3 402	3 433	3 447	3 456	3 479	3 490
Oceania	3 123	3 122	3 100	3 086	3 102	3 102	3 095	3 134	3 137
Afghanistan	2 200	2 251	2 307	2 262	2 223	2 260	2 245	2 269	2 315
Albania	3 237	3 310	3 355	3 332	3 361	3 343	3 068	3 263	3 238
Algeria	3 213	3 384	3 350	3 346	3 431	3 458	3 454	3 417	3 396
Andorra									
Angola	2 430	2 469	2 450	2 450	2 425	2 390	2 406	2 427	2 399
Antigua and Barbuda	2 320	2 420	2 448	2 490	2 465	2 430	2 458	2 512	2 544
Argentina	3 064	3 210	3 178	3 220	3 253	3 297	3 342	3 355	3 360
Armenia	3 163	3 167	3 065	3 096	3 137	3 121	3 139	3 139	3 129
Australia	3 515	3 500	3 473	3 450	3 485	3 468	3 474	3 540	3 562
Austria	3 785	3 734	3 762	3 761	3 823	3 784	3 793	3 802	3 756
Azerbaijan	2 957	3 017	3 112	3 166	3 282	3 339	3 360	3 313	3 339
Bahamas	2 615	2 593	2 624	2 657	2 616	2 630	2 676	2 657	2 672
Bahrain					3 489	3 511	3 441	3 494	3 423
Bangladesh	2 328	2 481	2 488	2 567	2 523	2 589	2 595	2 620	2 588
Barbados	3 081	3 078	3 033	3 077	3 125	3 190	3 179	3 122	3 118
Belarus	3 177	3 303	3 315	3 316	3 374	3 433	3 415	3 431	3 396
Belgium	3 707	3 808	3 795	3 808	3 855	3 866	3 912	3 918	3 921
Belize	2 779	2 731	2 778	2 784	2 834	2 869	2 834	2 837	2 832
Benin									
Bhutan					3 235	3 256	3 238	3 175	3 107
Bolivia (Plurinational State of)	2 247	2 339	2 380	2 413	2 441	2 404	2 388	2 364	2 374
Bosnia and Herzegovina	3 098	3 293	3 304	3 338	3 356	3 386	3 376	3 442	3 458
Botswana	2 457	2 532	2 572	2 534	2 577	2 642	2 696	2 738	2 714
Brazil	3 303	3 300	3 297	3 340	3 350	3 323	3 375	3 420	3 423
Brunei Darussalam									
Bulgaria	2 775	2 779	2 855	2 909	2 903	2 917	2 984	3 003	3 000
Burkina Faso	2 595	2 645	2 610	2 649	2 628	2 684	2 664	2 759	2 791
Burundi									
Cabo Verde	2 613	2 599	2 710	2 747	2 783	2 844	2 822	2 773	2 794
Cambodia	2 521	2 642	2 674	2 673	2 717	2 721	2 694	2 624	2 643
Cameroon	2 804	2 807	2 779	2 810	2 865	2 843	2 867	2 936	2 901
Canada	3 538	3 505	3 570	3 576	3 558	3 617	3 584	3 582	3 590
Central African Republic									
Chad									
Chile	2 875	2 926	2 957	2 991	3 023	3 079	3 137	3 111	3 057
China	3 040	3 230	3 258	3 275	3 302	3 323	3 409	3 461	3 514
Colombia	2 801	3 075	3 052	3 088	3 064	3 106	3 114	3 127	3 126
Comoros	2 404	2 443	2 495	2 486	2 500	2 492	2 444	2 417	2 390

TABLE 47.
AVERAGE DIETARY ENERGY SUPPLY (KCAL PER CAPITA PER DAY) (CONTINUED)

COUNTRY	2010	2015	2017	2018	2019	2020	2021	2022	2023
Congo	1 974	2 120	2 125	2 110	2 125	2 160	2 174	2 152	2 187
Costa Rica	2 880	2 931	3 056	3 053	3 072	3 078	3 042	3 013	3 061
Côte d'Ivoire	2 601	2 749	2 805	2 825	2 849	2 864	2 923	2 946	2 938
Croatia	2 997	3 095	3 175	3 250	3 298	3 335	3 383	3 416	3 448
Cuba	3 251	3 361	3 460	3 434	3 385				
Cyprus	3 011	2 910	2 863	2 858	2 907	2 878	2 867	2 867	2 876
Czechia	3 286	3 134	3 299	3 300	3 339	3 352	3 381	3 393	3 384
Democratic People's Republic of Korea	2 054	2 043	2 041	1 981					
Democratic Republic of the Congo	2 164	2 133	2 121	2 101	2 091	2 026	2 047	2 033	2 015
Denmark	3 511	3 700	3 656	3 816	3 764	3 815	3 802	3 785	3 734
Djibouti	2 423	2 700	2 703	2 738	2 751	2 764	2 763	2 695	2 721
Dominica									
Dominican Republic	2 591	2 796	2 940	3 001	3 055	3 111	3 163	3 269	3 313
Ecuador	2 596	2 604	2 550	2 542	2 509	2 546	2 578	2 570	2 621
Egypt	3 295	3 144	3 150	3 166	3 162	3 112	3 081	3 108	3 094
El Salvador	2 628	2 650	2 751	2 786	2 848	2 799	2 829	2 892	2 896
Equatorial Guinea									
Eritrea									
Estonia	3 234	3 130	3 102	3 198	3 251	3 244	3 242	3 304	3 287
Eswatini	2 141	2 387	2 413	2 475	2 461	2 507	2 514	2 554	2 574
Ethiopia	2 188	2 483	2 523	2 506	2 469	2 543	2 556	2 563	2 558
Fiji	2 675	2 731	2 727	2 792	2 841	2 884	2 925	2 898	2 938
Finland	3 166	3 240	3 270	3 319	3 342	3 360	3 336	3 372	3 346
France	3 504	3 408	3 452	3 437	3 459	3 485	3 490	3 532	3 490
Gabon	2 691	2 733	2 610	2 629	2 647	2 657	2 632	2 637	2 686
Gambia	2 676	2 518	2 499	2 405	2 446	2 406	2 381	2 438	2 402
Georgia	2 772	2 877	2 892	2 966	3 021	3 029	3 011	2 999	3 000
Germany	3 618	3 590	3 555	3 586	3 617	3 629	3 608	3 600	3 535
Ghana	2 942	2 814	2 888	2 973	3 036	3 070	3 144	3 138	3 125
Greece	3 503	3 403	3 372	3 363	3 375	3 312	3 350	3 345	3 382
Grenada	2 416	2 512	2 602	2 661	2 630	2 687	2 766	2 772	2 827
Guatemala	2 481	2 526	2 606	2 588	2 636	2 713	2 746	2 781	2 823
Guinea	2 423	2 610	2 664	2 722	2 779	2 824	2 867	2 901	2 948
Guinea-Bissau	2 267	2 170	2 603	2 668	2 514	2 694	2 521	2 440	2 560
Guyana	2 603	2 996	3 048	3 100	3 068	3 109	3 154	3 239	3 318
Haiti	2 161	2 224	2 183	2 139	2 124	2 110	2 090	1 912	1 959
Honduras	2 600	2 578	2 614	2 633	2 637	2 618	2 661	2 632	2 628
Hungary	3 046	3 177	3 237	3 295	3 310	3 369	3 420	3 482	3 549
Iceland	3 311	3 472	3 634	3 648	3 683	3 661	3 643	3 701	3 681
India	2 358	2 423	2 514	2 526	2 528	2 541	2 550	2 595	2 669
Indonesia	2 608	2 812	2 951	2 907	2 899	2 880	2 869	2 907	2 900
Iran (Islamic Republic of)	2 866	2 913	2 859	2 829	2 901	2 905	2 866	2 882	2 875
Iraq	2 615	2 582	2 624	2 657	2 685	2 703	2 697	2 704	2 764

TABLE 47.
AVERAGE DIETARY ENERGY SUPPLY (KCAL PER CAPITA PER DAY) (CONTINUED)

COUNTRY	2010	2015	2017	2018	2019	2020	2021	2022	2023
Ireland	3 605	3 762	3 948	3 931	3 967	3 918	3 886	3 947	3 921
Israel	3 603	3 661	3 739	3 678	3 755	3 789	3 842	3 917	3 754
Italy	3 656	3 521	3 531	3 528	3 624	3 662	3 690	3 709	3 753
Jamaica	2 747	2 823	2 851	2 881	2 906	2 830	2 862	2 915	2 892
Japan									
Jordan	2 702	2 792	2 719	2 641	2 594	2 596	2 553	2 609	2 556
Kazakhstan	2 768	2 876	2 986	3 080	3 059	3 078	3 103	3 162	3 136
Kenya	2 178	2 236	2 193	2 227	2 290	2 256	2 163	2 138	2 146
Kiribati	2 939	3 109	3 067	3 096	3 132	3 091	3 121	3 077	3 126
Kuwait	3 548	3 542	3 414	3 417	3 461	3 445	3 409	3 200	3 136
Kyrgyzstan	2 671	2 684	2 686	2 714	2 690	2 635	2 596	2 721	2 763
Lao People's Democratic Republic	2 887	3 176	3 118	3 143	3 168	3 156	3 124	3 167	3 188
Latvia	3 148	3 212	3 228	3 262	3 270	3 235	3 254	3 282	3 342
Lebanon	3 062	2 891	2 902	2 908	2 882	2 870	2 843	2 832	2 828
Lesotho	2 531	2 085	2 167	2 193	1 994	1 810	1 812	1 814	1 873
Liberia	2 113	2 098	2 153	2 118	2 105	2 084	2 074	2 106	2 135
Libya	3 084	2 961	2 957	2 966	2 998	2 952	2 999	2 936	2 867
Lithuania	3 230	3 381	3 412	3 364	3 359	3 364	3 366	3 360	3 348
Luxembourg	3 455	3 377	3 367	3 398	3 505	3 469	3 458	3 499	3 522
Madagascar	2 094	2 012	1 981	1 973	1 946	1 932	1 926	2 014	1 978
Malawi	2 556	2 603	2 583	2 591	2 575	2 621	2 642	2 614	2 618
Malaysia	2 834	2 877	2 894	2 894	2 892	2 933	2 919	2 991	2 927
Maldives	2 593	2 736	2 680	2 641	2 657	2 603	2 634	2 672	2 671
Mali									
Malta	3 439	3 499	3 522	3 445	3 323	3 281	3 341	3 380	3 407
Marshall Islands					2 963	3 063	3 214	3 252	3 322
Mauritania	2 854	2 892	2 870	2 895	2 894	2 895	2 888	2 955	2 909
Mauritius	3 027	2 970	2 989	3 001	3 048	3 099	3 110	3 208	3 256
Mexico	3 146	3 172	3 210	3 218	3 252	3 251	3 268	3 263	3 305
Micronesia (Federated States of)					2 791	2 781	2 805	2 736	2 633
Mongolia	2 439	2 689	2 651	2 847	2 856	2 951	3 044	3 094	3 031
Montenegro	3 362	3 394	3 516	3 543	3 568	3 588	3 684	3 687	3 669
Morocco	3 267	3 381	3 368	3 421	3 394	3 355	3 380	3 322	3 354
Mozambique	2 364	1 923	1 949	2 082	2 108	2 170	2 194	2 246	2 186
Myanmar	2 688	2 776	2 808	2 799	2 795	2 846	2 837	2 806	2 809
Namibia	2 261	2 465	2 451	2 428	2 478	2 450	2 485	2 546	2 581
Nauru					2 986	3 017	3 001	3 085	3 087
Nepal	2 513	2 691	2 847	2 855	2 887	2 938	2 994	2 972	2 920
Netherlands (Kingdom of the)	3 193	3 261	3 252	3 292	3 434	3 436	3 462	3 472	3 467
New Zealand	3 142	3 194	3 127	3 154	3 116	3 148	3 151	3 134	3 122
Nicaragua	2 539	2 558	2 668	2 645	2 681	2 700	2 751	2 798	2 760
Niger	2 556	2 587	2 601	2 687	2 652	2 713	2 583	2 695	2 654

TABLE 47.
AVERAGE DIETARY ENERGY SUPPLY (KCAL PER CAPITA PER DAY) (CONTINUED)

COUNTRY	2010	2015	2017	2018	2019	2020	2021	2022	2023
Nigeria	2 566	2 561	2 559	2 520	2 534	2 498	2 547	2 521	2 470
North Macedonia	3 037	3 172	3 248	3 337	3 434	3 523	3 570	3 522	3 476
Norway	3 570	3 459	3 418	3 487	3 534	3 533	3 508	3 487	3 476
Oman	3 283	3 024	3 032	3 051	3 063	3 077	3 034	3 056	2 981
Pakistan	2 349	2 379	2 523	2 369	2 527	2 520	2 588	2 466	2 514
Palau									
Panama	2 683	2 794	2 877	3 036	3 049	3 022	3 052	3 096	3 105
Papua New Guinea	2 110	2 173	2 197	2 178	2 180	2 214	2 175	2 203	2 177
Paraguay	3 080	3 096	3 103	3 112	3 104	3 116	3 098	3 065	3 067
Peru	2 592	2 764	2 767	2 792	2 835	2 867	2 848	2 860	2 811
Philippines	2 411	2 511	2 636	2 729	2 801	2 794	2 835	2 933	2 983
Poland	3 442	3 359	3 489	3 532	3 577	3 632	3 679	3 719	3 730
Portugal	3 513	3 464	3 425	3 451	3 463	3 472	3 486	3 498	3 553
Qatar					3 414	3 377	3 312	3 305	3 251
Republic of Korea	3 331	3 326	3 378	3 388	3 384	3 375	3 409	3 429	3 430
Republic of Moldova	2 700	2 802	2 928	3 004	3 011	2 985	3 001	2 952	2 991
Romania	3 358	3 538	3 597	3 622	3 650	3 646	3 661	3 702	3 649
Russian Federation	3 348	3 414	3 421	3 375	3 395	3 411	3 432	3 502	3 528
Rwanda	2 120	2 081	2 283	2 213	2 200	2 158	2 336	2 477	2 405
Saint Kitts and Nevis	2 633	2 774	2 928	2 897	2 855	2 902	2 899	2 848	2 854
Saint Lucia	2 595	2 612	2 667	2 679	2 683	2 731	2 721	2 718	2 654
Saint Vincent and the Grenadines	2 907	3 015	2 990	2 998	2 982	2 954	2 987	3 016	3 043
Samoa	2 899	2 990	3 017	3 068	3 084	3 092	3 155	3 178	3 117
San Marino									
Sao Tome and Principe	2 346	2 314	2 357	2 356	2 378	2 428	2 431	2 375	2 279
Saudi Arabia	3 400	3 498	3 576	3 704	3 786	3 780	3 730	3 720	3 660
Senegal	2 456	2 468	2 561	2 590	2 646	2 718	2 736	2 774	2 848
Serbia	3 331	3 494	3 520	3 587	3 679	3 747	3 817	3 860	3 879
Seychelles	2 831	2 858	2 819	2 909	2 860	2 902	2 875	2 890	2 889
Sierra Leone	2 379	2 405	2 357	2 360	2 307	2 320	2 367	2 419	2 437
Singapore									
Slovakia	2 823	2 738	2 884	2 908	3 029	3 016	2 979	2 981	2 980
Slovenia	3 241	3 230	3 260	3 250	3 193	3 148	3 089	3 131	3 200
Solomon Islands	2 416	2 309	2 342	2 308	2 357	2 311	2 256	2 191	2 166
Somalia									
South Africa	2 867	2 801	2 835	2 826	2 789	2 760	2 686	2 724	2 694
South Sudan									
Spain	3 181	3 203	3 297	3 346	3 349	3 346	3 376	3 355	3 377
Sri Lanka	2 463	3 006	2 616	2 765	2 719	3 008	2 937	2 568	2 675
Sudan									
Suriname	2 667	2 623	2 606	2 631	2 665	2 647	2 611	2 588	2 539
Sweden	3 204	3 229	3 201	3 166	3 233	3 265	3 298	3 327	3 367
Switzerland	3 456	3 419	3 411	3 417	3 418	3 483	3 440	3 461	3 402
Syrian Arab Republic	3 089	2 798	2 624	2 526	2 487	2 421	2 390	2 349	2 259

TABLE 47.
AVERAGE DIETARY ENERGY SUPPLY (KCAL PER CAPITA PER DAY) (CONTINUED)

COUNTRY	2010	2015	2017	2018	2019	2020	2021	2022	2023
Tajikistan	2 256	2 421	2 554	2 629	2 711	2 703	2 711	2 735	2 712
Thailand	2 743	2 776	2 752	2 777	2 801	2 850	2 858	2 862	2 855
Timor-Leste	2 259	2 299	2 308	2 248	2 257	2 221	2 241	2 302	2 277
Togo									
Tonga					2 898	2 923	3 033	2 969	3 059
Trinidad and Tobago	2 962	3 047	3 048	3 033	3 023	3 030	2 999	2 965	2 946
Tunisia	3 300	3 389	3 395	3 445	3 500	3 527	3 531	3 468	3 432
Türkiye	3 643	3 699	3 699	3 716	3 718	3 744	3 746	3 825	3 892
Turkmenistan	2 832	2 912	2 896	2 879	2 847	2 863	2 871	2 827	2 814
Tuvalu					2 993	3 137	3 212	3 269	3 301
Uganda	2 441	2 265	2 121	2 318	2 050	2 349	2 295	2 495	2 378
Ukraine	3 097	3 023	2 983	2 939	2 894	2 875	2 886	2 767	2 786
United Arab Emirates	3 659	3 279	3 161	3 157	3 247	3 244	3 171	3 130	3 125
United Kingdom of Great Britain and Northern Ireland	3 304	3 365	3 370	3 324	3 356	3 355	3 323	3 338	3 435
United Republic of Tanzania	2 246	2 379	2 380	2 363	2 387	2 402	2 418	2 474	2 518
United States of America	3 731	3 737	3 763	3 790	3 820	3 847	3 875	3 937	3 947
Uruguay	3 139	3 177	3 222	3 272	3 308	3 286	3 318	3 325	3 323
Uzbekistan	2 938	3 247	3 197	3 218	3 236	3 242	3 242	3 277	3 297
Vanuatu	2 934	2 913	2 961	2 952	2 917	2 921	2 916	2 914	2 909
Venezuela (Bolivarian Republic of)	2 916	2 616	2 289	2 190	2 235	2 299	2 596	2 721	2 800
Viet Nam	2 730	2 823	2 862	2 886	2 922	2 966	3 004	3 031	3 086
Yemen	2 097	1 961	1 871	1 866	1 897	2 026	2 018	1 839	1 811
Zambia	1 925	2 106	2 215	2 244	2 226	2 207	2 184	2 119	2 170
Zimbabwe	2 157	2 075	2 181	2 205	2 144	2 240	2 310	2 319	2 393

Source: FAO. 2025. FAOSTAT: Food Balances (2010-). [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/FBS>.
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TABLE 48.
CEREAL IMPORT DEPENDENCY RATIO (PERCENT)

COUNTRY	2000–2002	2004–2006	2009–2011	2016–2018	2017–2019	2018–2020	2019–2021	2020–2022	2021–2023
World	-0.5	-0.6	1.7	0.9	1.4	1.3	1.0	1.3	0.2
Africa	28.2	26.4	30.3	34.2	33.2	33.3	33.2	32.4	31.9
Asia	7.9	8.3	10.5	10.3	10.4	10.8	11.7	12.4	12.3
Latin America and the Caribbean	12.1	10.0	4.0	-4.7	-5.9	-6.0	-6.9	-5.7	-9.9
Northern America and Europe	-18.5	-19.0	-19.5	-24.2	-23.1	-25.6	-27.6	-27.0	-27.3
Oceania	-166.4	-143.8	-137.1	-136.2	-101.4	-92.4	-121.4	-161.1	-191.4
Afghanistan	34.1	19.2	29.6	43.9	43.1	39.4	37.7	42.6	46.1
Albania	47.0	50.9	45.0	45.9	46.1	47.2	43.8	39.3	36.4
Algeria	79.7	70.5	70.0	74.3	72.5	71.9	80.6	81.2	83.9
Andorra									
Angola	57.1	61.8	52.1	41.8	41.9	40.8	39.9	37.9	35.7
Antigua and Barbuda	94.5	100.0	100.0	97.8	97.8	100.0	100.0	100.0	100.0
Argentina	-172.3	-172.4	-168.2	-166.3	-132.5	-135.9	-141.5	-137.7	-128.2
Armenia	61.7	55.2	56.8	57.3	74.8	76.5	86.3	77.8	75.0
Australia	-194.9	-164.9	-159.0	-175.8	-131.2	-127.1	-163.2	-213.8	-241.6
Austria	-6.4	-4.6	7.5	16.5	18.7	19.4	20.1	19.9	20.4
Azerbaijan	29.0	38.2	41.1	34.6	33.5	32.9	33.7	34.4	34.1
Bahamas	100.0	96.7	100.0	100.0	100.0	98.8	98.8	98.3	98.4
Bahrain									
Bangladesh	9.3	9.8	9.3	13.1	12.4	12.1	13.6	16.1	16.0
Barbados	100.0	100.0	96.6	100.0	100.0	100.0	100.0	100.0	100.0
Belarus	20.0	10.9	2.1	4.0	10.0	10.0	7.4	4.1	3.9
Belgium	56.5	46.4	67.4	75.3	72.9	72.1	71.3	72.8	71.7
Belize	34.6	32.5	19.3	13.9	16.6	17.9	16.7	13.4	13.2
Benin	13.0	31.9	31.4	50.4	47.0	42.4	43.4	46.7	49.9
Bhutan							68.4	71.9	74.2
Bolivia (Plurinational State of)	28.9	20.8	19.0	20.7	19.6	17.8	16.3	15.0	11.0
Bosnia and Herzegovina	36.3	35.1	45.4	39.2	39.1	32.8	33.3	32.3	36.6
Botswana	90.9	69.8	93.2	99.8	98.6	84.0	78.3	74.7	82.7
Brazil	13.1	5.7	-2.9	-17.1	-25.6	-27.7	-24.6	-23.8	-30.9
Brunei Darussalam	100.0	98.1							
Bulgaria	-22.1	-34.3	-74.9	-182.0	-154.3	-251.1	-261.5	-211.1	-1015.6
Burkina Faso	9.0	7.4	11.7	18.9	18.6	16.1	15.5	17.1	20.5
Burundi				26.6	24.8	22.7	23.1	26.5	21.0
Cabo Verde	77.2	78.0	100.0	92.2	96.4	97.2	100.0	100.0	100.0
Cambodia	3.9	1.8	-1.5	-3.4	-3.9	-3.1	-3.6	-3.6	-3.2
Cameroon	31.2	30.9	27.9	29.7	31.9	31.9	34.1	34.3	34.6
Canada	-55.9	-62.2	-83.5	-78.5	-83.1	-80.8	-120.9	-108.2	-116.9
Central African Republic	19.4	18.6	26.4						
Chad	5.0	6.5	9.9	5.0	4.4	4.1	4.9	5.2	6.2
Chile	35.1	31.6	37.9	43.8	49.0	54.5	58.5	61.4	61.3
China	-0.7	1.6	2.0	4.5	4.2	4.7	6.9	8.9	10.0
Colombia	54.5	55.4	61.2	61.6	63.1	63.7	64.0	64.2	65.3

TABLE 48.
CEREAL IMPORT DEPENDENCY RATIO (PERCENT) (CONTINUED)

COUNTRY	2000-2002	2004-2006	2009-2011	2016-2018	2017-2019	2018-2020	2019-2021	2020-2022	2021-2023
Comoros				78.2					
Congo	100.0	89.5	91.2	93.3	94.4	97.7	94.4	89.9	88.7
Costa Rica	80.6	85.5	78.3	85.6	87.3	89.6	89.2	91.8	92.5
Côte d'Ivoire	48.5	51.7	71.2	44.2	45.5	48.1	52.7	54.8	52.1
Croatia	-4.7	3.0	-11.0	-23.2	-28.2	-41.2	-51.5	-60.2	-50.8
Cuba	71.9	73.3	78.1			83.0	86.1	91.1	94.6
Cyprus	100.0	100.0	95.7	99.6	98.2	98.4	97.3	98.0	98.5
Czechia	-10.1	-26.2	-38.1	-65.9	-50.5	-38.7	-42.6	-49.9	-49.8
Democratic People's Republic of Korea	45.8	27.2	12.2	19.0					
Democratic Republic of the Congo				20.7	22.2	21.6	22.5	23.1	24.8
Denmark	-14.3	-2.2	-12.7	-9.8	-6.4	-5.5	-8.8	-8.3	-7.0
Djibouti	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Dominica	100.0	100.0	100.0	100.0	100.0	100.0	95.2	95.2	100.0
Dominican Republic	77.9	77.6	67.4	66.6	66.3	66.1	63.8	63.0	63.0
Ecuador	30.5	33.7	35.1	38.0	40.5	39.6	39.7	39.0	39.6
Egypt	34.8	30.3	44.6	51.1	50.8	49.7	44.0	43.4	42.8
El Salvador	46.6	45.6	43.0	48.2	52.1	55.6	53.5	53.6	54.1
Equatorial Guinea									
Eritrea									
Estonia	25.0	4.6	-17.9	-290.3	-122.7	-129.3	-133.0	-111.8	-119.5
Eswatini	59.6	68.0	69.1	72.5	64.6	64.4	65.8	64.8	67.5
Ethiopia	10.2	6.1	11.0	9.1	8.2	9.1	10.2	10.3	8.6
Fiji	100.0	89.2	100.0	100.0	100.0	95.8	83.2	90.3	92.6
Finland	-11.8	-11.5	-29.4	-11.7	-7.4	-8.7	-10.5	-6.1	-1.2
France	-82.9	-81.0	-96.8	-99.5	-67.0	-100.0	-87.8	-102.6	-71.7
Gabon	94.1	78.2	86.0	86.1	86.5	83.3	82.6	87.4	90.6
Gambia	40.2	39.4	58.7	82.6	94.6	93.2	97.4	88.7	89.6
Georgia	59.4	76.6	72.2	69.4	70.8	66.1	65.2	65.7	66.1
Germany	-24.2	-14.6	-7.3	-1.5	4.1	4.7	1.8	0.1	0.4
Ghana	26.1	38.6	29.4	39.0	38.7	37.3	38.1	35.4	32.1
Greece	20.2	23.0	19.9	33.5	37.5	36.9	35.7	34.5	34.0
Grenada	88.2	86.4	98.0	98.5	100.0	100.0	99.3	100.0	100.0
Guatemala	44.0	50.2	42.9	48.8	52.5	53.8	55.0	54.0	54.7
Guinea	21.4	14.9	15.2	28.0	26.7	27.7	28.7	29.5	28.5
Guinea-Bissau	41.7	39.6	40.3						50.7
Guyana	-59.4	-64.8	-27.4	-45.7	-49.3	16.8	-28.6	-18.7	-105.7
Haiti	58.0	65.2	55.5	72.8	77.6	82.8	83.6	82.8	82.9
Honduras	45.7	57.3	59.0	60.4	62.1	63.4	65.2	65.6	65.7
Hungary	-35.8	-42.4	-90.0	-72.7	-76.7	-77.0	-93.8	-93.2	-61.4
Iceland				86.9	88.7	91.8	92.8	93.6	93.1
India	-3.2	-2.3	-3.1	-5.2	-5.1	-6.2	-8.8	-12.2	-12.4
Indonesia	12.8	11.7	11.4	14.6	14.5	15.1	15.2	14.5	15.7
Iran (Islamic Republic of)	37.4	18.1	36.3	37.4	39.8	44.4	47.9	49.8	40.6

TABLE 48.
CEREAL IMPORT DEPENDENCY RATIO (PERCENT) (CONTINUED)

COUNTRY	2000-2002	2004-2006	2009-2011	2016-2018	2017-2019	2018-2020	2019-2021	2020-2022	2021-2023
Iraq	75.2	58.1	56.4	62.9	59.5	50.2	46.3	55.9	63.0
Ireland	20.3	25.4	40.3	54.8	56.1	61.3	58.2	62.6	65.8
Israel	92.5	93.5	94.9	93.9	93.9	94.1	91.8	91.9	93.7
Italy	19.6	21.6	27.9	39.0	41.4	41.2	39.8	41.4	42.5
Jamaica	100.0	100.0	100.0	99.5	99.4	99.6	99.4	99.3	99.3
Japan	77.0	78.2	72.6	71.6	70.4	68.9	67.0	67.1	67.5
Jordan	94.2	96.6	92.1	100.0	100.0	100.0	99.7	98.5	100.0
Kazakhstan	-56.0	-43.7	100.0	-71.4	-88.1	-85.1	-69.9	-49.6	-59.4
Kenya	23.9	21.5	45.2	50.9	48.2	43.7	47.8	49.9	49.5
Kiribati									
Kuwait	100.0	100.0	98.0	98.0	96.0	95.3	94.7	98.5	99.4
Kyrgyzstan	9.0	14.9	25.1	19.6	22.8	21.8	26.2	24.6	27.4
Lao People's Democratic Republic	2.5	-0.5	-3.9	-2.0	-1.7	-1.0	0.1	0.1	-0.3
Latvia	1.7	-17.7	-83.6	-143.5	-160.6	-201.8	-222.5	-188.7	-140.7
Lebanon	88.1	82.6	91.1	85.1	85.7	87.4	87.1	86.3	86.6
Lesotho	47.8	41.3	76.7	75.4	88.4	100.0	100.0	82.8	68.4
Liberia	65.3	86.1	63.0	65.2	72.1	73.3	74.8	73.0	72.3
Libya				86.1	90.2	93.0	92.5	100.0	100.0
Lithuania	-4.8	-32.3	-91.2	-217.3	-178.8	-190.7	-229.9	-189.1	-180.4
Luxembourg	6.1	-2.9	16.1	19.2	18.0	23.6	31.6	38.7	38.7
Madagascar	11.3	11.6	7.4	20.7	22.2	20.5	20.5	21.3	19.9
Malawi	10.1	6.9	1.7	10.2	5.0	4.4	3.1	1.9	1.9
Malaysia	80.2	86.3	72.4	74.8	76.5	76.4	76.4	77.4	78.1
Maldives	100.0	100.0	100.0					93.3	97.3
Mali	8.6	9.6	7.1	9.4	9.0	7.2	7.7	7.0	7.2
Malta	100.0	82.4	92.1	93.7	97.4	100.0	100.0	100.0	100.0
Marshall Islands							100.0	100.0	
Mauritania	64.7	64.4	83.8			65.4	62.3	59.0	55.3
Mauritius	99.4	96.2	100.0	94.7	89.7	94.5	94.3	93.8	90.9
Mexico	35.4	35.8	31.9	34.0	37.8	38.9	39.2	37.8	37.6
Micronesia (Federated States of)								95.6	100.0
Mongolia	69.1	68.0	40.1	44.2	44.1	37.4	36.3	37.4	39.3
Montenegro			99.7	93.8	91.8	92.6	94.6	96.1	96.1
Morocco	52.1	39.1	39.8	60.5	53.1	69.6	70.1	74.0	64.6
Mozambique	28.0	42.2	30.0	51.6	50.7	49.5	51.5	49.1	47.3
Myanmar	-5.4	-1.5	-0.9	-4.4	-9.7	-10.4	-11.5	-11.5	-12.4
Namibia	56.2	58.0	77.0	81.9	85.4	81.5	80.4	74.8	78.7
Nauru									
Nepal	1.6	1.9	4.5	15.8	14.7	15.7	18.6	19.1	17.3
Netherlands (Kingdom of the)	72.1	77.2	84.9	87.5	87.9	88.3	89.0	89.6	90.3
New Zealand	31.1	38.2	29.1	45.6	49.6	47.8	46.2	46.8	48.1
Nicaragua	27.4	29.2	31.7	40.5	41.1	43.8	45.3	49.1	50.5
Niger	9.4	9.9	9.4	7.0	11.1	15.7	22.5	23.9	24.3

TABLE 48.
CEREAL IMPORT DEPENDENCY RATIO (PERCENT) (CONTINUED)

COUNTRY	2000-2002	2004-2006	2009-2011	2016-2018	2017-2019	2018-2020	2019-2021	2020-2022	2021-2023
Nigeria	15.2	16.1	22.0	16.5	17.4	16.9	17.8	17.0	16.3
North Macedonia	28.0	22.2	25.7	30.0	31.1	27.5	26.5	25.3	25.5
Norway	28.8	27.9	54.5	74.8	76.1	76.7	73.2	73.7	78.3
Oman	100.0	90.2	91.0	97.9	94.6	93.1	88.5	87.8	88.6
Pakistan	-9.2	-9.4	-18.1	-17.1	-18.5	-16.8	-11.7	-8.7	-9.9
Palau									
Panama	63.6	64.4	65.6	69.4	67.3	65.7	63.9	63.6	61.9
Papua New Guinea				92.9	100.0	100.0	98.0	93.7	95.2
Paraguay	-18.2	-125.2	-134.3	-62.1	-70.7	-73.4	-86.6	61.8	-1894.1
Peru	44.7	48.0	46.2	53.0	54.4	54.3	54.3	53.1	52.0
Philippines	25.5	21.7	20.9	23.7	27.6	30.3	31.2	30.8	30.7
Poland	4.8	0.2	0.7	-11.2	-8.8	-14.1	-19.6	-22.2	-31.2
Portugal	67.7	77.0	79.4	77.8	78.8	78.5	78.0	80.4	80.8
Qatar							97.1	99.0	100.0
Republic of Korea	73.4	74.6	74.5	74.8	75.4	77.0	77.0	77.8	78.5
Republic of Moldova	-9.6	-10.2	-12.9	-42.6	-45.9	-72.7	-69.4	100.0	100.0
Romania	0.6	-0.8	-20.0	-38.7	-38.0	-49.7	-61.5	-81.8	-138.1
Russian Federation	-3.5	-10.2	-28.6	-67.5	-72.0	-73.0	-47.4	-36.5	-32.1
Rwanda	20.1	21.5	27.5	41.3	37.2	32.3	28.7	32.5	35.3
Saint Kitts and Nevis									
Saint Lucia	100.0	100.0	100.0	100.0	100.0	100.0	92.9	97.3	100.0
Saint Vincent and the Grenadines	100.0	82.9	100.0	100.0	100.0	93.8	87.7	95.3	98.5
Samoa									
San Marino									
Sao Tome and Principe									
Saudi Arabia	73.0	74.6	86.0	95.2	94.7	94.5	93.2	91.8	89.3
Senegal	53.1	54.7	52.4	47.8	46.2	45.4	45.7	45.4	45.6
Serbia			-31.2	-53.7	-60.5	-51.5	-59.2	-56.6	-41.6
Seychelles									
Sierra Leone	36.3	21.8	19.1	39.8	40.6	40.2	33.6	31.6	28.2
Singapore									
Slovakia	-4.3	-34.2	-28.2	-74.2	-62.9	-40.7	-53.3	-98.3	-100.7
Slovenia	41.0	46.9	39.9	49.6	46.0	37.5	32.3	32.6	36.9
Solomon Islands	85.8	96.1	97.9					100.0	100.0
Somalia				91.4	87.3	88.7	88.7	89.5	91.9
South Africa	6.7	10.2	7.6	22.7	16.8	14.8	10.1	2.7	0.7
South Sudan							28.1	26.2	22.7
Spain	26.6	36.3	34.7	39.6	43.5	38.0	36.4	38.0	50.3
Sri Lanka	36.7	37.2	22.5	33.8	34.6	23.0	20.1	26.5	26.4
Sudan				22.9	26.1	27.5	31.9	27.9	29.0
Suriname	8.1	21.6	-1.7	-11.4	-13.3	-14.8	-17.5	-8.2	-4.3
Sweden	-24.2	-22.8	-11.4	-19.1	-9.6	-13.1	-17.2	-19.2	-13.4
Switzerland	38.6	40.8	54.4	63.3	61.2	60.4	61.2	61.8	64.6
Syrian Arab Republic				52.1	43.8	38.0	33.7	48.0	49.8

TABLE 48.
CEREAL IMPORT DEPENDENCY RATIO (PERCENT) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2016–2018	2017–2019	2018–2020	2019–2021	2020–2022	2021–2023
Tajikistan	35.9	44.2	43.3	48.3	49.0	51.0	49.2	48.5	48.4
Thailand	-39.9	-46.0	-45.0	-53.1	-50.4	-29.7	-13.1	-12.6	-18.5
Timor-Leste	33.2	24.9	30.7	45.6	47.7				
Togo	14.1	18.3	17.3	31.6	33.3	36.0	35.9	35.5	34.6
Tonga								96.0	
Trinidad and Tobago	94.6	97.1	97.2	100.0	100.0	100.0	100.0	100.0	100.0
Tunisia	70.1	55.8	57.8	72.9	66.4	67.8	67.9	71.8	87.0
Türkiye	1.1	-4.8	8.1	31.1	34.7	35.2	38.4	36.8	35.0
Turkmenistan				12.1	14.7	15.3	12.3	14.6	22.4
Tuvalu									
Uganda	5.9	15.8	9.3	5.8	8.0	9.7	16.3	16.8	15.3
Ukraine	-23.5	-38.0	-66.0	-202.1	-243.3	-302.1	-284.4	-310.9	-298.4
United Arab Emirates	100.0	100.0	94.4	98.3	100.0	100.0	96.5	97.7	100.0
United Kingdom of Great Britain and Northern Ireland	-2.8	-1.6	7.1	20.1	21.6	25.7	25.6	27.2	23.8
United Republic of Tanzania	9.4	12.6	11.5	3.6	3.4	2.0	0.5	-0.9	1.8
United States of America	-31.6	-30.6	-25.1	-21.6	-21.6	-21.6	-22.0	-23.5	-20.3
Uruguay	-81.3	-94.0	-282.5	-73.0	-62.2	-68.7	-73.2	-72.2	-60.5
Uzbekistan	13.2	5.8	19.3	31.8	33.2	34.1	28.5	27.7	28.0
Vanuatu	96.4	97.1	94.3	93.2	100.0	100.0	100.0	98.2	98.2
Venezuela (Bolivarian Republic of)	49.6	37.7	52.3	62.5	65.8	61.4	60.3	51.7	49.3
Viet Nam	-12.0	-13.1	-15.0	12.4	11.9	14.0	15.1	15.4	15.4
Yemen	80.5	84.4	88.2	96.8	94.9	94.0	88.4	90.8	93.4
Zambia	9.0	9.0	-6.4	-9.0	-1.0	0.6	-1.2	-10.0	-9.7
Zimbabwe	11.7	28.7	53.6	41.6	37.8	42.4	43.8	37.4	41.5

Source: FAO. 2025. FAOSTAT: Suite of Food Security Indicators. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/FS>. Licence: CC-BY-4.0.

TABLE 49.
DIETARY ENERGY SUPPLY BY COMMODITY GROUP, 2023 (KCAL PER CAPITA PER DAY) (CONTINUED)

COUNTRY	CEREALS	OILCROPS, FATS AND OILS	SUGAR	ROOTS, TUBERS AND PULSES	FRUIT AND VEGETABLES	MEAT	DAIRY AND EGGS (EXCL BUTTER)	BEVERAGES AND OTHER	FISH AND SEAFOOD
World	1 280	462	238	230	228	224	209	106	39
Africa	1 167	326	152	520	163	85	73	52	17
Americas	976	697	452	179	210	416	331	153	23
Asia	1 435	416	194	163	257	202	185	90	48
Europe	966	692	384	153	196	358	454	247	40
Oceania	734	637	349	280	237	410	257	199	36
Afghanistan	1 641	247	107	65	103	36	87	29	1
Albania	820	364	263	147	551	274	617	186	17
Algeria	1 487	607	290	177	407	111	268	44	6
Andorra									
Angola	655	297	96	952	174	100	19	77	30
Antigua and Barbuda	589	459	234	80	269	398	198	221	97
Argentina	1 093	534	386	139	142	607	324	125	12
Armenia	1 136	425	289	139	300	292	401	138	10
Australia	738	763	433	237	192	495	398	269	39
Austria	883	1 169	378	93	209	330	416	252	26
Azerbaijan	1 596	371	242	163	255	212	321	174	4
Bahamas	453	402	197	44	335	536	250	405	50
Bahrain	1 078	747	455	112	223	362	233	180	32
Bangladesh	1 756	198	74	175	92	21	161	56	54
Barbados	939	461	426	172	171	313	196	344	95
Belarus	787	443	366	303	212	533	472	259	21
Belgium	714	922	564	217	216	282	657	310	38
Belize	1 065	585	348	61	101	316	120	214	22
Benin									
Bhutan	1 927	467	128	172	82	73	94	149	14
Bolivia (Plurinational State of)	971	159	277	233	159	371	98	102	4
Bosnia and Herzegovina	1 130	269	258	257	466	257	341	468	12
Botswana	1 290	332	298	131	66	184	71	337	5
Brazil	912	734	396	241	175	479	348	124	14
Brunei Darussalam									
Bulgaria	826	812	326	59	168	290	322	182	15
Burkina Faso	1 592	384	79	311	116	128	46	115	20
Burundi									
Cabo Verde	1 297	402	193	185	106	220	196	178	16
Cambodia	1 541	148	156	400	49	95	17	146	90
Cameroon	1 151	381	163	717	242	74	29	111	34
Canada	873	985	443	156	200	376	338	187	31
Central African Republic									
Chad									
Chile	1 067	336	445	117	161	454	216	238	22
China	1 595	423	93	160	457	436	151	120	80
Colombia	938	468	521	226	286	299	270	96	22

TABLE 49.
DIETARY ENERGY SUPPLY BY COMMODITY GROUP, 2023 (KCAL PER CAPITA PER DAY) (CONTINUED)

COUNTRY	CEREALS	OILCROPS, FATS AND OILS	SUGAR	ROOTS, TUBERS AND PULSES	FRUIT AND VEGETABLES	MEAT	DAIRY AND EGGS (EXCL BUTTER)	BEVERAGES AND OTHER	FISH AND SEAFOOD
Comoros	988	428	105	454	192	105	34	50	34
Congo	492	289	146	788	80	249	11	91	40
Costa Rica	948	505	473	150	146	261	395	141	41
Côte d'Ivoire	1 040	334	115	1 047	153	73	17	114	45
Croatia	894	630	416	110	284	429	362	287	36
Cuba									
Cyprus	961	443	249	78	154	317	376	269	29
Czechia	664	937	366	125	159	341	357	418	18
Democratic People's Republic of Korea									
Democratic Republic of the Congo	319	133	37	1 376	99	19	7	18	7
Denmark	927	543	474	149	196	488	581	325	52
Djibouti	1 403	400	319	197	123	74	117	76	12
Dominica									
Dominican Republic	768	558	402	183	725	266	253	127	31
Ecuador	920	605	326	67	147	250	223	73	11
Egypt	1 962	228	249	85	288	118	110	15	39
El Salvador	1 303	304	327	235	169	189	247	108	15
Equatorial Guinea									
Eritrea									
Estonia	604	514	352	210	164	297	678	448	19
Eswatini	1 328	271	308	198	91	114	88	168	8
Ethiopia	1 829	185	90	259	33	38	63	62	1
Fiji	788	554	345	461	183	278	118	153	58
Finland	1 075	404	326	166	154	364	570	230	57
France	908	724	341	106	194	382	449	335	51
Gabon	979	334	167	400	277	281	63	130	57
Gambia	1 375	258	488	34	19	79	82	29	38
Georgia	1 244	319	376	93	127	205	375	240	20
Germany	732	875	411	134	197	305	579	275	26
Ghana	853	313	112	1 339	304	78	13	61	50
Greece	853	770	335	122	238	326	487	219	32
Grenada	550	496	347	108	230	375	290	386	45
Guatemala	1 152	373	594	125	161	217	124	70	7
Guinea	1 283	462	198	629	216	77	37	23	23
Guinea-Bissau	1 449	576	18	185	85	80	35	127	5
Guyana	1 036	208	351	208	625	367	225	254	44
Haiti	1 008	154	220	192	161	105	14	92	12
Honduras	1 052	521	417	153	94	157	131	95	9
Hungary	979	876	493	82	201	335	326	245	13
Iceland	1 025	509	334	78	192	503	555	325	161
India	1 360	388	213	199	166	32	230	63	18
Indonesia	1 345	592	280	229	167	83	94	27	84
Iran (Islamic Republic of)	1 432	475	287	78	262	128	103	87	23

TABLE 49.
DIETARY ENERGY SUPPLY BY COMMODITY GROUP, 2023 (KCAL PER CAPITA PER DAY) (CONTINUED)

COUNTRY	CEREALS	OILCROPS, FATS AND OILS	SUGAR	ROOTS, TUBERS AND PULSES	FRUIT AND VEGETABLES	MEAT	DAIRY AND EGGS (EXCL BUTTER)	BEVERAGES AND OTHER	FISH AND SEAFOOD
Iraq	1 605	330	306	113	155	97	65	87	5
Ireland	937	700	487	151	184	565	530	333	34
Israel	1 089	751	419	102	322	462	377	188	43
Italy	1 072	898	388	147	204	313	464	214	52
Jamaica	869	420	404	246	235	272	184	207	55
Japan									
Jordan	984	520	377	116	142	151	180	78	9
Kazakhstan	882	559	262	251	312	314	347	200	8
Kenya	946	204	230	321	176	54	175	35	5
Kiribati	1 016	1 018	443	36	143	215	50	59	146
Kuwait	1 209	537	278	102	324	287	221	152	24
Kyrgyzstan	1 032	190	202	247	215	216	459	199	3
Lao People's Democratic Republic	1 559	140	172	587	352	179	19	120	62
Latvia	831	731	363	117	152	373	404	310	61
Lebanon	1 060	460	437	145	243	164	179	130	9
Lesotho	1 131	141	119	128	33	103	147	67	4
Liberia	1 154	273	67	394	85	92	12	49	9
Libya	882	600	337	100	297	203	221	199	28
Lithuania	884	468	421	134	144	409	539	291	58
Luxembourg	954	335	305	76	201	442	563	601	45
Madagascar	1 281	76	135	348	63	27	29	12	7
Malawi	1 240	157	99	577	313	164	24	25	17
Malaysia	1 065	600	422	86	127	275	168	91	91
Maldives	999	251	260	80	216	119	295	295	157
Mali									
Malta	1 148	522	415	88	215	310	367	284	58
Marshall Islands	1 020	1 028	238	19	59	545	135	193	86
Mauritania	1 539	358	378	103	85	177	232	22	15
Mauritius	1 279	641	366	135	147	272	202	156	58
Mexico	1 319	446	407	111	228	380	277	111	26
Micronesia (Federated States of)	531	937	254	306	70	293	52	89	101
Mongolia	939	357	191	84	97	746	392	221	3
Montenegro	1 157	328	299	95	237	507	654	371	21
Morocco	1 876	368	387	136	211	152	96	94	33
Mozambique	977	236	67	745	52	51	6	29	24
Myanmar	1 738	387	177	110	137	103	29	41	88
Namibia	1 123	279	344	312	62	124	106	213	19
Nauru	829	661	435	87	127	518	185	196	48
Nepal	1 679	345	106	308	184	59	130	99	9
Netherlands (Kingdom of the)	717	612	457	159	243	393	660	194	32
New Zealand	959	495	499	139	265	364	141	221	40
Nicaragua	1 387	262	376	160	103	151	219	90	11

TABLE 49.
DIETARY ENERGY SUPPLY BY COMMODITY GROUP, 2023 (KCAL PER CAPITA PER DAY) (CONTINUED)

COUNTRY	CEREALS	OILCROPS, FATS AND OILS	SUGAR	ROOTS, TUBERS AND PULSES	FRUIT AND VEGETABLES	MEAT	DAIRY AND EGGS (EXCL BUTTER)	BEVERAGES AND OTHER	FISH AND SEAFOOD
Niger	1 400	390	53	521	146	37	85	18	4
Nigeria	896	484	77	759	154	37	16	34	13
North Macedonia	1 132	599	440	177	362	260	248	242	16
Norway	1 041	594	326	252	175	338	361	304	84
Oman	918	457	249	121	615	179	278	119	45
Pakistan	1 079	489	285	112	63	89	381	12	3
Palau									
Panama	1 207	551	337	98	225	328	140	187	31
Papua New Guinea	578	410	90	427	364	257	6	30	15
Paraguay	1 130	547	218	554	125	143	179	159	11
Peru	1 020	262	203	465	261	278	165	106	50
Philippines	1 774	286	271	59	205	181	45	106	55
Poland	1 009	703	555	191	168	416	466	198	25
Portugal	1 036	649	189	147	245	449	365	392	80
Qatar	1 353	520	256	149	252	298	191	196	36
Republic of Korea	1 098	776	489	54	217	387	99	182	128
Republic of Moldova	1 026	353	366	207	318	183	294	208	38
Romania	1 248	607	298	117	237	322	507	298	16
Russian Federation	1 159	582	419	165	165	378	434	181	45
Rwanda	707	225	162	925	221	33	31	90	11
Saint Kitts and Nevis	713	686	441	125	147	383	150	143	66
Saint Lucia	886	404	308	148	131	392	113	222	50
Saint Vincent and the Grenadines	783	377	383	203	212	524	174	345	41
Samoa	943	526	326	239	270	493	95	116	108
San Marino									
Sao Tome and Principe	867	426	190	134	388	116	34	76	49
Saudi Arabia	1 582	595	349	110	422	240	216	122	25
Senegal	1 649	501	193	186	128	100	44	18	26
Serbia	1 888	395	132	129	279	415	372	253	18
Seychelles	1 063	316	296	121	167	311	170	358	86
Sierra Leone	1 295	222	125	560	87	49	21	23	56
Singapore									
Slovakia	748	844	360	126	146	299	240	195	21
Slovenia	1 168	487	280	100	238	258	338	312	20
Solomon Islands	712	355	120	716	46	75	20	56	65
Somalia									
South Africa	1 218	502	274	70	67	293	114	145	10
South Sudan									
Spain	760	790	312	157	222	416	401	249	70
Sri Lanka	1 496	214	392	175	134	46	96	66	55
Sudan									
Suriname	1 054	359	463	76	112	215	89	137	33

TABLE 49.
DIETARY ENERGY SUPPLY BY COMMODITY GROUP, 2023 (KCAL PER CAPITA PER DAY) (CONTINUED)

COUNTRY	CEREALS	OILCROPS, FATS AND OILS	SUGAR	ROOTS, TUBERS AND PULSES	FRUIT AND VEGETABLES	MEAT	DAIRY AND EGGS (EXCL BUTTER)	BEVERAGES AND OTHER	FISH AND SEAFOOD
Sweden	891	749	340	119	153	344	471	247	52
Switzerland	852	758	361	96	190	314	527	277	27
Syrian Arab Republic	1 282	306	74	93	151	91	165	96	2
Tajikistan	1 302	403	168	114	234	199	228	63	2
Thailand	1 411	277	489	61	132	136	92	193	65
Timor-Leste	1 332	343	110	136	51	194	38	58	14
Togo									
Tonga	787	424	206	255	291	761	104	167	64
Trinidad and Tobago	1 088	638	361	160	126	269	142	126	34
Tunisia	1561	559	273	119	385	135	240	129	31
Türkiye	1 424	678	289	214	386	244	432	217	9
Turkmenistan	1 275	156	168	136	165	292	579	38	5
Tuvalu	1 117	664	528	53	195	394	101	136	113
Uganda	885	287	121	371	444	61	108	69	32
Ukraine	930	269	362	278	208	228	331	150	30
United Arab Emirates	1 141	787	269	188	178	271	210	40	42
United Kingdom of Great Britain and Northern Ireland	1 021	663	327	135	181	391	397	287	32
United Republic of Tanzania	1 185	318	100	541	140	68	97	55	13
United States of America	848	984	569	138	226	491	447	215	29
Uruguay	1 096	492	403	134	172	333	491	182	21
Uzbekistan	1 302	343	190	173	354	268	576	80	11
Vanuatu	1 041	782	165	237	281	200	67	72	65
Venezuela (Bolivarian Republic of)	1 096	539	346	172	166	156	213	96	16
Viet Nam	1 566	304	249	85	266	351	57	137	71
Yemen	956	304	238	61	59	60	52	76	4
Zambia	975	318	106	563	21	94	20	48	24
Zimbabwe	956	428	189	192	163	322	54	85	5

Source: FAO. 2025. FAOSTAT: Food Balances (2010-). [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/FBS>.
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TABLE 50.
AVERAGE PROTEIN SUPPLY BY ORIGIN (G PER CAPITA PER DAY)

COUNTRY	AVERAGE PROTEIN SUPPLY				AVERAGE SUPPLY OF PROTEIN OF ANIMAL ORIGIN			
	2010	2015	2020	2023	2010	2015	2020	2023
World	84.8	86.9	90.1	92.5	34.2	35.3	37.1	38.9
Africa	66.0	66.6	66.0	65.2	15.4	15.9	15.6	15.1
Asia	99.6	100.5	104.5	105.4	59.1	61.0	64.2	65.1
Latin America and the Caribbean	81.7	85.6	90.5	94.7	27.7	29.8	32.4	35.5
Northern America and Europe	109.1	109.0	111.3	113.2	64.7	64.0	67.7	69.8
Oceania	104.5	102.9	104.3	104.9	67.4	67.3	66.0	63.8
Afghanistan	65.5	63.9	63.2	62.6	12.4	12.7	11.1	8.7
Albania	108.5	113.3	115.1	114.0	57.1	60.6	60.8	63.6
Algeria	90.1	93.8	92.8	93.6	26.6	29.4	26.6	27.8
Andorra								
Angola	48.2	53.9	46.6	47.5	16.2	18.9	13.2	14.3
Antigua and Barbuda	96.1	93.2	89.7	98.1	70.1	63.9	61.0	68.1
Argentina	102.8	110.7	117.6	121.5	62.4	71.1	74.5	75.6
Armenia	98.1	107.6	104.1	103.2	43.0	50.8	51.3	50.1
Australia	122.8	119.6	123.9	125.0	83.6	83.8	83.6	80.9
Austria	110.7	108.1	109.0	108.5	69.5	66.2	66.7	65.4
Azerbaijan	91.0	92.3	98.8	102.0	29.4	33.4	36.9	38.7
Bahamas	104.0	96.0	100.4	104.8	70.5	62.9	67.9	73.2
Bahrain			112.4	99.8			66.2	56.0
Bangladesh	55.3	59.5	65.3	68.0	10.1	12.0	13.4	18.4
Barbados	102.4	104.7	109.0	108.6	56.0	59.6	62.0	57.8
Belarus	103.8	100.9	117.3	128.0	58.8	56.2	72.5	85.7
Belgium	99.5	100.0	110.5	120.3	59.7	57.3	71.1	81.0
Belize	77.9	78.7	79.4	88.6	32.1	36.7	34.3	40.0
Benin	64.9	68.7	65.7	66.1	15.7	18.2	12.7	14.1
Bhutan			78.4	71.8			18.1	15.3
Bolivia (Plurinational State of)	71.1	79.6	80.4	80.8	36.4	42.8	41.6	44.0
Bosnia and Herzegovina	97.5	106.0	109.0	113.7	32.4	38.7	39.3	43.0
Botswana	69.2	66.6	69.8	73.0	23.1	20.2	22.1	26.6
Brazil	101.8	103.5	103.6	106.5	56.8	62.7	65.8	68.0
Brunei Darussalam								
Bulgaria	84.8	87.1	85.8	86.5	44.7	45.2	48.5	52.8
Burkina Faso	77.0	75.2	93.6	92.6	12.3	11.9	20.8	16.2
Burundi	35.2	33.8	37.5	38.2	2.5	2.7	2.8	2.7
Cabo Verde	75.4	79.1	87.0	82.7	30.1	31.4	33.3	33.6
Cambodia	62.1	60.0	61.2	64.4	19.0	19.5	20.5	21.9
Cameroon	74.6	75.5	72.8	71.3	14.1	14.3	13.0	14.0
Canada	110.5	106.6	115.8	112.9	63.2	63.6	68.9	70.7
Central African Republic	60.0	60.8	67.3	66.3	20.9	22.0	25.0	23.8
Chad	75.3	76.1	76.4	73.5	21.9	24.8	26.8	27.9
Chile	93.7	96.9	104.5	105.1	48.1	54.1	55.8	59.9
China	108.7	115.4	122.1	131.0	43.3	46.1	47.7	54.2
Colombia	66.6	77.1	81.0	83.2	36.6	42.8	44.6	46.5

TABLE 50.
AVERAGE PROTEIN SUPPLY BY ORIGIN (G PER CAPITA PER DAY) (CONTINUED)

COUNTRY	AVERAGE PROTEIN SUPPLY				AVERAGE SUPPLY OF PROTEIN OF ANIMAL ORIGIN			
	2010	2015	2020	2023	2010	2015	2020	2023
Comoros	60.6	62.3	66.8	63.0	18.1	18.2	20.9	19.6
Congo	41.6	48.7	51.2	58.9	15.5	22.6	26.9	34.8
Costa Rica	78.6	78.1	88.7	91.9	42.5	44.9	52.4	55.0
Côte d'Ivoire	57.9	62.9	64.4	65.0	11.9	14.4	16.0	16.6
Croatia	86.7	95.3	106.1	115.3	49.6	57.5	65.7	73.5
Cuba	88.3	91.7	88.2	68.5	34.9	37.4	41.0	30.1
Cyprus	103.6	96.5	97.8	98.7	56.0	48.9	52.5	57.3
Czechia	99.7	95.4	95.7	96.1	61.2	57.6	60.8	61.8
Democratic People's Republic of Korea	59.3	58.6			10.9	11.6		
Democratic Republic of the Congo	30.8	30.1	28.3	27.7	4.0	4.2	3.5	3.7
Denmark	112.3	123.0	127.6	126.3	70.0	84.7	90.1	86.8
Djibouti	65.8	76.3	72.8	74.9	12.4	16.7	14.5	15.2
Dominica	94.9	92.8	103.4	109.9	56.4	50.2	59.0	61.2
Dominican Republic	61.9	67.6	80.1	90.0	31.2	36.2	41.4	48.3
Ecuador	71.4	69.9	69.8	69.6	41.4	38.6	37.6	40.5
Egypt	94.0	92.2	91.9	89.8	24.9	26.5	28.1	26.4
El Salvador	73.3	79.1	85.5	88.9	28.7	32.7	34.6	37.0
Equatorial Guinea								
Eritrea								
Estonia	103.2	107.6	107.9	112.1	57.3	67.4	76.2	74.9
Eswatini	50.5	56.8	61.1	58.8	18.3	20.3	19.6	16.1
Ethiopia	73.0	79.8	80.8	79.9	8.6	6.7	7.7	6.9
Fiji	67.4	71.9	80.1	87.0	26.7	31.7	36.9	46.6
Finland	115.3	119.8	123.1	126.1	73.1	77.9	77.7	77.6
France	119.2	115.4	118.4	116.0	78.7	75.0	78.0	75.5
Gabon	86.0	95.9	87.3	84.8	43.3	51.9	43.7	41.3
Gambia	63.9	60.4	57.0	58.1	18.2	18.5	19.7	19.1
Georgia	80.7	84.2	89.7	90.3	32.6	35.7	39.1	42.9
Germany	110.2	110.8	110.6	109.2	70.1	70.6	73.6	73.6
Ghana	64.2	62.4	67.1	67.9	14.8	16.0	17.6	17.3
Greece	114.6	106.5	100.1	112.0	67.0	59.6	60.7	70.2
Grenada	81.8	81.5	98.8	98.4	43.5	48.0	61.1	59.3
Guatemala	65.0	69.6	71.6	74.4	24.0	26.1	30.4	34.0
Guinea	51.0	52.9	57.8	58.2	10.7	11.4	14.3	12.8
Guinea-Bissau	46.9	45.1	55.7	52.1	10.2	10.8	9.6	8.9
Guyana	84.2	101.1	104.2	114.2	37.3	47.1	49.0	60.1
Haiti	50.4	52.3	49.3	46.0	10.2	12.4	13.3	12.0
Honduras	58.1	58.5	61.1	63.0	22.5	22.5	23.5	25.6
Hungary	84.8	88.7	90.6	93.6	48.6	51.3	55.8	53.8
Iceland	133.7	148.2	150.9	151.7	97.4	111.0	107.1	106.5
India	60.4	63.1	70.0	74.6	11.5	13.4	17.8	20.0
Indonesia	68.1	75.5	76.8	77.8	16.8	20.7	27.3	30.0
Iran (Islamic Republic of)	84.5	85.0	82.2	79.6	26.6	26.3	26.5	24.8

TABLE 50.
AVERAGE PROTEIN SUPPLY BY ORIGIN (G PER CAPITA PER DAY) (CONTINUED)

COUNTRY	AVERAGE PROTEIN SUPPLY				AVERAGE SUPPLY OF PROTEIN OF ANIMAL ORIGIN			
	2010	2015	2020	2023	2010	2015	2020	2023
Iraq	66.5	66.3	71.8	74.5	14.4	16.9	17.0	16.4
Ireland	117.4	117.6	127.4	136.9	71.7	73.6	84.0	93.9
Israel	126.8	128.2	133.6	130.7	72.3	76.3	80.5	79.6
Italy	121.1	112.0	114.3	116.6	71.4	62.8	67.8	69.1
Jamaica	84.6	83.5	87.5	91.7	44.5	44.4	46.4	48.7
Japan	90.6	89.5	91.5	92.7	48.7	48.2	50.8	52.5
Jordan	75.6	75.7	71.9	71.1	29.0	27.4	27.6	28.5
Kazakhstan	83.4	87.2	98.3	106.7	45.5	46.6	52.2	52.9
Kenya	57.8	61.0	57.2	55.8	17.9	16.5	14.6	14.5
Kiribati	76.7	78.4	84.1	83.4	36.3	39.7	44.5	45.4
Kuwait	120.3	111.7	112.4	95.5	64.9	56.9	57.4	47.5
Kyrgyzstan	87.4	85.9	86.9	92.8	38.2	35.7	37.5	42.5
Lao People's Democratic Republic	70.0	81.5	79.6	81.7	16.1	20.2	24.1	25.4
Latvia	105.4	105.4	105.5	110.8	63.5	58.8	66.2	71.7
Lebanon	82.9	78.3	78.5	79.6	32.5	29.1	28.5	29.9
Lesotho	66.0	56.1	51.1	50.5	13.3	20.0	18.1	17.1
Liberia	37.9	41.8	45.3	45.0	7.9	13.0	12.1	11.2
Libya	85.2	91.3	87.5	86.5	32.0	39.1	39.0	40.9
Lithuania	114.3	122.4	127.0	123.8	67.1	72.2	85.1	83.4
Luxembourg	113.2	114.5	116.7	122.6	73.6	75.3	73.0	79.8
Madagascar	43.2	41.5	38.0	39.5	7.8	6.9	5.3	5.0
Malawi	60.1	62.3	65.6	65.7	6.3	11.9	16.6	16.0
Malaysia	90.4	92.2	89.3	93.3	51.2	56.0	51.7	54.7
Maldives	115.8	116.8	95.9	97.4	74.2	72.0	49.7	53.0
Mali	80.7	75.4	76.4	72.2	22.9	17.4	10.6	9.8
Malta	108.1	116.3	104.0	105.8	61.7	66.5	60.4	60.9
Marshall Islands			108.1	119.0			63.4	74.9
Mauritania	82.7	85.8	84.2	83.2	33.0	32.8	30.8	32.2
Mauritius	91.1	93.7	97.0	105.0	40.9	44.9	47.6	52.8
Mexico	92.1	93.7	97.3	100.3	50.1	51.1	54.0	57.6
Micronesia (Federated States of)			77.8	72.0			47.1	45.0
Mongolia	84.2	106.0	128.3	132.1	47.3	72.1	91.4	97.3
Montenegro	112.6	118.0	126.5	134.4	64.6	73.1	75.3	82.3
Morocco	95.6	101.8	99.2	98.1	26.3	30.3	29.3	28.8
Mozambique	46.1	41.7	46.7	44.7	6.0	8.6	9.0	8.7
Myanmar	87.4	98.0	81.2	78.4	36.5	47.4	23.3	23.1
Namibia	66.5	67.2	66.4	64.2	26.6	23.8	23.6	21.1
Nauru			109.1	111.1			71.1	67.3
Nepal	66.3	73.5	84.7	81.7	11.4	13.2	17.9	16.2
Netherlands (Kingdom of the)	110.1	110.8	111.4	117.1	75.3	76.9	73.0	81.5
New Zealand	96.8	100.8	98.0	100.9	56.2	57.7	56.2	53.4
Nicaragua	62.5	64.4	72.0	73.8	20.4	23.1	28.6	30.6
Niger	90.5	87.6	91.0	92.5	10.9	10.7	11.0	9.5

TABLE 50.
AVERAGE PROTEIN SUPPLY BY ORIGIN (G PER CAPITA PER DAY) (CONTINUED)

COUNTRY	AVERAGE PROTEIN SUPPLY				AVERAGE SUPPLY OF PROTEIN OF ANIMAL ORIGIN			
	2010	2015	2020	2023	2010	2015	2020	2023
Nigeria	62.1	60.0	58.5	57.0	9.4	8.4	7.2	6.6
North Macedonia	83.7	91.1	104.3	103.1	35.9	38.2	45.4	43.4
Norway	132.9	125.6	129.7	125.5	71.8	68.9	69.9	68.9
Oman	98.2	93.8	92.9	85.6	51.8	49.5	50.6	41.1
Pakistan	66.9	67.8	72.2	73.4	24.7	26.4	30.7	32.6
Palau								
Panama	78.4	83.9	95.8	93.5	42.5	47.0	54.2	52.4
Papua New Guinea	64.7	65.8	62.9	62.2	37.2	36.6	32.6	31.7
Paraguay	66.2	67.8	77.4	66.5	28.8	29.5	34.7	26.1
Peru	74.2	83.2	90.3	88.6	31.7	37.7	43.0	43.3
Philippines	67.1	68.4	76.0	77.5	29.2	28.7	28.8	28.6
Poland	112.6	110.3	119.2	117.7	62.3	63.2	72.4	72.5
Portugal	122.1	117.2	115.9	126.4	77.1	75.1	75.4	82.7
Qatar			113.4	105.1			57.4	49.7
Republic of Korea	101.7	103.5	106.4	110.7	49.1	56.6	60.3	63.3
Republic of Moldova	85.3	88.7	94.8	93.1	44.6	49.2	49.4	41.8
Romania	106.8	113.1	109.8	112.4	57.5	60.2	59.9	63.1
Russian Federation	109.5	112.2	113.7	117.8	61.1	61.8	65.4	70.3
Rwanda	60.2	56.4	55.4	57.1	7.2	8.4	7.5	6.4
Saint Kitts and Nevis	95.9	96.6	99.7	91.0	61.9	63.4	63.9	57.5
Saint Lucia	96.7	100.5	101.1	93.0	59.1	63.8	59.1	55.5
Saint Vincent and the Grenadines	102.3	107.4	110.5	114.0	59.5	60.5	64.2	69.3
Samoa	97.1	105.4	106.7	105.3	60.9	66.6	64.4	66.3
San Marino								
Sao Tome and Principe	57.4	55.0	60.3	54.4	19.0	18.5	20.6	21.3
Saudi Arabia	100.4	101.3	108.8	103.8	45.6	44.9	48.1	44.9
Senegal	63.0	60.9	66.9	71.7	18.2	15.6	15.1	16.5
Serbia	111.9	119.5	130.5	135.6	51.0	54.1	61.2	62.4
Seychelles	92.6	93.3	101.2	104.4	42.6	46.9	51.7	56.4
Sierra Leone	56.3	55.7	55.8	57.6	14.3	14.1	14.4	14.0
Singapore								
Slovakia	79.3	73.9	79.1	81.3	42.8	39.6	45.3	48.8
Slovenia	109.8	105.4	104.3	101.5	65.9	58.8	58.3	54.8
Solomon Islands	60.2	56.8	56.5	54.5	17.4	17.4	18.4	18.2
Somalia	43.7	43.8	43.0	40.4	23.9	22.4	18.6	16.9
South Africa	78.9	79.9	81.9	79.2	35.3	38.4	39.0	36.5
South Sudan			72.8	73.2			27.9	29.3
Spain	109.7	109.0	113.4	117.6	71.7	71.5	75.5	78.4
Sri Lanka	61.6	78.1	76.9	67.5	15.6	20.1	19.3	17.9
Sudan		73.4	69.7	60.3		22.1	19.8	17.9
Suriname	70.6	68.3	76.1	68.3	33.0	30.9	38.6	32.3
Sweden	113.9	112.3	112.4	112.8	76.4	75.6	73.3	72.8
Switzerland	98.6	100.5	103.5	101.4	65.6	67.0	66.5	63.5

TABLE 50.
AVERAGE PROTEIN SUPPLY BY ORIGIN (G PER CAPITA PER DAY) (CONTINUED)

COUNTRY	AVERAGE PROTEIN SUPPLY				AVERAGE SUPPLY OF PROTEIN OF ANIMAL ORIGIN			
	2010	2015	2020	2023	2010	2015	2020	2023
Syrian Arab Republic	79.4	76.2	76.5	70.6	20.5	22.5	21.2	18.1
Tajikistan	60.7	71.2	81.9	83.1	14.4	21.0	27.8	28.5
Thailand	64.3	67.3	68.3	68.6	25.6	27.5	27.6	27.2
Timor-Leste	61.3	62.4	59.9	65.4	19.4	21.1	19.6	23.7
Togo	51.8	52.7	52.3	59.5	9.3	11.0	8.7	9.4
Tonga			123.4	129.3			76.5	82.5
Trinidad and Tobago	91.6	96.0	89.7	87.4	48.7	49.2	44.2	44.0
Tunisia	97.7	101.8	103.6	105.1	28.5	31.9	32.2	34.1
Türkiye	102.2	107.6	113.0	119.7	32.1	37.9	45.8	48.5
Turkmenistan	96.5	102.3	102.4	104.7	45.4	51.3	54.2	55.0
Tuvalu			102.1	103.1			60.1	60.6
Uganda	61.4	55.5	53.7	56.4	14.3	13.2	14.9	14.8
Ukraine	93.2	91.1	90.6	90.5	46.9	42.0	47.0	45.8
United Arab Emirates	93.4	92.9	110.8	96.7	34.8	41.6	56.5	47.4
United Kingdom of Great Britain and Northern Ireland	105.9	110.0	111.2	110.0	62.5	64.7	64.7	65.1
United Republic of Tanzania	55.1	58.7	57.3	60.5	10.1	11.6	13.3	13.8
United States of America	119.1	117.6	124.4	123.1	80.4	79.5	84.3	82.9
Uruguay	94.7	93.4	99.1	104.5	54.0	52.3	58.1	63.0
Uzbekistan	89.7	103.7	105.4	111.4	32.5	41.6	46.3	55.0
Vanuatu	76.0	78.3	77.3	74.6	30.5	30.8	28.8	30.4
Venezuela (Bolivarian Republic of)	83.6	69.8	60.1	73.6	48.5	41.4	28.2	34.0
Viet Nam	79.7	86.0	93.4	102.2	30.5	31.9	36.8	43.2
Yemen	59.7	52.9	54.1	45.0	12.4	11.4	12.6	11.0
Zambia	47.0	53.2	45.6	48.3	12.5	14.3	13.4	13.3
Zimbabwe	61.2	56.3	63.8	69.1	30.5	27.8	28.7	31.3

Source: FAO. 2025. FAOSTAT: Food Balances (2010-). [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/FBS>.
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TABLE 51.
AVERAGE DIETARY SUPPLY ADEQUACY (PERCENT)

COUNTRY	2000–2002	2004–2006	2009–2011	2017–2019	2018–2020	2019–2021	2020–2022	2021–2023	2022–2024
World	115	115	118	123	123	124	124	125	125
Africa	108	110	113	113	114	114	114	113	113
Asia	110	109	114	121	121	122	123	123	124
Latin America and the Caribbean	120	123	126	127	128	129	130	130	131
Northern America and Europe	136	138	137	140	141	142	142	142	143
Oceania	117	121	127	126	126	126	126	126	127
Afghanistan	87	95	105	107	106	105	106	106	107
Albania	122	121	130	135	135	132	130	129	131
Algeria	127	131	139	148	150	152	152	151	150
Andorra									
Angola	73	89	113	114	113	112	112	112	113
Antigua and Barbuda									
Argentina	132	127	127	133	134	135	136	137	136
Armenia	92	107	127	131	132	133	133	133	132
Australia	124	131	141	140	140	140	140	140	141
Austria	146	144	149	149	149	149	150	150	150
Azerbaijan	99	116	122	131	135	137	138	138	138
Bahamas									
Bahrain									
Bangladesh	108	108	105	111	112	113	114	114	114
Barbados	112	117	124	125	127	128	129	129	128
Belarus	119	117	125	133	134	135	135	135	138
Belgium	146	145	147	150	151	152	153	153	153
Belize	121	123	123	121	122	122	122	120	117
Benin	112	120	120	120	121	123	123	122	121
Bhutan									
Bolivia (Plurinational State of)	96	95	100	106	106	106	105	104	104
Bosnia and Herzegovina	118	125	124	133	134	134	135	135	137
Botswana	95	97	103	109	109	110	111	111	109
Brazil	122	130	136	136	136	137	138	139	140
Brunei Darussalam									
Bulgaria	110	107	108	114	116	117	120	122	124
Burkina Faso	108	115	118	119	119	118	119	120	121
Burundi									
Cabo Verde	106	110	108	107	109	109	109	108	108
Cambodia	104	107	114	121	121	122	121	120	120
Cameroon	99	109	124	124	125	126	127	127	127
Canada	141	140	141	143	144	144	144	144	145
Central African Republic	93	94	101	103	102	101	99	98	98
Chad	94	99	109	107	105	103	101	99	98
Chile	122	123	120	123	124	126	126	126	126
China	116	117	124	135	136	137	139	140	140
Colombia	123	121	120	129	130	130	131	131	132

TABLE 51.
AVERAGE DIETARY SUPPLY ADEQUACY (PERCENT) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2017–2019	2018–2020	2019–2021	2020–2022	2021–2023	2022–2024
Comoros	99	107	108	111	111	110	109	108	109
Congo	100	98	89	96	97	97	98	98	98
Costa Rica	116	117	117	123	124	123	122	121	121
Côte d'Ivoire	117	120	120	127	128	129	130	130	130
Croatia	105	117	119	126	128	129	131	132	134
Cuba	127	135							
Cyprus	106	108	117	118	119	120	120	119	119
Czechia	123	128	129	131	132	133	134	134	135
Democratic People's Republic of Korea	90	91	86	84					
Democratic Republic of the Congo	106	106	105	102	101	100	99	99	98
Denmark	131	134	133	138	140	141	141	141	140
Djibouti	89	98	107	117	117	117	117	116	116
Dominica	124	120	123	120	120	121	121	124	127
Dominican Republic	101	99	110	126	128	130	132	135	137
Ecuador	100	103	113	110	109	110	110	111	112
Egypt	141	137	140	136	135	133	132	131	131
El Salvador	119	115	115	121	121	121	121	122	123
Equatorial Guinea									
Eritrea									
Estonia	116	120	127	125	127	128	129	129	129
Eswatini	113	110	97	107	108	109	110	109	109
Ethiopia	86	91	101	112	112	113	114	114	114
Fiji	124	122	115	117	119	120	122	123	124
Finland	123	125	125	130	131	131	131	131	132
France	148	145	143	141	141	142	143	143	144
Gabon	120	118	119	115	115	113	112	111	110
Gambia	108	106	118	110	108	107	107	107	108
Georgia	119	122	114	121	124	125	126	127	128
Germany	137	140	141	142	143	143	143	142	142
Ghana	113	120	130	129	132	134	135	136	136
Greece	138	138	140	135	135	135	135	135	135
Grenada									
Guatemala	103	109	115	119	120	122	124	125	126
Guinea	115	117	113	123	125	127	129	130	131
Guinea-Bissau	110	107	102	116	117	115	113	111	111
Guyana	123	119	114	134	135	136	138	141	145
Haiti	86	86	93	91	90	90	87	84	82
Honduras	106	110	116	115	115	115	115	115	114
Hungary	123	120	120	130	131	133	135	136	136
Iceland	127	133	131	142	142	143	143	143	141
India	104	100	104	109	109	109	110	112	113
Indonesia	106	107	115	127	126	125	125	125	126
Iran (Islamic Republic of)	129	124	118	120	121	121	121	120	120

TABLE 51.
AVERAGE DIETARY SUPPLY ADEQUACY (PERCENT) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2017–2019	2018–2020	2019–2021	2020–2022	2021–2023	2022–2024
Iraq	103	108	116	117	118	118	118	119	119
Ireland	150	142	145	158	157	156	156	156	155
Israel	159	159	156	163	163	166	168	168	168
Italy	146	145	146	142	144	146	146	146	147
Jamaica	114	114	112	116	115	115	115	116	117
Japan									
Jordan	116	124	117	113	111	109	109	109	108
Kazakhstan	116	122	129	138	140	140	141	142	143
Kenya	93	96	100	100	101	99	96	93	92
Kiribati	130	131	135	138	137	135	134	135	135
Kuwait	136	143	144	139	139	140	140	139	137
Kyrgyzstan	108	116	114	118	118	117	117	117	118
Lao People's Democratic Republic									
Latvia	115	125	127	132	133	133	134	135	136
Lebanon	118	118	128	123	123	122	123	124	125
Lesotho									
Liberia	98	97	98	97	96	95	95	96	97
Libya	131	131	129	125	125	125	124	123	121
Lithuania	128	129	129	134	134	135	137	137	136
Luxembourg	137	138	136	133	134	135	135	134	134
Madagascar	94	96	98	91	90	89	90	90	91
Malawi	106	107	120	119	119	119	120	119	118
Malaysia	124	122	121	121	121	121	122	122	123
Maldives									
Mali	112	118	130	128	127	127	127	126	125
Malta	137	137	137	133	131	130	129	129	128
Marshall Islands									
Mauritania	120	120	130	134	134	134	134	134	135
Mauritius	123	124	125	122	123	124	125	124	124
Mexico	140	139	135	136	137	137	138	139	139
Micronesia (Federated States of)									
Mongolia	95	96	104	121	126	129	132	133	134
Montenegro	107	117	135	140	141	142	143	143	142
Morocco	133	137	138	142	142	141	140	140	139
Mozambique	97	104	111	95	99	100	102	102	102
Myanmar	89	100	115	121	121	121	122	121	121
Namibia	106	103	97	110	111	112	112	112	112
Nauru									
Nepal	103	108	113	127	128	130	131	130	129
Netherlands (Kingdom of the)	128	126	125	130	133	135	136	136	136
New Zealand	127	127	129	127	127	126	126	127	129
Nicaragua	102	107	111	116	116	118	119	120	
Niger	105	112	118	123	124	122	123	122	123

TABLE 51.
AVERAGE DIETARY SUPPLY ADEQUACY (PERCENT) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2017–2019	2018–2020	2019–2021	2020–2022	2021–2023	2022–2024
Nigeria	121	120	118	115	114	114	114	113	111
North Macedonia	112	116	119	122	124	126	127	128	129
Norway	135	137	139	136	138	138	137	137	136
Oman	107	115	129	123	125	125	125	125	124
Pakistan	108	106	106	111	111	114	113	113	112
Palau									
Panama	100	109	118	130	131	131	131	131	132
Papua New Guinea	98	97	97	98	98	98	98	97	97
Paraguay	116	118	130	131	131	131	131	129	127
Peru	103	105	114	121	122	122	123	122	122
Philippines	109	109	109	121	123	124	126	128	131
Poland	133	131	133	138	139	141	143	143	144
Portugal	142	141	140	139	140	140	141	141	141
Qatar									
Republic of Korea	123	125	134	137	137	137	138	139	139
Republic of Moldova	98	96	106	122	123	122	121	121	121
Romania	132	137	135	146	146	147	146	146	147
Russian Federation	118	127	132	136	136	137	138	139	141
Rwanda	96	97	98	101	99	100	104	108	109
Saint Kitts and Nevis									
Saint Lucia									
Saint Vincent and the Grenadines	106	115	119	121	120	119	119	119	119
Samoa	123	126	126	130	131	131	132	133	136
San Marino									
Sao Tome and Principe	105	111	105	104	105	105	105	105	104
Saudi Arabia	132	133	138	150	153	153	152	150	150
Senegal	100	105	110	116	118	120	121	123	124
Serbia	111	118	130	139	142	145	147	148	148
Seychelles	129	126	120	127	128	130	131	132	134
Sierra Leone	85	93	108	105	104	104	105	107	109
Singapore									
Slovakia	109	110	111	115	117	118	118	117	118
Slovenia	122	123	127	128	126	125	124	124	124
Solomon Islands	112	113	112	110	109	107	105	105	107
Somalia	72	72	71	80	81	83	83	83	82
South Africa	122	124	121	119	117	115	114	113	113
South Sudan						106	107	107	106
Spain	132	127	128	134	135	135	134	134	134
Sri Lanka	102	104	107	117	123	125	123	118	114
Sudan				116	117	117	118		
Suriname	108	112	114	112	112	112	111	110	110
Sweden	123	122	125	126	127	129	130	130	130
Switzerland	134	134	134	132	133	134	134	134	135
Syrian Arab Republic	120	127	134	111	107	104	101	99	95

TABLE 51.
AVERAGE DIETARY SUPPLY ADEQUACY (PERCENT) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2017–2019	2018–2020	2019–2021	2020–2022	2021–2023	2022–2024
Tajikistan	87	89	99	118	120	122	122	122	121
Thailand	107	112	112	113	114	115	116	116	117
Timor-Leste	82	97	103	101	100	100	100	100	99
Togo	99	104	109	107	109	111	114	117	120
Tonga									
Trinidad and Tobago	114	113	119	121	121	120	120	119	121
Tunisia	136	136	140	147	149	150	149	147	146
Türkiye	111	115	128	131	131	132	132	133	134
Turkmenistan	116	121	121	125	125	125	124	123	122
Tuvalu									
Uganda	112	115	113	99	102	101	108	108	109
Ukraine	121	130	127	120	118	118	117	116	114
United Arab Emirates	130	123	116	124	125	126	127	127	129
United Kingdom of Great Britain and Northern Ireland	137	139	134	136	136	135	135	134	133
United Republic of Tanzania	98	101	106	111	111	111	112	113	114
United States of America	148	150	145	149	151	152	152	152	152
Uruguay	118	121	128	134	134	135	135	133	132
Uzbekistan	99	105	121	135	136	137	138	139	140
Vanuatu	121	123	129	131	130	129	129	130	132
Venezuela (Bolivarian Republic of)	105	109	125	95	95	101	108	114	117
Viet Nam	103	110	118	126	128	130	131	132	133
Yemen									
Zambia	84	86	90	101	101	100	98	98	96
Zimbabwe	95	98	99	98	98	100	102	104	105

Source: FAO. 2025. FAOSTAT: Suite of Food Security Indicators. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/FS>. Licence: CC-BY-4.0.

TABLE 52.
PREVALENCE OF STUNTING IN CHILDREN UNDER 5 YEARS (PERCENT)

COUNTRY	2000	2005	2010	2012	2015	2020	2022	2023	2024
World	33.1	31.2	27.9	26.4	24.6	22.4	22.6	22.9	23.2
Africa	40.8	39.1	35.6	34.0	32.2	29.9	29.9	30.1	30.3
Asia	37.0	34.5	30.3	28.4	25.9	22.7	22.8	23.1	23.3
Latin America and the Caribbean	18.0	15.8	13.6	12.8	12.3	11.9	12.1	12.2	12.4
Northern America and Europe	5.0	4.5	4.0	3.9	3.8	3.6	3.6	3.7	3.8
Oceania	31.5	36.8	40.3	40.6	40.9	40.2	40.7	41.0	41.5
Afghanistan	55.5	51.3	45.3	43.5	42.2	40.7	41.1	41.6	42.0
Albania	29.9	27.5	19.3	16.5	13.7	9.3	8.1	7.7	7.4
Algeria	22.4	18.0	13.4	12.0	10.8	9.2	8.9	8.9	8.9
Andorra									
Angola	47.5	35.9	30.8	31.4	34.8	42.0	45.2	46.5	47.7
Antigua and Barbuda									
Argentina	9.3	7.9	7.0	7.0	7.6	8.8	9.8	10.2	10.7
Armenia	17.1	20.1	16.6	14.2	11.4	7.5	6.7	6.4	6.2
Australia	0.9	1.9	3.2	3.4	3.5	3.0	3.0	3.0	3.1
Austria									
Azerbaijan	24.3	25.2	19.3	16.4	12.9	8.4	7.5	7.1	6.8
Bahamas									
Bahrain	10.8	8.8	7.0	6.5	5.9	4.8	4.7	4.6	4.6
Bangladesh	54.9	48.7	41.3	38.3	34.2	27.3	25.9	25.5	25.1
Barbados	8.1	8.1	7.8	7.5	7.0	5.9	5.8	5.8	5.8
Belarus	5.4	4.3	2.8	2.4	1.9	1.3	1.2	1.2	1.1
Belgium	4.0	3.7	3.0	2.8	2.7	2.5	2.6	2.6	2.6
Belize	23.8	22.9	19.2	17.5	15.4	12.4	11.9	11.7	11.7
Benin	34.8	35.6	34.9	34.2	33.8	32.7	32.8	32.8	33.2
Bhutan	44.8	40.1	32.4	29.1	24.9	19.3	18.4	18.0	17.9
Bolivia (Plurinational State of)	33.0	29.4	22.6	20.0	16.8	12.3	11.4	11.0	10.7
Bosnia and Herzegovina	12.5	11.1	9.9	9.2	8.7	8.2	8.1	8.0	7.9
Botswana	30.3	29.3	26.2	24.7	22.9	21.9	21.4	21.2	21.0
Brazil	9.9	7.4	6.7	6.6	6.9	8.0	8.5	8.7	8.9
Brunei Darussalam	21.1	21.1	18.4	17.1	15.0	11.1	10.3	10.1	9.9
Bulgaria	8.7	8.8	7.7	7.2	6.7	5.8	5.6	5.5	5.5
Burkina Faso	40.4	40.3	35.3	32.0	27.1	21.0	20.0	19.7	19.5
Burundi	63.0	60.6	56.8	55.4	54.2	53.4	54.4	54.9	55.3
Cabo Verde	15.9	12.1	9.5	8.4	7.2	5.7	5.4	5.4	5.3
Cambodia	50.6	44.9	37.6	34.0	29.1	23.4	22.5	22.2	22.0
Cameroon	37.4	37.0	33.7	32.3	30.7	27.5	27.1	27.2	27.2
Canada									
Central African Republic	43.2	43.2	40.8	39.6	39.7	38.1	38.3	38.7	38.9
Chad	42.2	41.7	38.9	37.4	35.5	32.0	31.5	31.4	31.5
Chile	2.9	2.3	1.9	1.8	1.8	1.6	1.7	1.7	1.7
China, mainland									
Colombia	17.4	15.8	13.2	12.7	12.3	11.2	11.3	11.4	11.6
Comoros	43.8	41.2	35.0	31.6	27.0	19.8	18.3	17.7	17.4

TABLE 52.
PREVALENCE OF STUNTING IN CHILDREN UNDER 5 YEARS (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2012	2015	2020	2022	2023	2024
Congo	33.6	30.9	25.4	23.1	20.9	17.6	16.8	16.5	16.3
Costa Rica	7.1	6.4	6.4	6.7	7.4	8.6	9.7	10.1	10.6
Côte d'Ivoire	32.4	32.3	30.1	28.7	26.5	21.7	20.7	20.5	20.3
Croatia									
Cuba	7.2	7.8	7.4	7.2	7.2	7.0	7.1	7.2	7.3
Cyprus									
Czechia	2.7	2.7	2.5	2.4	2.4	2.3	2.3	2.4	2.4
Democratic People's Republic of Korea	52.5	41.7	29.2	25.8	22.4	18.2	17.3	17.0	16.6
Democratic Republic of the Congo	46.0	45.7	43.6	42.9	42.5	42.5	43.3	43.7	44.1
Denmark									
Djibouti	31.8	32.2	29.4	27.8	25.9	21.8	21.1	21.0	20.9
Dominica									
Dominican Republic	10.1	8.9	8.4	8.0	7.5	6.3	5.9	5.7	5.6
Ecuador	27.2	28.4	26.9	24.3	21.5	18.8	18.1	17.8	17.7
Egypt	25.9	25.3	25.4	23.5	19.2	14.4	13.4	13.1	12.9
El Salvador	28.7	23.5	17.4	15.5	13.1	10.3	9.9	9.7	9.4
Equatorial Guinea	38.3	33.2	27.5	24.9	22.1	18.0	17.3	17.2	17.1
Eritrea	43.4	46.8	51.3	51.5	51.5	48.9	48.4	48.1	48.0
Estonia	2.1	1.6	1.4	1.3	1.3	1.2	1.3	1.3	1.3
Eswatini	35.7	34.0	30.2	27.9	25.1	20.6	19.6	19.3	18.9
Ethiopia	56.9	51.6	44.6	42.1	39.6	35.9	35.6	35.6	35.5
Fiji	6.0	6.5	7.3	7.0	6.7	6.3	6.7	7.0	7.2
Finland	2.2	2.0	1.7	1.6	1.6	1.6	1.7	1.7	1.7
France									
Gabon	25.5	23.4	19.0	17.2	16.0	14.1	13.9	13.8	13.7
Gambia	27.7	26.4	24.0	22.5	20.3	15.9	14.7	14.4	14.0
Georgia	16.2	14.4	10.4	8.9	7.4	5.3	4.9	4.8	4.7
Germany	1.1	1.3	1.5	1.5	1.7	1.9	2.1	2.1	2.2
Ghana	32.8	29.7	24.5	22.3	19.8	16.5	15.7	15.6	15.6
Greece	2.2	2.0	1.8	1.8	1.8	1.9	1.9	2.0	2.0
Grenada									
Guatemala	53.2	52.3	49.1	47.7	46.7	44.1	44.1	44.1	44.6
Guinea	33.1	35.2	34.8	33.6	31.9	27.6	26.8	26.7	26.6
Guinea-Bissau	33.4	31.0	28.7	28.0	27.8	27.4	27.9	28.1	28.3
Guyana	14.4	16.9	16.5	14.8	12.2	8.4	7.5	7.3	7.1
Haiti	30.4	27.1	24.1	23.1	22.3	21.1	21.3	21.3	21.6
Honduras	36.4	31.0	24.2	21.8	20.5	18.5	18.1	18.0	17.9
Hungary									
Iceland									
India	50.0	47.8	43.8	41.7	38.7	33.8	33.0	32.8	32.9
Indonesia	39.8	39.6	37.0	34.6	31.0	25.1	23.7	23.1	22.6
Iran (Islamic Republic of)	14.8	8.8	6.1	5.6	5.4	4.9	4.8	4.8	4.8
Iraq	28.0	26.9	22.6	19.8	16.3	11.2	10.0	9.7	9.4
Ireland	3.7	3.3	2.7	2.5	2.3	2.1	2.1	2.1	2.2

TABLE 52.
PREVALENCE OF STUNTING IN CHILDREN UNDER 5 YEARS (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2012	2015	2020	2022	2023	2024
Israel									
Italy									
Jamaica	7.2	6.4	6.1	6.1	6.4	6.4	6.6	6.8	6.9
Japan	5.7	6.7	6.8	6.6	6.2	5.2	5.1	5.1	5.2
Jordan	10.8	9.5	8.2	7.8	7.8	7.9	7.8	7.8	7.7
Kazakhstan	16.1	15.6	12.7	11.2	8.9	5.7	4.9	4.6	4.4
Kenya	38.6	37.3	31.9	29.0	25.4	20.0	18.7	18.2	17.9
Kiribati	20.5	18.8	17.1	16.3	15.8	14.8	14.7	14.7	14.7
Kuwait	3.7	4.3	4.9	4.9	5.0	4.5	4.5	4.5	4.5
Kyrgyzstan	28.3	23.0	17.6	15.9	13.7	11.4	11.2	11.2	11.0
Lao People's Democratic Republic	48.9	47.4	42.8	40.5	37.3	31.5	30.5	30.2	29.9
Latvia	3.3	2.8	2.3	2.1	2.0	1.7	1.7	1.7	1.7
Lebanon	18.8	15.9	13.7	11.4	9.9	9.6	9.8	10.0	10.1
Lesotho	42.1	41.8	39.1	37.5	35.3	33.4	34.1	34.4	35.0
Liberia	45.0	41.2	36.5	34.6	32.2	27.3	26.7	26.6	26.9
Libya	19.8	27.2	27.7	25.8	21.8	13.3	10.8	10.0	9.2
Lithuania	2.9	2.4	2.0	1.9	1.8	1.5	1.5	1.5	1.6
Luxembourg									
Madagascar	56.1	54.3	50.1	48.2	45.6	40.0	39.0	38.6	38.4
Malawi	56.1	53.6	46.8	43.5	39.2	34.1	33.3	33.2	33.2
Malaysia	19.3	18.3	17.8	18.1	19.5	21.6	23.0	23.7	24.3
Maldives	33.8	26.8	17.9	16.3	15.5	14.1	14.0	14.0	14.2
Mali	40.0	36.5	31.1	29.2	27.2	23.6	23.2	23.2	23.2
Malta	6.6	5.9	5.5	5.2	4.2	3.5	3.5	3.5	3.5
Marshall Islands	40.9	40.0	39.5	37.8	35.5	31.2	30.2	30.0	30.0
Mauritania	39.2	32.4	26.6	25.2	24.0	22.0	21.6	21.6	21.5
Mauritius	12.4	10.2	8.6	8.2	8.0	7.8	7.7	7.8	7.8
Mexico	20.3	17.0	14.1	13.2	12.7	12.6	12.9	12.9	13.1
Micronesia (Federated States of)									
Mongolia	29.7	23.0	14.9	12.3	10.0	7.9	7.4	7.2	7.1
Montenegro	7.4	8.3	8.6	8.5	8.3	8.0	8.0	8.0	8.0
Morocco	25.3	20.5	16.6	15.6	14.9	13.6	13.5	13.6	13.7
Mozambique	48.6	46.5	43.6	42.6	41.4	37.4	37.0	36.9	37.0
Myanmar	45.9	39.4	33.0	31.2	29.2	25.5	24.9	24.7	24.5
Namibia	29.7	29.2	26.1	24.0	21.3	17.4	16.8	16.6	16.4
Nauru	23.8	24.6	22.3	20.9	19.4	16.3	16.0	16.0	16.0
Nepal	55.9	50.2	42.8	39.7	35.7	28.5	26.9	26.3	26.0
Netherlands (Kingdom of the)	1.3	1.4	1.5	1.5	1.5	1.5	1.6	1.6	1.6
New Zealand									
Nicaragua									
Niger	52.1	49.8	46.0	45.0	44.7	45.1	46.5	47.4	48.3
Nigeria	41.8	40.6	38.0	36.9	35.8	33.5	33.5	33.6	33.8
North Macedonia	8.6	8.6	6.6	5.7	4.9	4.0	3.9	3.8	3.8
Norway									

TABLE 52.
PREVALENCE OF STUNTING IN CHILDREN UNDER 5 YEARS (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2012	2015	2020	2022	2023	2024
Oman	14.6	12.3	11.4	11.2	11.6	11.9	12.3	12.6	12.9
Pakistan	40.3	44.1	44.9	43.9	41.8	35.6	34.1	33.7	33.6
Palau									
Panama	18.3	20.7	21.2	20.2	18.4	14.5	14.0	13.9	14.0
Papua New Guinea	37.1	43.3	47.3	47.7	47.8	46.5	46.9	47.1	47.6
Paraguay	18.5	16.8	11.6	9.4	6.9	4.1	3.5	3.3	3.2
Peru	34.4	28.3	21.1	18.1	14.9	11.3	10.9	10.7	10.6
Philippines	34.5	34.0	32.7	31.9	30.8	28.1	27.7	27.9	27.7
Poland	3.5	2.9	2.2	1.9	1.5	1.2	1.1	1.1	1.0
Portugal	4.8	4.7	4.1	3.8	3.6	3.2	3.1	3.1	3.2
Qatar	9.4	7.9	6.5	6.3	6.3	5.5	5.4	5.4	5.4
Republic of Korea	2.5	2.3	2.0	1.9	1.8	1.7	1.8	1.8	1.8
Republic of Moldova	12.9	10.2	7.5	6.8	6.0	4.7	4.4	4.2	4.2
Romania	13.5	12.1	9.5	8.8	8.1	7.2	7.0	7.0	7.0
Russian Federation									
Rwanda	48.7	48.4	44.4	41.3	37.0	31.6	30.5	30.1	29.8
Saint Kitts and Nevis									
Saint Lucia	3.0	2.8	2.4	2.3	2.4	2.6	2.7	2.8	2.8
Saint Vincent and the Grenadines									
Samoa	6.0	4.9	4.8	5.0	5.6	7.1	7.9	8.2	8.4
San Marino									
Sao Tome and Principe	30.8	26.3	20.8	18.6	15.7	11.3	10.4	10.2	10.0
Saudi Arabia	11.0	11.8	12.7	12.5	12.3	11.3	11.2	11.2	11.1
Senegal	24.6	21.5	18.7	18.2	18.2	17.0	17.0	17.2	17.2
Serbia	8.8	8.2	6.5	5.9	5.6	4.9	4.6	4.6	4.6
Seychelles	10.5	9.2	8.2	7.8	7.4	6.4	6.3	6.2	6.2
Sierra Leone	38.7	38.1	35.1	33.3	30.9	26.5	25.4	25.1	25.2
Singapore	4.4	4.1	3.4	3.2	3.0	2.8	2.8	2.8	2.8
Slovakia									
Slovenia									
Solomon Islands	31.1	32.9	32.7	31.9	30.9	28.9	29.2	29.5	29.8
Somalia	33.6	33.4	30.8	29.4	27.7	24.5	24.0	23.9	23.9
South Africa	26.6	26.2	23.1	22.3	22.2	22.5	23.5	23.9	24.4
South Sudan	39.1	36.0	32.1	31.0	30.6	29.7	29.9	30.0	30.0
Spain									
Sri Lanka	19.8	19.2	17.2	15.9	14.0	11.1	10.5	10.2	10.1
Sudan	38.3	38.0	36.6	35.9	35.5	34.2	34.4	34.9	35.4
Suriname	13.6	11.1	8.9	8.3	8.2	8.0	8.0	8.0	8.0
Sweden									
Switzerland									
Syrian Arab Republic	28.3	29.6	27.2	26.5	27.4	25.1	24.2	23.8	23.5
Tajikistan	41.3	36.7	28.8	25.7	21.4	14.7	13.7	13.3	13.1
Thailand	16.1	16.2	15.2	14.1	13.0	12.2	12.2	12.3	12.3
Timor-Leste	55.0	56.8	54.7	52.7	50.0	45.8	45.4	45.2	45.4

TABLE 52.
PREVALENCE OF STUNTING IN CHILDREN UNDER 5 YEARS (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2012	2015	2020	2022	2023	2024
Togo	31.6	29.8	27.4	26.4	25.4	23.4	23.2	23.1	23.0
Tonga	13.7	11.2	8.3	7.1	5.0	2.4	1.9	1.7	1.6
Trinidad and Tobago	5.3	6.9	8.3	8.5	8.5	7.7	7.6	7.7	7.8
Tunisia	12.5	11.0	9.4	8.9	8.7	8.6	8.7	8.9	8.9
Türkiye	17.4	15.6	10.8	9.2	7.6	5.9	5.6	5.6	5.5
Turkmenistan	26.5	21.0	14.4	12.6	10.4	7.4	6.8	6.6	6.5
Tuvalu	12.6	10.6	8.6	7.9	7.1	5.7	5.4	5.4	5.3
Uganda	44.0	41.2	35.9	33.4	29.9	24.6	23.9	23.7	23.5
Ukraine	22.6	21.0	18.3	18.0	16.3	14.3	12.0	11.9	11.7
United Arab Emirates									
United Kingdom of Great Britain and Northern Ireland	3.6	3.3	2.9	2.8	2.9	3.1	3.3	3.4	3.5
United Republic of Tanzania	47.6	44.3	39.8	37.7	34.9	31.0	30.3	30.1	29.9
United States of America	3.1	2.6	2.5	2.5	2.8	3.4	3.8	4.0	4.2
Uruguay	16.3	13.3	9.7	9.0	8.1	6.5	6.5	6.5	6.5
Uzbekistan	29.0	21.5	15.4	13.2	10.7	7.7	7.1	6.9	6.7
Vanuatu	24.0	25.5	26.6	26.9	28.0	29.1	30.1	30.6	31.0
Venezuela (Bolivarian Republic of)	17.6	16.9	13.3	12.2	11.5	11.0	11.5	11.5	11.7
Viet Nam	41.1	33.4	27.4	25.5	23.5	20.3	19.9	19.7	19.2
Yemen	55.3	54.4	50.2	48.5	47.0	45.6	46.3	46.7	47.4
Zambia	52.1	49.7	43.6	40.8	37.7	32.0	31.8	32.0	32.3
Zimbabwe	33.1	34.2	32.9	31.0	27.3	23.5	23.5	23.5	23.7

Source: FAO. 2025. FAOSTAT: Suite of Food Security Indicators. [Accessed on 28 October 2025].

<https://www.fao.org/faostat/en/#data/FS>. Licence: CC-BY-4.0.

TABLE 53.
PREVALENCE OF OBESITY IN THE ADULT POPULATION (PERCENT)

COUNTRY	2000	2005	2010	2012	2015	2019	2020	2021	2022
World	8.7	10.1	11.5	12.1	13.1	14.5	14.9	15.3	15.8
Africa	8.7	10.5	12.2	12.8	13.7	15.1	15.4	15.8	16.2
Asia	3.5	4.5	5.9	6.5	7.5	9.1	9.5	10.0	10.4
Latin America and the Caribbean	15.4	18.1	21.1	22.4	24.5	27.5	28.3	29.1	29.9
Northern America and Europe	19.5	22.1	24.2	24.8	25.7	26.9	27.3	27.6	27.9
Oceania	19.8	22.6	24.7	25.4	26.5	28.2	28.6	29.0	29.5
Afghanistan	4.3	6.2	9.0	10.3	12.6	16.2	17.2	18.2	19.2
Albania	12.8	14.5	16.6	17.5	19.1	21.4	22.0	22.7	23.4
Algeria	13.4	15.6	17.8	18.8	20.2	22.3	22.8	23.3	23.8
Andorra	13.7	15.3	16.4	16.7	17.0	17.6	17.7	17.9	18.1
Angola	5.3	6.7	8.1	8.5	9.3	10.4	10.8	11.1	11.5
Antigua and Barbuda	18.8	22.3	25.5	26.8	28.7	31.2	31.9	32.6	33.3
Argentina	18.3	21.3	24.7	26.3	28.8	32.4	33.4	34.4	35.4
Armenia	15.3	17.3	19.5	20.3	21.6	23.2	23.7	24.1	24.5
Australia	19.5	22.6	25.0	25.7	27.0	28.8	29.3	29.8	30.2
Austria	12.0	13.3	14.0	14.2	14.4	14.9	15.0	15.2	15.4
Azerbaijan	15.6	17.9	20.4	21.4	23.0	25.0	25.5	26.0	26.5
Bahamas	28.7	33.7	38.1	39.8	42.1	45.1	45.8	46.5	47.3
Bahrain	24.4	27.8	30.6	31.7	33.1	34.9	35.3	35.7	36.1
Bangladesh	0.8	1.3	2.1	2.5	3.2	4.3	4.6	5.0	5.3
Barbados	22.1	25.8	29.4	30.9	33.0	35.8	36.6	37.3	38.0
Belarus	18.4	19.7	20.7	21.0	21.2	21.3	21.3	21.3	21.4
Belgium	14.7	16.2	17.5	17.8	18.4	19.2	19.5	19.8	20.0
Belize	25.6	29.8	33.7	35.2	37.3	40.1	40.8	41.6	42.3
Benin	4.5	6.2	7.7	8.1	8.8	10.0	10.4	10.8	11.2
Bhutan	3.4	4.7	6.3	7.1	8.4	10.4	11.0	11.6	12.2
Bolivia (Plurinational State of)	13.0	15.8	19.1	20.5	22.8	26.0	26.9	27.8	28.7
Bosnia and Herzegovina	13.8	15.2	16.7	17.3	18.3	19.9	20.3	20.7	21.2
Botswana	10.0	12.2	14.1	14.7	15.7	17.1	17.5	17.9	18.3
Brazil	12.3	14.7	17.6	19.1	21.6	25.2	26.2	27.2	28.1
Brunei Darussalam	13.6	17.5	21.7	23.3	25.7	29.1	30.0	30.8	31.7
Bulgaria	13.8	15.4	17.1	17.6	18.5	19.7	20.0	20.3	20.6
Burkina Faso	1.4	2.3	3.3	3.7	4.4	5.6	6.0	6.3	6.7
Burundi	1.6	2.1	2.7	3.0	3.4	4.2	4.5	4.7	5.0
Cabo Verde	6.7	8.8	10.6	11.3	12.4	14.2	14.7	15.2	15.8
Cambodia	1.0	1.4	2.0	2.2	2.7	3.6	3.8	4.1	4.4
Cameroon	6.8	9.2	11.2	11.8	12.5	13.8	14.1	14.5	14.9
Canada	20.2	22.7	24.3	24.7	25.1	25.7	25.9	26.0	26.2
Central African Republic	3.0	4.2	5.4	5.9	6.7	8.1	8.4	8.9	9.3
Chad	2.2	3.2	4.2	4.5	5.0	5.8	6.1	6.4	6.7
Chile	20.6	24.2	28.0	29.6	32.2	36.0	37.0	37.9	38.9
China	2.2	2.9	4.0	4.5	5.4	6.9	7.3	7.8	8.3
Colombia	11.8	14.3	17.0	18.2	19.9	22.0	22.5	23.1	23.6
Comoros	5.7	7.7	9.8	10.7	12.2	14.4	15.0	15.6	16.3

TABLE 53.
PREVALENCE OF OBESITY IN THE ADULT POPULATION (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2012	2015	2019	2020	2021	2022
Congo	5.1	6.3	7.1	7.4	7.7	8.1	8.2	8.4	8.5
Costa Rica	17.3	20.4	23.6	24.9	26.8	29.4	30.0	30.7	31.4
Côte d'Ivoire	4.5	6.2	7.7	8.2	9.0	10.4	10.8	11.2	11.6
Croatia	15.3	18.2	21.6	23.0	25.1	28.2	29.0	29.8	30.6
Cuba	10.7	12.9	15.3	16.3	17.8	20.0	20.6	21.2	21.8
Cyprus	18.1	20.0	21.3	21.6	21.9	22.4	22.6	22.8	22.9
Czechia	19.2	19.9	21.2	21.8	22.9	24.6	25.1	25.5	26.0
Democratic People's Republic of Korea	3.5	4.6	6.0	6.7	7.7	9.4	9.8	10.3	10.8
Democratic Republic of the Congo	2.3	3.2	4.0	4.4	4.9	5.8	6.1	6.3	6.6
Denmark	10.6	11.8	12.5	12.5	12.7	13.0	13.1	13.2	13.3
Djibouti	3.8	5.1	6.5	7.1	8.2	9.8	10.3	10.8	11.3
Dominica	17.3	20.3	23.3	24.5	26.5	29.2	29.9	30.6	31.3
Dominican Republic	14.2	17.6	21.0	22.3	24.3	27.1	27.8	28.6	29.3
Ecuador	13.6	16.0	18.8	20.1	22.1	25.0	25.8	26.6	27.4
Egypt	27.8	32.1	35.9	37.4	39.6	42.4	43.0	43.6	44.3
El Salvador	18.1	21.1	24.1	25.3	27.0	29.2	29.8	30.3	30.9
Equatorial Guinea	9.2	11.5	13.3	13.9	14.8	16.3	16.7	17.2	17.7
Eritrea	1.3	1.8	2.4	2.7	3.2	4.0	4.3	4.5	4.8
Estonia	16.7	19.0	20.5	20.9	21.3	21.8	21.9	22.0	22.2
Eswatini	15.5	18.8	22.0	23.2	25.0	27.7	28.5	29.3	30.1
Ethiopia	0.7	0.9	1.3	1.5	1.8	2.3	2.5	2.6	2.8
Fiji	22.2	24.4	27.0	28.0	29.6	32.0	32.6	33.2	33.8
Finland	16.3	17.8	19.0	19.3	19.9	20.8	21.0	21.2	21.5
France	11.8	12.3	12.1	11.7	11.1	10.3	10.1	9.9	9.7
Gabon	9.6	12.2	14.7	15.5	16.9	19.1	19.7	20.4	21.0
Gambia	3.9	6.1	8.5	9.4	10.8	13.0	13.6	14.3	14.9
Georgia	18.7	22.0	25.7	27.2	29.5	32.5	33.2	33.9	34.7
Germany	17.8	19.6	20.4	20.5	20.4	20.4	20.4	20.4	20.4
Ghana	6.1	8.2	9.8	10.2	10.9	12.0	12.3	12.6	12.9
Greece	18.9	21.6	23.9	24.6	25.6	26.9	27.2	27.6	28.0
Grenada	16.7	19.8	22.7	23.9	25.7	28.3	28.9	29.6	30.3
Guatemala	12.6	15.6	18.7	20.0	22.0	24.7	25.4	26.1	26.8
Guinea	2.7	4.0	5.4	5.9	6.8	8.2	8.6	9.1	9.5
Guinea-Bissau	4.1	5.8	7.3	7.9	8.7	10.2	10.6	11.0	11.5
Guyana	14.2	17.1	20.1	21.4	23.4	26.2	27.0	27.7	28.5
Haiti	5.5	6.7	7.9	8.3	8.9	9.9	10.1	10.4	10.7
Honduras	14.6	17.9	21.3	22.7	24.7	27.4	28.1	28.8	29.5
Hungary	18.0	21.0	24.0	25.2	27.0	29.6	30.3	31.0	31.7
Iceland	14.4	16.6	18.3	18.7	19.4	20.4	20.7	20.9	21.2
India	1.8	2.6	3.7	4.1	4.9	6.2	6.5	6.9	7.3
Indonesia	2.6	3.6	5.2	5.9	7.3	9.4	10.0	10.6	11.2
Iran (Islamic Republic of)	14.8	17.2	19.2	19.9	21.3	23.1	23.5	23.9	24.3
Iraq	26.1	29.7	33.1	34.4	36.3	38.8	39.3	39.9	40.5
Ireland	19.2	22.2	24.4	25.0	26.0	27.3	27.6	28.0	28.3

TABLE 53.
PREVALENCE OF OBESITY IN THE ADULT POPULATION (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2012	2015	2019	2020	2021	2022
Israel	18.6	20.7	21.8	21.9	22.0	22.2	22.3	22.4	22.5
Italy	13.6	14.8	15.8	16.1	16.4	16.9	17.0	17.1	17.3
Jamaica	17.0	21.0	24.9	26.4	28.5	31.5	32.3	33.0	33.8
Japan	2.6	3.1	3.7	3.9	4.3	4.9	5.1	5.3	5.5
Jordan	30.0	33.2	35.6	36.3	37.2	38.0	38.2	38.3	38.5
Kazakhstan	13.8	14.7	15.7	16.1	16.7	17.6	17.9	18.1	18.4
Kenya	4.2	5.7	7.4	8.1	9.2	10.9	11.4	11.9	12.4
Kiribati	38.3	40.7	42.5	43.2	44.1	45.3	45.7	46.0	46.3
Kuwait	35.5	38.5	40.3	40.7	40.9	41.1	41.2	41.3	41.4
Kyrgyzstan	12.7	15.5	18.7	20.1	22.1	24.7	25.3	26.0	26.6
Lao People's Democratic Republic	2.4	3.2	4.2	4.7	5.5	6.9	7.2	7.6	8.0
Latvia	17.5	19.4	21.1	21.7	22.5	23.5	23.7	24.0	24.3
Lebanon	20.1	23.0	25.4	26.2	27.4	28.7	29.1	29.4	29.8
Lesotho	10.8	12.9	15.1	15.9	17.2	19.2	19.8	20.4	21.0
Liberia	4.9	7.1	9.4	10.3	11.8	14.4	15.2	16.1	17.0
Libya	24.3	28.1	30.9	32.0	33.5	35.4	35.8	36.3	36.7
Lithuania	20.1	21.3	22.5	23.0	23.7	24.6	24.8	25.1	25.4
Luxembourg	16.0	17.5	18.2	18.2	18.2	18.3	18.3	18.4	18.4
Madagascar	1.1	1.5	2.1	2.3	2.8	3.5	3.7	4.0	4.3
Malawi	2.1	3.0	4.0	4.5	5.3	6.6	6.9	7.3	7.7
Malaysia	9.3	12.1	14.9	16.0	17.7	20.1	20.8	21.4	22.1
Maldives	6.2	8.2	10.3	11.2	12.7	15.2	15.9	16.6	17.3
Mali	3.6	5.4	7.1	7.6	8.5	10.0	10.4	10.9	11.4
Malta	26.3	28.4	29.9	30.3	30.8	31.6	31.8	32.0	32.3
Marshall Islands	37.7	39.4	41.3	42.0	43.1	44.6	45.1	45.5	45.9
Mauritania	9.1	12.3	15.2	16.2	17.9	20.5	21.2	21.9	22.7
Mauritius	12.7	14.6	16.0	16.5	17.1	18.2	18.5	18.9	19.2
Mexico	21.6	24.8	28.0	29.3	31.4	34.0	34.7	35.3	36.0
Micronesia (Federated States of)	37.6	39.4	41.5	42.4	43.7	45.6	46.1	46.6	47.1
Mongolia	10.7	13.2	16.3	17.6	19.6	22.2	22.8	23.4	24.1
Montenegro	11.4	12.8	14.2	14.8	15.6	16.9	17.3	17.6	18.0
Morocco	11.3	13.5	15.7	16.7	18.2	20.2	20.7	21.3	21.8
Mozambique	3.0	4.2	5.5	6.1	7.1	8.8	9.2	9.7	10.3
Myanmar	3.2	4.0	4.9	5.2	5.8	6.7	6.9	7.2	7.4
Namibia	9.8	11.9	13.5	14.0	14.8	15.9	16.3	16.6	17.0
Nauru	66.1	66.1	66.9	67.4	68.1	69.2	69.4	69.6	69.9
Nepal	1.2	1.9	2.9	3.4	4.3	5.7	6.1	6.6	7.0
Netherlands (Kingdom of the)	11.3	12.8	13.7	13.8	13.9	14.2	14.3	14.4	14.5
New Zealand	21.4	25.3	28.4	29.3	30.6	32.3	32.7	33.2	33.6
Nicaragua									
Niger	2.0	2.8	3.7	3.9	4.4	5.2	5.4	5.7	6.0
Nigeria	4.7	6.5	8.1	8.7	9.5	11.0	11.4	11.9	12.4
North Macedonia	17.0	19.1	21.3	22.2	23.6	25.8	26.3	26.9	27.5
Norway	11.9	14.2	16.0	16.5	17.2	18.3	18.6	18.8	19.1

TABLE 53.
PREVALENCE OF OBESITY IN THE ADULT POPULATION (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2012	2015	2019	2020	2021	2022
Oman	18.2	21.3	24.1	24.9	26.5	29.0	29.8	30.5	31.1
Pakistan	5.8	8.1	11.2	12.7	15.4	19.6	20.7	21.8	23.0
Palau	36.6	37.8	38.8	39.2	39.7	40.4	40.7	40.9	41.1
Panama	17.2	20.9	24.9	26.7	29.5	33.2	34.1	35.1	36.1
Papua New Guinea	13.9	15.0	16.3	16.8	17.7	19.2	19.6	20.1	20.5
Paraguay	17.3	20.2	23.4	24.8	27.1	30.4	31.2	32.1	33.0
Peru	12.1	14.2	17.0	18.5	20.8	24.4	25.3	26.3	27.3
Philippines	3.3	4.2	5.3	5.7	6.5	7.7	8.0	8.4	8.7
Poland	16.6	18.9	21.3	22.2	23.7	25.8	26.3	26.9	27.5
Portugal	14.6	16.5	18.1	18.7	19.5	20.7	21.1	21.4	21.8
Qatar	26.0	30.4	34.4	36.1	38.3	41.3	42.0	42.6	43.1
Republic of Korea	2.3	2.9	3.7	4.1	4.8	6.1	6.5	6.9	7.3
Republic of Moldova	20.3	21.8	22.7	22.9	23.0	23.0	23.0	23.0	23.0
Romania	11.6	15.1	19.8	21.9	25.3	30.2	31.5	32.7	34.0
Russian Federation	18.6	20.3	21.8	22.3	22.9	23.6	23.8	24.0	24.2
Rwanda	1.0	1.5	2.1	2.4	3.0	4.0	4.3	4.6	4.9
Saint Kitts and Nevis	28.6	33.3	37.3	38.7	40.8	43.6	44.3	45.0	45.6
Saint Lucia	17.2	21.0	24.6	26.1	28.2	31.1	31.9	32.7	33.5
Saint Vincent and the Grenadines	18.7	22.1	25.3	26.6	28.5	31.1	31.8	32.5	33.2
Samoa	46.6	50.5	54.3	55.7	57.7	60.4	61.1	61.8	62.4
San Marino									
Sao Tome and Principe	6.6	9.0	11.1	11.8	12.9	14.8	15.3	15.9	16.5
Saudi Arabia	26.6	30.5	33.8	35.0	36.8	39.1	39.6	40.1	40.6
Senegal	4.5	6.1	7.3	7.6	8.2	9.3	9.6	9.9	10.2
Serbia	14.4	15.9	17.5	18.2	19.3	21.0	21.5	22.0	22.5
Seychelles	19.1	22.1	24.4	25.1	26.2	27.9	28.3	28.8	29.4
Sierra Leone	3.6	4.9	5.7	5.8	6.1	6.6	6.8	6.9	7.1
Singapore	4.7	5.7	7.3	8.1	9.5	11.8	12.4	13.1	13.9
Slovakia	15.3	17.3	19.7	20.8	22.4	24.9	25.5	26.2	26.8
Slovenia	14.1	15.2	16.0	16.3	16.8	18.1	18.5	19.0	19.4
Solomon Islands	15.6	17.0	18.5	19.1	20.0	21.4	21.8	22.2	22.6
Somalia	5.3	6.9	8.8	9.6	10.9	12.9	13.4	14.0	14.6
South Africa	22.8	25.9	28.1	28.6	29.2	30.1	30.3	30.6	30.8
South Sudan	2.9	3.8	4.8	5.3	6.1	7.4	7.8	8.2	8.6
Spain	18.2	19.5	19.4	18.9	17.9	16.5	16.2	15.9	15.7
Sri Lanka	2.4	3.5	5.0	5.7	6.9	8.9	9.4	10.0	10.6
Sudan	6.7	8.7	10.7	11.5	12.8	15.0	15.7	16.3	17.0
Suriname	15.7	18.7	21.6	22.8	24.6	27.0	27.7	28.3	29.0
Sweden	12.1	13.7	14.5	14.6	14.7	15.0	15.1	15.2	15.3
Switzerland	10.7	11.5	11.8	11.8	11.8	11.9	12.0	12.0	12.1
Syrian Arab Republic	22.7	25.7	28.2	29.2	30.8	32.7	33.1	33.5	33.9
Tajikistan	10.5	12.9	15.8	17.1	19.1	21.8	22.4	23.1	23.8
Thailand	5.7	7.2	9.1	10.0	11.4	13.5	14.1	14.8	15.4
Timor-Leste	0.5	0.7	1.0	1.1	1.4	1.9	2.0	2.2	2.4

TABLE 53.
PREVALENCE OF OBESITY IN THE ADULT POPULATION (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2012	2015	2019	2020	2021	2022
Togo	3.3	4.9	6.5	7.1	8.2	9.9	10.5	11.0	11.6
Tonga	53.8	57.1	61.0	62.8	65.5	69.1	69.9	70.8	71.7
Trinidad and Tobago	20.0	22.3	24.1	24.7	25.6	26.9	27.3	27.7	28.1
Tunisia	16.3	18.8	21.1	22.0	23.5	25.4	25.9	26.3	26.8
Türkiye	24.1	26.8	28.8	29.6	30.8	32.3	32.6	33.0	33.3
Turkmenistan	11.7	13.9	16.3	17.2	18.5	20.2	20.6	21.0	21.4
Tuvalu	52.9	55.4	57.9	58.9	60.4	62.6	63.1	63.6	64.2
Uganda	2.0	2.7	3.7	4.2	5.0	6.5	6.9	7.4	7.9
Ukraine	18.4	20.0	21.4	21.8	22.3	23.0	23.2	23.4	23.6
United Arab Emirates	25.4	28.2	32.4	31.9	31.9	32.0	32.0	32.0	32.1
United Kingdom of Great Britain and Northern Ireland	19.1	22.3	24.3	24.8	25.4	26.2	26.4	26.6	26.8
United Republic of Tanzania	3.7	5.1	6.7	7.5	8.7	10.8	11.4	12.0	12.6
United States of America	27.5	32.2	35.8	36.9	38.4	40.5	41.0	41.5	42.0
Uruguay	17.6	20.4	23.6	25.0	27.3	30.7	31.5	32.4	33.3
Uzbekistan	11.9	15.2	19.3	21.0	23.8	27.4	28.2	29.1	30.0
Vanuatu	16.1	17.1	18.1	18.5	19.1	20.3	20.6	20.9	21.3
Venezuela (Bolivarian Republic of)	19.0	21.1	22.4	22.7	22.9	22.8	22.8	22.8	22.7
Viet Nam	0.3	0.4	0.7	0.8	1.1	1.6	1.7	1.9	2.0
Yemen	5.4	6.8	8.4	9.2	10.4	12.2	12.7	13.1	13.7
Zambia	3.7	4.9	6.2	6.8	7.9	9.6	10.0	10.5	11.1
Zimbabwe	6.8	8.0	9.4	10.1	11.1	12.8	13.2	13.7	14.2

Source: FAO. 2025. FAOSTAT: Suite of Food Security Indicators. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/FS>. Licence: CC-BY-4.0.

CHAPTER 4: SUSTAINABILITY AND ENVIRONMENTAL ASPECTS OF AGRICULTURE

TABLE 54.
LAND AREA BY TYPE (THOUSAND HA)

COUNTRY	FOREST LAND			AGRICULTURAL LAND			OTHER LAND		
	2000	2010	2023	2000	2010	2023	2000	2010	2023
World	4 158 049.5	4 106 316.9	4 043 946.2	4 873 348.2	4 793 920.0	4 799 308.6	3 959 751.5	4 082 342.2	4 148 716.7
Africa	710 048.8	676 015.4	624 673.0	1 088 649.0	1 131 688.0	1 175 390.9	1 166 124.6	1 171 974.1	1 193 198.3
Americas	1 674 994.0	1 624 344.3	1 589 455.9	1 152 484.4	1 150 067.4	1 139 193.6	1 027 713.0	1 079 397.3	1 106 007.8
Asia	587 410.0	610 959.9	626 475.9	1 677 611.7	1 654 384.4	1 652 821.4	844 493.2	844 997.2	827 473.8
Europe	1 002 268.2	1 013 982.4	1 018 119.9	484 630.4	467 738.4	456 551.0	726 085.9	730 602.6	733 140.0
Oceania	183 328.4	181 015.0	185 221.5	469 972.6	390 041.8	375 351.7	195 334.8	255 371.0	288 896.8
Afghanistan	1 208.4	1 208.4	1 208.4	37 794.0	37 917.0	38 116.0	26 220.6	26 097.6	25 701.6
Albania	769.3	782.1	788.9	1 144.0	1 201.3	1 044.6	826.7	756.6	904.5
Algeria	1 579.0	1 918.0	1 977.6	40 021.0	41 374.0	41 344.7	196 574.0	194 882.0	194 851.7
Andorra	16.0	16.0	16.0	23.0	19.8	18.7	8.0	11.2	12.3
Angola	77 708.6	72 158.0	64 942.2	44 523.0	44 850.0	46 063.0	2 438.4	7 662.0	13 664.8
Antigua and Barbuda	9.5	8.8	7.9	9.0	9.0	9.0	25.6	26.2	27.1
Argentina	33 378.0	30 214.0	28 246.2	128 510.0	126 267.9	116 136.3	111 781.0	117 187.1	129 286.5
Armenia	332.6	330.6	327.6	1 323.0	1 735.0	1 652.3	1 191.4	781.4	379.6
Australia	131 814.1	129 546.1	134 005.1	455 469.0	376 372.0	363 243.7	180 946.9	240 103.9	271 820.2
Austria	3 838.1	3 863.2	3 898.3	2 940.2	2 779.2	2 597.3	1 473.7	1 609.6	1 725.5
Azerbaijan	987.2	1 032.5	1 166.4	4 740.4	4 766.8	4 779.6	2 532.9	2 466.3	2 319.0
Bahamas	509.9	509.9	509.9	11.0	12.0	13.0	480.1	479.1	478.1
Bahrain	0.4	0.5	0.8	9.9	8.9	8.1	60.7	66.8	70.0
Bangladesh	1 920.3	1 888.3	1 883.4	9 400.0	9 241.0	9 399.0	1 696.7	1 887.7	1 715.6
Barbados	6.3	6.3	6.3	18.0	15.0	10.0	18.7	21.7	26.7
Belarus	8 273.0	8 630.0	8 811.1	9 252.0	8 898.0	8 034.0	2 759.8	2 762.2	3 450.9
Belgium	667.3	689.9	689.3	1 389.6	1 355.7	1 353.3	976.4	987.7	1 006.8
Belize	1 459.3	1 391.4	1 243.6	149.0	157.0	182.0	672.7	732.6	855.4
Benin	4 135.2	3 635.2	2 985.2	3 191.9	3 487.1	4 716.8	3 949.0	4 153.7	3 574.1
Bhutan	2 606.0	2 705.3	2 731.0	578.0	520.0	527.0	796.0	586.4	556.0
Bolivia (Plurinational State of)	55 101.4	53 086.0	50 206.3	37 143.0	37 668.9	38 815.4	16 085.6	17 575.1	19 308.3
Bosnia and Herzegovina	2 111.7	2 102.7	2 187.9	2 130.0	2 144.0	1 113.0	878.4	873.3	1 819.1
Botswana	17 620.7	16 437.7	14 899.8	25 951.0	25 861.0	25 862.0	13 101.3	14 374.3	15 911.2
Brazil	551 088.6	511 580.7	492 978.8	228 323.5	231 834.2	236 758.8	56 401.9	92 399.1	106 076.4
Brunei Darussalam	397.0	380.0	380.0	12.0	13.4	13.4	118.0	133.6	133.6
Bulgaria	3 375.0	3 737.0	3 932.0	5 582.0	5 052.0	5 003.0	2 106.0	2 067.0	1 921.0
Burkina Faso	7 216.5	6 716.5	6 066.4	11 211.1	12 591.4	14 610.8	8 932.4	8 052.1	6 682.8
Burundi	193.9	193.9	279.6	1 867.0	1 833.0	2 154.2	507.1	541.1	134.2
Cabo Verde	39.7	42.7	46.6	72.0	78.0	79.0	291.3	282.3	277.4
Cambodia	10 781.0	10 589.2	7 601.3	4 770.0	5 381.4	6 154.3	2 101.0	1 681.4	3 896.4
Cameroon	21 597.5	20 900.5	20 172.5	9 160.0	9 700.0	9 896.9	16 513.5	16 670.5	17 201.6
Canada	347 802.0	347 322.2	346 817.1	61 287.0	58 280.0	56 875.0	487 470.0	490 956.8	473 738.9
Central African Republic	22 903.0	22 603.0	22 213.0	4 971.4	4 919.6	5 668.8	34 423.6	34 775.4	34 416.2
Chad	6 353.0	5 530.0	3 980.4	48 630.0	49 235.0	50 337.3	70 937.0	71 155.0	71 602.3

TABLE 54.
LAND AREA BY TYPE (THOUSAND HA) (CONTINUED)

COUNTRY	FOREST LAND			AGRICULTURAL LAND			OTHER LAND		
	2000	2010	2023	2000	2010	2023	2000	2010	2023
Chile	15 817.1	16 725.3	18 579.4	15 110.0	14 718.4	10 697.5	43 426.1	42 933.5	45 006.2
China	177 000.6	200 610.4	225 616.9	523 731.0	528 280.8	521 196.0	241 738.5	213 578.9	192 791.1
Colombia	62 735.5	60 807.8	58 544.1	44 859.0	42 503.0	40 483.0	3 355.5	7 639.2	11 922.9
Comoros	41.7	37.3	31.6	128.0	133.0	133.0	16.4	15.8	21.5
Congo	22 195.0	22 075.0	21 901.0	10 539.9	10 575.4	10 651.4	1 415.1	1 499.6	1 597.6
Costa Rica	2 857.2	2 871.2	3 084.0	1 840.0	1 819.0	1 692.3	408.8	415.8	329.7
Côte d'Ivoire	5 094.5	3 965.6	2 498.1	19 755.6	20 904.0	27 499.3	6 949.9	6 930.4	1 802.6
Croatia	1 885.0	1 920.0	1 946.6	1 169.0	1 333.8	1 486.0	2 537.2	2 342.6	2 134.4
Cuba	2 435.0	2 932.0	3 242.0	6 554.0	6 461.2	6 401.0	1 751.0	1 250.8	737.0
Cyprus	171.6	172.8	172.5	141.5	114.5	129.0	610.9	636.7	619.7
Czechia	2 637.3	2 657.4	2 682.5	4 280.0	3 523.9	3 534.4	809.7	1 541.7	1 232.0
Democratic People's Republic of Korea	6 454.7	6 242.4	5 966.4	2 529.2	2 673.3	2 595.3	3 057.1	3 125.3	3 479.3
Democratic Republic of the Congo	143 899.0	137 169.0	122 851.1	25 600.0	28 429.0	35 095.7	57 206.0	61 107.0	68 758.2
Denmark	571.6	586.5	631.3	2 647.0	2 626.0	2 621.0	781.4	787.5	747.7
Djibouti	5.6	5.6	6.0	1 601.6	1 702.3	1 703.9	710.8	610.1	608.1
Dominica	47.9	47.9	47.9	21.0	25.0	25.0	6.1	2.1	2.1
Dominican Republic	1 972.5	2 073.1	2 168.4	2 515.0	2 297.8	2 667.9	343.5	460.1	0.0
Ecuador	13 730.5	13 028.2	12 305.0	8 066.0	7 497.7	5 350.0	3 039.5	4 310.1	7 181.0
Egypt	59.2	65.6	45.0	3 291.0	3 671.0	4 058.0	96 194.8	95 808.4	95 442.0
El Salvador	673.9	628.9	570.4	1 286.7	1 229.9	1 195.7	111.4	213.2	305.9
Equatorial Guinea	2 615.6	2 532.0	2 423.3	102.9	103.6	104.7	86.6	169.4	276.9
Eritrea	1 118.5	1 086.9	1 045.8	7 530.0	7 592.0	7 592.0	1 451.5	3 427.7	3 480.0
Estonia	2 238.9	2 336.0	2 438.4	986.0	948.8	988.0	1 014.1	954.2	846.6
Eswatini	473.3	485.4	501.2	1 223.0	1 221.0	1 195.0	23.7	13.5	23.8
Ethiopia	18 528.5	17 798.5	16 849.5	30 534.0	35 683.0	38 456.9	50 937.5	59 375.6	57 543.4
Fiji	1 006.5	1 073.2	1 160.1	371.8	319.1	311.6	448.7	434.7	355.3
Finland	22 445.6	22 242.0	22 409.0	2 218.0	2 291.9	2 262.0	5 795.4	5 856.1	5 725.0
France	15 288.0	16 419.0	17 503.2	29 807.4	28 926.3	28 297.2	8 799.6	8 549.7	8 076.5
Gabon	23 700.0	23 649.4	23 495.0	2 067.0	2 117.6	2 153.2	0.0	0.0	118.8
Gambia	357.3	300.0	225.5	506.0	644.0	634.0	148.7	68.0	152.5
Georgia	2 760.6	2 822.4	2 822.4	3 000.0	2 460.0	2 371.9	1 188.4	1 666.6	1 754.7
Germany	11 354.0	11 409.0	11 419.0	17 068.0	16 700.0	16 586.0	6 473.0	6 748.0	5 290.0
Ghana	8 848.6	7 942.9	8 007.4	12 765.5	12 400.4	12 603.7	1 139.9	2 410.6	2 142.2
Greece	3 600.2	3 901.8	3 901.8	8 529.0	7 489.0	5 372.0	760.8	1 499.2	3 608.9
Grenada	17.7	17.7	17.7	12.0	10.0	8.0	4.3	6.3	8.3
Guatemala	4 209.2	3 722.6	3 493.0	4 761.7	4 317.2	4 612.0	1 745.1	2 676.2	2 611.0
Guinea	6 929.0	6 569.0	6 069.0	14 064.1	15 059.9	17 993.9	3 578.9	2 943.1	509.1
Guinea-Bissau	2 148.9	2 064.4	1 954.7	663.1	747.6	840.5	0.0	0.0	16.8
Guyana	18 564.2	18 519.8	18 387.7	715.3	719.0	720.0	405.5	446.2	2 006.3
Haiti	380.7	378.4	338.0	1 690.0	1 984.0	1 795.0	685.4	393.6	623.0

TABLE 54.
LAND AREA BY TYPE (THOUSAND HA) (CONTINUED)

COUNTRY	FOREST LAND			AGRICULTURAL LAND			OTHER LAND		
	2000	2010	2023	2000	2010	2023	2000	2010	2023
Honduras	6 778.3	6 575.5	6 296.4	2 935.0	3 268.0	3 576.0	1 475.7	1 345.5	1 316.6
Hungary	1 921.2	2 046.4	2 048.6	5 854.0	5 343.0	5 083.0	1 186.8	1 663.6	1 934.7
Iceland	29.8	44.7	53.3	1 889.0	1 874.0	1 638.0	8 106.2	8 106.3	8 330.7
India	67 591.0	69 496.0	72 959.2	180 975.0	179 573.0	178 571.0	48 753.0	48 250.0	45 788.8
Indonesia	101 280.0	99 659.2	90 316.6	44 618.0	49 882.4	55 122.2	41 853.9	38 210.3	43 816.7
Iran (Islamic Republic of)	9 325.7	10 692.0	10 788.4	62 884.0	46 539.4	47 067.0	90 666.3	105 644.6	104 394.6
Iraq	818.0	825.0	825.0	8 495.2	8 218.7	9 477.4	34 423.8	34 388.3	33 110.6
Ireland	630.4	720.4	794.0	4 396.2	4 568.0	4 189.0	1 862.5	1 600.6	1 906.0
Israel	153.0	154.0	140.0	566.0	504.5	536.7	1 445.0	1 505.5	1 487.3
Italy	8 369.3	9 028.0	9 727.6	15 637.0	14 327.8	13 087.6	5 565.6	6 216.0	6 756.9
Jamaica	521.0	558.5	608.5	479.0	421.3	417.0	83.0	103.3	57.5
Japan	24 876.0	24 966.0	24 935.0	5 258.0	4 953.0	4 607.0	6 316.0	6 531.0	6 914.9
Jordan	97.5	97.5	97.5	1 069.0	1 002.3	1 024.0	7 657.5	7 778.2	7 757.9
Kazakhstan	3 156.9	3 082.2	3 542.4	215 393.3	217 161.8	214 265.7	51 419.8	49 726.0	52 161.9
Kenya	3 961.2	3 616.3	3 611.1	26 730.8	27 386.8	28 768.7	26 222.0	25 831.3	25 707.9
Kiribati	1.2	1.2	1.2	34.0	34.0	34.0	45.8	45.8	45.8
Kuwait	4.9	6.3	6.3	148.0	152.0	150.0	1 629.2	1 623.8	1 625.8
Kyrgyzstan	1 180.9	1 229.7	1 370.1	10 714.0	10 611.9	10 358.8	7 285.1	7 338.4	7 451.1
Lao People's Democratic Republic	17 425.0	16 940.5	16 492.0	1 806.0	2 193.5	2 287.2	3 849.0	3 946.0	4 300.8
Latvia	3 241.0	3 372.1	3 422.4	1 588.0	1 805.0	1 971.0	1 393.7	1 045.6	829.6
Lebanon	138.2	137.4	145.1	595.0	640.0	674.2	289.8	245.7	203.7
Lesotho	34.5	34.5	34.5	2 334.0	2 326.0	2 360.7	667.5	675.5	640.7
Liberia	8 222.6	7 920.0	7 526.7	1 367.1	1 667.0	1 923.0	42.2	44.9	182.3
Libya	217.0	217.0	217.0	15 450.0	15 351.0	15 350.0	160 287.0	160 386.0	160 387.0
Lithuania	2 020.0	2 170.0	2 205.4	3 418.0	2 772.3	2 873.0	830.0	1 325.2	1 181.6
Luxembourg	86.7	88.7	88.7	128.0	131.0	133.0	42.7	37.7	35.7
Madagascar	13 030.7	12 562.0	12 390.2	40 500.0	40 895.0	40 895.0	4 623.3	4 697.0	4 894.8
Malawi	3 081.7	2 661.7	2 115.7	4 730.0	5 485.0	6 050.0	1 616.3	1 281.3	1 262.3
Malaysia	19 691.4	18 947.7	18 963.6	6 938.7	7 389.3	8 571.0	6 225.0	6 518.1	5 304.9
Maldives	0.8	0.8	0.8	9.0	6.9	5.9	20.2	22.3	23.1
Mali	13 296.0	13 296.0	13 296.0	38 665.0	41 075.4	43 279.5	70 058.0	67 647.6	65 443.5
Malta	0.4	0.4	0.5	9.0	10.3	8.3	22.7	21.3	21.2
Marshall Islands	9.4	9.4	9.4	8.5	8.5	7.0	0.1	0.1	1.6
Mauritania	421.6	367.2	296.4	39 710.0	39 710.0	39 710.0	62 938.4	62 992.8	63 063.6
Mauritius	41.9	38.4	38.9	99.7	91.0	86.0	61.4	73.6	74.9
Mexico	68 381.4	66 943.3	65 308.8	106 330.0	101 807.0	98 545.4	19 683.7	25 644.7	30 540.8
Micronesia (Federated States of)	63.9	64.1	64.5	5.5	5.0	5.0	0.6	0.9	0.5
Mongolia	14 263.9	14 183.9	14 169.5	130 470.0	114 210.0	107 467.2	10 010.0	27 335.3	34 117.4
Montenegro		827.0	827.0		512.0	263.5		6.0	254.5
Morocco	5 506.5	5 674.6	5 773.8	30 652.0	29 988.3	29 788.3	8 471.5	8 967.1	8 980.0

TABLE 54.
LAND AREA BY TYPE (THOUSAND HA) (CONTINUED)

COUNTRY	FOREST LAND			AGRICULTURAL LAND			OTHER LAND		
	2000	2010	2023	2000	2010	2023	2000	2010	2023
Mozambique	41 188.0	38 972.1	36 026.5	37 450.0	39 665.9	41 512.3	0.0	0.0	1 099.2
Myanmar	34 868.1	31 441.0	27 674.8	10 812.0	12 526.0	12 997.3	19 673.9	21 359.0	24 594.9
Namibia	8 059.1	7 349.0	6 425.9	38 820.0	38 809.0	38 812.0	35 449.9	36 171.0	37 091.1
Nauru	0.0	0.0	0.0	0.4	0.4	0.4	1.6	1.6	1.6
Nepal	5 780.8	5 962.0	5 962.0	4 249.1	4 126.0	3 744.1	4 305.1	4 247.0	4 245.4
Netherlands (Kingdom of the)	359.5	373.5	372.3	1 959.6	1 872.3	1 803.0	1 056.9	1 127.2	1 191.7
New Zealand	9 850.4	9 848.1	9 950.3	12 339.7	11 408.0	9 711.0	4 140.8	5 074.9	6 669.7
Nicaragua	5 399.3	4 188.2	3 107.5	5 141.0	5 050.0	5 091.0	1 493.7	2 795.9	3 835.5
Niger	1 328.1	1 203.9	1 042.4	37 000.0	43 982.0	46 598.5	88 341.9	81 484.1	79 029.1
Nigeria	24 893.0	23 260.0	21 137.1	65 508.0	66 888.9	69 398.2	676.0	928.1	541.7
North Macedonia	957.6	960.4	1 001.5	1 235.0	1 119.0	1 251.0	350.5	442.6	269.5
Norway	12 113.0	12 102.0	12 203.4	1 042.0	1 005.9	982.0	23 369.4	23 416.5	23 241.6
Oman	3.0	3.0	2.4	1 173.0	1 443.2	1 471.7	29 774.0	29 503.8	29 475.9
Pakistan	4 511.3	4 093.7	3 601.9	36 698.0	35 242.0	35 995.0	35 878.7	37 752.3	37 491.1
Palau	39.6	40.6	41.7	4.3	4.3	4.3	2.1	1.1	0.1
Panama	4 442.1	4 328.0	4 179.6	2 230.0	2 266.4	2 190.0	761.9	839.6	1 048.4
Papua New Guinea	36 278.0	36 178.9	35 755.2	1 088.0	1 267.0	1 405.0	7 920.0	7 840.1	8 125.8
Paraguay	22 991.7	19 570.2	15 264.3	16 635.3	18 850.8	21 427.0	103.0	1 309.0	2 148.9
Peru	75 297.8	74 049.8	71 811.9	22 917.9	23 864.7	24 385.6	29 784.3	30 085.5	31 802.6
Philippines	7 309.3	6 839.7	7 293.3	11 234.0	12 100.0	12 722.6	11 273.7	10 877.3	9 801.1
Poland	9 059.0	9 329.0	9 519.0	18 413.0	14 449.0	14 580.0	3 157.0	6 850.0	6 385.0
Portugal	3 281.0	3 252.0	3 312.0	3 956.4	3 654.2	3 970.0	1 839.6	2 179.8	524.0
Qatar	0.0	0.0	0.0	66.0	68.1	74.0	1 095.0	1 092.9	1 075.0
Republic of Korea	6 476.0	6 387.0	6 257.0	1 973.0	1 773.0	1 568.0	1 197.0	1 560.0	1 935.0
Republic of Moldova	344.4	374.5	386.5	2 544.0	2 465.0	2 440.0	399.6	445.5	439.5
Romania	6 366.0	6 515.0	6 929.1	14 857.0	14 156.0	12 715.0	1 748.0	2 334.0	3 364.0
Russian Federation	809 268.5	815 135.6	815 312.0	217 162.0	215 494.0	215 701.0	611 703.5	607 057.4	606 881.4
Rwanda	287.0	265.0	279.0	1 826.0	1 922.0	1 883.1	354.0	280.0	304.9
Saint Kitts and Nevis	11.0	11.0	11.0	9.5	5.7	6.0	5.5	9.3	9.0
Saint Lucia	21.0	20.8	20.8	14.2	9.9	9.9	25.8	30.3	30.3
Saint Vincent and the Grenadines	28.5	28.5	28.5	7.0	7.0	7.0	3.5	3.5	3.5
Samoa	171.3	166.5	160.2	48.0	41.5	48.8	63.7	75.0	68.9
San Marino	1.0	1.0	1.0	1.0	1.0	2.3	4.0	4.0	2.7
Sao Tome and Principe	58.4	58.1	50.0	36.0	33.0	43.0	1.6	4.9	3.0
Saudi Arabia	977.0	977.0	977.0	173 800.0	173 740.0	173 637.4	40 192.0	40 252.0	40 354.6
Senegal	8 853.2	8 468.2	7 948.2	9 027.0	9 278.0	9 511.0	1 372.8	1 506.8	1 793.8
Serbia		2 713.0	2 723.6		3 521.6	3 396.0		2 511.4	2 289.4
Seychelles	33.7	33.7	33.7	4.0	2.4	1.6	8.3	9.9	10.8
Sierra Leone	2 929.4	2 732.2	2 475.7	2 810.0	3 930.4	3 949.0	1 478.6	555.5	793.3
Singapore	17.0	17.7	15.0	1.2	0.7	0.7	48.8	51.7	56.1

TABLE 54.
LAND AREA BY TYPE (THOUSAND HA) (CONTINUED)

COUNTRY	FOREST LAND			AGRICULTURAL LAND			OTHER LAND		
	2000	2010	2023	2000	2010	2023	2000	2010	2023
Slovakia	1 901.4	1 917.9	1 925.9	2 440.0	1 944.7	1 825.0	468.6	946.5	1 039.1
Slovenia	1 233.0	1 247.0	1 231.7	518.0	623.9	611.2	263.0	143.8	218.3
Solomon Islands	2 537.6	2 530.3	2 520.8	76.0	93.9	109.2	185.4	174.8	169.0
Somalia	7 515.0	6 747.5	5 749.8	44 067.0	44 126.0	44 129.2	11 152.0	11 860.5	12 855.1
South Africa	17 778.1	17 414.1	16 940.9	98 125.0	96 891.0	96 341.0	5 405.9	7 003.9	8 027.1
South Sudan			7 157.0			28 347.2			27 688.8
Spain	17 093.9	18 545.3	18 585.0	29 766.0	27 545.0	24 772.7	3 040.1	3 910.7	6 612.0
Sri Lanka	2 166.4	2 103.6	2 103.5	2 350.0	2 620.0	3 006.9	1 754.6	1 547.4	1 058.6
Sudan			17 843.1			112 665.0			56 291.9
Suriname	15 340.9	15 299.9	15 159.6	88.0	78.3	71.4	621.9	672.6	819.8
Sweden	28 163.0	28 073.0	27 980.0	2 974.1	3 073.7	2 982.0	9 596.9	9 587.3	9 637.0
Switzerland	1 196.2	1 234.7	1 279.4	1 565.8	1 534.4	1 493.2	1 190.4	1 182.2	1 289.6
Syrian Arab Republic	432.1	492.1	522.1	13 711.0	13 908.0	13 606.0	4 234.9	3 962.9	4 234.9
Tajikistan	410.0	410.0	426.8	4 573.0	3 808.2	3 878.7	9 013.0	9 777.8	9 573.5
Thailand	18 998.0	20 073.0	19 765.0	21 895.0	22 824.0	22 376.0	10 196.0	8 192.0	8 948.0
Timor-Leste	949.1	935.1	916.9	337.0	338.0	341.4	200.9	213.9	228.7
Togo	1 268.5	1 238.9	1 200.4	3 400.0	3 665.0	3 820.0	770.5	535.1	418.6
Tonga	9.0	9.0	9.0	30.0	32.0	35.0	33.1	31.1	28.1
Trinidad and Tobago	236.7	232.4	226.9	67.0	54.0	54.0	209.4	226.6	232.1
Tunisia	667.9	687.4	707.3	9 551.0	10 038.0	9 700.5	5 317.2	4 810.6	5 128.2
Türkiye	20 148.4	21 083.1	22 688.4	40 479.0	39 012.0	38 588.0	16 335.7	16 867.9	15 686.6
Turkmenistan	4 127.0	4 127.0	4 127.0	35 500.0	34 000.0	39 578.2	7 366.0	8 866.0	3 226.7
Tuvalu	1.0	1.0	1.0	2.0	1.8	1.8	0.0	0.2	0.2
Uganda	3 163.0	2 750.4	2 214.1	12 512.0	14 265.0	14 415.0	4 306.1	3 036.6	3 422.9
Ukraine	9 510.0	9 548.0	9 708.0	41 406.0	41 267.0	41 311.0	7 019.0	7 117.0	6 340.0
United Arab Emirates	309.4	317.3	317.3	547.0	392.3	391.7	6 245.6	6 392.4	6 374.4
United Kingdom of Great Britain and Northern Ireland	2 954.0	3 059.0	3 215.4	16 964.0	17 224.0	17 009.5	4 275.0	3 910.0	3 592.5
United Republic of Tanzania	53 670.0	49 950.0	44 338.0	34 000.0	37 399.0	39 521.2	910.0	1 231.0	4 720.8
United States of America	303 536.0	308 720.0	309 795.0	414 399.0	418 927.3	421 540.4	185 090.1	174 061.3	170 175.0
Uruguay	1 369.0	1 731.3	2 094.0	14 958.0	14 433.0	14 238.6	1 175.0	1 337.7	1 169.4
Uzbekistan	2 961.5	3 349.6	3 767.2	27 328.0	25 598.0	25 582.0	13 307.0	14 641.6	14 065.8
Vanuatu	442.3	442.3	442.3	175.0	187.0	187.0	601.7	589.7	589.7
Venezuela (Bolivarian Republic of)	49 151.0	47 505.0	46 072.9	21 635.0	21 500.0	21 500.0	17 419.0	19 200.0	20 632.1
Viet Nam	11 784.1	13 388.1	14 870.8	8 780.0	10 760.1	12 291.0	10 541.9	7 181.2	4 181.1
Yemen	549.0	549.0	549.0	23 669.0	23 579.0	23 452.0	28 579.0	28 669.0	28 796.0
Zambia	47 054.0	46 696.0	44 249.4	22 526.0	23 436.0	23 839.0	4 759.0	4 207.0	6 250.6
Zimbabwe	18 366.0	17 905.3	17 306.4	15 117.4	16 136.8	16 167.1	5 201.7	4 642.9	5 211.5

Source: FAO. 2025. FAOSTAT: Land Use. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/RL>. Licence: CC-BY-4.0.

TABLE 55.
SHARE OF FOREST AREA IN TOTAL LAND AREA (PERCENT)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
World	32.0	31.7	31.5	31.3	31.2	31.1	31.1	31.1	31.1
Africa	24.0	23.3	22.7	21.9	21.4	21.3	21.1	21.0	20.9
Americas	43.3	42.7	42.0	41.7	41.4	41.3	41.4	41.4	41.3
Asia	18.9	19.3	19.6	19.8	20.0	20.0	20.1	20.1	20.1
Europe	45.3	45.6	45.8	45.9	46.0	46.0	46.0	46.0	46.0
Oceania	21.6	21.5	21.3	21.7	21.8	21.8	21.8	21.8	21.8
Afghanistan	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Albania	28.1	28.3	28.5	28.8	28.8	28.8	28.8	28.8	28.8
Algeria	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Andorra	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
Angola	62.3	60.1	57.9	55.7	53.9	53.4	53.0	52.5	52.1
Antigua and Barbuda	21.5	20.7	20.0	19.2	18.6	18.5	18.3	18.2	18.0
Argentina	12.2	11.6	11.0	10.6	10.5	10.4	10.4	10.4	10.3
Armenia	11.7	11.7	11.6	11.6	11.5	11.7	11.6	11.6	11.6
Australia	17.2	17.0	16.9	17.3	17.4	17.4	17.4	17.4	17.4
Austria	46.5	46.7	46.8	47.0	47.1	47.1	47.2	47.2	47.2
Azerbaijan	12.0	12.2	12.5	13.0	13.6	13.7	13.8	14.0	14.1
Bahamas	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
Bahrain	0.5	0.6	0.7	0.8	0.9	0.9	0.9	0.9	1.0
Bangladesh	14.8	14.6	14.5	14.5	14.5	14.5	14.5	14.5	14.5
Barbados	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
Belarus	40.8	41.7	42.5	42.5	43.1	43.2	43.3	43.3	43.4
Belgium	22.0	22.4	22.7	22.7	22.6	22.6	22.6	22.6	22.6
Belize	64.0	62.5	61.0	58.4	56.5	56.0	55.5	55.0	54.5
Benin	36.7	34.5	32.2	30.0	28.3	27.8	27.4	26.9	26.5
Bhutan	65.5	69.7	71.0	71.2	71.4	71.5	71.5	71.6	71.6
Bolivia (Plurinational State of)	50.9	49.9	49.0	48.0	47.1	46.9	46.7	46.5	46.4
Bosnia and Herzegovina	41.2	41.2	41.1	42.2	42.7	42.7	42.7	42.7	42.7
Botswana	31.1	30.1	29.0	28.0	27.1	26.9	26.7	26.5	26.3
Brazil	65.9	63.6	61.2	60.3	59.6	59.4	59.3	59.1	59.0
Brunei Darussalam	75.3	73.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1
Bulgaria	30.5	32.7	34.4	35.3	35.7	35.9	36.0	36.1	36.2
Burkina Faso	26.4	25.5	24.6	23.6	22.9	22.7	22.5	22.4	22.2
Burundi	7.6	7.6	7.6	10.9	10.9	10.9	10.9	10.9	10.9
Cabo Verde	9.9	10.2	10.6	11.0	11.3	11.3	11.4	11.5	11.6
Cambodia	61.1	60.5	60.0	50.1	46.6	45.7	44.8	43.9	43.1
Cameroon	45.7	45.0	44.2	43.6	43.2	43.0	42.9	42.8	42.7
Canada	38.8	38.8	38.7	38.7	38.7	38.7	39.5	39.5	39.5
Central African Republic	36.8	36.5	36.3	36.0	35.9	35.8	35.8	35.7	35.7
Chad	5.1	4.7	4.4	3.9	3.5	3.4	3.3	3.3	3.2
Chile	21.3	21.9	22.5	23.7	24.4	24.5	24.7	24.9	25.0
China	18.8	20.0	21.3	22.3	23.1	23.3	23.5	23.7	23.9
Colombia	56.5	55.7	54.8	54.2	53.5	53.3	53.1	53.0	52.8
Comoros	22.4	21.2	20.0	18.9	17.9	17.7	17.5	17.2	17.0

TABLE 55.
SHARE OF FOREST AREA IN TOTAL LAND AREA (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Congo	65.0	64.8	64.6	64.5	64.3	64.3	64.2	64.2	64.1
Costa Rica	56.0	56.1	56.2	57.8	59.1	59.4	59.8	60.1	60.4
Côte d'Ivoire	16.0	14.3	12.5	10.7	9.3	8.9	8.6	8.2	7.9
Croatia	33.7	34.0	34.3	34.3	34.6	34.7	34.7	34.7	34.8
Cuba	22.7	25.2	27.6	30.6	31.2	31.2	31.2	31.2	31.2
Cyprus	18.6	18.6	18.7	18.7	18.7	18.7	18.7	18.7	18.7
Czechia	34.1	34.3	34.4	34.6	34.7	34.7	34.7	34.7	34.8
Democratic People's Republic of Korea	53.6	52.7	51.8	51.0	50.3	50.1	49.9	49.7	49.6
Democratic Republic of the Congo	63.5	62.0	60.5	58.1	56.1	55.7	55.2	54.7	54.2
Denmark	14.3	14.5	14.7	15.6	15.7	15.7	15.7	15.8	15.8
Djibouti	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
Dominica	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
Dominican Republic	40.8	41.9	42.9	43.5	44.3	44.5	44.7	44.8	45.0
Ecuador	55.3	53.9	52.5	51.6	50.6	50.3	50.1	49.8	49.6
Egypt	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
El Salvador	32.5	31.4	30.4	29.3	28.4	28.2	28.0	27.8	27.5
Equatorial Guinea	93.3	91.8	90.3	88.8	87.6	87.3	87.0	86.7	86.4
Eritrea	11.1	9.1	9.0	8.9	8.7	8.7	8.7	8.7	8.6
Estonia	52.8	54.0	55.1	55.7	57.0	57.0	57.0	57.1	57.1
Eswatini	27.5	27.9	28.2	28.6	28.9	28.9	29.0	29.1	29.1
Ethiopia	18.5	16.1	15.8	15.5	15.2	15.1	15.1	15.0	14.9
Fiji	55.1	56.9	58.7	60.6	62.0	62.4	62.8	63.1	63.5
Finland	73.7	73.4	73.2	73.7	73.7	73.7	73.7	73.7	73.7
France	28.4	29.4	30.5	31.2	31.9	32.0	32.2	32.3	32.5
Gabon	92.0	91.9	91.8	91.6	91.4	91.3	91.3	91.2	91.2
Gambia	35.3	32.5	29.6	26.8	24.6	24.0	23.4	22.9	22.3
Georgia	39.7	40.2	40.6	40.6	40.6	40.6	40.6	40.6	40.6
Germany	32.5	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7
Ghana	38.9	36.9	34.9	34.6	35.1	35.1	35.1	35.2	35.2
Greece	27.9	29.1	30.3	30.3	30.3	30.3	30.3	30.3	30.3
Grenada	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
Guatemala	39.3	37.0	34.7	33.5	33.0	32.9	32.8	32.7	32.6
Guinea	28.2	27.5	26.7	26.0	25.4	25.2	25.0	24.9	24.7
Guinea-Bissau	76.4	74.9	73.4	71.9	70.7	70.4	70.1	69.8	69.5
Guyana	94.3	94.2	94.1	93.8	93.6	87.2	87.2	87.1	87.1
Haiti	13.8	13.8	13.7	13.2	12.7	12.6	12.5	12.4	12.3
Honduras	60.6	59.7	58.8	57.8	57.0	56.8	56.7	56.5	56.3
Hungary	21.4	22.1	22.6	22.6	22.5	22.5	22.5	22.5	22.5
Iceland	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
India	22.7	23.1	23.4	23.8	24.2	24.3	24.4	24.5	24.5
Indonesia	53.9	53.5	53.1	50.6	49.4	49.1	48.4	48.0	47.7
Iran (Islamic Republic of)	5.7	6.2	6.6	6.6	6.6	6.6	6.6	6.6	6.7
Iraq	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Ireland	9.2	9.8	10.5	11.0	11.3	11.4	11.4	11.5	11.5

TABLE 55.
SHARE OF FOREST AREA IN TOTAL LAND AREA (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Israel	7.1	7.1	7.1	7.6	6.5	6.5	6.5	6.5	6.5
Italy	28.3	29.4	30.5	31.4	32.2	32.4	32.5	32.7	32.9
Jamaica	48.1	49.8	51.6	53.3	54.8	55.1	55.5	55.8	56.2
Japan	68.3	68.4	68.5	68.4	68.4	68.4	68.4	68.4	68.4
Jordan	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Kazakhstan	1.2	1.2	1.1	1.2	1.3	1.3	1.3	1.3	1.3
Kenya	7.0	6.7	6.4	6.2	6.2	6.2	6.2	6.2	6.2
Kiribati	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Kuwait	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Kyrgyzstan	6.2	6.3	6.4	6.5	6.8	6.9	7.0	7.1	7.1
Lao People's Democratic Republic	75.5	74.5	73.4	72.7	72.1	71.9	71.8	71.6	71.5
Latvia	52.1	53.1	54.2	54.5	54.8	54.8	54.9	54.9	55.0
Lebanon	13.5	13.5	13.4	13.7	14.0	14.0	14.1	14.1	14.2
Lesotho	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Liberia	85.4	83.8	82.2	80.7	79.4	79.1	78.8	78.5	78.1
Libya	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Lithuania	32.2	33.4	34.6	34.9	35.1	35.2	35.2	35.2	35.2
Luxembourg	33.7	34.1	34.5	34.5	34.5	34.5	34.5	34.5	34.5
Madagascar	22.4	22.0	21.6	21.5	21.4	21.4	21.3	21.3	21.3
Malawi	32.7	30.5	28.2	26.0	24.2	23.8	23.3	22.9	22.4
Malaysia	59.9	58.8	57.7	59.2	58.3	58.2	58.0	57.9	57.7
Maldives	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.8
Mali	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
Malta	1.1	1.1	1.1	1.1	1.4	1.4	1.4	1.4	1.4
Marshall Islands	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
Mauritania	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
Mauritius	20.7	19.8	18.9	19.2	19.4	19.4	19.4	19.5	19.5
Mexico	35.2	34.8	34.4	34.1	33.9	33.8	33.7	33.7	33.6
Micronesia (Federated States of)	91.2	91.4	91.6	91.8	92.0	92.0	92.1	92.1	92.2
Mongolia	9.2	9.2	9.1	9.1	9.1	9.1	9.1	9.1	9.1
Montenegro			61.5	61.5	61.5	61.5	61.5	61.5	61.5
Morocco	12.3	12.5	12.7	12.7	12.8	12.9	12.9	12.9	12.9
Mozambique	52.4	51.0	49.6	48.3	47.0	46.7	46.4	46.1	45.8
Myanmar	53.4	50.7	48.1	45.9	44.2	43.7	43.3	42.9	42.4
Namibia	9.8	9.4	8.9	8.5	8.2	8.1	8.0	7.9	7.8
Nauru	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nepal	40.3	41.0	41.6	41.6	41.6	41.6	41.6	41.6	41.6
Netherlands (Kingdom of the)	10.7	10.9	11.1	10.8	11.0	11.0	11.0	11.0	11.1
New Zealand	37.4	37.4	37.4	37.4	37.5	37.6	37.6	37.7	37.8
Nicaragua	44.9	39.8	34.8	32.5	29.2	28.3	27.5	26.7	25.8
Niger	1.1	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
Nigeria	27.3	26.4	25.5	24.6	23.9	23.8	23.6	23.4	23.2
North Macedonia	37.7	37.7	38.1	39.4	39.7	39.7	39.7	39.7	39.7
Norway	33.2	33.2	33.1	33.3	33.3	33.4	33.5	33.5	33.5

TABLE 55.
SHARE OF FOREST AREA IN TOTAL LAND AREA (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Oman	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pakistan	5.9	5.6	5.3	5.1	4.9	4.8	4.8	4.7	4.7
Palau	86.0	87.1	88.2	89.1	89.9	90.0	90.2	90.4	90.5
Panama	59.8	59.0	58.2	57.6	57.0	56.8	56.7	56.5	56.3
Papua New Guinea	80.1	80.0	79.9	79.6	79.3	79.2	79.1	79.0	79.0
Paraguay	57.9	53.6	49.3	44.0	41.2	40.5	39.8	39.3	38.5
Peru	58.8	58.3	57.9	57.2	56.6	56.5	56.4	56.2	56.1
Philippines	24.5	23.7	22.9	23.5	24.0	24.1	24.2	24.3	24.5
Poland	29.6	30.0	30.5	30.8	30.9	31.0	31.0	31.1	31.1
Portugal	35.9	35.7	35.5	36.2	36.2	36.2	36.2	36.2	36.2
Qatar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Republic of Korea	67.1	66.4	65.7	65.0	64.5	64.4	64.3	64.2	64.1
Republic of Moldova	10.5	10.9	11.4	11.8	11.8	11.8	11.8	11.8	11.7
Romania	27.7	28.0	28.3	30.0	30.1	30.1	30.1	30.1	30.1
Russian Federation	49.4	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8
Rwanda	11.6	11.2	10.7	10.9	11.2	11.2	11.2	11.3	11.3
Saint Kitts and Nevis	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
Saint Lucia	34.4	34.3	34.1	34.1	34.1	34.1	34.1	34.1	34.1
Saint Vincent and the Grenadines	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
Samoa	60.5	59.7	58.8	58.0	58.3	58.2	58.0	57.8	57.6
San Marino	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
Sao Tome and Principe	60.8	60.7	60.5	57.3	54.7	54.1	53.4	52.8	52.1
Saudi Arabia	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Senegal	46.0	45.0	44.0	42.9	42.1	41.9	41.7	41.5	41.3
Serbia			31.0	31.1	31.1	32.4	32.4	32.4	32.4
Seychelles	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
Sierra Leone	40.6	39.2	37.9	36.5	35.4	35.1	34.9	34.6	34.3
Singapore	25.4	25.2	25.3	23.2	22.0	21.7	21.4	21.2	20.9
Slovakia	39.5	39.7	39.9	40.0	40.1	40.1	40.1	40.1	40.1
Slovenia	61.2	61.6	61.9	62.0	61.6	61.5	61.4	61.3	61.2
Solomon Islands	90.7	90.5	90.4	90.3	90.2	90.1	90.1	90.1	90.1
Somalia	12.0	11.4	10.8	10.1	9.7	9.5	9.4	9.3	9.2
South Africa	14.7	14.5	14.4	14.2	14.1	14.1	14.0	14.0	14.0
South Sudan				11.3	11.3	11.3	11.3	11.3	11.3
Spain	34.3	35.7	37.1	37.1	37.2	37.2	37.2	37.2	37.2
Sri Lanka	34.6	34.1	33.6	34.4	34.2	34.2	34.1	34.1	34.0
Sudan				10.3	9.9	9.8	9.7	9.6	9.6
Suriname	95.6	95.5	95.3	95.0	94.8	94.7	94.6	94.5	94.5
Sweden	69.1	69.0	68.9	68.7	68.7	68.7	68.7	68.7	68.7
Switzerland	30.3	30.8	31.3	31.7	32.0	32.1	32.2	32.3	32.4
Syrian Arab Republic	2.4	2.5	2.7	2.8	2.8	2.8	2.8	2.8	2.8
Tajikistan	2.9	2.9	2.9	3.0	3.1	3.1	3.1	3.1	3.1
Thailand	37.2	38.2	39.3	39.3	39.0	38.9	38.8	38.8	38.7
Timor-Leste	63.8	63.4	62.9	62.4	62.0	61.9	61.9	61.8	61.7

TABLE 55.
SHARE OF FOREST AREA IN TOTAL LAND AREA (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2019	2020	2021	2022	2023
Togo	23.3	23.1	22.8	22.5	22.3	22.2	22.2	22.1	22.1
Tonga	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
Trinidad and Tobago	46.1	45.7	45.3	44.9	44.6	44.5	44.4	44.3	44.2
Tunisia	4.3	4.4	4.4	4.5	4.5	4.5	4.5	4.5	4.6
Türkiye	26.2	26.8	27.4	28.1	28.7	28.9	29.1	29.3	29.5
Turkmenistan	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
Tuvalu	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
Uganda	15.8	14.8	13.7	12.7	11.9	11.7	11.5	11.3	11.0
Ukraine	16.4	16.5	16.5	16.7	16.7	16.7	16.7	16.7	16.8
United Arab Emirates	4.4	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5
United Kingdom of Great Britain and Northern Ireland	12.2	12.4	12.6	13.0	13.2	13.2	13.2	13.3	13.3
United Republic of Tanzania	60.6	58.5	56.4	54.3	52.2	51.6	51.1	50.6	50.1
United States of America	33.1	33.4	33.8	33.9	33.9	33.9	33.9	33.9	33.9
Uruguay	7.8	8.9	9.9	11.0	11.5	11.6	11.7	11.8	12.0
Uzbekistan	6.8	7.2	7.7	8.1	8.3	8.4	8.4	8.5	8.6
Vanuatu	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
Venezuela (Bolivarian Republic of)	55.7	54.8	53.9	52.9	52.5	52.4	52.4	52.3	52.2
Viet Nam	37.9	40.2	42.7	44.9	46.5	46.7	47.0	47.2	47.5
Yemen	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Zambia	63.3	63.1	62.8	61.6	60.5	60.3	60.0	59.8	59.5
Zimbabwe	47.5	46.9	46.3	45.7	45.2	45.1	45.0	44.9	44.7

Source: FAO. 2025. FAOSTAT: Land Use. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/RL>. Licence: CC-BY-4.0.

TABLE 56.
PRIMARY CROPS HARVESTED AREA BY COMMODITY GROUP, 2023 (THOUSAND HA)

COUNTRY	CEREALS	OIL CROPS	ROOTS AND TUBERS	FRUIT	VEGETABLES	SUGAR CROPS	OTHER	TOTAL
World	738 760	350 520	70 325	68 140	59 132	31 673	169 094	1 487 644
Africa	127 726	53 146	45 155	15 188	10 999	1 746	52 907	306 866
Americas	137 024	125 742	4 102	9 592	3 265	14 075	20 931	314 731
Asia	342 111	120 322	16 675	35 791	41 727	12 447	84 884	653 956
Europe	113 498	45 323	4 057	6 938	2 961	3 031	7 533	183 340
Oceania	18 402	5 988	336	631	180	374	2 839	28 751
Afghanistan	2 340	114	61	340	115	2	171	3 143
Albania	136	52	10	36	35	1	28	296
Algeria	2 908	500	138	549	313	0	149	4 556
Andorra								
Angola	3 141	477	1 390	297	181	26	808	6 319
Antigua and Barbuda	0	1	0	1	0	0	0	2
Argentina	16 293	17 876	95	439	174	509	1 004	36 391
Armenia	122	0	19	57	18	4	4	223
Australia	18 276	5 228	37	283	75	331	2 600	26 830
Austria	742	175	21	53	17	36	22	1 065
Azerbaijan	936	121	49	135	61	4	80	1 387
Bahamas	0	0	1	2	3	3	0	10
Bahrain	0	0	0	2	0	0	0	3
Bangladesh	12 466	563	484	522	702	90	1 855	16 682
Barbados	0	0	0	1	1	2	1	5
Belarus	2 066	431	183	72	60	106	148	3 067
Belgium	325	13	96	19	58	56	12	578
Belize	42	18	0	12	2	39	7	120
Benin	2 430	1 389	649	59	108	2	708	5 345
Bhutan	20	1	6	3	6	0	9	44
Bolivia (Plurinational State of)	1 581	2 044	260	150	89	176	213	4 513
Bosnia and Herzegovina	192	16	25	73	125	0	15	447
Botswana	159	15	9	2	4	0	22	211
Brazil	29 211	47 632	1 412	2 352	352	10 066	6 254	97 278
Brunei Darussalam	2	0	1	2	6	0	4	14
Bulgaria	1 980	958	7	66	15	0	28	3 055
Burkina Faso	4 216	1 999	31	259	155	5	1 909	8 573
Burundi	779	33	501	173	54	4	1 497	3 040
Cabo Verde	20	2	1	0	1	3	32	59
Cambodia	3 863	132	594	118	104	21	595	5 428
Cameroon	2 169	1 240	974	653	667	25	1 434	7 163
Canada	16 034	11 724	157	88	91	13	2 962	31 069
Central African Republic	345	454	264	89	89	21	838	2 099
Chad	3 226	1 377	131	37	10	4	273	5 059
Chile	391	62	30	399	70	5	132	1 091
China	100 252	27 642	7 311	15 947	23 805	1 473	8 401	184 831
Colombia	1 151	625	258	860	114	377	1 211	4 595
Comoros	11	33	19	15	3	0	52	133

TABLE 56.
PRIMARY CROPS HARVESTED AREA BY COMMODITY GROUP, 2023 (THOUSAND HA) (CONTINUED)

COUNTRY	CEREALS	OIL CROPS	ROOTS AND TUBERS	FRUIT	VEGETABLES	SUGAR CROPS	OTHER	TOTAL
Congo	35	71	168	40	9	20	64	407
Costa Rica	19	90	16	184	8	59	119	496
Côte d'Ivoire	1 414	1 194	2 969	986	165	26	8 143	14 898
Croatia	540	175	7	37	35	8	-4	799
Cuba	142	6	181	170	128	234	122	982
Cyprus	24	11	4	12	2	0	3	55
Czechia	1 317	470	21	30	9	59	57	1 964
Democratic People's Republic of Korea	1 224	174	200	242	275	0	478	2 592
Democratic Republic of the Congo	5 018	1 138	5 857	1 375	90	59	1 091	14 628
Denmark	1 235	211	61	4	9	31	42	1 592
Djibouti	0	0	0	1	5	0	38	44
Dominica	0	4	5	9	1	0	12	30
Dominican Republic	230	93	68	261	62	112	275	1 101
Ecuador	684	158	50	417	62	76	631	2 078
Egypt	3 160	379	255	774	693	383	128	5 771
El Salvador	319	12	7	21	6	78	220	663
Equatorial Guinea	0	9	50	15	0	0	23	97
Eritrea	478	89	16	1	14	0	50	647
Estonia	352	82	3	3	1	0	53	494
Eswatini	71	8	18	18	2	59	6	181
Ethiopia	10 527	852	199	179	319	22	3 415	15 513
Fiji	2	3	16	7	8	31	3	71
Finland	908	33	17	8	9	11	41	1 026
France	8 832	2 388	204	923	243	381	406	13 377
Gabon	30	105	112	64	10	4	19	346
Gambia	161	62	3	2	2	0	7	237
Georgia	156	4	16	142	13	0	35	366
Germany	6 060	1 307	265	170	101	396	257	8 555
Ghana	2 145	1 014	1 942	474	83	6	2 228	7 893
Greece	822	925	11	234	41	0	179	2 212
Grenada	0	3	0	3	1	0	3	10
Guatemala	1 199	279	29	219	106	227	800	2 859
Guinea	3 861	1 309	547	359	208	6	651	6 940
Guinea-Bissau	189	147	26	26	7	0	236	631
Guyana	166	27	5	10	3	16	8	235
Haiti	311	71	182	225	33	24	350	1 195
Honduras	410	231	11	46	13	68	522	1 301
Hungary	2 406	942	8	128	34	14	25	3 557
Iceland	3	0	0	0	0	0	0	4
India	103 299	45 462	2 608	7 537	9 180	5 885	43 523	217 495
Indonesia	12 690	17 633	847	951	1 180	576	8 645	42 523
Iran (Islamic Republic of)	8 662	474	81	1 037	319	181	1 108	11 861
Iraq	1 901	10	9	523	66	8	12	2 528
Ireland	269	22	8	1	3	0	16	320

TABLE 56.
PRIMARY CROPS HARVESTED AREA BY COMMODITY GROUP, 2023 (THOUSAND HA) (CONTINUED)

COUNTRY	CEREALS	OIL CROPS	ROOTS AND TUBERS	FRUIT	VEGETABLES	SUGAR CROPS	OTHER	TOTAL
Israel	91	53	16	73	65	0	29	329
Italy	3 054	1 545	45	1 137	319	23	288	6 412
Jamaica	2	14	18	32	19	8	15	108
Japan	1 841	162	122	174	364	74	89	2 826
Jordan	46	58	5	28	35	0	2	173
Kazakhstan	16 466	2 665	95	165	160	13	759	20 323
Kenya	2 928	247	373	264	211	81	2 409	6 512
Kiribati	0	31	0	2	0	0	0	33
Kuwait	2	0	0	5	4	0	0	11
Kyrgyzstan	597	33	72	63	58	13	115	952
Lao People's Democratic Republic	966	26	370	65	192	32	341	1 992
Latvia	763	149	8	8	3	0	70	1 002
Lebanon	55	65	23	63	28	0	22	257
Lesotho	178	0	7	4	4	0	21	214
Liberia	240	39	80	41	25	27	284	735
Libya	310	224	19	94	44	0	66	757
Lithuania	1 344	315	15	20	8	14	169	1 886
Luxembourg	27	3	1	1	0	0	0	32
Madagascar	2 222	126	555	255	48	102	470	3 779
Malawi	2 044	776	670	227	142	29	917	4 805
Malaysia	615	5 293	5	157	69	1	1 263	7 404
Maldives	0	0	0	0	2	0	1	3
Mali	6 286	1 430	59	207	214	11	624	8 832
Malta	0	0	0	0	0	0	0	1
Marshall Islands	0	7	0	0	0	0	0	7
Mauritania	287	5	4	15	1	0	98	410
Mauritius	0	1	1	2	7	36	1	47
Mexico	8 685	609	77	1 674	718	816	1 864	14 443
Micronesia (Federated States of)	0	18	1	1	0	0	0	21
Mongolia	363	134	19	4	16	0	4	540
Montenegro	2	0	1	7	1	0	1	14
Morocco	3 796	1 251	59	487	136	38	572	6 339
Mozambique	3 334	1 512	998	123	126	31	2 112	8 236
Myanmar	7 459	3 359	51	485	378	203	4 442	16 378
Namibia	339	1	45	14	7	0	21	426
Nauru	0	0	0	0	0	0	0	0
Nepal	3 334	271	234	133	325	63	401	4 761
Netherlands (Kingdom of the)	186	3	155	20	86	80	4	534
New Zealand	116	3	10	74	31	0	16	251
Nicaragua	350	92	29	50	7	73	387	988
Niger	10 563	1 240	31	108	219	12	6 212	18 384
Nigeria	18 116	11 328	20 610	2 018	4 891	87	6 948	63 998
North Macedonia	153	11	12	62	40	0	40	319
Norway	284	2	12	4	7	0	6	315

TABLE 56.
PRIMARY CROPS HARVESTED AREA BY COMMODITY GROUP, 2023 (THOUSAND HA) (CONTINUED)

COUNTRY	CEREALS	OIL CROPS	ROOTS AND TUBERS	FRUIT	VEGETABLES	SUGAR CROPS	OTHER	TOTAL
Oman	8	1	0	37	29	0	0	75
Pakistan	14 636	4 534	356	747	426	1 181	1 243	23 124
Palau								
Panama	155	31	9	67	7	24	51	344
Papua New Guinea	4	479	240	234	46	13	187	1 203
Paraguay	1 533	3 819	186	73	15	111	97	5 834
Peru	1 149	149	490	507	235	83	848	3 460
Philippines	7 357	3 771	349	1 340	787	409	680	14 693
Poland	7 188	1 190	189	340	119	261	419	9 705
Portugal	190	387	14	262	46	0	249	1 148
Qatar	0	0	0	3	3	0	0	6
Republic of Korea	776	135	44	184	228	0	70	1 437
Republic of Moldova	925	497	23	196	40	11	63	1 756
Romania	5 169	1 865	79	316	90	12	108	7 641
Russian Federation	43 172	17 292	1 105	675	472	1 038	2 532	66 285
Rwanda	527	100	421	285	111	7	708	2 158
Saint Kitts and Nevis	0	1	0	0	0	0	0	2
Saint Lucia	0	2	1	1	0	0	0	5
Saint Vincent and the Grenadines	0	1	1	6	0	0	2	10
Samoa	0	21	4	7	1	0	3	36
San Marino								
Sao Tome and Principe	0	2	3	5	0	0	43	54
Saudi Arabia	233	35	21	224	50	0	5	568
Senegal	1 940	1 276	112	139	81	11	270	3 829
Serbia	1 774	494	23	213	67	42	41	2 654
Seychelles	0	1	0	0	1	0	0	2
Sierra Leone	1 046	135	164	53	71	1	210	1 679
Singapore	0	0	0	0	1	0	0	1
Slovakia	694	273	5	13	8	22	19	1 034
Slovenia	106	11	3	18	4	0	3	146
Solomon Islands	1	66	15	2	0	0	17	101
Somalia	354	110	11	24	28	7	90	623
South Africa	3 320	1 899	92	342	149	265	106	6 173
South Sudan	1 104	988	119	85	61	0	43	2 400
Spain	5 444	3 574	59	1 520	312	35	1 521	12 465
Sri Lanka	1 247	515	36	112	100	16	624	2 650
Sudan	9 267	8 487	162	301	261	63	393	18 934
Suriname	50	1	0	2	1	2	0	57
Sweden	971	126	23	4	15	29	47	1 214
Switzerland	142	35	11	22	17	16	6	249
Syrian Arab Republic	2 689	741	25	256	88	1	390	4 189
Tajikistan	377	189	57	149	67	0	24	862
Thailand	12 544	1 273	1 517	941	358	1 638	3 981	22 252
Timor-Leste	79	17	17	2	18	0	35	168

TABLE 56.
PRIMARY CROPS HARVESTED AREA BY COMMODITY GROUP, 2023 (THOUSAND HA) (CONTINUED)

COUNTRY	CEREALS	OIL CROPS	ROOTS AND TUBERS	FRUIT	VEGETABLES	SUGAR CROPS	OTHER	TOTAL
Togo	1 291	442	435	10	29	0	505	2 711
Tonga	0	4	2	5	7	0	0	19
Trinidad and Tobago	3	4	2	14	4	0	11	38
Tunisia	470	1 954	25	254	114	2	356	3 174
Türkiye	11 531	2 521	151	1 351	654	364	2 583	19 154
Turkmenistan	801	580	56	60	23	18	15	1 553
Tuvalu	0	2	0	0	0	0	0	3
Uganda	1 620	1 195	1 552	2 491	241	88	2 106	9 293
Ukraine	10 634	8 623	1 210	215	396	250	197	21 525
United Arab Emirates	1	0	0	41	6	0	0	48
United Kingdom of Great Britain and Northern Ireland	3 089	412	115	29	114	99	369	4 226
United Republic of Tanzania	6 521	2 597	1 694	833	445	49	2 813	14 951
United States of America	55 540	38 530	440	1 040	859	833	2 427	99 669
Uruguay	857	1 382	11	25	9	7	7	2 298
Uzbekistan	1 481	1 076	112	427	231	0	43	3 371
Vanuatu	2	94	6	9	4	0	11	125
Venezuela (Bolivarian Republic of)	515	152	71	219	67	34	371	1 430
Viet Nam	7 996	394	612	817	1 052	175	2 483	13 529
Yemen	543	28	18	106	44	0	307	1 046
Zambia	1 561	1 187	479	29	52	45	247	3 601
Zimbabwe	1 570	700	107	32	89	80	444	3 022

Source: FAO. 2024. FAOSTAT: Production: Crops and livestock products. [Accessed on 28 October 2025].
<https://www.fao.org/faostat/en/#data/QCL>. Licence: CC-BY-4.0.

TABLE 57.
AREA UNDER ORGANIC AGRICULTURE (THOUSAND HA)

COUNTRY	2004	2005	2010	2015	2019	2020	2021	2022	2023
World	21 891.6	29 211.0	35 799.3	50 967.7	72 236.3	75 215.3	76 568.9	78 815.3	98 847.3
Africa	624.2	952.9	1 023.6	1 682.4	2 122.9	2 354.6	2 744.2	2 763.5	3 407.5
Americas	3 214.4	7 090.3	10 174.0	9 765.0	12 057.0	13 847.6	13 457.2	13 244.5	13 700.2
Asia	211.8	2 837.1	3 271.4	4 483.4	6 463.0	6 534.3	6 864.1	9 150.0	9 493.1
Europe	5 764.2	6 567.8	9 545.1	12 198.4	15 712.1	16 571.2	17 559.0	17 792.5	19 071.6
Oceania	12 077.0	11 763.0	11 785.2	22 838.5	35 881.2	35 907.6	35 944.5	35 864.9	53 174.9
Afghanistan			0.1	0.1	0.8	0.1	0.1	0.1	0.0
Albania		1.2	4.2		0.6	0.9	1.1	0.7	0.8
Algeria	1.4	0.9	0.6	1.4	0.8	0.8	0.8	1.1	3.4
Andorra			0.0	0.0	0.0	0.0	0.0	0.0	0.0
Angola			2.5						
Antigua and Barbuda									
Argentina	2 646.0	2 682.0	4 144.0	3 064.0	3 631.0	4 400.0	3 900.0	3 900.0	4 100.0
Armenia		0.3	0.8	1.8	0.6	0.6	0.6	0.7	0.5
Australia	12 077.0	11 716.0	11 641.7	22 690.0	35 687.8	35 687.8	35 687.8	35 688.0	53 016.1
Austria	460.8	479.8	543.6	552.1	671.7	680.0	680.8	705.8	701.2
Azerbaijan		20.3	21.5	37.6	37.6	38.1	38.1	38.1	11.5
Bahamas				0.1	0.1	0.1	0.1	0.0	0.0
Bahrain									
Bangladesh			0.8	6.9	2.2	0.5	0.5	1.4	1.4
Barbados									
Belarus					1.4	6.8	6.7	6.2	5.4
Belgium	23.8	24.4	49.0	68.8	93.1	99.1	102.4	101.8	102.4
Belize		1.8	1.2	0.8	0.1	0.5	0.7	0.5	0.4
Benin		0.3	1.2	2.4	15.2	34.5	48.9	59.5	60.3
Bhutan		0.2		6.9	7.0	4.0	6.0	6.0	3.7
Bolivia (Plurinational State of)		36.0	112.1	114.3	144.2	179.4	179.4	117.4	117.4
Bosnia and Herzegovina		0.4	0.6	0.6	1.7	1.7	2.5	2.5	2.5
Botswana									
Brazil		842.0	932.1	750.0	1 283.0	1 319.0	1 482.0	996.4	1 023.1
Brunei Darussalam									
Bulgaria		2.4	25.6	118.8	215.0	116.0	86.0	110.0	147.8
Burkina Faso		0.3	13.8	23.9	87.5	66.2	79.3	91.2	286.2
Burundi		0.3	0.4	0.2	0.1	0.3	0.5	0.4	1.8
Cabo Verde				0.5	0.5	0.0			
Cambodia		1.0	8.1	12.1	25.8	35.9	21.1	30.7	35.5
Cameroon			0.5	0.4	0.2	0.3	1.6	1.6	2.8
Canada	542.0	578.9	703.7	944.5	1 321.1	1 417.6	1 215.6	1 567.1	1 288.5
Central African Republic									
Chad									
Chile	21.2	22.9	31.7	20.0	20.9	158.5	152.8	187.1	287.9
China		2 301.3	1 393.0	1 616.5	2 225.5	2 445.8	2 765.8	2 911.5	3 438.0

TABLE 57.
AREA UNDER ORGANIC AGRICULTURE (THOUSAND HA) (CONTINUED)

COUNTRY	2004	2005	2010	2015	2019	2020	2021	2022	2023
Colombia		45.7	40.0	31.6	30.5	39.4	100.9	100.9	29.3
Comoros			1.0	1.5	1.2	1.0	0.9	0.7	0.3
Congo									
Costa Rica		9.8	11.1	7.8	8.8	11.5	10.3	12.1	11.0
Côte d'Ivoire			18.1	40.1	66.7	79.1	78.8	78.8	104.2
Croatia	2.2	2.9	23.3	75.9	108.1	108.6	121.9	129.4	119.9
Cuba		15.4	2.1	4.3	2.4	2.1	2.1	2.1	4.9
Cyprus	1.0	1.7	3.6	4.7	6.2	5.9	7.7	7.7	10.5
Czechia	263.3	254.0	448.0	483.0	541.0	543.0	558.0	575.2	594.5
Democratic People's Republic of Korea									
Democratic Republic of the Congo			33.0	94.4	89.0	118.0	89.0	116.0	108.3
Denmark	154.9	134.1	162.9	176.4	295.0	304.0	308.0	305.0	299.0
Djibouti									
Dominica				0.2	0.2		2.9	2.9	2.9
Dominican Republic		72.4	167.9	164.0	134.4	117.3	117.3	196.6	136.8
Ecuador			65.0	45.8	47.8	41.5	52.2	61.6	72.6
Egypt		24.6	82.0	85.8	116.0	116.0	116.0	116.0	116.0
El Salvador		5.3	6.7	13.7	1.7	2.6	2.6	2.1	2.0
Equatorial Guinea									
Eritrea									
Estonia	45.0	58.4	121.0	155.8	220.7	220.8	226.6	231.0	225.0
Eswatini			0.0	0.6	0.8	1.2	3.5	8.7	2.9
Ethiopia			137.0	186.2	209.9	234.7	332.5	238.1	438.7
Fiji		0.1	0.1	10.9	22.6	19.3	30.2	19.1	12.9
Finland	162.0	147.0	169.0	225.0	306.5	316.2	365.4	339.5	305.5
France	534.1	550.5	845.4	1 323.0	2 241.0	2 518.1	2 744.2	2 822.0	2 767.8
Gabon									
Gambia									
Georgia		0.1	1.4	1.5	1.5	1.6	4.3	5.3	5.9
Germany	767.9	807.4	990.7	1 088.8	1 290.8	1 592.7	1 601.3	1 605.5	1 852.7
Ghana		17.3	12.0	23.4	31.2	72.8	38.3	71.5	125.5
Greece	249.5	288.7	309.8	407.1	528.8	534.6	534.6	924.9	924.9
Grenada			0.1	0.1	0.1	0.1	0.2	0.1	0.2
Guatemala		12.1	13.4	13.4	88.2	87.0	71.7	70.2	125.3
Guinea									
Guinea-Bissau				3.4	0.8	9.8	9.8	9.8	9.8
Guyana									
Haiti			0.2	4.5	3.3	2.9	2.7	3.8	3.2
Honduras		1.8	18.0	26.9	29.3	66.2	66.2	66.2	95.4
Hungary	128.6	123.5	127.6	129.7	303.2	301.4	293.6	320.5	320.3
Iceland		5.0	5.9	9.8	9.2	6.0	6.0	4.0	3.0
India		185.9	780.0	1 180.0	2 299.0	2 658.0	2 658.0	4 727.0	4 475.8

TABLE 57.
AREA UNDER ORGANIC AGRICULTURE (THOUSAND HA) (CONTINUED)

COUNTRY	2004	2005	2010	2015	2019	2020	2021	2022	2023
Indonesia		17.8	71.0	130.4	251.6	75.8	83.4	87.2	71.9
Iran (Islamic Republic of)			7.0	14.6	12.0	12.0	7.0	7.0	15.4
Iraq				0.1	0.0	0.0	0.0	0.0	0.1
Ireland	30.7	34.9	47.9	73.0	74.0	74.7	86.9	98.5	179.2
Israel			8.8	4.1	5.3	5.4	5.2	4.7	4.2
Italy	954.0	1 067.0	1 114.0	1 493.0	1 993.0	2 095.0	2 187.0	2 350.0	2 455.6
Jamaica		0.4	0.5	0.2	0.4	0.0	0.0	0.0	0.0
Japan			9.1	10.0	10.8	12.0	12.0	15.3	18.8
Jordan		0.0	1.5	1.7	1.5	1.5	1.5	1.5	1.5
Kazakhstan			133.6	303.4	294.3	114.9	113.2	103.4	191.3
Kenya		2.3	4.8	150.5	154.5	123.7	128.0	178.5	173.1
Kiribati				1.6					
Kuwait				0.0	0.0	0.0	0.0	0.0	0.0
Kyrgyzstan		0.2	15.0	7.6	19.1	30.3	30.3	28.3	19.1
Lao People's Democratic Republic			6.0	1.5	9.0	3.3	8.0	11.5	27.0
Latvia	26.1	118.6	164.1	231.6	289.8	291.1	302.2	312.8	297.1
Lebanon	0.8	2.5	1.2	1.2	1.6	1.7	1.7	1.5	1.4
Lesotho				0.6					
Liberia					0.0		2.8	2.8	7.2
Libya									
Lithuania	38.5	68.8	143.6	213.6	242.1	235.5	261.8	271.3	256.3
Luxembourg		3.2	3.5	4.2	5.8	6.1	6.9	8.3	8.7
Madagascar		2.2	20.3	121.0	76.5	103.8	95.1	112.6	170.3
Malawi		0.3	0.8	0.2	12.3	0.2	0.3	0.3	20.7
Malaysia		1.2	1.6	0.6	1.3	1.3	1.3	1.3	1.4
Maldives									
Mali		14.6	15.2	11.9	11.3	14.7	17.8	17.8	21.3
Malta		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
Marshall Islands									
Mauritania									
Mauritius			0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mexico		307.7	332.5	584.0	302.0	216.0	238.0	432.0	277.3
Micronesia (Federated States of)									
Mongolia					0.1	0.2	0.2	0.9	1.0
Montenegro			3.6	3.3	4.8	4.8	4.4	4.0	4.3
Morocco		1.1	17.0	9.3	9.9	11.5	11.5	18.5	13.3
Mozambique		0.7	5.5	16.2	7.8	14.4	41.0	17.1	16.8
Myanmar			0.1	5.6	12.9	10.1	10.1	10.1	10.1
Namibia			0.1	30.1	0.1		0.4	0.6	0.7
Nauru									
Nepal		1.0	9.8	9.4	9.4	9.4	2.4	25.8	17.0
Netherlands (Kingdom of the)	48.2	48.8	45.8	50.4	68.1	71.6	76.4	80.1	87.9

TABLE 57.
AREA UNDER ORGANIC AGRICULTURE (THOUSAND HA) (CONTINUED)

COUNTRY	2004	2005	2010	2015	2019	2020	2021	2022	2023
New Zealand		46.9	124.5	74.1	88.9	79.3	79.3	79.3	79.3
Nicaragua		51.1	33.6	33.6	43.0	39.1	37.4	30.9	30.9
Niger		0.0	0.1	0.3	0.3				0.7
Nigeria			12.0	5.0	55.1	55.0	58.0	64.3	157.0
North Macedonia		0.3	5.2	2.2	3.7	3.7	7.8	8.7	8.3
Norway	41.0	43.0	57.2	47.6	45.3	45.2	44.9	46.0	46.0
Oman			0.0		0.0	0.0	0.0	0.0	0.0
Pakistan		20.3	22.0	34.2	64.9	69.9	69.9	69.9	107.4
Palau									
Panama	5.2	5.2	3.6	15.2	5.9	5.9	5.9	5.8	5.8
Papua New Guinea			3.2	15.8	24.7	72.5	88.0	19.7	10.2
Paraguay			51.2	64.1	57.6	73.4	113.1	116.7	163.8
Peru			222.4	326.8	394.2	559.7	594.3	529.8	247.2
Philippines			80.0	234.6	168.4	191.8	216.3	228.5	187.4
Poland	83.0	166.0	519.0	580.7	507.6	509.3	549.4	554.6	636.0
Portugal	169.9	211.5	211.0	241.4	211.4	319.5	308.3	308.3	692.7
Qatar									
Republic of Korea		6.1	15.5	18.1	29.7	38.5	40.7	39.6	37.8
Republic of Moldova			5.4	28.7	27.8	27.6	28.4	28.6	41.4
Romania		92.8	183.0	245.9	395.2	468.8	578.7	644.5	694.0
Russian Federation			44.0	385.1	674.0	615.0	655.0	187.0	96.6
Rwanda		0.1	3.6		1.3	5.2	4.7	5.0	5.4
Saint Kitts and Nevis									
Saint Lucia							0.0	0.0	0.1
Saint Vincent and the Grenadines									
Samoa			9.7	27.7	41.1	41.0	41.0	47.2	41.3
San Marino									
Sao Tome and Principe			4.4	6.7	10.9	9.1	9.1	9.3	9.3
Saudi Arabia		12.5	42.4	36.5	24.5	26.6	27.1	23.3	23.4
Senegal			28.2	7.0	6.5	3.8	3.3	3.4	3.4
Serbia			8.7	15.3	21.3	21.0	23.5	25.0	29.0
Seychelles									
Sierra Leone			65.3	15.3	157.5	190.1	194.0	194.7	214.9
Singapore					0.0	0.0	0.0	0.0	0.0
Slovakia			178.2	181.9	197.6	222.9	249.7	248.1	261.1
Slovenia	23.0	23.0	30.7	42.2	49.6	49.8	51.8	53.2	54.6
Solomon Islands			1.3	5.6	4.1	3.4	8.2	7.6	7.6
Somalia									
South Africa		50.0	55.6	34.2	30.2	41.0	97.4	44.8	39.8
South Sudan									
Spain	561.5	622.8	1 434.0	1 968.5	2 354.9	2 437.9	2 799.2	2 843.6	3 161.0
Sri Lanka		10.0	22.3	96.3	70.4	73.4	66.6	68.1	69.8

TABLE 57.
AREA UNDER ORGANIC AGRICULTURE (THOUSAND HA) (CONTINUED)

COUNTRY	2004	2005	2010	2015	2019	2020	2021	2022	2023
Sudan				130.0	74.0	74.0	72.0	70.0	40.3
Suriname				0.0	0.1	0.1	0.1	0.1	0.1
Sweden	222.1	222.7	438.9	519.0	614.0	611.0	607.0	597.0	550.0
Switzerland	114.1	116.7	111.0	135.0	169.0	176.3	180.4	185.2	188.8
Syrian Arab Republic			20.0	20.0	20.0				
Tajikistan			0.4	12.7	10.3	11.8	22.3	64.7	64.4
Thailand		21.7	34.1	45.6	188.5	160.8	168.0	241.5	77.6
Timor-Leste		21.5	24.8	25.2	32.5	32.3	32.3	32.3	31.4
Togo		0.1	3.4	15.3	38.5	127.8	130.9	158.6	322.3
Tonga				2.6	1.1	1.1	1.1	0.3	0.3
Trinidad and Tobago									
Tunisia	157.8	143.1	175.1	145.0	286.6	297.1	279.4	240.6	196.2
Türkiye	210.0	204.0	510.0	515.0	546.0	383.0	352.0	311.0	343.0
Turkmenistan									
Tuvalu									
Uganda		182.0	228.4	241.2	288.7	346.5	505.3	505.3	505.3
Ukraine		242.0	270.2	410.6	468.0	462.2	422.3	263.6	471.2
United Arab Emirates			0.4	4.3	4.6	5.4	5.4	5.4	5.4
United Kingdom of Great Britain and Northern Ireland	659.6	604.7	697.9	508.8	465.4	470.2	486.0	488.1	477.0
United Republic of Tanzania		44.7	72.0	268.7	278.5	198.2	286.6	313.2	223.1
United States of America		1 640.8	1 949.0	2 029.3	2 326.6	2 326.6	2 326.6	2 060.7	2 060.7
Uruguay		759.0	931.0	1 307.4	2 143.6	2 742.4	2 741.9	2 741.0	3 572.3
Uzbekistan			0.1		0.9	3.8	4.9	2.4	2.5
Vanuatu			2.7	9.5	8.4	2.1	6.3	2.3	6.4
Venezuela (Bolivarian Republic of)			0.3			1.5	2.5	2.5	2.5
Viet Nam		6.5	19.3	76.7	61.9	63.5	74.5	31.2	174.6
Yemen									
Zambia		2.9	7.3	8.1	0.2	0.7	3.4	8.9	3.2
Zimbabwe			2.0	1.0	0.9	1.0	1.1	1.5	0.4

Source: FAO. 2025. FAOSTAT: Land Use. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/RL>. Licence: CC-BY-4.0.

TABLE 58.
SHARE OF AREA UNDER ORGANIC AGRICULTURE IN TOTAL AGRICULTURAL AREA (PERCENT)

COUNTRY	2004	2005	2010	2015	2019	2020	2021	2022	2023
World	0.5	0.6	0.7	1.1	1.5	1.6	1.6	1.6	2.1
Africa	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3
Americas	0.3	0.6	0.9	0.8	1.1	1.2	1.2	1.2	1.2
Asia	0.0	0.2	0.2	0.3	0.4	0.4	0.4	0.6	0.6
Europe	1.2	1.4	2.0	2.6	3.4	3.6	3.8	3.9	4.2
Oceania	3.0	2.8	3.0	6.3	9.6	9.7	9.6	9.5	14.2
Afghanistan			0.0	0.0	0.0	0.0	0.0	0.0	0.0
Albania		0.1	0.3		0.1	0.1	0.1	0.1	0.1
Algeria	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Andorra			0.0	0.0	0.0	0.0	0.0	0.0	0.0
Angola			0.0						
Antigua and Barbuda									
Argentina	2.0	2.1	3.3	2.5	3.1	3.7	3.3	3.3	3.5
Armenia		0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Australia	3.1	2.9	3.1	6.5	9.8	10.0	9.8	9.8	14.6
Austria	16.1	16.8	19.6	20.3	25.3	26.1	26.2	27.2	27.0
Azerbaijan		0.4	0.5	0.8	0.8	0.8	0.8	0.8	0.2
Bahamas				0.4	0.4	0.4	0.4	0.4	0.4
Bahrain									
Bangladesh			0.0	0.1	0.0	0.0	0.0	0.0	0.0
Barbados									
Belarus					0.0	0.1	0.1	0.1	0.1
Belgium	1.7	1.8	3.6	5.2	6.9	7.3	7.5	7.5	7.6
Belize		1.2	0.8	0.5	0.0	0.3	0.4	0.3	0.2
Benin		0.0	0.0	0.1	0.3	0.8	1.1	1.2	1.3
Bhutan		0.0		1.3	1.4	0.8	1.2	1.1	0.7
Bolivia (Plurinational State of)		0.1	0.3	0.3	0.4	0.5	0.5	0.3	0.3
Bosnia and Herzegovina		0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2
Botswana									
Brazil		0.4	0.4	0.3	0.5	0.6	0.6	0.4	0.4
Brunei Darussalam									
Bulgaria		0.0	0.5	2.4	4.3	2.3	1.7	2.2	3.0
Burkina Faso		0.0	0.1	0.2	0.6	0.5	0.6	0.6	2.0
Burundi		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Cabo Verde				0.6	0.6	0.0			
Cambodia		0.0	0.2	0.2	0.4	0.6	0.3	0.5	0.6
Cameroon			0.0	0.0	0.0	0.0	0.0	0.0	0.0
Canada	0.9	0.9	1.2	1.6	2.3	2.5	2.1	2.7	2.3
Central African Republic									
Chad									
Chile	0.1	0.1	0.2	0.2	0.2	1.4	1.4	1.8	2.7
China		0.4	0.3	0.3	0.4	0.5	0.5	0.6	0.7

TABLE 58.
SHARE OF AREA UNDER ORGANIC AGRICULTURE IN TOTAL AGRICULTURAL AREA (PERCENT) (CONTINUED)

COUNTRY	2004	2005	2010	2015	2019	2020	2021	2022	2023
Colombia		0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1
Comoros			0.8	1.1	0.9	0.8	0.7	0.5	0.2
Congo									
Costa Rica		0.5	0.6	0.4	0.5	0.7	0.6	0.7	0.6
Côte d'Ivoire			0.1	0.2	0.3	0.3	0.3	0.3	0.4
Croatia	0.2	0.2	1.7	4.9	7.2	7.2	8.3	8.9	8.1
Cuba		0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.1
Cyprus	0.7	1.0	3.1	3.7	5.0	4.6	6.4	6.3	8.1
Czechia	7.3	7.0	12.7	13.8	15.4	15.4	15.8	16.3	16.8
Democratic People's Republic of Korea									
Democratic Republic of the Congo			0.1	0.3	0.3	0.3	0.3	0.3	0.3
Denmark	5.9	5.0	6.2	6.7	11.2	11.6	11.8	11.6	11.4
Djibouti									
Dominica				1.0	1.0		11.6	11.6	11.6
Dominican Republic		3.1	7.3	6.8	5.2	4.7	4.6	7.5	5.1
Ecuador			0.9	0.8	0.9	0.8	1.0	1.2	1.4
Egypt		0.7	2.2	2.3	3.0	2.9	2.9	2.9	2.9
El Salvador		0.4	0.5	1.1	0.1	0.2	0.2	0.2	0.2
Equatorial Guinea									
Eritrea									
Estonia	5.8	6.6	12.8	15.7	22.3	22.4	23.0	23.4	22.8
Eswatini			0.0	0.0	0.1	0.1	0.3	0.7	0.2
Ethiopia			0.4	0.5	0.5	0.6	0.9	0.6	1.1
Fiji		0.0	0.0	3.5	7.2	6.2	9.7	6.1	4.1
Finland	7.2	6.5	7.4	9.9	13.5	13.9	16.1	15.0	13.5
France	1.8	1.9	2.9	4.6	7.9	8.9	9.7	9.9	9.8
Gabon									
Gambia									
Georgia		0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2
Germany	4.5	4.7	5.9	6.5	7.7	9.6	9.7	9.7	11.2
Ghana		0.1	0.1	0.2	0.3	0.6	0.3	0.6	1.0
Greece	3.1	3.6	4.1	6.6	9.0	9.5	9.4	17.2	17.2
Grenada			0.9	1.1	1.0	1.0	2.4	1.3	2.2
Guatemala		0.3	0.3	0.3	1.9	1.9	1.6	1.5	2.7
Guinea									
Guinea-Bissau				0.4	0.1	1.2	1.2	1.2	1.2
Guyana									
Haiti			0.0	0.2	0.2	0.2	0.2	0.2	0.2
Honduras		0.1	0.6	0.8	0.8	1.9	1.9	1.9	2.7
Hungary	2.2	2.1	2.4	2.5	5.7	6.1	5.8	6.3	6.3
Iceland		0.3	0.3	0.5	0.5	0.3	0.3	0.2	0.2
India		0.1	0.4	0.7	1.3	1.5	1.5	2.6	2.5

TABLE 58.
SHARE OF AREA UNDER ORGANIC AGRICULTURE IN TOTAL AGRICULTURAL AREA (PERCENT) (CONTINUED)

COUNTRY	2004	2005	2010	2015	2019	2020	2021	2022	2023
Indonesia		0.0	0.1	0.3	0.5	0.1	0.2	0.2	0.1
Iran (Islamic Republic of)			0.0	0.0	0.0	0.0	0.0	0.0	0.0
Iraq				0.0	0.0	0.0	0.0	0.0	0.0
Ireland	0.7	0.8	1.0	1.6	1.6	1.7	2.0	2.3	4.3
Israel			1.7	0.8	0.8	1.0	1.0	0.9	0.8
Italy	6.4	7.2	7.8	11.5	15.2	16.7	17.6	18.1	18.8
Jamaica		0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0
Japan			0.2	0.2	0.2	0.3	0.3	0.3	0.4
Jordan		0.0	0.1	0.2	0.1	0.1	0.1	0.1	0.1
Kazakhstan			0.1	0.1	0.1	0.1	0.1	0.0	0.1
Kenya		0.0	0.0	0.5	0.5	0.4	0.4	0.6	0.6
Kiribati				4.7					
Kuwait				0.0	0.0	0.0	0.0	0.0	0.0
Kyrgyzstan		0.0	0.1	0.1	0.2	0.3	0.3	0.3	0.2
Lao People's Democratic Republic			0.3	0.1	0.4	0.1	0.4	0.5	1.2
Latvia	1.6	6.8	9.1	12.3	14.8	14.8	15.3	15.9	15.1
Lebanon	0.1	0.4	0.2	0.2	0.2	0.3	0.2	0.2	0.2
Lesotho				0.0					
Liberia					0.0		0.1	0.1	0.4
Libya									
Lithuania	1.5	2.4	5.2	7.1	8.1	8.0	8.9	9.3	8.9
Luxembourg		2.5	2.6	3.2	4.4	4.6	5.2	6.2	6.6
Madagascar		0.0	0.0	0.3	0.2	0.3	0.2	0.3	0.4
Malawi		0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.3
Malaysia		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maldives									
Mali		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Malta		0.1	0.3	0.3	0.5	0.7	0.7	0.8	1.0
Marshall Islands									
Mauritania									
Mauritius			0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mexico		0.3	0.3	0.6	0.3	0.2	0.2	0.4	0.3
Micronesia (Federated States of)									
Mongolia					0.0	0.0	0.0	0.0	0.0
Montenegro			0.7	1.4	1.8	1.9	1.7	1.6	1.6
Morocco		0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0
Mozambique		0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Myanmar			0.0	0.0	0.1	0.1	0.1	0.1	0.1
Namibia			0.0	0.1	0.0		0.0	0.0	0.0
Nauru									
Nepal		0.0	0.2	0.2	0.2	0.2	0.1	0.7	0.5
Netherlands (Kingdom of the)	2.5	2.5	2.4	2.7	3.7	3.9	4.2	4.4	4.9

TABLE 58.
SHARE OF AREA UNDER ORGANIC AGRICULTURE IN TOTAL AGRICULTURAL AREA (PERCENT) (CONTINUED)

COUNTRY	2004	2005	2010	2015	2019	2020	2021	2022	2023
New Zealand		0.4	1.1	0.7	0.9	0.8	0.8	0.8	0.8
Nicaragua		1.0	0.7	0.7	0.8	0.8	0.7	0.6	0.6
Niger		0.0	0.0	0.0	0.0				0.0
Nigeria			0.0	0.0	0.1	0.1	0.1	0.1	0.2
North Macedonia		0.0	0.5	0.2	0.3	0.3	0.6	0.7	0.7
Norway	3.9	4.2	5.7	4.8	4.6	4.6	4.6	4.7	4.7
Oman			0.0		0.0	0.0	0.0	0.0	0.0
Pakistan		0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3
Palau									
Panama	0.2	0.2	0.2	0.7	0.3	0.3	0.3	0.3	0.3
Papua New Guinea			0.3	1.2	1.8	5.2	6.3	1.4	0.7
Paraguay			0.3	0.3	0.3	0.4	0.5	0.5	0.8
Peru			0.9	1.3	1.7	2.3	2.4	2.2	1.0
Philippines			0.7	1.9	1.3	1.5	1.7	1.8	1.5
Poland	0.5	1.0	3.6	4.0	3.5	3.5	3.8	3.9	4.4
Portugal	4.4	5.5	5.8	6.6	5.4	8.1	7.8	7.9	17.4
Qatar									
Republic of Korea		0.3	0.9	1.0	1.8	2.4	2.5	2.5	2.4
Republic of Moldova			0.2	1.2	1.2	1.1	1.2	1.2	1.7
Romania		0.7	1.3	1.8	2.9	3.6	4.4	5.1	5.5
Russian Federation			0.0	0.2	0.3	0.3	0.3	0.1	0.0
Rwanda		0.0	0.2		0.1	0.3	0.2	0.3	0.3
Saint Kitts and Nevis									
Saint Lucia							0.3	0.2	0.6
Saint Vincent and the Grenadines									
Samoa			23.4	36.6	83.1	83.0	83.0	95.5	84.6
San Marino									
Sao Tome and Principe			13.4	18.1	26.0	21.7	21.2	21.6	21.6
Saudi Arabia		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Senegal			0.3	0.1	0.1	0.0	0.0	0.0	0.0
Serbia			0.2	0.4	0.6	0.6	0.7	0.7	0.9
Seychelles									
Sierra Leone			1.7	0.4	4.0	4.8	4.9	4.9	5.4
Singapore					2.3	2.3	2.3	2.3	2.2
Slovakia			9.2	9.6	10.5	11.8	13.5	13.4	14.3
Slovenia	4.7	4.5	4.9	6.8	8.1	8.2	8.5	8.7	8.9
Solomon Islands			1.4	5.5	3.9	3.2	7.6	7.1	7.0
Somalia									
South Africa		0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0
South Sudan									
Spain	1.9	2.1	5.2	7.4	9.0	9.3	10.7	10.7	12.8
Sri Lanka		0.4	0.9	3.5	2.5	2.6	2.4	2.4	2.3

TABLE 58.
SHARE OF AREA UNDER ORGANIC AGRICULTURE IN TOTAL AGRICULTURAL AREA (PERCENT) (CONTINUED)

COUNTRY	2004	2005	2010	2015	2019	2020	2021	2022	2023
Sudan				0.1	0.1	0.1	0.1	0.1	0.0
Suriname				0.0	0.1	0.1	0.1	0.1	0.1
Sweden	7.0	7.0	14.3	17.1	20.4	20.3	20.2	19.9	18.4
Switzerland	7.3	7.5	7.2	8.9	11.2	11.7	12.0	12.4	12.6
Syrian Arab Republic			0.1	0.1	0.1				
Tajikistan			0.0	0.3	0.3	0.3	0.6	1.7	1.7
Thailand		0.1	0.1	0.2	0.8	0.7	0.7	1.0	0.3
Timor-Leste		6.5	7.3	7.4	9.5	9.5	9.5	9.5	9.2
Togo		0.0	0.1	0.4	1.0	3.3	3.4	4.2	8.4
Tonga				7.4	3.2	3.2	3.2	0.9	0.9
Trinidad and Tobago									
Tunisia	1.6	1.5	1.7	1.5	3.0	3.1	2.9	2.5	2.0
Türkiye	0.5	0.5	1.3	1.3	1.4	1.0	0.9	0.8	0.9
Turkmenistan									
Tuvalu									
Uganda		1.4	1.6	1.7	2.0	2.4	3.5	3.5	3.5
Ukraine		0.6	0.7	1.0	1.1	1.1	1.0	0.6	1.1
United Arab Emirates			0.1	1.1	1.2	1.4	1.4	1.4	1.4
United Kingdom of Great Britain and Northern Ireland	3.9	3.6	4.1	3.0	2.7	2.7	2.8	2.8	2.8
United Republic of Tanzania		0.1	0.2	0.7	0.7	0.5	0.7	0.8	0.6
United States of America		0.4	0.5	0.5	0.5	0.5	0.6	0.5	0.5
Uruguay		5.1	6.5	9.0	15.2	19.5	19.5	19.4	25.1
Uzbekistan			0.0		0.0	0.0	0.0	0.0	0.0
Vanuatu			1.4	5.1	4.5	1.1	3.4	1.2	3.4
Venezuela (Bolivarian Republic of)			0.0			0.0	0.0	0.0	0.0
Viet Nam		0.1	0.2	0.6	0.5	0.5	0.6	0.3	1.4
Yemen									
Zambia		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Zimbabwe			0.0	0.0	0.0	0.0	0.0	0.0	0.0

Source: FAO. 2025. FAOSTAT: Land Use. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/RL>. Licence: CC-BY-4.0.

TABLE 59.
WATER STRESS (PERCENT)

COUNTRY	2000	2005	2010	2017	2018	2019	2020	2021	2022
World	17.5	17.9	17.8	18.3	18.3	18.3	18.1	18.0	18.0
Africa									
Americas									
Asia	4.8	5.5	5.5	5.9	5.9	5.9	5.9	5.7	5.7
Europe	14.2	13.9	12.5	12.4	12.4	12.3	12.3	12.3	12.3
Oceania	3.7	3.5	2.7	3.2	3.3	3.0	2.7	3.1	3.2
Afghanistan	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
Albania	11.0	8.4	7.1	6.6	5.8	6.8	4.7	4.8	4.8
Algeria	79.3	92.5	104.9	137.9	141.8	145.7	149.6	140.6	144.8
Andorra									
Angola	1.7	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Antigua and Barbuda	7.6	9.8	8.9	8.5	8.5	8.5	8.5	8.5	8.5
Argentina	8.4	9.4	10.3	10.5	10.5	10.5	10.5	10.5	10.5
Armenia	37.7	55.9	42.9	57.8	54.8	57.8	57.1	59.9	62.0
Australia	8.7	7.5	5.3	4.9	5.0	4.3	3.4	4.5	4.7
Austria	10.1	9.8	9.6	8.9	8.8	8.7	8.7	8.7	8.7
Azerbaijan	48.5	52.1	48.4	53.5	53.7	55.6	53.9	57.3	57.5
Bahamas									
Bahrain	248.9	196.4	173.1	133.7	133.7	133.7	133.7	133.7	133.7
Bangladesh			5.7	5.7	5.7	5.7	5.7	5.7	5.7
Barbados	101.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
Belarus	6.1	5.6	5.1	4.6	4.6	4.5	4.4	4.7	4.7
Belgium	92.5	78.5	73.1	54.0	51.3	51.6	51.9	51.9	51.9
Belize	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Benin	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Bhutan			1.4	1.4	1.4	1.4	1.4	1.4	1.4
Bolivia (Plurinational State of)	1.1	1.2	1.2	1.2	1.2	1.2	0.2	0.2	0.2
Bosnia and Herzegovina	2.5	2.5	2.9	2.7	2.1	2.0	2.0	2.0	2.1
Botswana	2.0	2.0	2.1	2.0	2.1	2.1	2.3	2.4	2.2
Brazil	2.7	2.7	3.5	3.1	1.5	1.5	1.5	1.5	1.5
Brunei Darussalam	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Bulgaria	45.3	47.0	44.1	41.8	40.1	40.1	36.7	38.5	40.2
Burkina Faso	6.2	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
Burundi	10.5	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
Cabo Verde		13.6	25.4	42.0	44.4	49.0	68.9	57.2	59.7
Cambodia			1.0	1.0	1.0	1.0	1.0	1.0	1.0
Cameroon	1.4	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Canada	4.3	4.3	3.8	3.7	3.7	3.7	3.7	3.7	3.7
Central African Republic	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Chad	3.8	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
Chile	7.4	8.7	9.0	9.0	9.0	9.0	9.0	9.0	9.0
China, mainland	40.2	40.5	42.9	43.5	43.3	44.0	41.5	41.5	41.5
Colombia	1.2	1.5	2.5	3.2	3.2	3.3	3.4	3.5	3.6
Comoros	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8

TABLE 59.
WATER STRESS (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2017	2018	2019	2020	2021	2022
Congo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Costa Rica				4.2	5.2	5.4	5.4	5.9	5.9
Côte d'Ivoire	6.2	6.8	5.8	5.1	5.1	5.1	5.1	5.1	5.1
Croatia		1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Cuba	18.0	18.1	20.7	23.9	23.9	23.9	23.9	23.9	23.9
Cyprus	22.0	22.8	27.5	29.5	28.3	27.6	31.6	32.1	30.5
Czechia	32.6	29.6	29.7	24.8	24.2	22.9	20.8	20.5	22.0
Democratic People's Republic of Korea	27.4	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
Democratic Republic of the Congo	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Denmark	20.5	17.0	21.9	24.2	29.9	25.6	25.6	25.9	25.3
Djibouti	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
Dominica	8.3	8.6	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Dominican Republic	27.0	30.2	39.6	39.6	39.6	39.6	39.6	39.6	39.6
Ecuador	6.4	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
Egypt	103.9	119.2	134.4	141.2	141.2	141.2	141.2	141.2	141.2
El Salvador	8.6	13.2	12.9	12.4	12.4	12.3	12.2	12.2	12.1
Equatorial Guinea	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Eritrea	7.9	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
Estonia	15.1	18.0	19.9	19.3	17.4	10.9	9.2	10.8	13.1
Eswatini	75.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
Ethiopia		24.0	27.8	32.3	32.3	32.3	32.3	32.3	32.3
Fiji	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Finland	7.0	14.1	11.5	5.5	6.6	7.1	7.1	7.1	7.1
France	28.6	29.3	25.0	23.6	23.6	23.0	21.6	21.4	21.4
Gabon	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Gambia	2.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Georgia	6.2	5.9	5.8	4.5	4.2	5.1	5.4	5.2	4.2
Germany	61.5	55.3	45.2	38.0	36.9	35.4	35.4	35.4	35.4
Ghana	4.3	4.9	5.5	6.3	6.3	6.3	6.3	6.3	6.3
Greece	18.2	19.5	19.9	20.5	20.5	20.5	20.5	20.4	20.3
Grenada		5.0	6.1	7.1	7.1	7.1	7.1	7.1	7.1
Guatemala		5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7
Guinea	0.9	0.9	1.1	1.3	1.4	1.4	1.4	1.4	1.4
Guinea-Bissau	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Guyana	3.7	3.6	3.3	3.3	3.3	3.3	3.3	3.3	3.3
Haiti	12.4	13.0	13.4	13.4	13.4	13.4	13.4	13.4	13.4
Honduras		4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
Hungary	10.1	9.7	9.3	8.2	8.5	7.7	7.7	7.7	8.1
Iceland	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4
India	62.7	64.6	66.5	66.5	66.5	66.5	66.5	66.5	66.5
Indonesia	15.1	19.7	24.2	29.7	29.7	29.7	29.7	29.7	29.7
Iran (Islamic Republic of)	77.4	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
Iraq	92.7	79.6	66.6	60.5	47.1	79.5	63.3	59.6	59.6
Ireland	4.7	3.9	4.0	6.5	6.9	7.4	7.4	7.6	8.1

TABLE 59.
WATER STRESS (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2017	2018	2019	2020	2021	2022
Israel	139.2	121.3	115.6	103.6	95.9	100.4	110.1	132.0	129.7
Italy	39.7	32.3	29.7	29.8	29.7	29.8	29.8	29.8	29.8
Jamaica	10.5	11.9	13.2	12.3	12.2	12.1	11.1	12.4	12.4
Japan	41.6	38.4	37.2	36.5	36.4	36.1	36.6	36.6	36.6
Jordan	82.6	95.9	98.9	100.4	102.2	104.3	106.1	102.5	105.2
Kazakhstan	29.1	34.4	33.0	31.1	32.7	32.6	34.1	34.0	34.6
Kenya	12.9	21.2	26.5	33.2	33.2	33.2	33.2	33.2	33.2
Kiribati									
Kuwait	1 911.9	2 380.5	2 889.8	3 850.5	3 850.5	3 850.5	3 850.5	3 850.5	3 850.5
Kyrgyzstan	65.5	52.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0
Lao People's Democratic Republic		2.3	3.8	4.8	4.8	4.8	4.8	4.8	4.8
Latvia	1.7	1.3	1.6	1.1	1.1	1.1	1.1	1.1	1.0
Lebanon	41.1	35.6	47.2	58.8	58.8	58.8	58.8	58.8	58.8
Lesotho	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
Liberia	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Libya	615.4	698.1	783.1	817.1	817.1	817.1	817.1	817.1	817.1
Lithuania	21.9	17.0	7.5	1.9	1.8	1.8	1.8	1.8	1.8
Luxembourg	4.9	4.4	4.0	3.8	4.3	4.1	4.0	4.0	4.0
Madagascar	11.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
Malawi	16.0	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Malaysia	2.9	3.0	3.1	3.4	3.4	3.4	3.4	3.4	3.4
Maldives	17.7	14.5	3.4	15.7	15.7	15.7	15.7	15.7	15.7
Mali	7.5	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Malta	61.3	70.7	81.0	91.1	84.6	80.7	81.8	78.5	72.6
Marshall Islands									
Mauritania	15.7	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
Mauritius	22.2	25.1	23.2	22.2	21.5	21.6	22.1	22.0	23.0
Mexico	25.6	28.6	29.9	33.0	44.5	44.7	44.8	45.0	45.0
Micronesia (Federated States of)									
Mongolia	3.6	3.8	3.9	3.4	3.4	3.4	3.4	3.4	3.4
Montenegro									
Morocco	60.5	63.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8
Mozambique	1.0	1.3	1.5	1.8	1.8	1.8	1.8	1.8	1.8
Myanmar	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
Namibia	0.9	0.8	0.6	0.5	0.4	0.4	0.4	0.3	0.3
Nauru									
Nepal	8.4	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
Netherlands (Kingdom of the)	16.0	21.9	20.8	15.0	16.4	17.0	16.8	16.1	16.7
New Zealand	2.8	3.8	4.2	8.1	8.1	8.1	8.1	8.1	8.1
Nicaragua	2.4	2.6	2.6	2.3	2.3	2.2	2.2	2.2	2.2
Niger	3.6	4.2	5.5	6.8	10.4	11.0	11.0	11.0	11.0
Nigeria	8.0	9.0	9.7	9.7	9.7	9.7	9.7	9.7	9.7
North Macedonia	16.8	28.0	22.0	38.7	52.1	38.7	34.9	37.9	52.6
Norway	1.8	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0

TABLE 59.
WATER STRESS (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2017	2018	2019	2020	2021	2022
Oman	92.9	91.1	107.1	116.7	116.7	116.7	116.7	116.7	116.7
Pakistan	105.9	109.8	113.7	122.7	118.2	108.7	116.3	113.0	110.0
Palau									
Panama			0.8	0.9	0.9	0.9	0.9	0.9	0.9
Papua New Guinea	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Paraguay	0.4	1.0	1.6	1.8	1.8	1.8	1.8	1.8	1.8
Peru			3.4	6.5	7.0	7.2	7.2	4.6	4.8
Philippines			25.5	28.1	28.2	26.3	26.7	27.2	27.8
Poland	42.1	41.2	37.6	34.9	33.2	31.1	30.0	32.1	32.5
Portugal	21.4	19.1	18.0	12.4	12.3	12.3	12.3	12.3	12.3
Qatar	282.6	374.1	409.9	431.0	431.0	431.0	431.0	431.0	431.0
Republic of Korea	80.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
Republic of Moldova	20.7	12.7	12.6	12.5	12.4	12.5	12.6	12.6	12.6
Romania	9.0	5.7	5.8	6.3	6.0	6.6	6.9	7.4	7.6
Russian Federation	4.8	4.4	4.4	4.1	4.1	4.1	4.1	4.1	4.1
Rwanda	5.0	8.3	12.5	18.2	19.0	20.2	20.2	20.2	20.2
Saint Kitts and Nevis				50.8	50.8	50.8	50.8	50.8	50.8
Saint Lucia			14.3	14.3	14.3	14.3	14.3	14.3	14.3
Saint Vincent and the Grenadines	9.8	9.5	8.5	7.9	7.9	7.9	7.9	7.9	7.9
Samoa									
San Marino									
Sao Tome and Principe	0.8	1.1	1.5	1.9	1.9	1.9	1.9	1.9	1.9
Saudi Arabia	819.8	894.8	914.5	956.0	974.2	974.2	974.2	974.2	974.2
Senegal	8.5	12.1	12.5	13.2	16.1	16.3	16.3	16.3	16.3
Serbia			5.0	6.1	6.3	6.3	5.8	5.4	5.7
Seychelles									
Sierra Leone	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Singapore	313.9	377.5	219.9	83.2	81.4	82.2	83.1	58.2	33.3
Slovakia	5.0	3.9	2.6	2.4	2.4	2.4	2.4	2.4	2.4
Slovenia		6.2	6.3	6.3	6.5	6.4	6.8	6.3	5.6
Solomon Islands									
Somalia	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
South Africa	40.8	44.2	47.6	62.1	62.9	64.0	65.0	66.9	67.6
South Sudan				4.2	4.2	4.2	4.2	4.2	4.2
Spain	49.2	51.0	47.7	41.0	40.1	39.8	43.3	43.3	43.3
Sri Lanka	91.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
Sudan				118.7	118.7	118.7	118.7	118.7	118.7
Suriname	4.3	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Sweden	3.9	3.8	3.9	3.5	3.5	3.6	3.6	3.6	3.6
Switzerland	9.7	9.0	8.0	6.5	6.5	6.5	6.5	6.5	6.5
Syrian Arab Republic	134.2	126.0	125.2	124.4	124.4	124.4	124.4	124.4	124.4
Tajikistan	81.2	75.1	71.6	52.7	64.5	69.9	69.9	69.9	69.9
Thailand			23.0	23.0	23.0	23.0	23.0	23.0	23.0
Timor-Leste		28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3

TABLE 59.
WATER STRESS (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2017	2018	2019	2020	2021	2022
Togo	2.6	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
Tonga									
Trinidad and Tobago	19.0	18.7	20.1	20.3	20.3	20.3	20.3	20.3	20.3
Tunisia	66.0	72.9	79.1	89.5	96.0	96.3	98.1	98.1	98.1
Türkiye	31.2	29.9	34.9	43.7	45.4	46.3	47.2	43.4	44.1
Türkmenistan	127.9	143.6	144.1	148.7	138.5	142.8	135.2	135.2	135.2
Tuvalu									
Uganda	3.0	4.6	5.8	5.8	5.8	5.8	5.8	5.8	5.8
Ukraine	23.7	19.5	19.2	13.9	13.9	13.7	12.3	10.8	6.3
United Arab Emirates	1 555.9	1 866.7	1 781.5	1 630.0	1 667.3	1 628.7	1 587.3	1 533.3	1 509.9
United Kingdom of Great Britain and Northern Ireland	21.3	22.0	14.1	14.4	14.4	14.4	14.4	14.4	14.4
United Republic of Tanzania	10.7	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
United States of America	30.0	30.3	26.5	28.2	28.2	28.2	28.2	28.2	28.2
Uruguay	9.8	10.3	10.7	11.4	11.5	11.5	11.6	11.8	12.1
Uzbekistan	153.1	141.0	143.1	168.9	160.4	151.8	143.3	121.8	121.8
Vanuatu									
Venezuela (Bolivarian Republic of)	3.0	6.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5
Viet Nam	15.9	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
Yemen	161.1	169.8	169.8	169.8	169.8	169.8	169.8	169.8	169.8
Zambia	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Zimbabwe	35.7	35.9	32.9	31.4	35.4	39.8	46.1	46.1	46.1

Source: FAO. 2025. AQUASTAT: AQUASTAT Dissemination System. [Accessed on 28 October 2025].
<https://data.apps.fao.org/aquastat/?lang=en>. Licence: CC-BY-4.0.

TABLE 60.
CROPLAND NITROGEN BALANCE (KG PER HA)

COUNTRY	2022						CROPLAND NITROGEN BALANCE	
	INPUT: ATMOSPHERIC DEPOSITION	INPUT: BIOLOGICAL FIXATION	INPUT: MANURE APPLIED TO SOILS	INPUT: MINERAL FERTILIZERS	INPUT: SEED	OUTPUT: CROP REMOVAL	2000	2022
World	9.7	25.4	16.4	64.5	1.8	65.3	49.1	52.5
Africa	6.0	10.9	5.5	14.3	1.0	26.6	9.3	11.1
Americas	6.5	61.6	14.4	60.0	1.7	96.0	35.8	48.2
Asia	15.4	21.1	21.8	104.8	2.1	75.1	80.5	90.1
Europe	6.9	5.0	21.1	44.5	2.3	48.7	41.6	31.0
Oceania	1.8	9.3	4.7	49.9	0.7	55.2	4.2	11.2
Afghanistan	2.8	1.0	9.0	4.1	0.8	14.9	5.3	2.7
Albania	6.9	1.8	34.0	34.5	0.8	27.2	62.5	50.7
Algeria	6.1	1.1	3.0	9.6	0.6	19.5	9.1	0.9
Andorra								
Angola	5.2	9.1	10.9	5.4	1.1	21.4	4.2	10.3
Antigua and Barbuda	6.7	0.0	40.3	3.2	0.0	7.1	60.2	43.0
Argentina	5.2	69.4	4.3	35.0	2.0	94.8	11.0	21.1
Armenia	18.6	0.3	8.5	31.8	1.5	19.5	22.7	41.3
Australia	1.8	9.9	4.2	51.4	0.7	56.0	6.0	11.9
Austria	9.9	10.9	61.8	63.8	2.0	85.8	92.3	62.5
Azerbaijan	5.8	0.6	5.3	25.2	2.4	38.4	-6.4	0.8
Bahamas	6.7	8.2	71.1	41.1	0.0	53.4	50.9	73.7
Bahrain	18.6	0.2	52.2	15.5	4.9	27.5	39.1	63.8
Bangladesh	36.9	38.2	33.0	166.7	3.4	108.8	131.2	169.5
Barbados	6.7	20.9	202.2	23.1	2.5	63.9	83.7	191.4
Belarus	6.9	2.8	36.7	81.2	2.6	34.5	67.0	95.8
Belgium	10.2	3.1	163.4	162.4	1.8	94.3	294.6	246.6
Belize	6.7	29.4	8.0	140.0	0.7	83.2	-11.4	101.5
Benin	5.5	13.9	4.7	14.3	1.5	30.2	-0.3	9.6
Bhutan	11.3	5.7	27.6	6.0	0.3	22.0	7.9	28.9
Bolivia (Plurinational State of)	4.2	46.5	18.4	2.9	2.7	50.0	18.7	24.7
Bosnia and Herzegovina	8.1	2.9	22.1	29.6	0.5	28.0	43.2	35.2
Botswana	3.8	4.1	7.2	60.7	0.8	8.9	25.2	67.6
Brazil	8.5	164.0	23.0	88.9	2.2	191.9	43.7	94.8
Brunei Darussalam	18.6	3.8	444.6	24.3	2.0	13.5	276.6	479.8
Bulgaria	8.4	0.8	10.8	101.7	2.1	68.6	37.7	55.2
Burkina Faso	4.7	9.2	6.1	6.3	0.6	23.0	4.9	3.9
Burundi	6.2	19.2	9.9	4.2	1.5	28.3	1.9	12.6
Cabo Verde	6.2	17.2	21.8	5.6	1.0	8.8	71.7	42.8
Cambodia	10.1	20.2	12.3	22.0	1.5	48.7	23.1	17.4
Cameroon	7.6	9.8	5.6	6.0	0.8	26.7	7.1	3.0
Canada	4.6	20.8	5.7	65.6	1.5	63.6	19.2	34.7
Central African Republic	7.3	14.6	8.4	0.0	0.4	17.7	13.6	13.0
Chad	7.3	16.4	12.2	2.5	0.5	18.9	14.2	19.9
Chile	1.5	1.7	43.8	82.2	0.8	48.0	89.0	81.9

TABLE 60.
CROPLAND NITROGEN BALANCE (KG PER HA) (CONTINUED)

COUNTRY	2022						CROPLAND NITROGEN BALANCE	
	INPUT: ATMOSPHERIC DEPOSITION	INPUT: BIOLOGICAL FIXATION	INPUT: MANURE APPLIED TO SOILS	INPUT: MINERAL FERTILIZERS	INPUT: SEED	OUTPUT: CROP REMOVAL	2000	2022
China	24.2	28.1	38.5	192.3	3.1	134.6	169.3	151.6
Colombia	6.6	8.7	65.2	69.7	2.0	63.6	94.0	88.6
Comoros	6.2	11.2	1.4	0.8	0.4	22.4	1.1	-2.3
Congo	7.6	7.0	3.0	3.9	0.3	16.7	7.4	5.0
Costa Rica	4.9	5.4	78.6	139.1	1.5	74.7	138.7	154.8
Côte d'Ivoire	6.2	2.9	1.2	3.6	0.6	18.3	-4.3	-3.8
Croatia	7.0	11.7	29.6	86.6	2.0	79.1	124.0	57.7
Cuba	4.1	3.3	11.4	3.8	0.1	19.2	0.2	3.5
Cyprus	3.1	0.3	42.6	42.5	1.6	17.1	85.7	73.1
Czechia	11.0	4.3	26.6	129.5	2.5	86.6	74.1	87.4
Democratic People's Republic of Korea	11.6	18.2	9.3	6.0	1.6	44.4	73.2	2.3
Democratic Republic of the Congo	6.2	6.9	1.1	1.3	0.4	16.5	0.2	-0.6
Denmark	6.0	4.2	65.5	82.0	1.9	96.7	97.1	62.8
Djibouti	6.2	170.3	160.7	16.7	0.0	159.9	353.3	193.9
Dominica	6.7	0.9	16.7	1.5	0.7	23.3	54.0	3.2
Dominican Republic	4.4	12.4	67.5	77.4	1.0	137.6	32.2	25.1
Ecuador	5.6	7.0	34.3	69.3	0.3	46.8	38.4	69.7
Egypt	7.7	11.5	9.0	321.4	3.5	151.2	211.8	201.9
El Salvador	7.5	8.5	21.7	39.3	1.7	55.6	43.7	23.1
Equatorial Guinea	5.0		1.6	2.5	0.0	13.9	0.0	-4.8
Eritrea	4.4	4.8	8.9	3.9	0.2	10.0	20.5	12.3
Estonia	3.7	11.0	15.3	61.8	2.6	59.1	25.3	35.2
Eswatini	8.2	10.2	9.6	41.8	0.5	122.8	-54.0	-52.5
Ethiopia	11.8	12.7	6.4	24.8	0.7	37.6	13.2	18.8
Fiji	1.8	8.9	26.7	23.4	0.6	58.5	-41.0	2.9
Finland	2.4	3.1	13.4	30.5	2.7	36.5	35.9	15.5
France	11.1	3.6	36.1	79.1	1.4	75.7	90.8	55.6
Gabon	3.8	8.3	7.2	22.2	0.4	14.6	5.4	27.4
Gambia	6.2	16.2	1.9	1.1	1.1	9.2	30.4	17.3
Georgia	5.2	0.8	13.3	58.0	1.8	22.2	43.7	56.9
Germany	15.1	3.9	44.8	68.9	2.0	94.4	102.1	40.3
Ghana	7.6	11.0	3.5	10.2	0.4	40.9	-3.5	-8.2
Greece	5.5	5.1	20.5	58.9	2.0	55.0	42.9	37.0
Grenada	6.7	11.8	19.6	24.1	0.3	38.0	21.8	24.5
Guatemala	5.6	7.4	29.2	58.6	0.8	65.7	40.7	35.7
Guinea	5.1	19.9	2.6	2.7	0.9	19.4	3.9	11.8
Guinea-Bissau	6.2	21.9	12.5	6.6	0.5	21.4	12.9	26.3
Guyana	2.2	9.8	18.0	25.0	1.1	57.5	4.6	-1.4
Haiti	6.7	8.6	18.2	0.3	1.0	19.2	21.4	15.6
Honduras	3.7	5.5	22.0	56.2	0.6	34.5	94.9	53.5
Hungary	10.2	2.1	17.9	74.7	2.1	52.1	56.9	54.9

TABLE 60.
CROPLAND NITROGEN BALANCE (KG PER HA) (CONTINUED)

COUNTRY	2022						CROPLAND NITROGEN BALANCE	
	INPUT: ATMOSPHERIC DEPOSITION	INPUT: BIOLOGICAL FIXATION	INPUT: MANURE APPLIED TO SOILS	INPUT: MINERAL FERTILIZERS	INPUT: SEED	OUTPUT: CROP REMOVAL	2000	2022
Iceland	0.5		32.3	57.5	0.2	1.6	133.1	88.9
India	20.7	34.7	12.6	108.2	2.1	73.3	65.2	105.0
Indonesia	5.5	7.3	23.3	67.4	0.7	59.7	44.7	44.4
Iran (Islamic Republic of)	4.5	3.6	21.0	52.9	1.4	26.7	52.0	56.7
Iraq	3.9	0.1	3.9	29.7	1.0	14.1	56.5	24.5
Ireland	3.2	8.4	125.2	169.3	2.8	119.6	199.3	189.3
Israel	18.6	3.8	20.0	82.5	3.2	36.0	100.8	92.0
Italy	7.9	6.7	41.5	52.2	1.7	43.1	75.5	66.9
Jamaica	6.7	3.1	34.3	20.0	0.9	44.5	24.4	20.5
Japan	8.8	14.3	31.0	64.0	1.0	57.2	75.5	62.0
Jordan	4.4	0.6	13.4	38.2	1.9	27.7	32.7	30.7
Kazakhstan	2.8	2.0	7.1	2.3	1.5	20.2	0.2	-4.6
Kenya	5.4	9.0	10.1	16.3	0.6	29.1	12.7	12.3
Kiribati	1.8		10.1	0.2	0.0	83.5	-35.2	-71.4
Kuwait	18.6		482.3	184.5	10.3	115.4	249.4	580.3
Kyrgyzstan	3.3	7.1	37.3	19.4	2.5	37.7	13.5	31.8
Lao People's Democratic Republic	7.9	16.0	45.5	25.6	2.9	70.0	31.3	27.9
Latvia	4.1	6.9	12.7	67.0	3.0	60.8	29.7	32.9
Lebanon	18.6	4.0	28.2	26.6	1.3	43.8	82.6	34.9
Lesotho	5.0	1.1	4.3	4.4	0.3	4.5	19.9	10.7
Liberia	5.6	12.4	7.2	7.7	0.4	14.7	10.7	18.8
Libya	4.2	0.7	3.1	4.6	0.6	5.9	16.5	7.2
Lithuania	6.0	11.0	13.7	54.3	3.3	68.0	38.3	20.3
Luxembourg	6.9	1.3	44.5	48.0	1.2	58.6	84.3	43.4
Madagascar	3.9	15.3	12.0	3.1	1.1	27.9	5.5	7.5
Malawi	5.4	34.0	28.9	16.4	1.5	47.4	8.1	39.0
Malaysia	4.9	2.2	10.6	43.3	0.3	51.9	24.8	9.4
Maldives	18.6	1.7		35.5	0.0	11.3	-19.0	44.5
Mali	4.5	8.5	4.3	8.0	0.8	28.5	2.3	-2.3
Malta	6.9	0.0	146.0	67.0	0.0	19.2	233.4	200.7
Marshall Islands								
Mauritania	2.5	11.8	20.9	7.7	1.0	20.0	23.4	24.0
Mauritius	6.2	12.7	19.3	87.7	1.3	111.0	-11.2	16.2
Mexico	4.9	5.6	21.8	51.4	0.5	48.5	41.2	35.8
Micronesia (Federated States of)	1.8	1.2	199.1	0.2	3.7	772.7	-135.0	-566.6
Mongolia	1.8	0.1	164.4	12.4	0.6	10.1	93.4	169.1
Montenegro	5.9	6.5	304.9	73.1	0.4	36.6		354.2
Morocco	4.0	2.1	3.7	18.9	0.7	15.1	19.9	14.3
Mozambique	5.1	12.0	6.4	6.5	1.3	21.1	10.2	10.2
Myanmar	9.6	43.9	18.0	23.2	3.0	55.8	35.9	41.9
Namibia	2.9	2.2	7.2	14.4	0.3	6.8	4.3	20.1

TABLE 60.
CROPLAND NITROGEN BALANCE (KG PER HA) (CONTINUED)

COUNTRY	2022						CROPLAND NITROGEN BALANCE	
	INPUT: ATMOSPHERIC DEPOSITION	INPUT: BIOLOGICAL FIXATION	INPUT: MANURE APPLIED TO SOILS	INPUT: MINERAL FERTILIZERS	INPUT: SEED	OUTPUT: CROP REMOVAL	2000	2022
Nauru	1.8		52.9	0.4	0.5	96.3	-33.9	-40.7
Nepal	31.4	36.4	53.6	37.5	2.7	125.4	47.2	36.2
Netherlands (Kingdom of the)	15.2	0.9	133.6	85.1	3.7	79.7	201.3	158.9
New Zealand	2.9	2.5	9.1	60.1	1.1	45.3	4.5	30.3
Nicaragua	4.4	14.6	26.6	28.0	1.1	37.2	19.9	37.6
Niger	4.2	4.8	2.0	0.3	1.0	14.1	2.9	-1.7
Nigeria	6.6	13.0	4.9	7.0	2.2	32.6	-2.0	1.0
North Macedonia	6.5	1.8	23.5	26.8	1.6	34.7	42.7	25.4
Norway	1.8	0.6	59.3	126.3	1.8	35.0	143.9	154.7
Oman	3.2	0.0	13.9	106.9	0.2	62.1	35.9	62.1
Pakistan	15.9	5.4	35.6	117.5	2.5	45.6	68.4	131.2
Palau								
Panama	5.2	6.1	26.6	45.6	0.6	32.7	28.3	51.3
Papua New Guinea	1.4	0.7	12.6	25.1	0.0	41.4	-20.8	-1.6
Paraguay	6.6	95.6	8.2	18.7	1.5	87.1	23.1	43.6
Peru	2.2	4.8	20.6	51.7	0.9	34.2	32.3	45.9
Philippines	3.8	12.2	13.9	60.9	1.3	69.3	22.2	22.9
Poland	12.4	5.6	27.9	61.2	2.8	73.6	47.9	36.4
Portugal	3.0	1.1	50.9	24.7	0.6	18.9	67.2	61.5
Qatar	4.1		136.8	74.1	1.7	14.5	45.2	202.2
Republic of Korea	15.3	19.5	86.3	153.8	1.9	81.3	209.4	195.5
Republic of Moldova	7.0	2.1	14.0	26.0	1.2	29.4	4.4	20.9
Romania	7.2	2.7	21.0	63.4	3.7	51.7	34.4	46.2
Russian Federation	4.7	5.3	9.2	23.2	2.8	35.0	13.5	10.1
Rwanda	6.2	20.5	8.9	12.0	1.1	36.1	-0.6	12.5
Saint Kitts and Nevis	6.7	3.6	26.3	2.5	0.1	14.2	45.8	25.0
Saint Lucia	6.7	0.3	29.1	32.5	0.1	25.2	69.7	43.5
Saint Vincent and the Grenadines	6.7	19.8	31.7	24.1	0.5	72.4	274.1	10.5
Samoa	0.5	0.0	21.2	0.3	0.1	33.7	-28.3	-11.5
San Marino								
Sao Tome and Principe	6.2		16.3	2.5	0.1	10.4	-11.5	14.7
Saudi Arabia	3.2	0.3	7.0	52.5	0.5	10.2	50.6	53.2
Senegal	2.5	33.6	6.4	12.4	2.2	33.9	23.6	23.2
Serbia	7.7	9.3	22.8	87.1	1.7	65.9		62.7
Seychelles	6.2		88.2	19.0	0.2	61.2	43.2	52.4
Sierra Leone	5.1	18.8	4.3	1.4	1.1	21.0	13.0	9.8
Singapore	18.6	0.0	1 111.1	65.2	0.0	188.5	1 770.2	1 006.4
Slovakia	10.0	6.5	17.2	97.8	2.0	68.5	59.7	64.9
Slovenia	7.2	1.6	48.9	61.9	1.4	46.3	172.3	74.6
Solomon Islands	1.8	4.7	4.6	0.2	0.3	39.7	-59.1	-28.2
Somalia	3.0	2.5	17.3	0.1	0.5	6.5	16.5	16.9

TABLE 60.
CROPLAND NITROGEN BALANCE (KG PER HA) (CONTINUED)

COUNTRY	2022						CROPLAND NITROGEN BALANCE	
	INPUT: ATMOSPHERIC DEPOSITION	INPUT: BIOLOGICAL FIXATION	INPUT: MANURE APPLIED TO SOILS	INPUT: MINERAL FERTILIZERS	INPUT: SEED	OUTPUT: CROP REMOVAL	2000	2022
South Africa	4.7	10.1	3.7	45.6	0.3	36.9	12.6	27.7
South Sudan	6.2	9.9	21.6	0.0	0.6	15.4		22.9
Spain	5.8	1.7	35.5	45.2	1.4	30.8	63.4	58.7
Sri Lanka	3.6	13.0	5.8	56.8	1.1	54.1	46.7	26.1
Sudan	4.8	12.9	4.2	6.5	0.3	14.8		13.8
Suriname	1.1	27.6	41.6	74.2	3.0	76.0	76.7	71.3
Sweden	3.7	4.0	28.5	69.8	1.6	56.7	63.9	50.9
Switzerland	9.9	2.7	120.4	77.2	1.6	64.3	149.0	147.5
Syrian Arab Republic	4.8	1.8	0.8	4.7	2.1	13.7	24.1	0.5
Tajikistan	4.1	3.2	58.3	48.2	2.3	64.2	10.6	52.0
Thailand	9.0	15.1	7.4	51.6	1.3	48.9	38.6	35.4
Timor-Leste	18.6	8.3	33.0	0.4	0.3	20.6	28.1	40.0
Togo	9.1	16.5	7.7	8.4	0.5	20.5	7.2	21.7
Tonga	1.8	4.9	22.4	1.9	0.2	40.1	-13.5	-8.9
Trinidad and Tobago	6.7	2.2	196.6	85.5	1.7	15.4	115.4	277.2
Tunisia	5.3	1.8	3.4	19.6	0.3	13.0	13.0	17.5
Türkiye	6.0	4.6	3.7	65.6	1.9	52.4	25.5	29.4
Turkmenistan	2.8	1.1	52.8	273.5	2.5	61.7	26.2	270.9
Tuvalu	1.8		62.3	1.3	0.1	22.0	38.0	43.6
Uganda	9.1	10.5	7.9	1.0	0.6	25.9	3.6	3.3
Ukraine	7.2	6.0	6.3	25.4	1.8	47.0	14.1	-0.2
United Arab Emirates	3.6		35.5	124.3	1.5	27.8	64.0	137.2
United Kingdom of Great Britain and Northern Ireland	8.0	11.5	65.9	114.8	2.3	99.3	149.9	103.2
United Republic of Tanzania	4.8	13.5	4.9	10.2	0.8	25.5	3.5	8.6
United States of America	7.4	47.4	10.3	60.4	1.7	85.7	38.7	41.5
Uruguay	7.7	42.9	13.1	98.3	1.3	57.5	36.8	105.8
Uzbekistan	3.5	2.1	67.0	172.4	2.5	93.8	99.5	153.7
Vanuatu	0.5	1.6	7.3	0.0	0.2	42.2	-21.5	-32.8
Venezuela (Bolivarian Republic of)	6.5	3.7	52.4	27.5	0.2	21.5	61.4	68.6
Viet Nam	12.6	19.6	27.1	131.4	2.6	80.2	157.8	113.1
Yemen	2.9	3.7	8.4	3.7	0.4	18.8	3.7	0.2
Zambia	6.2	19.4	6.7	42.2	0.7	29.1	5.3	46.0
Zimbabwe	3.1	7.3	4.6	11.5	0.5	20.9	16.1	6.0

Source: FAO. 2024. FAOSTAT: Cropland nutrient balance. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/ESB>.
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TABLE 61.
GREENHOUSE GAS EMISSIONS FROM AGRIFOOD SYSTEMS, 2023 (MILLION TONNES CO₂EQ)

COUNTRY	COMPONENT			GREENHOUSE GAS				TOTAL
	FARM GATE	PRE- AND POST- PRODUCTION	LAND-USE CHANGE	CO ₂	CH ₄	N ₂ O	F-GASES	
World	8 097.0	5 248.0	3 190.1	8 042.4	5 626.1	2 381.8	484.8	16 535.1
Africa	1 222.4	405.7	752.2	960.1	938.8	441.4	40.0	2 380.3
Americas	1 872.3	1 114.1	1 836.7	2 764.7	1 371.6	569.4	117.4	4 823.1
Asia	3 676.8	2 864.3	555.0	3 197.6	2 682.9	968.1	247.5	7 096.0
Europe	1 026.8	799.4	41.3	1 026.4	469.5	298.1	73.5	1 867.5
Oceania	298.7	64.5	4.9	93.6	163.4	104.8	6.5	368.2
Afghanistan	16.2	6.5	0.0	2.1	15.9	4.1	0.6	22.7
Albania	2.5	1.4	0.0	0.8	2.1	0.7	0.2	3.9
Algeria	15.6	49.0	0.1	40.5	17.5	6.2	0.6	64.8
Andorra	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
Angola	36.0	5.7	42.2	35.4	27.9	20.5	0.1	83.9
Antigua and Barbuda	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.2
Argentina	150.9	34.8	59.0	92.2	105.7	40.7	6.2	244.8
Armenia	1.4	1.7	0.0	1.2	1.2	0.5	0.2	3.1
Australia	226.9	55.2	1.7	57.5	130.4	90.8	5.1	283.9
Austria	8.6	8.1	1.4	8.4	6.5	2.3	1.0	18.2
Azerbaijan	9.2	7.4	0.0	6.4	6.3	2.9	1.1	16.7
Bahamas	0.0	0.7	0.0	0.4	0.2	0.0	0.1	0.8
Bahrain	0.1	3.9	0.0	3.1	0.6	0.0	0.4	4.0
Bangladesh	113.6	26.8	3.4	32.6	85.9	23.4	1.9	143.8
Barbados	0.1	0.4	0.0	0.2	0.2	0.0	0.1	0.5
Belarus	70.0	16.4	0.0	59.3	12.3	14.6	0.2	86.3
Belgium	11.5	11.2	0.0	11.3	7.2	2.9	1.4	22.7
Belize	0.6	0.5	4.5	4.7	0.6	0.2	0.0	5.5
Benin	6.8	2.7	7.5	8.7	4.9	2.8	0.6	17.0
Bhutan	0.5	0.2	3.6	3.7	0.5	0.1	0.0	4.3
Bolivia (Plurinational State of)	35.3	8.2	71.5	67.3	31.5	13.5	2.7	115.0
Bosnia and Herzegovina	2.1	3.2	0.0	2.1	2.0	0.7	0.6	5.4
Botswana	15.3	1.5	0.0	1.9	8.0	6.5	0.3	16.7
Brazil	613.0	194.4	1 252.3	1 365.9	498.6	181.1	14.1	2 059.8
Brunei Darussalam	0.4	1.1	0.0	1.0	0.2	0.1	0.2	1.5
Bulgaria	6.9	4.8	3.3	8.7	2.8	3.3	0.2	14.9
Burkina Faso	24.3	4.5	17.1	18.4	18.5	8.4	0.6	45.9
Burundi	7.0	1.8	0.0	3.2	3.8	1.6	0.2	8.7
Cabo Verde	0.1	0.2	0.0	0.1	0.2	0.1	0.0	0.3
Cambodia	26.3	4.9	73.0	75.0	24.0	4.7	0.4	104.2
Cameroon	14.5	4.3	61.5	64.2	10.7	5.4	0.0	80.3
Canada	128.1	73.3	92.7	210.6	36.6	41.6	5.3	294.1
Central African Republic	15.6	1.0	40.0	25.1	18.0	13.1	0.3	56.6
Chad	95.7	2.4	21.2	20.9	69.4	28.6	0.4	119.4
Chile	13.6	19.7	2.3	15.4	11.2	5.1	4.0	35.6
China	959.2	1 357.6	0.0	1 155.5	708.0	350.4	102.8	2 316.8
Colombia	75.2	38.7	56.5	79.6	68.0	19.3	3.6	170.4

TABLE 61.
GREENHOUSE GAS EMISSIONS FROM AGRIFOOD SYSTEMS, 2023 (MILLION TONNES CO₂EQ) (CONTINUED)

COUNTRY	COMPONENT			GREENHOUSE GAS				TOTAL
	FARM GATE	PRE- AND POST-PRODUCTION	LAND-USE CHANGE	CO ₂	CH ₄	N ₂ O	F-GASES	
Comoros	0.1	0.1	0.0	0.0	0.2	0.0	0.0	0.2
Congo	5.6	0.9	0.8	4.0	1.9	1.4	0.0	7.3
Costa Rica	6.0	3.1	1.2	2.9	5.5	1.7	0.2	10.3
Côte d'Ivoire	10.1	9.7	33.0	39.3	8.4	3.4	1.7	52.8
Croatia	3.2	4.6	0.0	4.1	2.2	1.2	0.3	7.8
Cuba	9.6	3.4	0.1	2.0	8.1	2.5	0.5	13.1
Cyprus	0.5	1.1	0.0	0.9	0.5	0.2	0.0	1.6
Czechia	8.1	11.7	0.0	9.8	5.2	2.9	1.8	19.8
Democratic People's Republic of Korea	6.4	3.4	0.3	2.9	3.7	1.3	2.1	10.1
Democratic Republic of the Congo	28.2	11.6	178.0	157.0	36.4	22.6	1.8	217.8
Denmark	14.6	3.6	0.0	7.4	6.7	3.9	0.2	18.2
Djibouti	0.8	0.3	0.0	0.1	0.6	0.2	0.1	1.1
Dominica	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
Dominican Republic	11.1	11.0	0.0	6.8	10.9	3.0	1.4	22.1
Ecuador	12.3	9.8	12.2	17.5	13.4	3.2	0.2	34.3
Egypt	31.3	56.4	0.0	40.4	29.4	14.6	3.4	87.7
El Salvador	2.2	3.3	0.0	1.2	3.2	0.8	0.2	5.4
Equatorial Guinea	0.0	0.4	3.8	4.0	0.1	0.0	0.2	4.3
Eritrea	4.9	0.2	0.9	1.0	3.6	1.5		6.0
Estonia	7.8	1.4	0.9	7.6	0.9	1.5	0.1	10.2
Eswatini	1.2	0.8	0.3	1.0	0.8	0.4	0.1	2.3
Ethiopia	142.3	10.4	8.1	15.2	98.6	47.1	0.0	160.8
Fiji	0.7	0.4	0.0	0.3	0.4	0.2	0.2	1.0
Finland	22.2	4.9	0.0	19.3	2.7	4.4	0.7	27.1
France	86.3	54.0	0.0	49.9	48.5	27.7	14.1	140.3
Gabon	1.1	0.8	4.4	5.5	0.4	0.3	0.0	6.3
Gambia	1.2	0.4	0.6	0.6	1.1	0.3	0.1	2.2
Georgia	2.1	3.4	0.0	2.0	1.8	1.7	0.1	5.5
Germany	94.1	82.9	0.0	111.0	39.0	24.2	2.7	177.0
Ghana	11.7	7.0	0.0	2.6	11.1	4.9	0.0	18.7
Greece	10.2	12.7	0.0	9.0	9.2	3.0	1.8	22.9
Grenada	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.1
Guatemala	11.2	7.0	16.0	19.2	10.8	3.9	0.3	34.2
Guinea	25.1	2.0	19.1	20.2	19.1	6.3	0.6	46.2
Guinea-Bissau	1.9	0.4	0.6	0.6	1.6	0.7	0.1	2.9
Guyana	5.8	0.6	8.1	12.1	1.7	0.6	0.1	14.5
Haiti	4.7	7.4	0.0	0.8	5.9	1.3	4.1	12.1
Honduras	7.7	4.4	6.9	8.1	7.7	2.7	0.6	19.0
Hungary	14.3	11.5	0.0	13.9	5.8	4.9	1.3	25.9
Iceland	2.0	0.4	0.0	1.4	0.5	0.3	0.2	2.4
India	1 044.5	367.8	0.8	381.7	758.5	230.8	42.2	1 413.1
Indonesia	397.4	167.1	260.8	527.2	238.7	59.3	0.1	825.3

TABLE 61.
GREENHOUSE GAS EMISSIONS FROM AGRIFOOD SYSTEMS, 202 (MILLION TONNES CO₂EQ) (CONTINUED)

COUNTRY	COMPONENT			GREENHOUSE GAS				TOTAL
	FARM GATE	PRE- AND POST- PRODUCTION	LAND-USE CHANGE	CO ₂	CH ₄	N ₂ O	F-GASES	
Iran (Islamic Republic of)	87.3	70.5	0.0	94.2	43.0	19.3	1.3	157.8
Iraq	8.7	23.1	0.5	12.3	15.8	4.1	0.0	32.2
Ireland	35.4	4.9	0.0	15.7	16.5	7.7	0.4	40.3
Israel	3.4	15.2	0.1	8.7	3.4	1.1	5.6	18.8
Italy	43.5	59.5	0.4	46.3	28.4	10.9	17.8	103.4
Jamaica	0.8	2.4	0.0	1.5	1.4	0.3	0.1	3.2
Japan	44.1	112.4	2.5	120.1	23.1	10.3	5.5	159.0
Jordan	3.1	6.2	0.0	5.3	2.8	0.8	0.4	9.3
Kazakhstan	27.9	24.2	0.0	23.9	19.0	8.5	0.7	52.1
Kenya	53.6	8.5	0.0	1.8	42.8	17.4	0.1	62.2
Kiribati	0.0	0.0	0.0	0.0	0.0	0.0		0.0
Kuwait	1.5	10.8	0.0	7.0	2.0	0.4	2.9	12.3
Kyrgyzstan	6.1	1.7	0.0	0.8	5.2	1.7	0.1	7.8
Lao People's Democratic Republic	12.5	3.5	20.7	18.7	11.4	4.7	1.8	36.7
Latvia	8.7	1.2	0.0	6.4	1.5	1.9	0.0	9.9
Lebanon	0.8	5.6	0.0	1.9	1.9	0.5	2.0	6.3
Lesotho	1.2	0.6	0.0	0.2	0.9	0.4	0.3	1.8
Liberia	0.6	0.7	22.9	23.0	0.9	0.3	0.0	24.3
Libya	4.4	9.2	0.0	8.3	3.2	1.3	0.9	13.6
Lithuania	15.0	6.5	0.0	15.4	2.3	3.6	0.2	21.6
Luxembourg	0.7	0.7	0.0	0.7	0.5	0.2	0.0	1.4
Madagascar	29.2	4.8	33.0	38.3	22.7	6.0	0.0	67.0
Malawi	11.5	1.9	7.3	8.7	5.6	6.1	0.3	20.7
Malaysia	45.7	42.9	54.5	120.0	11.5	6.2	5.4	143.2
Maldives	0.0	0.3	0.0	0.2	0.1	0.0	0.0	0.3
Mali	41.6	2.7	21.7	22.6	29.0	14.0	0.4	66.0
Malta	0.2	0.6	0.0	0.3	0.3	0.0	0.2	0.7
Marshall Islands	0.0	0.0	0.0	0.0	0.0	0.0		0.0
Mauritania	10.8	1.1	0.7	1.5	8.1	2.9	0.0	12.6
Mauritius	0.1	1.7	0.0	0.4	0.2	0.1	1.1	1.8
Mexico	121.8	106.1	15.3	68.6	131.5	36.9	6.2	243.1
Micronesia (Federated States of)	0.1	0.0	0.0	0.0	0.1	0.0		0.1
Mongolia	55.0	4.9	0.0	24.3	22.4	13.1	0.1	59.9
Montenegro	0.4	0.7	0.0	0.4	0.4	0.1	0.1	1.1
Morocco	20.5	25.9	0.3	25.8	13.7	7.1	0.1	46.8
Mozambique	18.2	3.9	46.8	44.2	14.9	9.6	0.2	68.9
Myanmar	75.5	13.7	70.5	81.5	62.9	14.9	0.4	159.7
Namibia	8.5	0.7	0.1	0.8	5.4	3.0	0.2	9.3
Nauru	0.0	0.0	0.0	0.0	0.0	0.0		0.0
Nepal	23.8	5.8	1.3	4.3	20.3	5.2	1.1	31.0
Netherlands (Kingdom of the)	34.9	21.3	0.0	34.5	14.1	6.9	0.7	56.2
New Zealand	44.9	7.1	0.0	9.3	30.1	11.9	0.8	52.0
Nicaragua	13.2	3.1	6.0	6.7	11.9	3.4	0.2	22.2

TABLE 61.
GREENHOUSE GAS EMISSIONS FROM AGRIFOOD SYSTEMS, 2023 (MILLION TONNES CO₂EQ) (CONTINUED)

COUNTRY	COMPONENT			GREENHOUSE GAS				TOTAL
	FARM GATE	PRE- AND POST-PRODUCTION	LAND-USE CHANGE	CO ₂	CH ₄	N ₂ O	F-GASES	
Niger	36.5	3.7	1.8	2.5	27.3	11.7	0.4	41.9
Nigeria	84.9	47.4	44.5	56.9	89.6	29.0	1.4	176.8
North Macedonia	1.0	1.6	0.7	1.6	1.1	0.3	0.3	3.4
Norway	12.1	2.9	0.4	9.2	3.2	2.7	0.3	15.4
Oman	2.4	9.7	0.0	8.8	1.9	0.8	0.6	12.1
Pakistan	236.9	56.9	0.0	23.6	206.2	62.9	1.2	293.8
Palau	0.0	0.0	0.0	0.0	0.0	0.0		0.0
Panama	5.3	4.9	1.5	5.3	4.6	1.2	0.7	11.7
Papua New Guinea	25.2	1.0	2.0	24.7	1.6	1.6	0.2	28.1
Paraguay	31.8	2.7	36.9	37.7	25.2	8.4	0.0	71.4
Peru	28.5	16.4	130.7	137.5	29.7	7.6	0.8	175.6
Philippines	67.7	40.8	0.0	26.4	66.9	10.7	4.6	108.6
Poland	75.8	61.9	0.0	84.5	27.9	23.7	1.6	137.7
Portugal	8.8	10.6	0.0	8.1	8.0	2.1	1.2	19.4
Qatar	0.6	11.1	0.0	8.1	1.0	0.3	2.3	11.8
Republic of Korea	28.6	67.9	1.2	66.4	18.6	5.8	6.9	97.7
Republic of Moldova	2.2	3.5	0.1	2.1	2.5	1.0	0.2	5.8
Romania	17.2	15.9	24.0	36.4	12.2	8.0	0.6	57.2
Russian Federation	192.3	230.9	0.0	258.7	87.2	65.7	11.6	423.2
Rwanda	4.7	3.4	0.0	1.8	4.9	1.3	0.2	8.2
Saint Kitts and Nevis	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
Saint Lucia	0.0	0.2	0.0	0.1	0.1	0.0	0.0	0.3
Saint Vincent and the Grenadines	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
Samoa	0.2	0.1	0.1	0.1	0.1	0.0		0.3
San Marino	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sao Tome and Principe	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
Saudi Arabia	16.1	59.0	0.0	51.0	17.8	5.7	0.6	75.1
Senegal	13.7	5.2	2.2	4.1	11.0	5.1	1.0	21.1
Serbia	6.4	8.9	0.0	6.3	4.9	2.9	1.2	15.3
Seychelles	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.2
Sierra Leone	4.1	0.9	3.5	3.6	3.8	1.1	0.0	8.5
Singapore	0.0	5.3	0.0	3.1	0.2	0.0	2.0	5.3
Slovakia	2.6	4.0	0.0	2.9	2.1	1.2	0.3	6.7
Slovenia	2.0	1.8	0.5	2.1	1.5	0.5	0.1	4.3
Solomon Islands	0.1	0.2	0.5	0.5	0.1	0.0	0.1	0.8
Somalia	23.5	2.1	6.3	6.4	19.9	5.5	0.0	31.9
South Africa	42.6	39.8	0.0	37.2	27.7	14.5	3.1	82.4
South Sudan	57.0	2.0	1.6	9.6	31.0	18.7	1.4	60.6
Spain	48.5	38.6	0.0	33.4	38.9	13.8	1.0	87.1
Sri Lanka	8.0	6.1	0.7	4.2	8.7	1.5	0.4	14.8
Sudan	78.4	9.1	8.9	13.4	56.5	25.0	1.4	96.4
Suriname	1.9	0.4	11.8	13.1	0.6	0.2	0.1	14.0
Sweden	18.6	3.9	9.4	23.0	4.1	4.3	0.5	31.8

TABLE 61.
GREENHOUSE GAS EMISSIONS FROM AGRIFOOD SYSTEMS, 2023 (MILLION TONNES CO₂EQ) (CONTINUED)

COUNTRY	COMPONENT			GREENHOUSE GAS				TOTAL
	FARM GATE	PRE- AND POST- PRODUCTION	LAND-USE CHANGE	CO ₂	CH ₄	N ₂ O	F-GASES	
Switzerland	6.6	8.0	0.0	4.6	5.2	1.6	3.2	14.6
Syrian Arab Republic	7.5	10.1	0.0	2.8	7.9	3.2	3.7	17.5
Tajikistan	7.8	2.0	0.0	0.7	6.7	2.3	0.0	9.8
Thailand	91.8	100.0	55.5	118.2	79.9	24.4	24.8	247.3
Timor-Leste	1.1	0.5	0.2	0.3	1.0	0.2	0.3	1.9
Togo	3.6	2.1	0.6	1.0	3.1	1.8	0.5	6.4
Tonga	0.1	0.0	0.0	0.0	0.1	0.0		0.1
Trinidad and Tobago	0.3	20.7	0.1	18.1	0.8	0.9	1.2	21.0
Tunisia	6.4	10.3	0.2	8.4	5.0	2.5	1.1	16.9
Türkiye	72.6	85.2	0.0	59.1	60.5	32.0	6.3	157.8
Turkmenistan	17.7	5.5	0.0	9.1	8.2	5.8	0.2	23.3
Tuvalu	0.0	0.0	0.0	0.0	0.0	0.0		0.0
Uganda	37.2	15.4	7.4	17.0	25.7	11.2	6.1	60.0
Ukraine	47.4	33.7	0.0	44.9	17.0	18.5	0.7	81.0
United Arab Emirates	5.3	15.8	0.0	15.6	4.0	0.9	0.5	21.1
United Kingdom of Great Britain and Northern Ireland	81.6	44.2	0.0	63.8	36.0	21.8	4.3	125.8
United Republic of Tanzania	81.4	19.6	61.8	65.4	63.0	26.5	7.9	162.8
United States of America	501.6	512.8	19.2	514.1	288.9	170.9	59.7	1 033.6
Uruguay	29.3	2.1	0.0	1.5	22.6	7.1	0.2	31.4
Uzbekistan	47.2	23.1	0.0	22.3	31.6	16.3	0.1	70.3
Vanuatu	0.3	0.1	0.6	0.7	0.2	0.1	0.1	1.0
Venezuela (Bolivarian Republic of)	43.0	16.6	27.5	41.0	32.6	10.3	3.1	87.1
Viet Nam	83.0	56.9	5.0	56.1	61.4	21.5	5.9	144.9
Yemen	9.0	9.1	0.0	1.9	8.5	3.3	4.4	18.1
Zambia	38.7	2.8	23.5	25.2	22.0	17.8	0.0	65.0
Zimbabwe	12.8	5.6	17.5	22.0	8.8	4.7	0.5	35.9

Source: FAO. 2024. FAOSTAT: Emissions totals. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/GT>.

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TABLE 62.
FARM-GATE GREENHOUSE GAS EMISSIONS BY ACTIVITY, 2023 (MILLION TONNES CO₂EQ)

COUNTRY	ENTERIC FERMENTATION	ON-FARM ENERGY USE	DRAINED ORGANIC SOILS	MANURE LEFT ON PASTURE	RICE CULTIVATION	OTHER	TOTAL
World	2 947.2	1 025.4	922.7	804.2	695.0	1 702.6	8 097.0
Africa	565.8	35.7	63.3	260.8	54.9	241.8	1 222.4
Americas	944.1	178.8	124.0	235.1	31.5	358.8	1 872.3
Asia	1 078.1	651.3	367.5	245.4	601.7	732.7	3 676.8
Europe	264.4	147.5	338.6	28.4	6.3	241.6	1 026.8
Oceania	94.8	12.0	29.2	34.5	0.5	127.7	298.7
Afghanistan	10.9	0.1	0.0	2.7	0.5	1.9	16.2
Albania	1.2	0.3	0.1	0.2		0.6	2.5
Algeria	7.8	2.1	0.0	4.4	0.0	1.4	15.6
Andorra			0.0			0.0	0.0
Angola	5.6	0.0	0.4	2.7	0.3	27.0	36.0
Antigua and Barbuda	0.0		0.0	0.0		0.0	0.0
Argentina	89.5	12.6	5.8	23.6	1.4	18.0	150.9
Armenia	0.6	0.3	0.0	0.3		0.2	1.4
Australia	68.3	9.4	3.3	25.8	0.5	119.6	226.9
Austria	4.0	1.2	0.4	0.4		2.7	8.6
Azerbaijan	3.8	2.6	0.0	2.0	0.0	0.8	9.2
Bahamas	0.0		0.0	0.0		0.0	0.0
Bahrain	0.0	0.0	0.0	0.0		0.0	0.1
Bangladesh	33.0	5.6	18.1	6.9	32.4	17.6	113.6
Barbados	0.0	0.0	0.0	0.0		0.0	0.1
Belarus	8.6	4.2	50.1	0.5		6.6	70.0
Belgium	4.7	2.4	0.2	0.4		3.8	11.5
Belize	0.2	0.0	0.2	0.0	0.0	0.2	0.6
Benin	3.3	0.1	0.0	1.6	0.1	1.7	6.8
Bhutan	0.3	0.0	0.0	0.0	0.0	0.1	0.5
Bolivia (Plurinational State of)	21.9	1.4	0.0	6.1	0.4	5.5	35.3
Bosnia and Herzegovina	1.0	0.2	0.1	0.1		0.6	2.1
Botswana	1.1	0.3	0.7	0.5		12.7	15.3
Brazil	393.3	30.6	0.5	101.0	2.7	84.9	613.0
Brunei Darussalam	0.0	0.0	0.3	0.0	0.0	0.0	0.4
Bulgaria	1.5	0.8	1.3	0.2	0.1	3.1	6.9
Burkina Faso	13.2	0.0	0.0	6.3	1.5	3.4	24.3
Burundi	1.7		3.2	0.9	0.4	0.7	7.0
Cabo Verde	0.1		0.0	0.0		0.0	0.1
Cambodia	4.6	0.8	0.0	0.7	15.7	4.5	26.3
Cameroon	6.8	0.0	1.6	3.4	0.3	2.4	14.5
Canada	19.8	23.2	45.5	4.0		35.6	128.1
Central African Republic	5.3		0.1	2.5	0.1	7.6	15.6
Chad	62.8		0.0	25.8	0.3	6.8	95.7
Chile	5.3	2.7	1.2	1.6	0.1	2.6	13.6
China	215.6	260.1	4.6	59.3	143.5	276.0	959.2
Colombia	49.8	0.3	0.8	12.4	3.9	8.1	75.2
Comoros	0.1	0.0	0.0	0.0	0.0	0.0	0.1

TABLE 62.
FARM-GATE GREENHOUSE GAS EMISSIONS BY ACTIVITY, 2023 (MILLION TONNES CO₂EQ) (CONTINUED)

COUNTRY	ENTERIC FERMENTATION	ON-FARM ENERGY USE	DRAINED ORGANIC SOILS	MANURE LEFT ON PASTURE	RICE CULTIVATION	OTHER	TOTAL
Congo	0.4		3.2	0.2	0.0	1.9	5.6
Costa Rica	3.9	0.2	0.1	0.8	0.0	0.9	6.0
Côte d'Ivoire	2.7	0.5	2.4	1.7	0.6	2.1	10.1
Croatia	1.0	0.9	0.0	0.1		1.2	3.2
Cuba	6.3	0.4	0.0	1.7	0.3	0.8	9.6
Cyprus	0.1	0.2	0.0	0.0		0.1	0.5
Czechia	2.7	2.0	0.3	0.2		2.9	8.1
Democratic People's Republic of Korea	1.4	1.3	0.2	0.5	1.9	1.0	6.4
Democratic Republic of the Congo	2.3		0.5	1.2	1.3	22.9	28.2
Denmark	3.7	2.3	2.8	0.3		5.5	14.6
Djibouti	0.5	0.0	0.0	0.2		0.0	0.8
Dominica	0.0	0.0	0.0	0.0		0.0	0.0
Dominican Republic	5.5	1.1	0.0	1.7	1.4	1.4	11.1
Ecuador	6.4	0.4	0.1	1.7	2.0	1.6	12.3
Egypt	6.6	7.1	0.0	3.4	5.0	9.2	31.3
El Salvador	1.4		0.0	0.3	0.0	0.5	2.2
Equatorial Guinea	0.0		0.0	0.0		0.0	0.0
Eritrea	3.3	0.0	0.0	1.4		0.2	4.9
Estonia	0.5	0.4	6.2	0.0		0.5	7.8
Eswatini	0.6	0.2	0.0	0.3	0.0	0.1	1.2
Ethiopia	85.1	0.6	5.8	38.8	0.2	11.7	142.3
Fiji	0.3		0.1	0.1	0.0	0.1	0.7
Finland	1.7	1.8	16.7	0.2		1.8	22.2
France	34.3	13.4	6.8	3.6	0.2	28.0	86.3
Gabon	0.1	0.0	0.6	0.1	0.0	0.3	1.1
Gambia	0.4		0.0	0.2	0.5	0.2	1.2
Georgia	1.1	0.1	0.0	0.6		0.4	2.1
Germany	25.1	11.9	32.7	2.2		22.2	94.1
Ghana	4.3	0.3	0.1	2.5	0.7	3.8	11.7
Greece	3.3	1.9	1.5	1.0	0.4	2.1	10.2
Grenada	0.0	0.0	0.0	0.0		0.0	0.1
Guatemala	7.1	0.0	0.0	1.7	0.0	2.3	11.2
Guinea	9.2		0.8	4.3	7.3	3.5	25.1
Guinea-Bissau	0.9	0.0	0.0	0.4	0.2	0.4	1.9
Guyana	0.2	0.5	3.4	0.1	1.2	0.3	5.8
Haiti	3.2		0.0	0.9	0.2	0.4	4.7
Honduras	5.0	0.1	0.0	1.2	0.0	1.4	7.7
Hungary	2.1	1.9	6.6	0.2	0.0	3.6	14.3
Iceland	0.3	0.7	0.9	0.1		0.1	2.0
India	407.9	231.0	5.0	62.5	141.4	196.8	1 044.5
Indonesia	32.0	1.8	251.5	13.3	60.5	38.3	397.4
Iran (Islamic Republic of)	16.7	47.4	0.0	7.4	4.6	11.1	87.3
Iraq	3.9	0.7	0.0	2.2	0.0	1.9	8.7
Ireland	13.9	1.3	12.8	1.4		6.0	35.4

TABLE 62.
FARM-GATE GREENHOUSE GAS EMISSIONS BY ACTIVITY, 2023 (MILLION TONNES CO₂EQ) (CONTINUED)

COUNTRY	ENTERIC FERMENTATION	ON-FARM ENERGY USE	DRAINED ORGANIC SOILS	MANURE LEFT ON PASTURE	RICE CULTIVATION	OTHER	TOTAL
Israel	0.7	1.9	0.0	0.5		0.3	3.4
Italy	15.2	11.3	0.8	1.7	3.0	11.5	43.5
Jamaica	0.3	0.0	0.3	0.1	0.0	0.1	0.8
Japan	6.2	17.0	5.1	1.4	8.6	5.8	44.1
Jordan	0.6	1.8	0.0	0.4		0.3	3.1
Kazakhstan	14.4	4.0	0.0	3.4	0.6	5.5	27.9
Kenya	34.8	0.2	0.2	15.0	0.1	3.4	53.6
Kiribati	0.0	0.0	0.0	0.0		0.0	0.0
Kuwait	0.2	0.9	0.0	0.3		0.1	1.5
Kyrgyzstan	4.1	0.0	0.0	0.8	0.1	1.1	6.1
Lao People's Democratic Republic	5.5	0.2	0.0	1.0	2.4	3.4	12.5
Latvia	0.8	0.6	6.2	0.1		1.0	8.7
Lebanon	0.2		0.0	0.3		0.2	0.8
Lesotho	0.8	0.0	0.0	0.4		0.1	1.2
Liberia	0.1	0.0	0.1	0.1	0.1	0.2	0.6
Libya	1.8	1.4	0.0	1.0		0.2	4.4
Lithuania	1.4	0.3	11.5	0.1		1.7	15.0
Luxembourg	0.4	0.1	0.0	0.0		0.2	0.7
Madagascar	7.6	0.0	4.5	3.6	10.3	3.2	29.2
Malawi	4.0	0.0	0.9	2.1	0.2	4.4	11.5
Malaysia	1.2	4.1	32.8	0.8	3.1	3.7	45.7
Maldives			0.0			0.0	0.0
Mali	22.9	0.3	0.0	10.8	1.8	5.8	41.6
Malta	0.0	0.1	0.0	0.0		0.0	0.2
Marshall Islands			0.0			0.0	0.0
Mauritania	6.6	0.2	0.0	2.7	0.7	0.6	10.8
Mauritius	0.0	0.0	0.0	0.1	0.0	0.1	0.1
Mexico	66.7	17.5	0.0	19.2	0.1	18.3	121.8
Micronesia (Federated States of)	0.0		0.0	0.0	0.0	0.0	0.1
Mongolia	18.4	0.1	26.4	6.0		4.1	55.0
Montenegro	0.2	0.0	0.0	0.0		0.1	0.4
Morocco	7.4	6.2	0.0	4.4	0.1	2.5	20.5
Mozambique	2.7	0.1	0.0	1.4	0.7	13.3	18.2
Myanmar	18.8	0.4	14.6	3.1	28.3	10.1	75.5
Namibia	3.9	0.3	0.0	1.8		2.4	8.5
Nauru	0.0		0.0	0.0		0.0	0.0
Nepal	11.3	0.6	2.6	2.4	4.2	2.8	23.8
Netherlands (Kingdom of the)	9.3	9.3	8.4	0.8		7.2	34.9
New Zealand	25.4	2.0	2.7	8.5		6.3	44.9
Nicaragua	9.3	0.1	0.0	2.2	0.1	1.4	13.2
Niger	23.9	0.0	0.0	10.5	0.1	2.0	36.5
Nigeria	39.8	0.0	0.0	21.0	13.8	10.2	84.9
North Macedonia	0.5	0.1	0.0	0.1	0.0	0.3	1.0
Norway	2.3	1.5	6.4	0.3		1.5	12.1

TABLE 62.
FARM-GATE GREENHOUSE GAS EMISSIONS BY ACTIVITY, 2023 (MILLION TONNES CO₂EQ) (CONTINUED)

COUNTRY	ENTERIC FERMENTATION	ON-FARM ENERGY USE	DRAINED ORGANIC SOILS	MANURE LEFT ON PASTURE	RICE CULTIVATION	OTHER	TOTAL
Oman	1.3	0.3	0.0	0.6		0.2	2.4
Pakistan	145.1	3.7	0.0	27.3	14.3	46.6	236.9
Palau			0.0			0.0	0.0
Panama	2.5	0.9	0.7	0.7	0.0	0.5	5.3
Papua New Guinea	0.2	0.4	23.1	0.1	0.0	1.4	25.2
Paraguay	21.5		0.0	5.5	0.7	4.1	31.8
Peru	16.8	0.8	0.1	4.5	2.7	3.5	28.5
Philippines	8.6	1.9	0.0	2.0	45.1	10.1	67.7
Poland	13.3	13.2	33.6	0.8		15.0	75.8
Portugal	3.4	1.8	0.3	0.5	0.4	2.4	8.8
Qatar	0.3		0.0	0.2		0.1	0.6
Republic of Korea	5.8	13.2	0.0	1.2	4.2	4.2	28.6
Republic of Moldova	0.4	0.5	0.2	0.1		1.0	2.2
Romania	6.8	1.9	0.6	1.1	0.0	6.8	17.2
Russian Federation	42.1	36.5	63.1	3.7	1.5	45.4	192.3
Rwanda	1.7		1.7	0.8	0.1	0.5	4.7
Saint Kitts and Nevis	0.0	0.0	0.0	0.0		0.0	0.0
Saint Lucia	0.0	0.0	0.0	0.0		0.0	0.0
Saint Vincent and the Grenadines	0.0		0.0	0.0		0.0	0.0
Samoa	0.1	0.0	0.0	0.0		0.1	0.2
San Marino			0.0			0.0	0.0
Sao Tome and Principe	0.0	0.0	0.0	0.0		0.0	0.0
Saudi Arabia	6.8	3.9	0.0	3.3	0.0	2.1	16.1
Senegal	6.1	0.2	0.0	3.2	0.8	3.4	13.7
Serbia	2.3	0.6	0.0	0.3		3.2	6.4
Seychelles	0.0		0.0	0.0		0.0	0.0
Sierra Leone	1.1		0.0	0.6	1.7	0.7	4.1
Singapore	0.0		0.0	0.0		0.0	0.0
Slovakia	0.9	0.3	0.1	0.1		1.3	2.6
Slovenia	0.9	0.3	0.2	0.1		0.5	2.0
Solomon Islands	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Somalia	17.2		0.0	5.3	0.0	1.0	23.5
South Africa	15.0	10.6	0.6	7.5	0.0	9.0	42.6
South Sudan	20.3	0.1	9.9	9.3	0.1	17.4	57.0
Spain	16.2	9.9	0.5	2.4	0.8	18.8	48.5
Sri Lanka	1.7	0.0	1.3	0.3	3.5	1.3	8.0
Sudan	48.7	1.0	0.0	20.9	0.0	7.7	78.4
Suriname	0.1	0.5	0.7	0.0	0.4	0.1	1.9
Sweden	2.8	1.4	11.7	0.3		2.4	18.6
Switzerland	3.5	0.1	0.9	0.3		1.7	6.6
Syrian Arab Republic	3.9	0.6	0.0	2.0		0.9	7.5
Tajikistan	5.0	0.1	0.0	0.9	0.1	1.6	7.8
Thailand	7.9	8.2	1.1	1.8	50.1	22.7	91.8
Timor-Leste	0.6		0.0	0.1	0.2	0.2	1.1

TABLE 62.
FARM-GATE GREENHOUSE GAS EMISSIONS BY ACTIVITY, 2023 (MILLION TONNES CO₂EQ) (CONTINUED)

COUNTRY	ENTERIC FERMENTATION	ON-FARM ENERGY USE	DRAINED ORGANIC SOILS	MANURE LEFT ON PASTURE	RICE CULTIVATION	OTHER	TOTAL
Togo	1.6	0.0	0.0	1.0	0.0	1.1	3.6
Tonga	0.0		0.0	0.0		0.0	0.1
Trinidad and Tobago	0.1	0.0	0.0	0.1	0.0	0.1	0.3
Tunisia	2.1	2.1	0.0	1.5		0.7	6.4
Türkiye	24.8	17.9	0.0	13.7	0.9	15.3	72.6
Turkmenistan	6.9	4.6	0.0	1.8	0.1	4.4	17.7
Tuvalu	0.0	0.0	0.0	0.0		0.0	0.0
Uganda	18.2	0.6	6.1	8.5	0.4	3.5	37.2
Ukraine	5.7	4.8	23.0	0.4	0.0	13.4	47.4
United Arab Emirates	1.5	3.1	0.0	0.6		0.2	5.3
United Kingdom of Great Britain and Northern Ireland	26.1	5.2	31.3	4.3		14.7	81.6
United Republic of Tanzania	42.0	0.2	4.7	19.2	5.2	10.2	81.4
United States of America	159.5	84.6	56.0	31.6	11.3	158.6	501.6
Uruguay	20.0	0.5	0.2	5.3	1.2	2.2	29.3
Uzbekistan	25.5	5.0	0.0	4.3	0.3	12.1	47.2
Vanuatu	0.2		0.0	0.1		0.1	0.3
Venezuela (Bolivarian Republic of)	28.0	0.1	1.7	6.8	1.4	5.2	43.0
Viet Nam	13.0	5.6	4.0	3.2	35.2	22.0	83.0
Yemen	5.5	0.2	0.0	2.9		0.4	9.0
Zambia	4.9	0.2	15.3	2.4	0.1	15.8	38.7
Zimbabwe	6.6	0.7	0.0	3.1	0.0	2.4	12.8

Source: FAO. 2024. FAOSTAT: Emissions totals. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/GT>.

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TABLE 63.
EMISSIONS INTENSITY OF AGRICULTURAL COMMODITIES, 2023 (KG CO₂EQ PER KG)

COUNTRY	MEAT				MILK		EGGS	CEREALS	
	MEAT, CATTLE	MEAT, SHEEP	MEAT, PIG	MEAT, CHICKEN	MILK, WHOLE FRESH SHEEP	MILK, WHOLE FRESH COW	EGGS, HEN, IN SHELL	RICE, PADDY	CEREALS EXCLUDING RICE
World	30.4	22.2	1.6	0.5	5.8	0.9	0.5	0.9	0.1
Africa	58.5	37.3	6.0	1.0	8.4	3.1	0.9	1.4	0.1
Americas	29.5	40.8	2.3	0.3	8.2	0.7	0.4	0.9	0.1
Asia	28.8	15.2	1.1	0.9	5.8	1.1	0.5	0.9	0.1
Europe	17.3	27.5	1.7	0.2	3.0	0.6	0.8	2.0	0.1
Oceania	26.6	26.1	4.4	0.2		0.8	0.4	1.0	0.1
Afghanistan	23.9	12.6		0.4	7.3	3.9	2.4	0.9	0.1
Albania	1.6	4.0	5.4	0.0	4.9	1.5	1.2		0.1
Algeria	7.8	7.6	11.2	1.7	7.5	0.8	0.4	4.5	0.1
Andorra									
Angola	57.7	52.7	5.1	0.5		3.8	1.6	6.9	0.1
Antigua and Barbuda	73.4	817.3	27.8	9.1		2.7	1.0		0.1
Argentina	32.1	61.1	1.6	0.1		0.3	0.3	1.2	0.1
Armenia	6.3	3.7	2.8	0.4	3.3	0.8	0.4		0.1
Australia	30.1	29.8	2.7	0.2		0.7	0.3	1.0	0.1
Austria	13.8	17.3	1.6		0.8	0.7			0.1
Azerbaijan	9.9	15.2	2.3	0.4	2.3	1.1	0.6	1.8	0.1
Bahamas	8.2	47.1	3.3	2.0		2.5	0.7		0.1
Bahrain	4.0	0.5		0.7	2.7	0.9	0.3		
Bangladesh	72.1	88.3		1.9	4.2	1.4	2.0	0.6	0.1
Barbados	94.2	30.8	2.2	1.0		1.8	1.8		0.0
Belarus	16.2	25.2	1.4	0.7		0.7	1.4		0.1
Belgium	15.6		1.7	0.3		0.5			0.1
Belize	102.0	26.9	2.2	0.2		3.4	1.2	0.2	0.1
Benin	58.8	43.6	23.4	0.0		8.6	5.8	0.3	0.1
Bhutan	102.2	91.5	2.2	0.5		2.9	1.0	0.8	0.1
Bolivia (Plurinational State of)	66.6	41.2	5.3	1.4	8.3	1.0	1.1	0.7	0.1
Bosnia and Herzegovina	40.5	227.1	17.0	0.3	4.6	1.1	1.3		0.1
Botswana	18.7	35.0	2.2	0.4		0.3	1.1		0.2
Brazil	40.0	42.6	1.7	0.3		1.1	0.4	0.3	0.1
Brunei Darussalam	0.5	27.4	7.9	2.6		5.3	0.7	2.1	
Bulgaria	50.2	13.2	1.9		4.8	1.0		1.4	0.1
Burkina Faso	82.8	91.2	2.3	0.5	3.9	13.6	1.3	3.0	0.1
Burundi	87.5	228.5	32.1	1.0	14.1	3.8	1.8	1.1	0.1
Cabo Verde	39.6	48.4	7.3	2.4		3.3	0.8		5.1
Cambodia	88.6		5.2	1.7		15.8	1.4	1.3	0.1
Cameroon	60.5	33.7	11.4	1.2	10.6	3.2	0.8	1.0	0.1
Canada	15.2	13.2	2.4	0.3		0.5	0.4		0.1
Central African Republic	55.6	37.7	14.0	4.1		7.6	1.4	1.5	0.2
Chad	84.6	43.0	11.4	3.1	5.8	9.3	1.7	1.7	0.1
Chile	25.7	31.3	1.0	0.2		0.6	0.3	1.1	0.1
China	15.2	11.7	1.0	0.4	7.0	1.0	0.5	0.8	0.1

TABLE 63.
EMISSIONS INTENSITY OF AGRICULTURAL COMMODITIES, 2023 (KG CO₂EQ PER KG) (CONTINUED)

COUNTRY	MEAT				MILK		EGGS	CEREALS	
	MEAT, CATTLE	MEAT, SHEEP	MEAT, PIG	MEAT, CHICKEN	MILK, WHOLE FRESH SHEEP	MILK, WHOLE FRESH COW	EGGS, HEN, IN SHELL	RICE, PADDY	CEREALS EXCLUDING RICE
Colombia	72.6	691.1	4.1	0.3		1.2	0.3	1.4	0.1
Comoros	43.5	56.7		2.3		1.4	1.1	26.2	0.1
Congo	77.5	59.7	21.4	1.4		1.4	2.0	3.7	0.1
Costa Rica	32.1	40.3	1.7	0.6		1.8	0.2	0.2	0.1
Côte d'Ivoire	81.4	50.8	11.0	4.6		18.6	0.5	0.4	0.1
Croatia	18.5	23.7	2.2	0.4	4.6	0.7			0.1
Cuba	78.9	25.3	1.7	3.2		2.0	0.5	2.8	0.1
Cyprus	11.7		2.4			0.3			0.1
Czechia	30.7	21.2	1.4	0.4		0.4			0.1
Democratic People's Republic of Korea	46.6	35.6	2.8	0.0		1.1	0.3	1.2	0.1
Democratic Republic of the Congo	91.8	69.9	9.4	6.7		2.1	1.9	0.9	0.2
Denmark	16.4	40.8	2.6	0.3		0.4	0.8		0.1
Djibouti	56.3	45.6				5.4			0.0
Dominica	23.5	68.1	2.6	1.3		2.7	0.5		0.0
Dominican Republic	79.7	60.9	2.1	2.2		1.7	0.3	1.6	0.1
Ecuador	27.6	13.5	1.0	1.0	5.8	1.0	0.6	1.6	0.1
Egypt	4.3	5.4	7.7	0.4	7.7	0.6	0.5	1.0	0.1
El Salvador	43.4	31.6	14.0	0.3		2.2	0.6	0.2	0.1
Equatorial Guinea	132.6	84.0	10.5	5.0			1.2		
Eritrea	74.7	72.7		2.2	8.8	11.3	1.5		0.1
Estonia	43.5	66.1	2.0	0.2		0.4	0.6		0.1
Eswatini	36.0	23.6	6.7	2.5		6.2	0.9	0.7	0.1
Ethiopia	184.0	64.9	4.0	2.8	11.5	4.2	1.2	1.2	0.1
Fiji	39.2	13.9	30.3	0.3		14.6	0.6	1.1	0.1
Finland	14.4	35.6	1.8	0.4		0.5	0.5		0.1
France	23.1	22.8	1.7	0.5	1.4	0.6		2.6	0.1
Gabon	46.7	57.8	16.1	2.6		1.4	1.5	0.8	0.1
Gambia	131.3	63.3	6.6	2.9		1.4	1.5	8.5	0.1
Georgia	25.2	31.0	1.4	0.9	4.5	1.5	0.4		0.1
Germany	15.5	16.5	1.5	0.3		0.5	0.5		0.1
Ghana	80.8	49.4	7.6	4.1		14.4	2.2	0.6	0.1
Greece	33.5	13.6	3.8		1.9	0.7		2.1	0.1
Grenada	88.8	13.1	1.5	0.3		3.2	0.6		0.1
Guatemala	32.5	65.6	14.3	0.2		3.5	0.4	0.3	0.1
Guinea	114.8	55.3	9.8	9.2	4.1	9.4	1.5	2.2	0.1
Guinea-Bissau	104.5	67.4	10.4	2.3	3.0	11.5	1.4	1.2	0.1
Guyana	60.9	50.6	2.7	1.9		1.8	1.0	1.3	0.1
Haiti	53.4	33.6	6.9	2.3		10.3	0.6	1.3	0.2
Honduras	73.3	35.7	12.0	0.7		1.8	0.5	0.3	0.1
Hungary	55.0	227.5	1.3	0.2	3.8	0.5		2.3	0.1
Iceland	22.4	13.7	1.2	0.0		0.9	0.5		0.1
India		14.9	4.7	0.1		1.0	0.5	0.8	0.1

TABLE 63.
EMISSIONS INTENSITY OF AGRICULTURAL COMMODITIES, 2023(KG CO₂EQ PER KG) (CONTINUED)

COUNTRY	MEAT				MILK		EGGS	CEREALS	
	MEAT, CATTLE	MEAT, SHEEP	MEAT, PIG	MEAT, CHICKEN	MILK, WHOLE FRESH SHEEP	MILK, WHOLE FRESH COW	EGGS, HEN, IN SHELL	RICE, PADDY	CEREALS EXCLUDING RICE
Indonesia	65.0	41.4	11.4	2.8	8.1	2.0	0.4	1.2	0.1
Iran (Islamic Republic of)	12.6	36.8		1.8	7.0	0.5	0.4	1.4	0.1
Iraq	65.6	16.0		2.4	12.0	3.7	0.4	2.2	0.1
Ireland	18.3	17.4	1.4			0.8			0.1
Israel	3.9	1.5	3.6	0.3	2.3	0.1	0.3		0.1
Italy	15.0	24.4	2.4		3.1	0.7		2.2	0.1
Jamaica	37.8	48.9	5.2	0.4		0.9	0.4		0.1
Japan	11.5	24.6	1.0	0.3		0.3	0.3	0.9	0.1
Jordan	1.4	6.7		0.6	4.8	0.3	0.3		0.1
Kazakhstan	23.7	27.0	1.1	0.3		1.0	0.4	1.3	0.1
Kenya	91.5	84.9	5.4	2.1	6.9	2.0	1.1	0.4	0.1
Kiribati			7.0	1.9			2.0		
Kuwait	13.9	3.0		3.3	1.0	0.3	0.7		0.0
Kyrgyzstan	12.7	15.9	0.6	0.0		1.3	0.7	1.6	0.1
Lao People's Democratic Republic	100.7		9.3	4.5		16.5	0.9	0.7	0.1
Latvia	30.4	31.7	2.5	0.2		0.6			0.1
Lebanon	0.8	8.2	2.6	2.0	2.6	0.4	0.4		0.1
Lesotho	279.0	540.7	11.3	1.5		1.3	1.1		0.2
Liberia	41.3	68.1	7.6	2.0		1.5	1.1	0.5	
Libya	17.2	39.9		0.9	7.0	1.6	0.8		0.1
Lithuania	19.6	44.5	2.2	0.3		0.7			0.1
Luxembourg	29.3		1.6			0.5			0.1
Madagascar	261.6	138.5	19.0	3.0		6.2	1.3	2.1	0.1
Malawi	38.1	33.6	6.3	0.6	2.8	4.3	1.3	1.4	0.1
Malaysia	34.3	18.2	2.0	0.5		3.2	0.6	1.5	0.1
Maldives									0.0
Mali	248.6	188.2	32.7	3.4	17.8	13.2	1.8	0.7	0.1
Malta	18.1	3.1	4.0		2.0	0.8			
Marshall Islands									
Mauritania	63.1	45.0		2.5	6.4	5.3	1.8	1.5	0.1
Mauritius	0.2	24.7	9.5	1.1		2.1	0.5		0.0
Mexico	30.6	27.8	2.3	0.4		0.5	0.4	0.5	0.1
Micronesia (Federated States of)	142.7		18.1	2.2			2.4	3.8	0.1
Mongolia	48.4	28.9	4.8	11.5	16.5	6.0	0.5		0.1
Montenegro	13.2	27.3	2.0	0.0	2.1	1.5	1.0		0.1
Morocco	6.6	26.2	3.3	1.5	6.2	1.5	0.3	1.0	0.1
Mozambique	146.8	85.6	2.8	0.4		2.8	1.3	4.8	0.2
Myanmar	154.7	46.5	5.0	0.7	9.9	4.8	0.9	1.2	0.1
Namibia	103.3	55.7	3.8	1.2		4.3	1.8		0.1
Nauru			20.1	0.7			0.0		
Nepal		33.2	6.2	0.9	3.5	1.6	0.8	0.8	0.1
Netherlands (Kingdom of the)	10.9	11.7	2.1	0.2		0.5			0.1

TABLE 63.
EMISSIONS INTENSITY OF AGRICULTURAL COMMODITIES, 2023 (KG CO₂EQ PER KG) (CONTINUED)

COUNTRY	MEAT				MILK		EGGS	CEREALS	
	MEAT, CATTLE	MEAT, SHEEP	MEAT, PIG	MEAT, CHICKEN	MILK, WHOLE FRESH SHEEP	MILK, WHOLE FRESH COW	EGGS, HEN, IN SHELL	RICE, PADDY	CEREALS EXCLUDING RICE
New Zealand	15.3	19.2	2.6	0.3		0.8	0.3		0.1
Nicaragua	59.6	61.3	9.9	0.5		1.9	0.7	0.2	0.1
Niger	270.6	122.8	7.8	3.4	5.4	6.1	2.1	0.6	0.1
Nigeria	75.9	72.5	6.7	1.3		7.9	1.1	1.7	0.1
North Macedonia	37.9	16.5	4.6	0.8	4.0	1.5	1.5	1.3	0.1
Norway	16.2	31.7	1.6	0.4		0.7	0.6		0.1
Oman	27.1	1.1		2.0	4.6	1.2	0.3		0.0
Pakistan	30.5	27.3		3.1	4.4	1.4	0.6	1.0	0.1
Palau									
Panama	37.8		2.6	0.4		2.2	0.4	0.2	0.1
Papua New Guinea	77.6	47.2	12.7	1.5		40.1	1.6	3.2	0.1
Paraguay	57.6	38.3	4.2	0.8		1.1	0.4	0.7	0.1
Peru	49.7	72.1	3.7	0.3		1.1	0.3	0.9	0.1
Philippines	39.9	56.9	1.8	0.1		1.3	1.0	2.3	0.1
Poland	17.2	67.2	1.2	0.2		0.5			0.1
Portugal	30.6	52.2	2.3		1.1	0.6		2.3	0.1
Qatar	139.3	127.7		4.3	4.4	1.4	0.4		0.0
Republic of Korea	20.0	55.2	1.0	0.4		0.3	0.5	0.9	0.1
Republic of Moldova	38.2	66.6	3.3	3.6	4.8	1.0	1.3		0.1
Romania	21.4	15.1	2.0	0.3	5.8	1.1		1.6	0.1
Russian Federation	14.7	27.4	1.2	0.2	201.7	0.7	1.0	1.4	0.1
Rwanda	37.0	20.1	19.9	0.7	2.7	3.7	1.0	0.6	0.1
Saint Kitts and Nevis	52.1	177.3	13.7	1.4			1.2		
Saint Lucia	48.0	19.9	2.6	1.1		1.8	0.5		
Saint Vincent and the Grenadines	15.7	36.3	3.4	3.8		1.8	0.4		0.0
Samoa	66.4		33.0	3.2		4.1	0.9		
San Marino									
Sao Tome and Principe	3.5	215.7	14.9	1.2		1.4	1.7		0.1
Saudi Arabia	14.6	22.3		0.6	7.4	0.1	0.5	3.3	0.1
Senegal	46.3	36.7	6.9	2.5	16.2	6.0	0.9	0.6	0.1
Serbia	10.9	17.8	2.1	0.2	2.0	1.2	1.0		0.1
Seychelles	30.3		2.6	0.4		3.0	0.5		
Sierra Leone	64.2	105.2	35.3	3.7		1.5	2.5	1.3	0.1
Singapore	7.6			0.0			0.4		
Slovakia	67.1	209.7	1.6			0.5			0.1
Slovenia	23.8	25.4	2.5	0.1	2.1	0.7			0.1
Solomon Islands	40.0		10.6	1.3		3.0	1.1	3.6	
Somalia	83.3	26.3	9.8	3.1	3.3	4.8	1.8	2.1	0.2
South Africa	14.0	33.2	1.0	0.3		0.5	0.4	2.8	0.1
South Sudan	49.8	128.7		1.9	10.1	5.6		3.8	0.1
Spain	17.7	35.8	2.3		1.2	0.5		2.4	0.1
Sri Lanka	36.9		26.1	0.2		1.7	0.3	0.8	0.1

TABLE 63.
EMISSIONS INTENSITY OF AGRICULTURAL COMMODITIES, 2023 (KG CO₂EQ PER KG) (CONTINUED)

COUNTRY	MEAT				MILK		EGGS	CEREALS	
	MEAT, CATTLE	MEAT, SHEEP	MEAT, PIG	MEAT, CHICKEN	MILK, WHOLE FRESH SHEEP	MILK, WHOLE FRESH COW	EGGS, HEN, IN SHELL	RICE, PADDY	CEREALS EXCLUDING RICE
Sudan	79.1	14.4		1.8	12.1	5.1	0.8	1.0	0.1
Suriname	37.4	117.4	3.7	1.6		0.9	1.3	2.0	0.0
Sweden	16.9	21.4	1.6			0.5			0.1
Switzerland	15.3	21.8	1.7	0.3	0.7	0.7	0.6		0.1
Syrian Arab Republic	11.9	6.6		0.2	3.6	0.8	0.6		0.1
Tajikistan	10.3	12.5	2.5	1.3		2.7	0.3	0.7	0.1
Thailand	57.1	59.6	2.1	0.4		0.7	0.7	1.6	0.1
Timor-Leste	305.8	126.5	8.3	3.6			0.7	2.5	0.1
Togo	99.9	45.4	20.5	3.9		9.8	1.0	0.3	0.1
Tonga	80.6		23.2	3.3		2.6	2.5		
Trinidad and Tobago	55.7	34.7	3.6	2.9		12.7	1.5	3.8	0.1
Tunisia	4.4	22.5	11.4	2.0	2.5	0.6	1.5		0.1
Türkiye	7.7	8.1		0.4	4.7	0.7	0.5	1.0	0.1
Turkmenistan	13.7	24.3	4.1	1.8		1.1	0.5	1.5	0.1
Tuvalu			56.7	2.5			1.6		
Uganda	62.8	203.8	9.1	1.8		2.5	1.1	1.7	0.1
Ukraine	8.4	15.3	1.6	0.3	6.3	0.7	1.6	1.6	0.1
United Arab Emirates	4.4	86.7		1.4	3.3	1.6	0.5		0.0
United Kingdom of Great Britain and Northern Ireland	18.7	36.0	1.5	0.2		0.6	0.8		0.1
United Republic of Tanzania	68.3	59.5	2.9	0.3		4.7	0.8	1.5	0.1
United States of America	12.8	23.1	2.4	0.2		0.5	0.5	1.2	0.1
Uruguay	37.3	57.2	2.6	2.4		0.8	0.3	0.9	0.1
Uzbekistan	14.0	18.4	1.8	1.1		1.2	0.4	0.8	0.1
Vanuatu	95.8		13.3	1.8		17.8	1.1		0.2
Venezuela (Bolivarian Republic of)	77.5	36.4	6.4	1.0		2.8	0.3	2.0	0.1
Viet Nam	40.0		1.6	0.9		0.8	1.0	0.9	0.1
Yemen	25.3	43.1		1.2	6.4	3.5	0.7		0.1
Zambia	29.0	57.8	11.6	2.4		1.4	1.0	1.7	0.1
Zimbabwe	8.2	32.1	5.8	0.5		4.4	1.2	6.5	0.2

Source: FAO. 2024. FAOSTAT: Emissions intensities. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/EI>.

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TABLE 64.
TEMPERATURE CHANGE MEASURED OVER LAND (DEGREE CELSIUS)

COUNTRY	2000	2005	2010	2015	2020	2021	2022	2023	2024
World	0.76	1.11	1.29	1.41	1.68	1.49	1.39	1.78	2.12
Africa	0.48	1.10	1.51	1.20	1.18	1.40	1.01	1.49	1.75
Americas	0.81	1.08	1.53	1.36	1.31	1.60	1.10	1.80	2.37
Asia	0.68	0.87	1.27	1.31	1.54	1.56	1.74	1.79	2.06
Europe	1.34	1.53	0.80	2.11	3.35	1.59	2.23	2.42	2.43
Oceania	0.11	1.06	0.62	0.95	1.31	0.59	0.72	0.87	1.41
Afghanistan	1.00	0.42	1.67	1.14	0.55	1.42	1.97	1.75	2.19
Albania	1.07	0.20	1.24	1.70	1.63	1.72	1.70	2.30	2.93
Algeria	0.86	1.29	2.27	1.13	2.01	2.42	1.80	2.30	2.82
Andorra	1.05	0.86	0.45	1.66	2.51	1.49	3.20	2.83	2.49
Angola	0.26	1.11	1.14	1.25	0.99	1.39	0.84	1.25	1.30
Antigua and Barbuda	0.49	0.93	1.38	1.04	1.24	0.94	0.85	1.17	1.67
Argentina	-0.26	0.19	0.03	0.86	1.00	0.90	0.53	1.42	0.98
Armenia	1.08	0.51	2.71	1.88	1.89	2.21	1.87	2.25	2.36
Australia	0.09	1.12	0.61	1.02	1.35	0.55	0.68	0.88	1.45
Austria	1.76	0.62	0.67	2.18	2.33	1.42	2.55	2.61	3.27
Azerbaijan	1.08	0.89	2.37	1.66	2.01	2.11	2.23	2.30	2.25
Bahamas	0.15	0.27	0.23	1.11	1.61	0.77	1.38	1.76	1.51
Bahrain	1.12	1.07	2.22	2.39	2.01	2.44	2.00	2.29	2.47
Bangladesh	0.36	0.85	1.05	0.91	1.11	1.50	1.41	1.81	1.64
Barbados	0.58	1.22	1.34	1.20	1.23	1.26	1.07		
Belarus	1.95	1.29	1.46	2.25	3.52	1.71	1.91	2.72	3.55
Belgium	1.49	1.21	0.24	1.38	2.54	1.17	2.77	2.41	2.58
Belize	0.14	0.83	0.82	1.25	1.62	1.23	1.02	1.83	1.75
Benin	0.52	1.23	1.32	1.20	1.14	1.64	1.00	1.49	1.55
Bhutan	0.13	0.76	1.25	0.99	1.08	1.68	1.48	1.79	1.77
Bolivia (Plurinational State of)	0.43	0.83	0.76	1.51	1.34	0.77	0.70	2.19	2.27
Bosnia and Herzegovina	1.55	0.15	1.00	1.86	1.92	1.65	2.18	2.56	3.44
Botswana	-0.34	1.49	1.39	1.87	0.83	0.11	0.40	1.29	1.84
Brazil	0.53	1.16	1.13	1.60	1.50	1.22	1.03	1.69	2.08
Brunei Darussalam	0.35	0.90	0.92	1.12	1.38	1.07	1.09	1.16	1.59
Bulgaria	1.15	0.16	1.31	1.42	1.99	1.57	1.84	2.65	3.11
Burkina Faso	0.53	1.44	1.28	1.14	1.11	1.69	0.87	1.57	1.54
Burundi									
Cabo Verde	0.82	1.25		1.15		1.76	1.84	2.80	2.59
Cambodia	0.19	0.69	1.16	1.10	1.43	0.92	0.97	1.38	2.06
Cameroon	0.39	1.03	1.16	1.11	1.13	1.25	0.94	1.21	1.54
Canada	1.32	1.30	2.93	1.29	1.16	2.53	1.29	2.37	3.37
Central African Republic	0.60	0.89	0.97	0.75	0.82	0.99	0.77	0.82	1.15
Chad	0.31	1.14	1.29	1.07	0.79	1.08	0.43	1.28	1.61
Chile	-0.31	0.12	-0.19	0.65	0.68	0.64	0.24	0.88	0.43
China	0.57	1.04	0.96	1.31	1.67	1.71	1.91	1.89	2.27

TABLE 64.
TEMPERATURE CHANGE MEASURED OVER LAND (DEGREE CELSIUS) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2020	2021	2022	2023	2024
Colombia	0.04	0.83	1.14	1.41	1.61	1.10	0.95	1.57	2.03
Comoros	0.28	0.58	0.85	1.03	1.33	0.95	0.83	1.59	1.80
Congo	0.49	0.87	1.29	1.04	1.34	1.16	1.09	1.23	1.25
Costa Rica	0.04	0.56	0.73	0.94	1.29	0.90	0.81	1.63	1.68
Côte d'Ivoire	0.51	1.11	1.34	1.29	1.47	1.58	1.32	1.82	1.95
Croatia	1.64	0.29	0.87	1.93	2.02	1.62	2.30	2.57	3.38
Cuba	0.32	0.45	0.59	1.35	1.67	1.28	1.44	1.88	1.63
Cyprus	0.65	0.37	2.03	1.14	1.63	1.94	1.18	1.89	2.50
Czechia	1.90	0.74	0.41	2.12	2.34	1.30	2.37	2.50	3.34
Democratic People's Republic of Korea	0.59	0.85	0.37	1.28	1.90	1.89	1.63	2.08	2.66
Democratic Republic of the Congo	0.51	1.09	1.29	1.07	1.54	1.45	1.31	1.28	1.26
Denmark	1.72	1.28	-0.20	1.52	2.63	1.69	2.23	1.88	2.35
Djibouti	0.79	1.11	1.14	1.73	1.36	1.03	1.49	0.71	1.84
Dominica	0.49	0.93	1.38	1.04	1.24	0.94	0.84	1.17	1.67
Dominican Republic	0.36	0.84	1.06	1.16	1.50	1.08	0.96	1.30	1.49
Ecuador	0.12	0.68	0.91	1.57	1.41	0.91	0.80	2.11	2.02
Egypt	0.10	0.51	2.30	1.18	1.01	1.70	0.63	1.88	2.06
El Salvador	0.01	0.55	0.58	1.28	1.46	1.06	0.79	1.50	1.57
Equatorial Guinea	0.42	0.84	0.95	0.76	1.29	1.02	1.05	1.09	1.52
Eritrea	0.50	0.74	1.63	1.77		1.22	0.25		
Estonia	2.04	1.57	0.51	2.34	3.58	2.12	1.94	2.16	2.75
Eswatini	-0.09	1.27	1.29	1.23	0.70	0.52	1.12	0.85	1.03
Ethiopia	0.52	1.04	1.27	1.35	0.94	1.05	1.00	1.07	1.85
Fiji	0.58	0.54	0.66	0.47	1.02	0.85	1.07	0.76	1.02
Finland	2.03	2.20	0.24	2.60	3.32	1.94	2.05	1.88	2.26
France	1.20	1.04	0.40	1.62	2.53	1.31	2.91	2.62	2.42
Gabon	0.37	0.77	1.13	0.89	1.29	1.03	0.90	1.19	1.28
Gambia	0.91	1.52	1.25	1.22	1.85	1.72	1.44	1.79	2.00
Georgia	0.95	0.52	2.40	1.71	1.98	1.72	1.62	2.06	2.39
Germany	1.77	1.02	0.20	1.68	2.51	1.32	2.59	2.46	3.00
Ghana	0.50	1.02	1.25	1.11	1.29	1.53	1.04	1.38	1.72
Greece	0.69	0.22	1.57	0.89	1.28	1.63	1.05	1.89	2.68
Grenada	0.67	1.26	1.39	1.00	1.69	1.28	1.08	1.67	2.27
Guatemala	0.27	0.92	0.78	1.14	1.70	1.43	1.07	1.69	1.88
Guinea	0.71	1.21	1.33	1.15	1.31	1.58	1.18	1.51	1.63
Guinea-Bissau	0.96	1.44	1.19	1.13	1.70	1.66	1.33	1.59	1.71
Guyana	0.85	1.39	1.47	1.86	1.61	1.25	1.29	2.07	2.75
Haiti		0.90	1.02	1.40	1.67	1.26	1.26	1.72	1.76
Honduras	0.01	0.85	0.75	1.08	1.67	1.10	0.81	1.48	1.57
Hungary	1.76	0.25	0.81	2.05	1.98	1.42	2.11	2.53	3.32
Iceland	0.25	0.46	1.18	0.38	0.75	0.89	1.17	0.51	0.04
India	0.33	0.56	1.13	0.69	0.51	0.73	0.78	0.90	1.14

TABLE 64.
TEMPERATURE CHANGE MEASURED OVER LAND (DEGREE CELSIUS) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2020	2021	2022	2023	2024
Indonesia	0.23	0.71	0.74	0.77	1.23	1.02	0.97	1.10	1.47
Iran (Islamic Republic of)	1.16	0.78	2.19	1.82	1.29	2.12	2.26	2.16	2.46
Iraq	0.99	0.54	2.69	1.96	1.92	2.67	2.17	2.05	2.29
Ireland	0.55	1.16	-0.12	0.37	1.00	0.95	1.69	1.54	1.31
Israel	0.30	0.25	2.30	1.37	1.48	1.82	1.11	1.94	2.31
Italy	1.26	0.59	0.79	1.73	1.91	1.60	2.18	2.32	2.80
Jamaica	0.27	0.86	1.32	1.37	1.84	1.50	1.39	1.87	1.92
Japan	0.62	0.72	0.91	0.81	1.41	1.24	1.30	1.82	2.19
Jordan	0.37	0.17	2.60	1.50	1.69	2.00	1.41	1.92	2.18
Kazakhstan	1.49	1.55	1.29	1.58	2.83	1.44	2.70	2.63	2.12
Kenya	0.55	0.93	1.21	1.14	1.16	1.24	1.23	1.42	1.75
Kiribati	0.31		0.49	1.08	1.49	1.21	1.16	1.67	2.06
Kuwait	1.28	0.73	2.53	2.13	2.03	2.72	2.31	2.09	2.48
Kyrgyzstan	1.07	1.18	1.33	1.38	1.35	1.28	2.48	1.93	2.15
Lao People's Democratic Republic	-0.10	0.77	1.25	1.23	1.53	1.08	0.90	1.50	2.03
Latvia	2.01	1.35	0.67	2.14	3.52	1.95	1.93	2.31	3.06
Lebanon	0.53	0.30	2.32	1.38	1.64	2.05	1.29	1.97	2.44
Lesotho	0.30	1.42	1.30	1.77	1.30	1.37	1.69	1.49	1.81
Liberia	0.49	1.03	1.35	1.27	1.45	1.36	1.32	1.36	1.63
Libya	0.30	0.73	1.97	0.70	1.15	1.94	0.60	1.53	2.54
Lithuania	2.03	1.21	0.74	2.09	3.42	1.76	1.94	2.47	3.31
Luxembourg	1.66	1.14	0.33	1.54	2.64	1.16	2.92	2.60	2.76
Madagascar	0.37	0.43	0.92	0.94	1.03	1.12	0.80	1.24	1.21
Malawi	0.95	1.45	1.21	1.32	1.46	1.12	1.26	1.47	1.88
Malaysia	0.28	0.77	0.91	1.13	1.36	1.18	1.09	1.22	1.61
Maldives	0.26	0.90	0.79	0.91	1.04	0.96	0.66	0.89	1.16
Mali	0.65	1.37	1.66	1.10	1.09	1.76	0.95	1.65	1.71
Malta	1.17	0.81	1.35	1.62	1.71	2.20	2.08	2.42	2.98
Marshall Islands	-0.16	0.43	0.49	0.63	0.95	0.67	0.29	0.74	1.03
Mauritania	1.00	1.20	1.85	1.38	1.84	1.78	1.64	2.03	2.19
Mauritius	0.03	0.23	0.71	0.82	0.88	0.77	0.40	1.30	1.39
Mexico	0.56	0.78	0.30	1.10	1.66	1.11	1.20	1.76	1.87
Micronesia (Federated States of)	0.32	0.40	0.60	0.69	1.08	0.78	0.74	1.05	1.23
Mongolia	0.98	0.92	0.32	2.16	2.40	2.02	2.22	2.20	2.62
Montenegro			1.21	1.78	1.76	1.69	1.97	2.51	3.39
Morocco	0.95	1.26	2.09	1.23	2.13	1.80	2.27	2.55	2.66
Mozambique	0.59	1.16	1.11	1.10	1.08	0.84	1.00	1.25	1.50
Myanmar	0.16	0.91	1.18	1.13	1.59	1.64	1.35	1.75	1.96
Namibia	-0.06	0.79	1.22	1.04	0.38	0.03	0.07	0.61	1.13
Nauru									
Nepal	0.10	0.70	1.14	0.56	0.30	0.66	1.02	1.14	1.29
Netherlands (Kingdom of the)	1.61	1.27	0.11	1.30	2.47	1.30	2.59	2.33	2.73

TABLE 64.
TEMPERATURE CHANGE MEASURED OVER LAND (DEGREE CELSIUS) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2020	2021	2022	2023	2024
New Zealand	0.24	0.40	0.56	0.46	0.76	0.82	1.15	0.93	0.63
Nicaragua	0.09	0.70	0.67	1.10	1.30	1.03	0.85	1.49	
Niger	0.72	1.21	1.68	0.93	0.91	1.57	0.53	1.61	1.24
Nigeria	0.59	1.24	1.51	1.26	1.16	1.65	0.97	1.60	1.56
North Macedonia	1.07	0.15	1.36	1.53	1.59	1.71	1.56	2.39	2.99
Norway	1.43	1.75	-0.34	1.77	2.37	1.49	1.90	1.19	1.91
Oman	0.84	1.16	1.54	1.67	0.95	1.74	1.53	1.67	1.81
Pakistan	0.58	0.13	1.22	0.53	0.34	1.03	1.27	1.05	1.48
Palau	0.29	0.40	0.49	1.05		0.91	1.06	1.28	1.73
Panama	0.09	0.65	0.85	0.78	1.37	0.97	0.77	1.50	1.83
Papua New Guinea	0.29	0.53	0.91	0.12	0.93	1.06	1.10	0.72	1.34
Paraguay	0.22	0.62	0.45	1.61	1.53	0.88	0.85	2.07	2.38
Peru	0.39	0.80	1.11	1.35	1.66	1.20	0.69	1.92	1.85
Philippines	0.64	0.79	1.02	1.11	1.45	1.31	1.28	1.44	1.54
Poland	1.90	0.89	0.40	2.00	2.67	1.45	2.04	2.47	3.38
Portugal	0.56	0.88	1.01	1.29	1.87	1.10	2.14	2.41	2.00
Qatar	1.03	0.93	2.06	2.12	1.82	2.25	1.94	2.16	2.35
Republic of Korea	0.42	0.94	0.52	0.99	1.50	1.69	1.53	1.64	2.54
Republic of Moldova	1.49	0.86	1.29	1.94	3.08	1.28	2.13	3.01	3.32
Romania	1.35	0.30	1.15	1.79	2.23	1.40	1.92	2.66	3.27
Russian Federation	1.32	1.70	0.86	2.23	3.68	1.63	2.27	2.51	2.35
Rwanda									
Saint Kitts and Nevis	0.49	0.93	1.38	1.04	1.24	0.94	0.85	1.17	1.67
Saint Lucia	0.59	1.15	1.37	1.07	1.47	1.18	1.01	1.41	1.98
Saint Vincent and the Grenadines	0.67	1.26	1.40	1.00	1.69	1.28	1.08	1.67	2.27
Samoa	0.58	0.87	0.97	0.64	1.07	0.90	0.89	0.92	1.49
San Marino	1.37	0.44	0.70	1.77	1.89	1.45	2.02	2.25	2.89
Sao Tome and Principe	0.49	0.71	1.03	0.83	1.47	1.25	1.16	1.20	1.50
Saudi Arabia	0.77	0.56	2.15	1.94	1.49	2.27	1.83	1.89	2.28
Senegal	0.89	1.41	1.45	1.28	1.77	1.87	1.50	2.00	1.97
Serbia			1.17	1.75	1.82	1.61	1.96	2.56	3.38
Seychelles	0.19	0.47	0.82	1.01	1.31	0.76	0.60	1.04	1.61
Sierra Leone		1.12	1.33	0.86	1.28	1.24	0.98	0.79	1.06
Singapore	0.15	0.63	0.60	1.12	1.02	1.24	0.98	1.29	1.63
Slovakia	1.64	0.41	0.68	2.09	2.02	1.27	1.99	2.42	3.33
Slovenia	1.80	0.49	0.80	2.16	2.27	1.58	2.55	2.64	3.27
Solomon Islands	0.40	0.26	0.62	0.29	1.15	0.83	1.00	1.01	1.22
Somalia	0.55	1.15	1.35	1.72	1.73	1.60	1.60	1.34	2.65
South Africa	0.28	1.19	1.16	1.37	1.00	0.87	1.09	1.17	1.54
South Sudan				1.24	0.56	1.05	0.83	1.39	1.87
Spain	0.75	0.83	0.85	1.44	1.98	1.31	2.37	2.53	2.24
Sri Lanka	0.46	0.73	1.01	0.90	1.11	0.89	0.86	1.02	1.63

TABLE 64.
TEMPERATURE CHANGE MEASURED OVER LAND (DEGREE CELSIUS) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2020	2021	2022	2023	2024
Sudan				1.57	0.53	1.31	0.84	1.50	1.40
Suriname	1.10	2.00	2.18	2.03	2.33	1.96	1.92	2.31	2.97
Sweden	1.72	1.82	-0.29	2.06	2.94	1.84	2.12	1.46	2.01
Switzerland	1.45	0.83	0.48	2.02	2.58	1.24	2.92	2.83	2.91
Syrian Arab Republic	0.65	0.23	2.46	1.29	1.89	2.26	1.55	2.01	2.47
Tajikistan	0.91	0.73	1.33	1.24	1.09	1.03	2.12	1.79	2.03
Thailand	-0.04	0.77	1.18	1.15	1.45	0.98	0.87	1.39	1.98
Timor-Leste		0.95	0.69	0.49	1.36	0.77	0.62	0.30	1.11
Togo	0.61	1.11	1.34	1.18	1.21	1.61	1.02	1.42	1.71
Tonga	0.37	0.75	0.98	0.65	1.42	1.15	0.93	1.26	1.64
Trinidad and Tobago	0.65	1.29	1.40	1.07	1.70	1.29	1.08	1.68	2.27
Tunisia	1.10	1.13	1.86	1.29	2.07	2.59	2.27	2.55	2.95
Türkiye	0.54	0.44	2.39	0.82	1.87	1.91	1.30	2.05	2.77
Türkmenistan	1.34	1.34	1.98	1.48	1.57	1.72	2.59	2.47	2.44
Tuvalu	0.52	0.81	0.94	0.82	1.22	0.71	0.69	1.22	1.40
Uganda	0.39	1.35	1.28	0.98	0.90	1.19	1.11	1.24	1.29
Ukraine	1.43	1.03	1.63	2.06	3.10	1.42	1.91	2.80	3.58
United Arab Emirates	0.73	0.70	1.51	1.60	1.28	1.77	1.55	1.66	1.79
United Kingdom of Great Britain and Northern Ireland	0.71	1.11	-0.07	0.59	1.37	0.93	1.91	1.48	1.49
United Republic of Tanzania	0.49	1.07	1.10	1.15	1.04	1.13	0.96	1.33	1.33
United States of America	1.01	1.16	0.70	1.53	1.32	1.16	1.20	1.20	1.95
Uruguay	0.34	0.82	0.29	1.09	0.92	0.89	0.54	1.65	0.95
Uzbekistan	1.40	1.37	1.79	1.39	1.69	1.51	2.58	2.39	2.10
Vanuatu	0.66	0.42	0.79	0.46	0.99	0.90	1.21	0.78	1.16
Venezuela (Bolivarian Republic of)	0.31	0.91	1.27	1.38	1.59	0.98	0.89	1.45	1.88
Viet Nam	0.11	0.81	1.15	1.26	1.58	1.20	1.12	1.52	2.04
Yemen									
Zambia	0.17	1.22	1.44	1.87	1.22	1.18	0.86	1.28	1.64
Zimbabwe	-0.13	1.28	1.05	1.20	0.67	0.23	0.49	1.01	1.52

Source: FAO. 2025. FAOSTAT: Temperature change on land. [Accessed on 28 October 2025]. <https://www.fao.org/faostat/en/#data/ET>.
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STATISTICAL YEARBOOK

WORLD FOOD AND AGRICULTURE 2025

This publication, prepared by the FAO Statistics Division, offers a synthesis of the major factors at play in the global food and agricultural landscape. Statistics are presented in four thematic chapters, covering the economic importance of agricultural activities, inputs, outputs and factors of production, their implications for food security and nutrition and their impacts on the environment. The Yearbook is meant to constitute a primary tool for policymakers, researchers and analysts, as well as the general public interested in the past, present and future path of food and agriculture.

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