



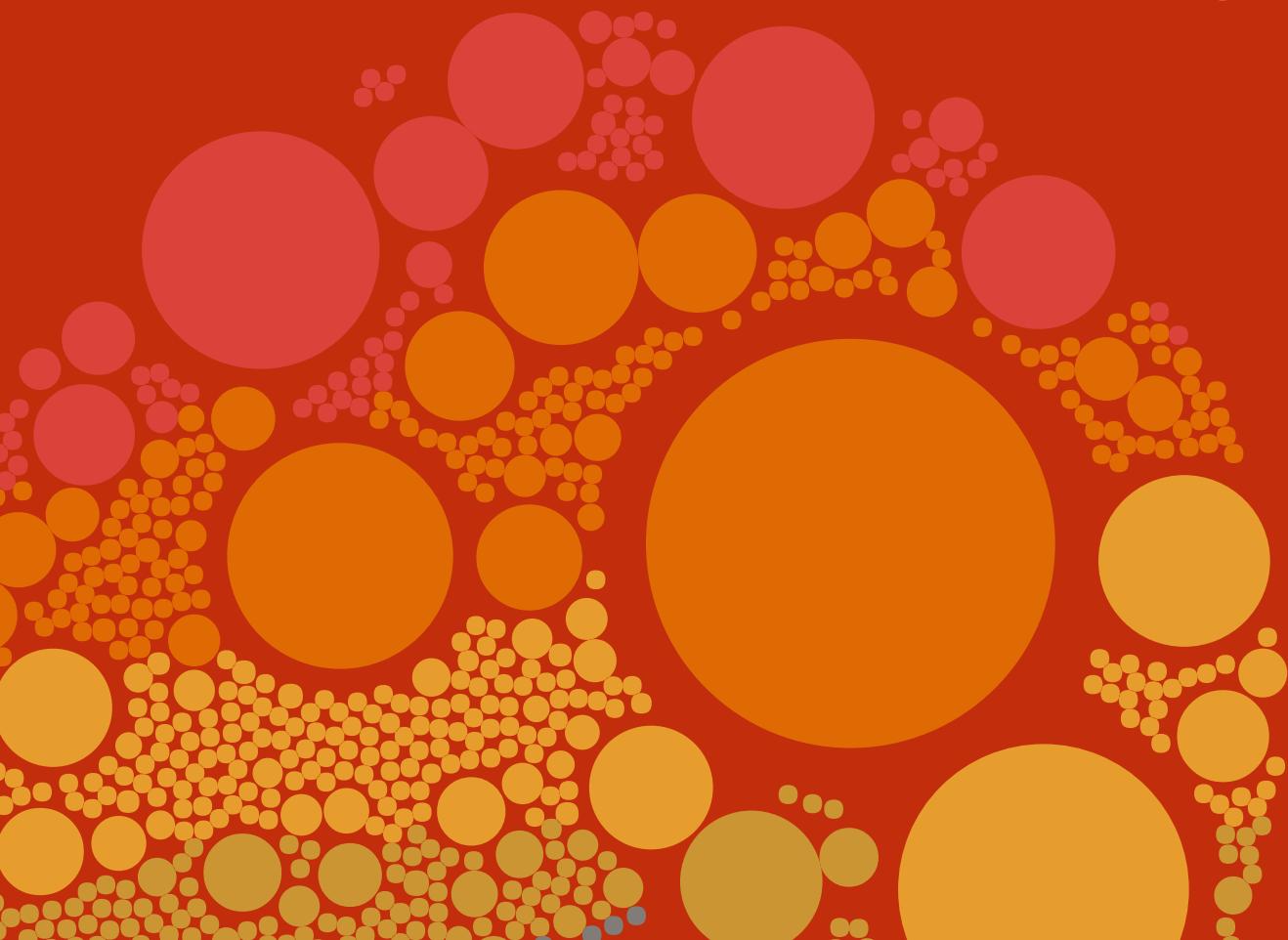
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STATISTICAL YEARBOOK

WORLD FOOD AND AGRICULTURE 2021



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FAO
STATISTICS

AND **WORLD FOOD AGRICULTURE**

STATISTICAL YEARBOOK

2021



Food and Agriculture Organization of the United Nations
Rome, 2021

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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. Furthermore, the COVID-19 pandemic, while hampering national capacities to collect data, has emphasized the pressing need for data and statistics to inform timely responses and monitor trends.

Statistical work has been at the core of FAO's activities and mandate since the Organization was founded in 1945, supporting its Members in eliminating hunger, improving nutrition, eradicating rural poverty, and promoting inclusive and efficient agricultural and food systems. FAO is a leading provider of internationally comparable data on food, nutrition and agriculture, which are gathered from national statistical offices and its network of partner agencies, and harmonized to paint a global picture. All of these data are summarized in this Statistical Yearbook.

The FAO Statistical Yearbook was revamped in 2020 on the occasion of FAO's 75th anniversary, underscoring the importance that FAO assigns to data and statistics as a global public good at the core of our efforts to advance sustainable development. In 2021 the publication has been consolidated as a primary tool and indispensable reference for policy makers, researchers and analysts, as well as laypersons 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, prepared by the 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.

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 2 000 000 users 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 is also involved in strengthening the statistical capacity of countries in order to produce more and better data; setting standards and methodologies; and leveraging big data innovations. FAO is committed to ensuring free access to current, reliable, timely and trusted data, necessary to chart a course towards a more sustainable agriculture and a world free of hunger.

José Rosero Moncayo
Director, Statistics Division

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This statistical yearbook was prepared by the Statistics Division (ESS) of the Food and Agriculture Organization of the United Nations (FAO) in collaboration with the Communications (OCC), Fisheries and Aquaculture (NFI), Forestry (NFO), Land and Water (NSL) and Markets and Trade (EST) divisions. Olivier Lavagne d'Ortigue led the work under the direction of José Rosero Moncayo (ESS Director). We would like to thank the following for their contributions and input: Iana Arkhipova, Veronica Boero, Carlo Cafiero, Giulia Conchedda, Piero Conforti, Christophe Duhamel, Adrienne Egger, Juan Feng, Laura Galeotti, Chiara Gnetti, Amanda Gordon, Leman Yonca Gürbüzer, Dominique Habimana, Irina Kovrova, Suzanne Lapstun, Eun Jeong Lee, Xinman Liu, Livia Lombardi, Jeannie Marshall, Patricia Mejias Moreno, Javier Montero-Serrano, Jean-Marie Munyeshyaka, Griffiths Obli Laryea, Kimberly Sullivan, Salar Tayyib, Francesco Tubiello, Monica Umena, Stefania Vannuccini, Michele Vollaro, Sven Walter and Nathan Wanner.

HOW TO USE THIS YEARBOOK

THE STRUCTURE

The Statistical Yearbook 2021 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 sector as a whole 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 country names have been abbreviated in the data tables and figures. The official Food and Agriculture Organization of the United Nations (FAO) names can be found at <http://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 Part 3 is based on the aggregation rules defined in *The State of Food Security and Nutrition in the World 2021* report (<https://doi.org/10.4060/cb4474en>).

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, and the current threshold is set at 50 percent of the variable and the weighting variable, if present.

DATA PRESENTATION CONVENTIONS

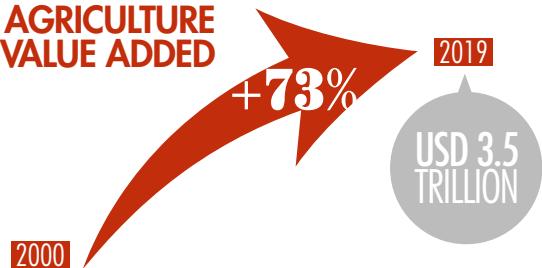
The cut-off date for the data is 1 October 2021.

- 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, 2017–2019* means that the most recent value for the period from 2017 to 2019 is shown.
- A billion is 1 000 million.
- A trillion is 1 000 billion.
- In data 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 to zero at the displayed number of decimal places.
 - <2.5 means a proportion less than 2.5 percent.
 - <0.1 means less than 100 000 people.

CHAPTER 1

KEY FACTS

AGRICULTURE VALUE ADDED



Agriculture value added went up 73% between 2000 and 2019, to around USD 3.5 trillion.

SHARE OF AGRICULTURE IN GLOBAL GDP



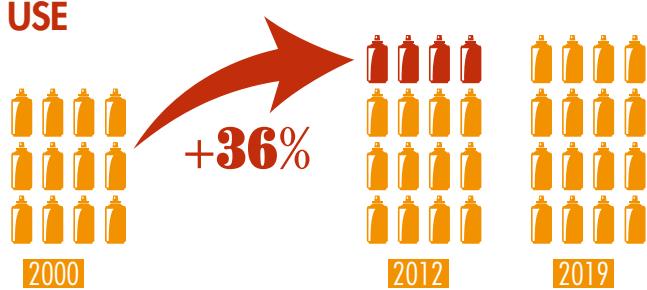
The share of agriculture in global GDP has been stable at around 4% since 2000.

GLOBAL WORKFORCE EMPLOYED IN AGRICULTURE



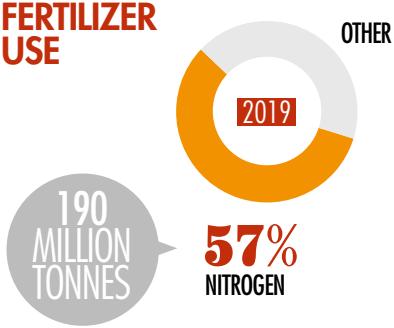
Agriculture employed 874 million people in 2020, or 27% of the global workforce, compared with about 1 050 million (or 40%) in 2000.

PESTICIDE USE



Pesticide use went up 36% between 2000 and 2019, but has plateaued since 2012.

FERTILIZER USE



Agricultural use of inorganic fertilizers in 2019 was about 190 million tonnes of nutrients, of which 57% was nitrogen.

1 ECONOMIC DIMENSIONS OF AGRICULTURE

CONTRIBUTION OF AGRICULTURE, FORESTRY AND FISHING TO THE ECONOMY

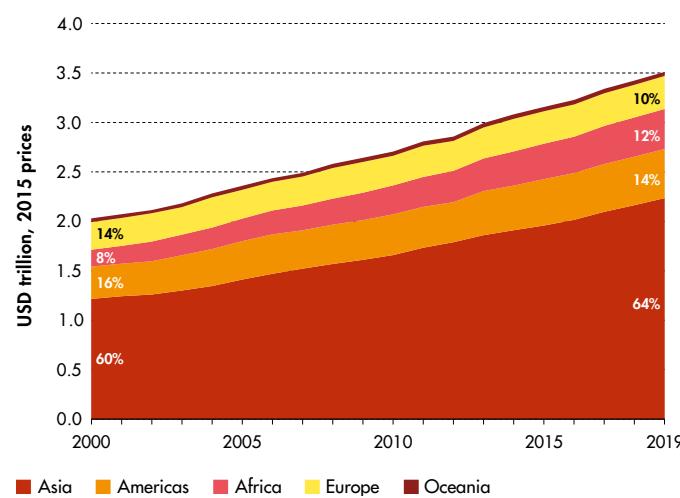
The global value added generated by agriculture, forestry and fishing^a grew by 73 percent in real terms between 2000 and 2019, reaching USD 3.5 trillion in 2018 (see **FIGURE 1**). This represents an increase of USD 1.5 trillion compared with 2000. In Africa, the value added more than doubled over the period, increasing from USD 170 billion to USD 404 billion. Given its size, Asia was the main contributor to

global agriculture, forestry and fishing value added with 64 percent of the world total in 2019: the continent shows an increase of 84 percent, from USD 1.2 trillion in 2000 to USD 2.2 trillion in 2019. The Americas and Europe present an increase of 52 percent and 19 percent respectively in the 2000–2019 period, while Oceania increased its agricultural value added by just 9 percent, having seen it decline since 2016. The countries with the largest agriculture, forestry and fishing

sector in terms of value added in 2019 are China, India and the United States of America (see **TABLE 1**).

As non-agricultural activities outpaced agriculture, the global contribution of agriculture to gross domestic product (GDP) declined, which is expected to accompany the growth of total GDP (see **FIGURE 2**). The share of value added from agriculture, forestry and fishing fell between 2000 and 2019 in all regions except Africa: from 1.8 percent in 2000 to

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

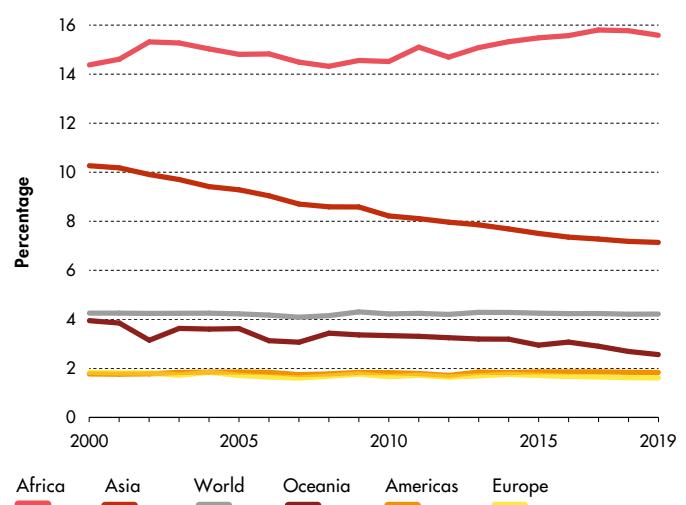


Source: FAOSTAT

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

<https://doi.org/10.4060/cb4477en-fig01>

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



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-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.

1.6 percent in 2019 in Europe, from 10.3 percent to 7.1 percent in Asia, and from 3.9 percent to 2.6 percent in Oceania (it remained virtually unchanged in the Americas at 1.8 percent). It rose in Africa from 14.3 percent to 15.6 percent over the period, but with a marginal decline between 2018 and 2019. This trend, which is seldom observed, is due to increases in the GDP share of agriculture in a number of countries – Algeria, Angola, Benin, Chad, the Congo, Eritrea, Gabon, Guinea, Mali, Morocco, the Niger, Nigeria, Sierra Leone and Togo. These countries account for about half the total value added from agriculture, forestry and fishing in Africa in 2019 (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 2019, the global agricultural land area was 4.8 billion hectares (ha), down 3 percent, or 0.13 billion ha compared with 2000 (see FIGURE 3 and TABLE 3). Between 2000 and 2019, roughly two-thirds of agricultural land were used for permanent meadows and pastures (3.2 billion ha in 2019), which declined by 6 percent (0.19 billion ha). One-third of the total agricultural land was cropland (1.6 billion ha in 2019), which increased by 4 percent (0.06 billion ha). Although agricultural land decreased since 2000, it increased on average by 0.1 percent each year over the 1961–2019 period, with a significant expansion up to the 1990s.¹

The regional breakdown of the global cropland area varied marginally between 2000 and 2019 (see FIGURE 4). Asia had the largest share of the global cropland area in 2019 (38 percent), followed

by the Americas (24 percent), Europe (19 percent), Africa (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 (24 percent and 20 percent, respectively), while Asia had more moderate growth (5 percent).

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 country area.^b In 2019, 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 share of global cropland was in India (11 percent), followed by the United States of America (10 percent) and China (9 percent). Extensive grasslands

FIGURE 3.
WORLD AGRICULTURAL LAND BY USE

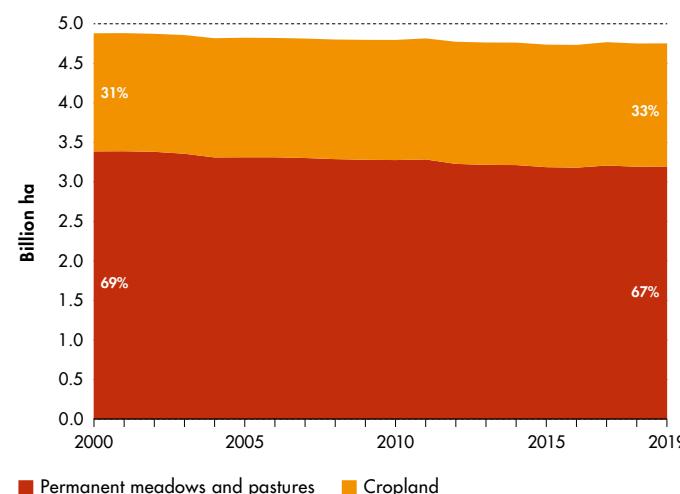
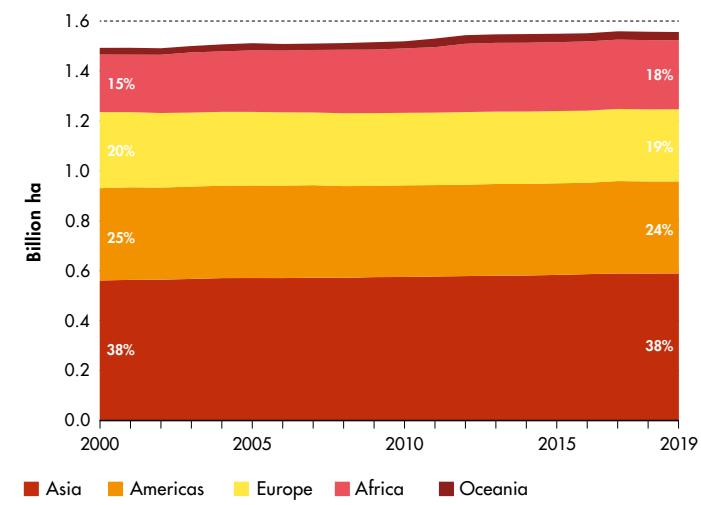


FIGURE 4.
CROPLAND AREA BY REGION



Source: FAOSTAT

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

<https://doi.org/10.4060/cb4477en-fig03>

Source: FAOSTAT

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

<https://doi.org/10.4060/cb4477en-fig04>

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

versus croplands in agricultural land can indicate intensified livestock practices as opposed to the harvesting of crops.

Cropland area per capita decreased in all regions between 2000 and 2019 as population increased faster than cropland (see **FIGURE 6**).

The world average declined by 17 percent to 0.20 ha per capita in 2019; the decrease was the largest in Africa (-26 percent, to 0.21 ha per capita), followed by the Americas (-18 percent, to 0.36 ha per capita), Asia (-15 percent, to 0.13 ha per capita), Europe (-8 percent, to 0.39 ha per capita) and Oceania (-7 percent, to 0.79 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

vast areas of land available over sparsely populated areas. Other reasons for high values include the intense use of agricultural inputs over cropland and dependencies on agricultural imports or food aid.

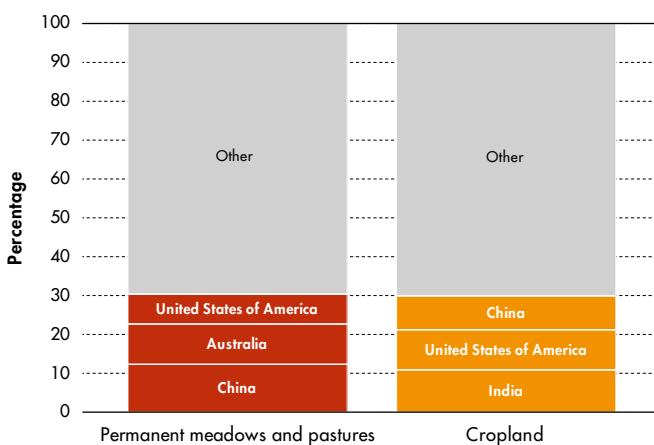
The development of irrigation is one aspect of agriculture intensification that has allowed total production to grow much faster than the cultivated area.

The global land area equipped for irrigation reached 342 million ha in 2019 (see **FIGURE 7**), an increase of 18 percent from the 289 million ha of 2000 and more than twice the 1960s land area equipped for irrigation.² The vast majority is located in Asia (70 percent), where irrigation was a key component of the green revolution;³ the Americas account for 16 percent and Europe for 8 percent of the world total. As shown in **TABLE 5**, China (75 million ha) and India (70 million ha) have the largest

equipped area for irrigation, far ahead of the United States of America (27 million ha). China and India also have the largest net gains in equipped area between 2000 and 2019 (+21 million ha for China and +10 million ha for India). All the regions except Europe saw increases in the area equipped for irrigation, with Africa growing the fastest (+25 percent), followed by Oceania (+23 percent) and Asia (+20 percent).

The share of equipped area for irrigation in agricultural land increased to 7.2 percent in 2019, up 1.3 percentage points compared with 2000 (see **FIGURE 8**). It increased in all regions, with the larger gains located in Asia as described above. The higher levels in Asia compared to the rest of the world are partly attributable to the prevalence of irrigation-intensive rice cultivation in the region. As seen in **TABLE 6**, Egypt stands out as the country with the highest share of equipped

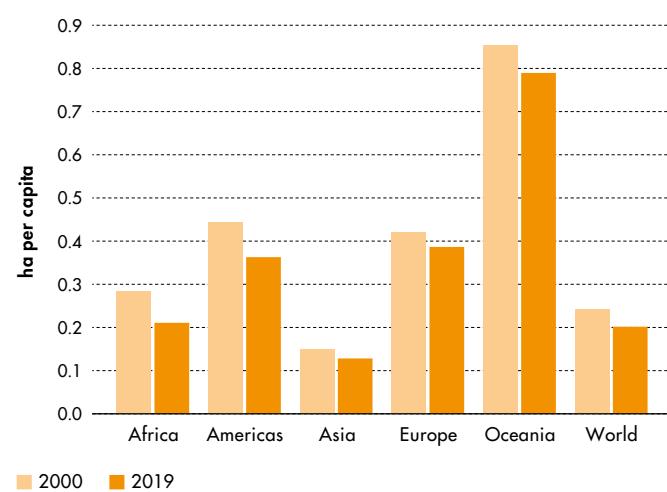
FIGURE 5.
WORLD AGRICULTURAL LAND BY USE AND MAIN COUNTRIES (2019)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-fig05>

FIGURE 6.
CROPLAND AREA PER CAPITA BY REGION



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-fig06>

area for irrigation (99.7 percent in 2019), as the agricultural land is concentrated in the Nile valley and delta.⁴ Countries with low shares are more dependent on rainfed agriculture, which is affected by changing rain patterns and tends to be more extensive than irrigated agriculture. 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 to the 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: out of the top 20 countries, the World Bank classifies six as low-income and 11 as lower-middle income while the remaining three belong to the

upper-middle income group.⁵ In 2018, the share of agricultural water withdrawals in total withdrawals was greater than 90 percent in 31 countries (see **TABLE 7**).

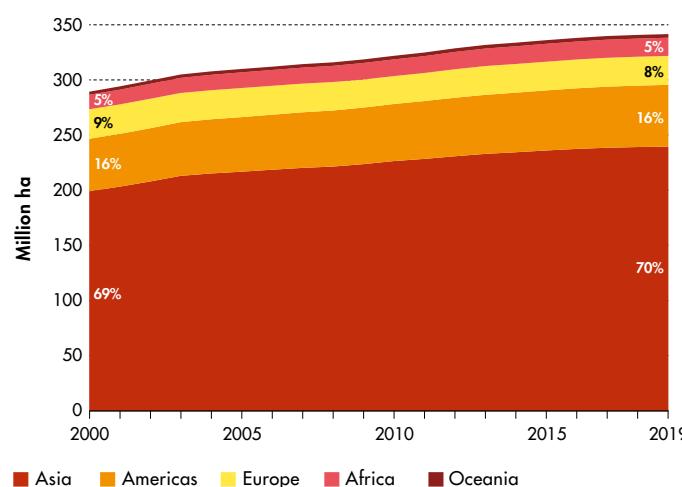
● Labour

The number of people working in agriculture worldwide, including forestry and fishing, went down 17 percent in the 2000–2020 period, reaching 874 million in 2020, or 173 million less than in 2000 (see **FIGURE 10**). Agricultural employment has declined from approximately 800 million people to roughly 590 million in Asia: this means that more than one out of every four agricultural workers has left the sector for another job outside agriculture in the region. Between 2000 and 2020, the biggest drop was observed in Europe, as the agricultural population there has decreased by 50 percent from about 35 million, which represents a decrease of 18 million people. During the same period, even if the share of employment in agriculture

declined in Africa (see **FIGURE 11**), agricultural employment increased to 224 million people. With around 200 million people working in each of China and India in agriculture, together they account for two-thirds of agricultural employment in Asia and 45 percent of global agricultural employment – even though 23 million people left the agriculture sector between 2000 and 2019 in India and 169 million in China (see **TABLE 8**).

The share of employment in agriculture, forestry and fishing declined globally by about 13 percentage points between 2000 and 2020, to 27.4 percent (see **FIGURE 11**). Yet, agriculture remains the second largest source of employment worldwide after the services sector.⁶ A decline in the share of the agricultural sector is usually linked to growing income levels, which explains the drop in the share of employment in agriculture across all regions and nearly all the countries (see

FIGURE 7.
AREA EQUIPPED FOR IRRIGATION BY REGION

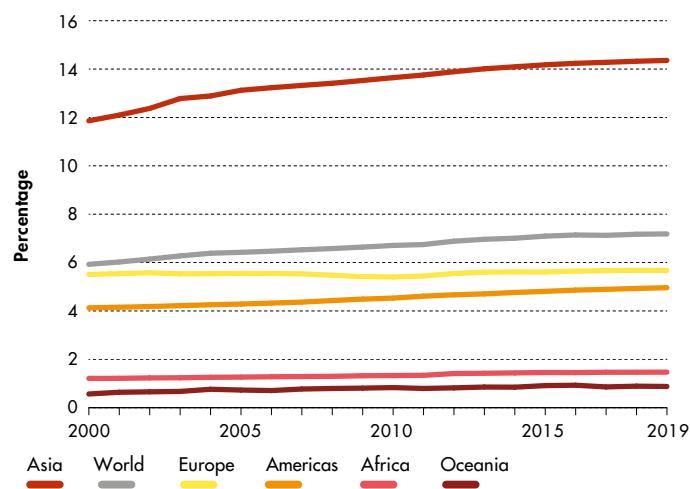


Source: FAOSTAT

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

<https://doi.org/10.4060/cb4477en-fig07>

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



Source: FAOSTAT

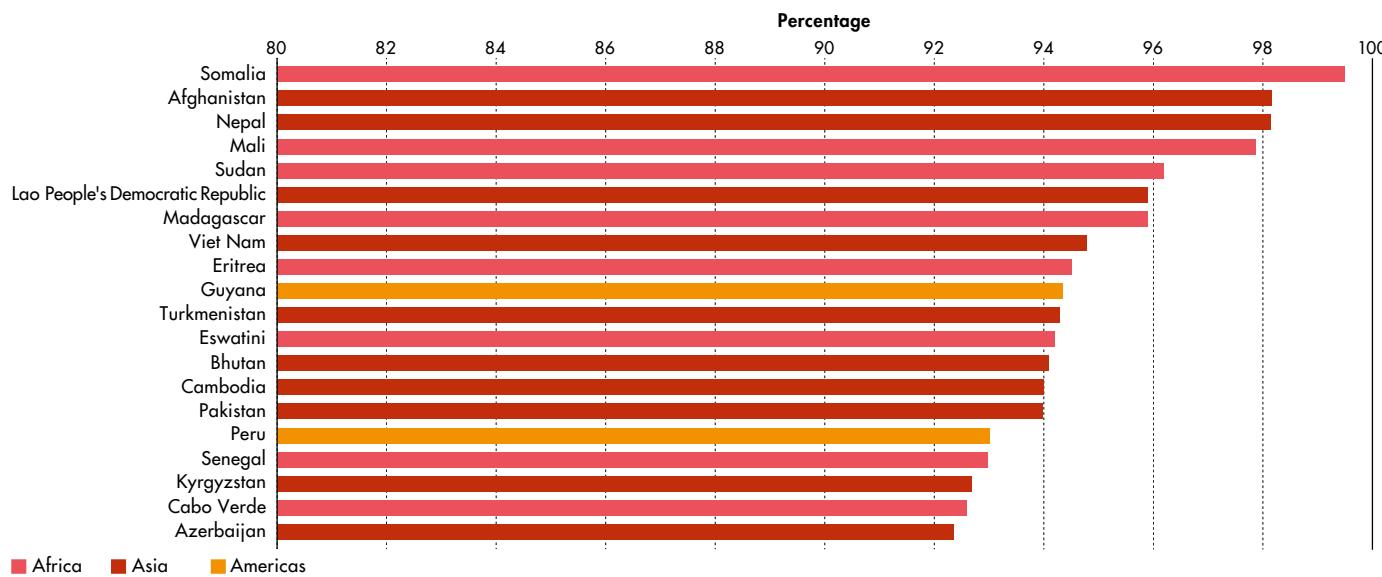
<https://doi.org/10.4060/cb4477en-fig08>

TABLE 9). The COVID-19 pandemic broke this overall declining trend: while employment dropped in all sectors due to the COVID-19 restrictions, the industry and services sector were much more

affected than agriculture, resulting in an increase of the share of agricultural employment in all regions except Europe between 2019 and 2020. The lowest share of employment in agriculture was

observed in Europe in 2020, where only 5.2 percent of the employed population had a job in agriculture. The highest share was observed in Africa with 49.5 percent of the total employed population.

FIGURE 9.
SHARE OF WATER WITHDRAWAL BY AGRICULTURE IN TOTAL WITHDRAWAL, TOP COUNTRIES (2018)

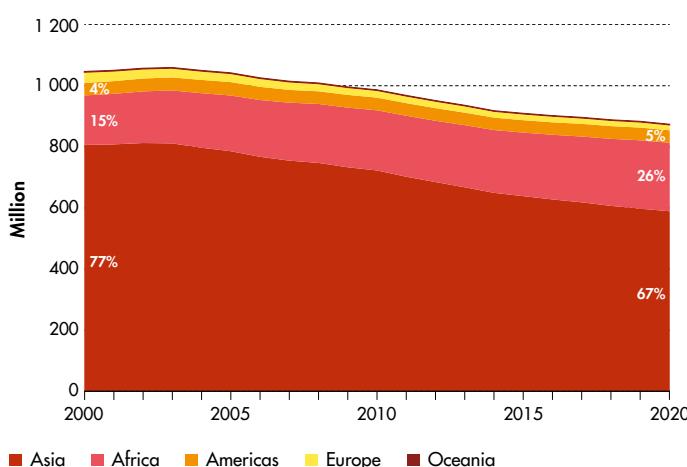


Source: AQUASTAT

Note: Data for Bhutan, Cambodia, Eritrea, Guyana, Mali, Pakistan, Senegal, Somalia, the Sudan, Turkmenistan, Uzbekistan and Viet Nam are imputed.

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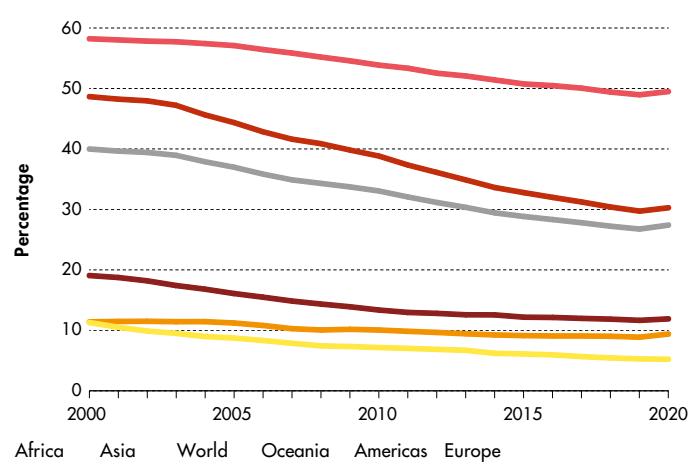
FIGURE 10.
EMPLOYMENT IN AGRICULTURE, FORESTRY AND FISHING BY REGION



Source: ILO Modelled Estimates, ILOSTAT

Note: Percentages on the figure indicate the shares in the total.

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



Source: ILO Modelled Estimates, ILOSTAT

FIGURE 12 shows the 20 countries with the highest shares of women in agricultural employment. While on average women represented 36.7 percent of all agricultural workers in 2019, this share is above 50 percent in 22 countries (see **TABLE 10**), most of them in Africa. Women and men working in agriculture might have different employment status. 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.⁷ 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.⁸

● Capital and investment

Capital in the agriculture sector includes the machinery, equipment and tools as well

as the 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 agriculture value added to reinvestments in the sector than countries with lower levels of income (see **FIGURE 13** and **TABLE 11**). The three countries with the higher share of GFCF in value added in 2020 are all in Europe: Latvia (75 percent), Belgium (66 percent) and Estonia (61 percent). The leaders of the other regions all had shares of 27–30 percent.

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

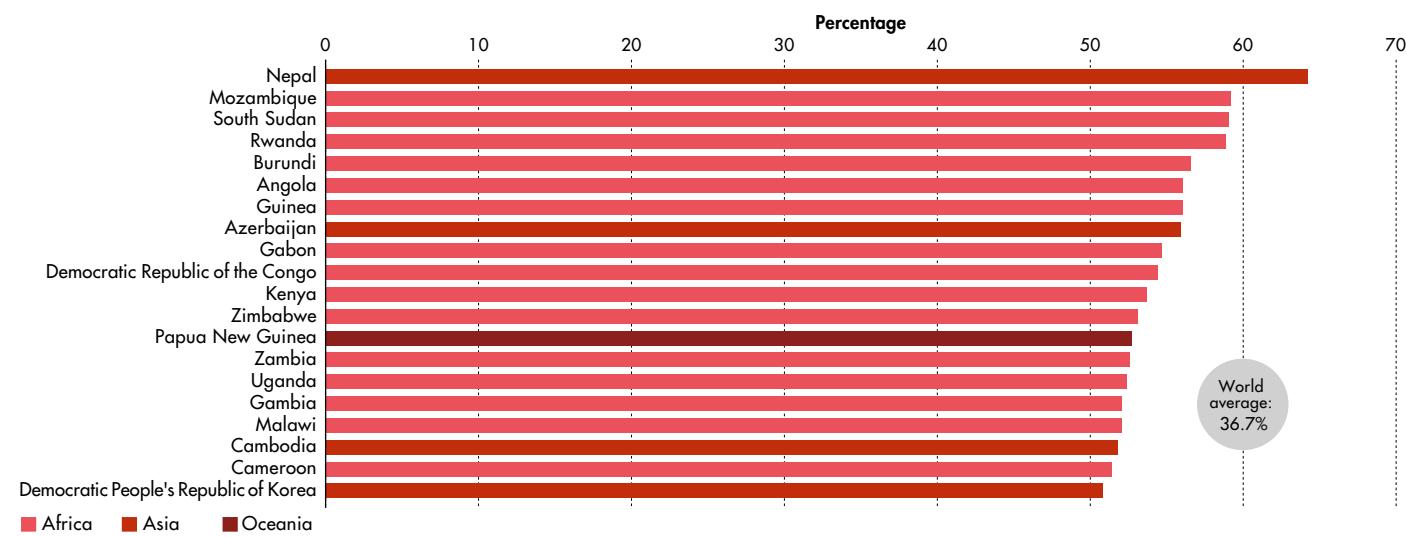
of central government spending to agriculture between 2000 and 2018.⁹ **FIGURE 14** and **TABLE 12** reflect this, as most of the countries with the highest shares are in these two regions, with Malawi (16.1 percent), Bhutan (10.9 percent), and Guyana (9.7 percent) as the top three countries. In the case of Africa, signatories to the Malabo Declaration of 2014 committed to allocate at least 10 percent of government expenditures to agriculture.¹⁰

INPUTS

● Pesticides

Global pesticides use increased during the period 2000–2019 by 36 percent, to 4.2 million tonnes in 2019 (see **FIGURE 15**). Nearly all the increase took place between 2000 and 2012, with a plateau afterwards. The highest contributions came from Asia, followed by the Americas, Europe, Africa and Oceania. The regional contributions to the world total changed slightly over time, but

FIGURE 12.
SHARE OF WOMEN IN AGRICULTURE, FORESTRY AND FISHING EMPLOYMENT, TOP COUNTRIES (2019)



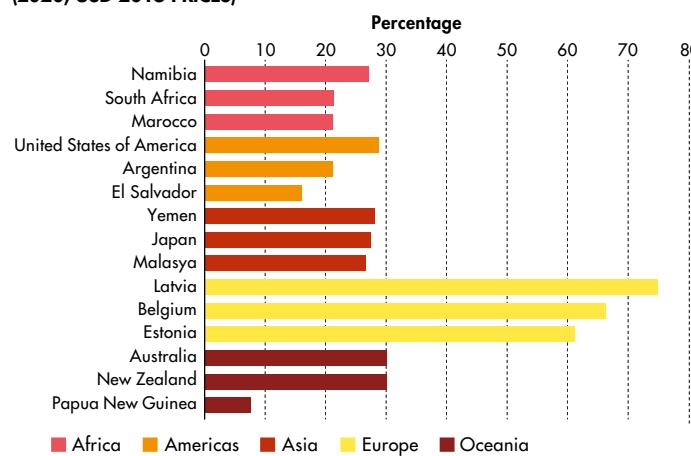
Source: ILO Modelled Estimates, ILOSTAT

Asia, the largest contributor, remained stable at 52–53 percent. The share of the Americas increased from 29 percent to 33 percent of global pesticides consumption while that of Europe decreased slightly from 14 percent to 11 percent. Africa and Oceania applied small amounts of pesticides over time, but Oceania

nonetheless had the highest growth in pesticides applications (+85 percent). As shown in TABLE 13, China was the largest pesticide user in 2019 with 1.8 million tonnes, or 42 percent of the world total, far ahead of the United States of America and Brazil (0.4 million tonnes each).

Global pesticides use per cropland area went up 28 percent in the 2000s, from 2.1 kg/ha to 2.6 kg/ha, and levelled out after 2010 (see FIGURE 16), although with some important regional differences. Pesticides application rates in 2019 were highest in the Americas, followed by Asia,

FIGURE 13.
GROSS FIXED CAPITAL FORMATION (AGRICULTURE, FORESTRY AND FISHING)
AS A SHARE OF VALUE ADDED, TOP COUNTRIES BY REGION
(2020, USD 2015 PRICES)

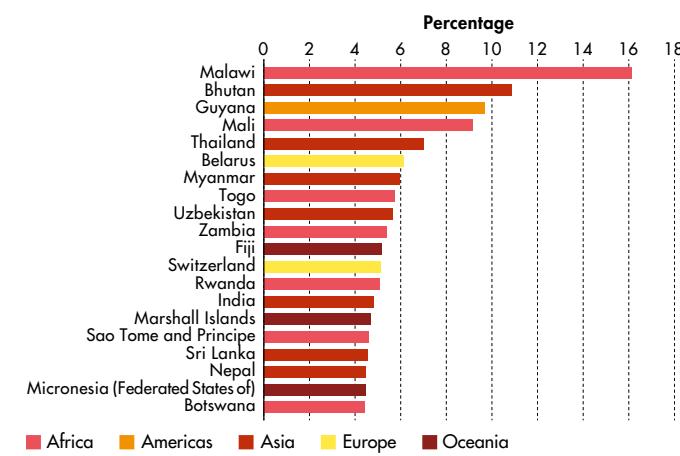


Source: FAOSTAT

Note: Only countries with more than USD 500 million of agriculture value added are included.

<https://doi.org/10.4060/cb4477en-fig13>

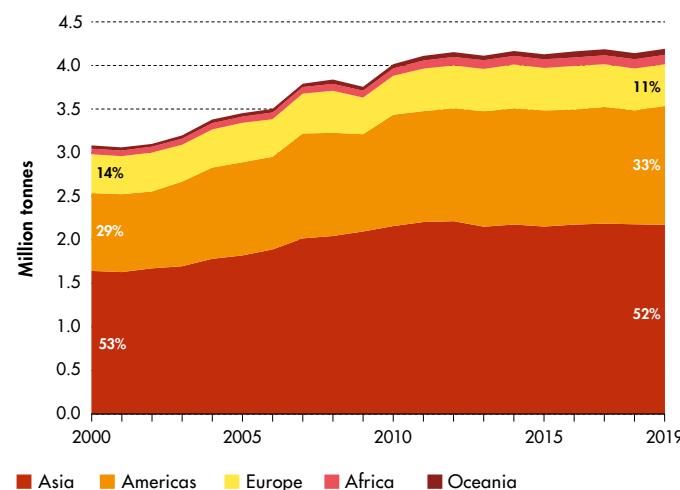
FIGURE 14.
GOVERNMENT EXPENDITURE ON AGRICULTURE, FORESTRY AND FISHING
AS A SHARE OF TOTAL OUTLAYS, TOP COUNTRIES (2017–2019*)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-fig14>

FIGURE 15.
PESTICIDE USE BY REGION

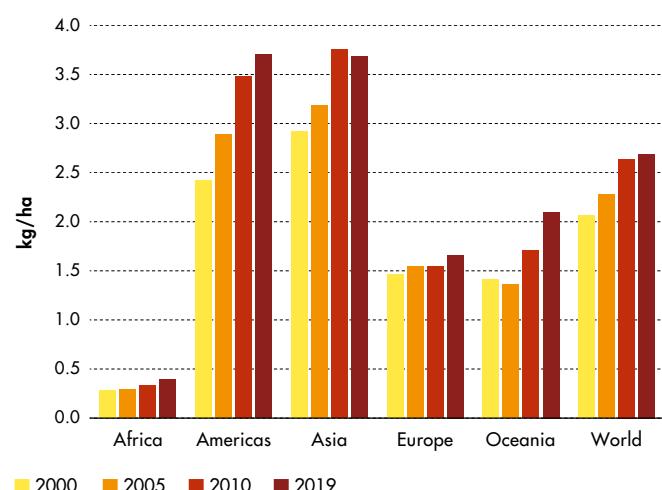


Source: FAOSTAT

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

<https://doi.org/10.4060/cb4477en-fig15>

FIGURE 16.
PESTICIDE USE PER CROPLAND AREA BY REGION



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-fig16>

Oceania, Europe and Africa. In the 2010s, Oceania surpassed Europe, but both regions remained below the global average. Asia was the only region where pesticides use per cropland area did not increase between 2010 and 2019. The top three countries in terms of pesticides application rate for 2018 were Trinidad and Tobago, with 25 kg/ha, Saint

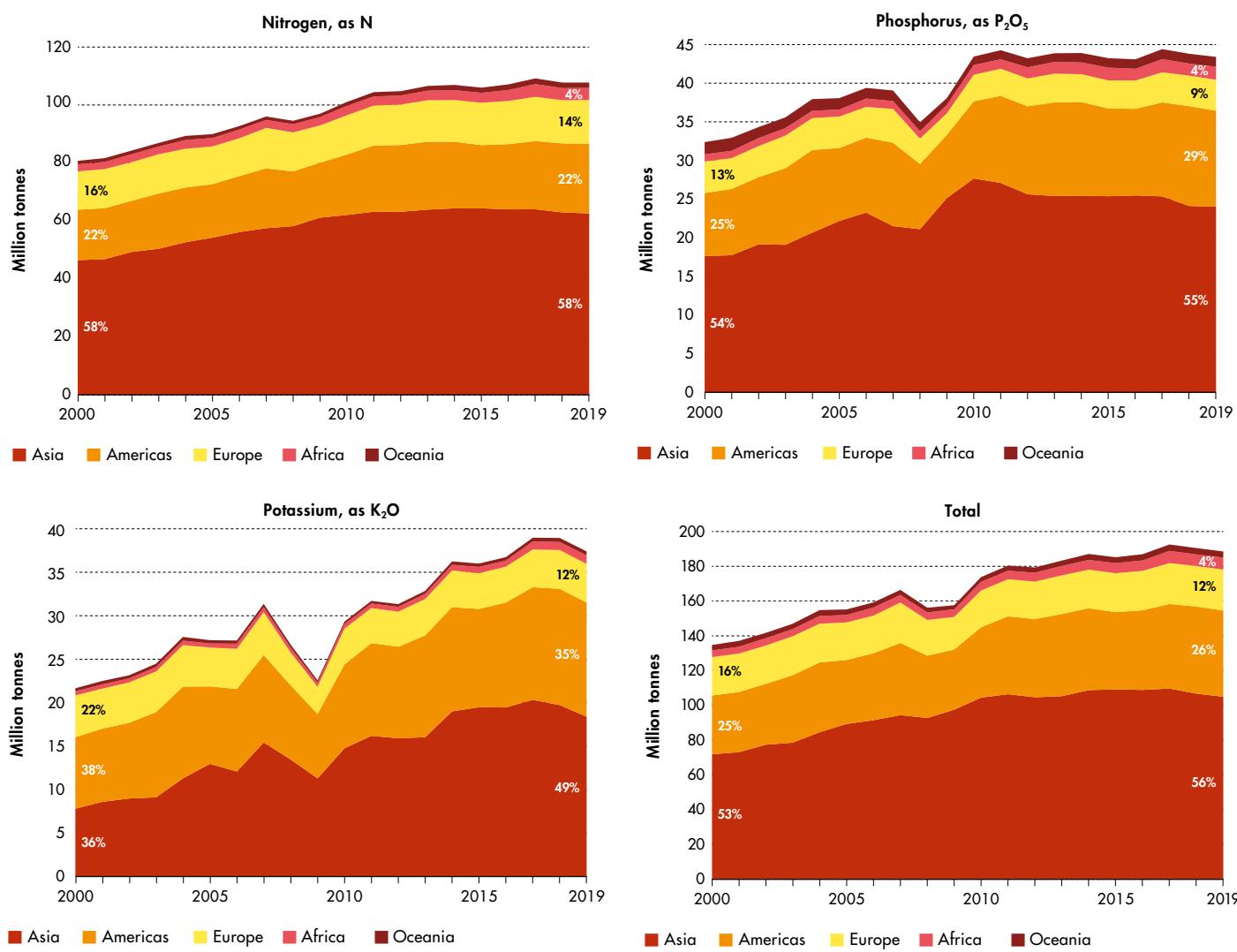
Lucia, with 20 kg/ha and Ecuador, with 14 kg/ha (see TABLE 14).

● 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 189 million tonnes in 2019. As shown in FIGURE 17, the breakdown

was 108 million tonnes of nitrogen (57 percent of the total), 43 million tonnes of phosphorus (23 percent) and 37 million tonnes of potassium (20 percent). The overall fertilizer use in 2019 was 54 million tonnes, or 40 percent higher than in 2000 (33 percent higher for nitrogen, 34 percent higher for phosphorus and 73 percent higher for potassium).

FIGURE 17
INORGANIC FERTILIZER USE BY REGION



Source: FAOSTAT

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

<https://doi.org/10.4060/cb4477en-fig17>

Asia represented 56 percent of world total agricultural use of inorganic fertilizers in 2019, followed by the Americas (26 percent), Europe (12 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 15**), with China the largest user of each nutrient.

Fertilizer use increased in all regions between 2000 and 2019 (see **FIGURE 18**). The total for the three nutrients went up 33 million tonnes – the largest increase in absolute terms – in Asia, or 46 percent. The fastest increase took place in Africa, with a growth of 79 percent equivalent to just 3 million tonnes due to the low starting level. In the Americas, fertilizer use posted a 47 percent increase, or 16 million tonnes, while in Oceania it went up

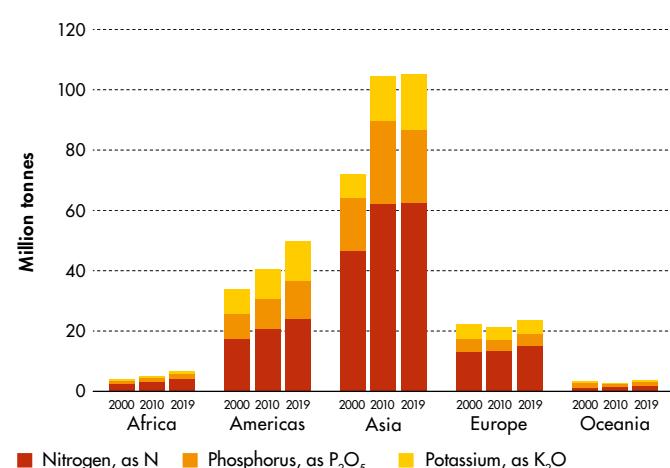
14 percent (or 0.4 million tonnes) compared to 6 percent in Europe (or 1.4 million tonnes).

The mix of nutrients varies across the regions. Nitrogen is the dominant nutrient, accounting for at least 60 percent of fertilizer use in Europe (64 percent), Africa (61 percent) and Asia (60 percent), and around half of the total in Oceania (51 percent) and the Americas (49 percent). The use of phosphorus accounts for 17 to 25 percent of the total in all the regions except Oceania, where its share is 36 percent. The share of potassium in fertilizer use is the highest in the Americas with 26 percent, followed by Europe (19 percent), Asia (18 percent), Africa (14 percent) and Oceania (13 percent). The use of phosphorus declined in Europe and Oceania between 2000 and 2019, while the use of potassium declined only in Europe over the same period.

World agricultural use of inorganic fertilizers per cropland area rose by 34 percent during the 2000–2019 period, to 122 kg of nutrients per hectare – expressed as the sum of nitrogen, phosphorus and potassium (see **FIGURE 19**). This corresponds to an increase of 31 kg/ha compared with 2000. Of the total amount, 70 kg/ha correspond to nitrogen (up 28 percent), 28 kg/ha to phosphorus (up 28 percent) and 24 kg/ha to potassium (up 63 percent).

Fertilizer use per cropland area in 2019 was the highest in Asia, at 180 kg/ha, followed by the Americas (135 kg/ha), Oceania (82 kg/ha), Europe (80 kg/ha) and Africa (26 kg/ha) as shown on **FIGURE 19** and **TABLE 16**. With a growth rate of 49 percent between 2000 and 2019, Africa was the region with the fastest increase in fertilizer use per cropland area, ahead of the Americas (+47 percent), Asia (+37 percent) and Europe (+12 percent) – Oceania is the only region showing a decrease (-8 percent).

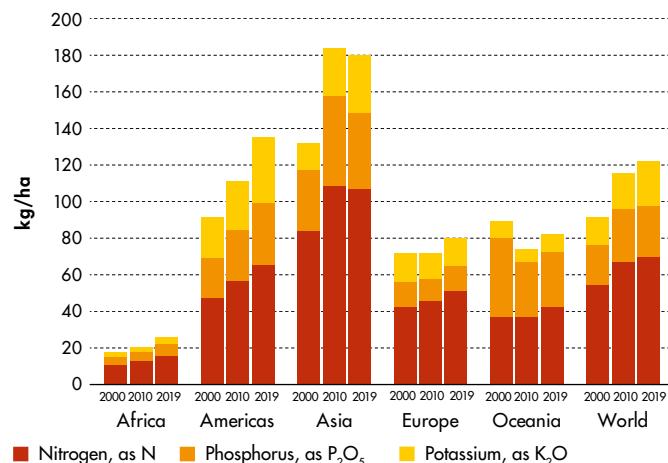
FIGURE 18.
INORGANIC FERTILIZER USE BY NUTRIENT AND REGION



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-fig18>

FIGURE 19.
INORGANIC FERTILIZER USE PER CROPLAND AREA BY NUTRIENT AND REGION



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-fig19>

CHAPTER 2

KEY FACTS

PRIMARY CROP PRODUCTION



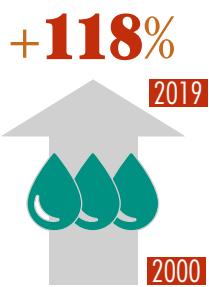
The production of primary crops was 9.4 billion tonnes in 2019, 53% more than in 2000.

GLOBAL PRIMARY CROP PRODUCTION



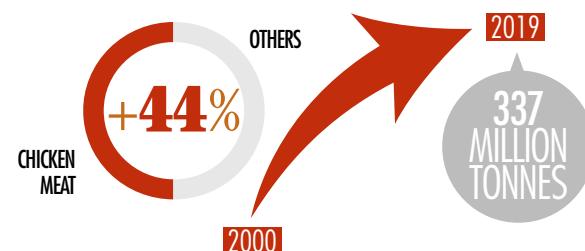
Four crops account for about half of global primary crop production: sugar cane, maize, wheat and rice.

VEGETABLE OILS PRODUCTION



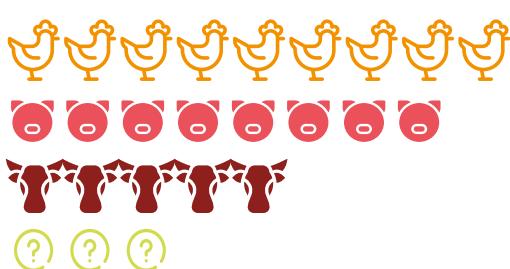
The production of vegetable oils more than doubled between 2000 and 2019, driven by a sharp increase in palm oil.

MEAT PRODUCTION



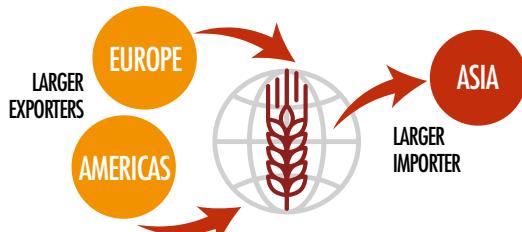
337 million tonnes of meat were produced in 2019, 44% more than in 2000, with chicken meat representing more than half the increase.

MEAT PRODUCTION BREAKDOWN



Chicken meat was the most produced type of meat in 2019.

CEREALS TRADE



Cereals are the most traded commodity by quantity in 2019: 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

Total production of primary crops increased by 53 percent between 2000 and 2019, to a record high of 9.4 billion tonnes in 2019 (see **FIGURE 20** and **TABLE 17**). This represents 3.2 billion tonnes more than in 2000. With slightly less than one-third of the total, cereals were the main group of crops produced in 2019, followed by sugar crops (24 percent) and vegetables and oil crops (12 percent each). Fruit, and roots and tubers each accounted for 9 percent of the total production. The increase in production is mostly attributable

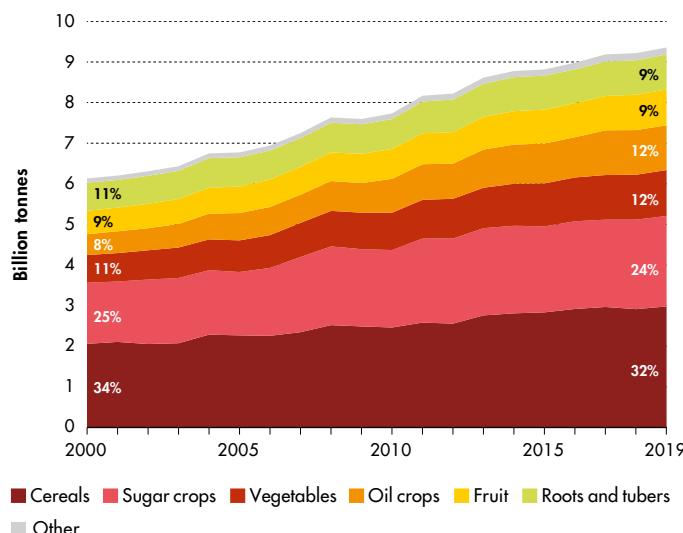
to a combination of factors seen in Chapter 1 (increased use of irrigation, pesticides and fertilizers, and to a lesser extent a larger cultivated area); other factors such as better farming practices¹¹ and the use of high-yield crops¹² also play a role.

While a large number of crops are cultivated and harvested around the world, just four individual crops accounted for half the global production of primary crops in 2019: sugar cane (21 percent of the total, with 1.9 billion tonnes), maize (12 percent, with 1.1 billion tonnes), rice (8 percent, with

0.8 billion tonnes) and wheat (8 percent, with 0.8 billion tonnes) – see **FIGURE 21**. Oil palm fruit and potatoes each accounted for an additional 4 percent of world crop production.

Sugar cane accounted for 21 percent of the global crop production over the 2000–2019 period. While maize, wheat and rice each represented 10 percent of the total in 2000, maize production grew three times faster than that of wheat or rice during the period, surpassing rice in 2001 to become the second most produced crop worldwide.

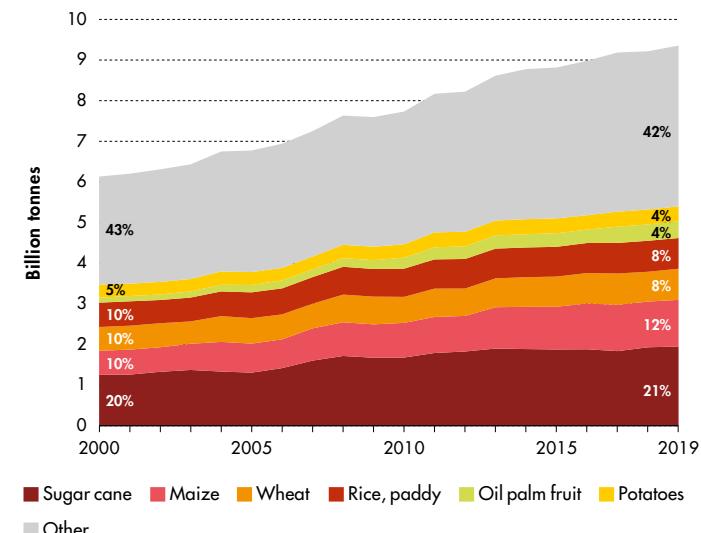
FIGURE 20.
WORLD PRODUCTION OF CROPS BY COMMODITY GROUP



Source: FAOSTAT

Note: Percentages on the figure indicate the shares in the total; they may not tally due to rounding.
<https://doi.org/10.4060/cb4477en-fig20>

FIGURE 21.
WORLD PRODUCTION OF CROPS, MAIN COMMODITIES



Source: FAOSTAT

Note: Percentages on the figure indicate the shares in the total; they may not tally due to rounding.
<https://doi.org/10.4060/cb4477en-fig21>

As seen in **TABLE 18**, the Americas is the leading region in the production of sugar cane (52 percent of the world total) and maize (49 percent), while Asia leads in the production of rice (90 percent), oil palm fruit (88 percent), wheat (44 percent) and potatoes (51 percent).

FIGURE 22 shows that for each main crop commodity, the top three producers combined account for a significant share of the world

total: slightly above 40 percent for wheat and potatoes, around 60 to 66 percent for sugar cane, maize and rice, and close to 90 percent for oil palm fruit in 2019. For each crop, the top producer also has a sizeable share of the global output: in 2019, Brazil accounted for around 40 percent of world sugar cane production, the United States of America grew around 30 percent of the global production for maize, China (which ranked in the top three

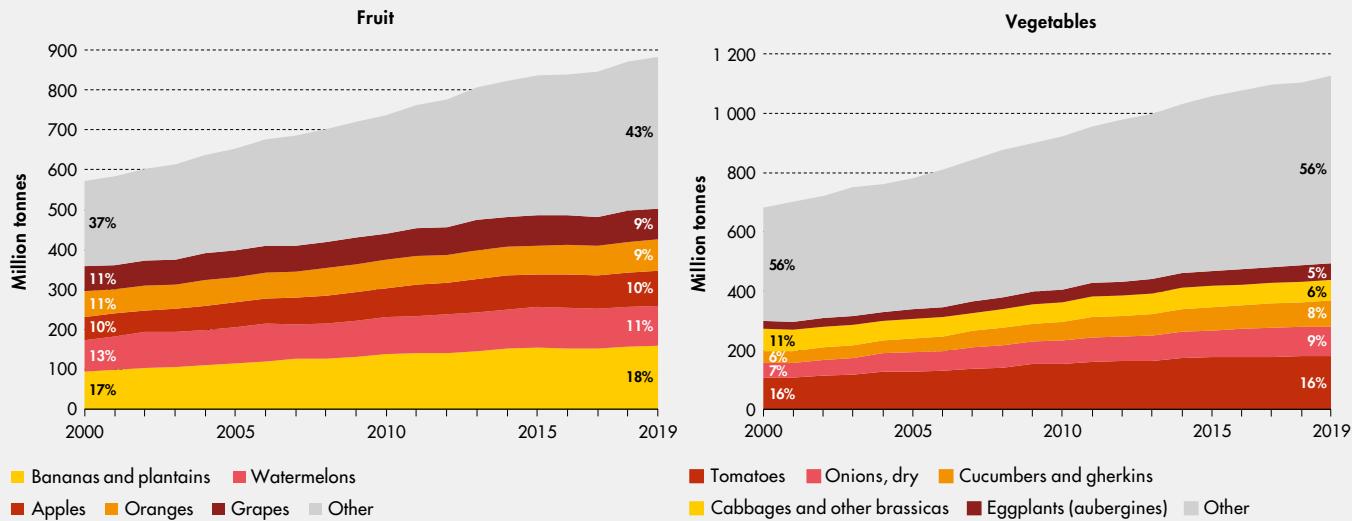
producers for four out of the six main crop commodities) produced about 25 percent of the world output of rice and potatoes, and slightly less than 20 percent of the world output of wheat, while 60 percent of oil palm fruit production originated in Indonesia. Such a concentration can have a large impact on prices when harvests are affected – either positively or negatively – in the main producing countries that export part of their production.

BOX 1. FOCUS ON THE INTERNATIONAL YEAR OF FRUITS AND VEGETABLES – PRODUCTION

World fruit production went up 54 percent between 2000 and 2019, to 883 million tonnes, which represents an increase of 311 million tonnes. Five fruit species accounted for 57 percent of the total production in 2019, down from 63 percent in 2000: bananas and plantains (18 percent), watermelons (11 percent), apples (10 percent), oranges and grapes (9 percent each). The share of bananas and plantains in the global total slightly increased since 2000, while that of the other main fruit species declined.

World vegetables production grew faster between 2000 and 2019, as it went up 65 percent, or 446 million tonnes, to 1 128 million tonnes in 2019. The five main vegetable species accounted for 42–45 percent of the total during the period: tomatoes (16 percent in 2019), onions (9 percent), cucumbers and gherkins (8 percent), cabbages (6 percent) and eggplants (5 percent). The share of onions, cucumbers and gherkins, and eggplants increased, while that of cabbages almost halved and that of tomatoes remained stable.

FIGURE B1.
WORLD PRODUCTION OF FRUIT AND VEGETABLES, MAIN COMMODITIES



Source: FAOSTAT

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

<https://doi.org/10.4060/cb4477en-figB1>

Most primary crops can be consumed unprocessed, but two crop groups in particular require processing for the production of commodities used both as food and fuel: oil crops and sugar crops. Therefore, they have an impact on nutrition and health, but also on energy and the environment.

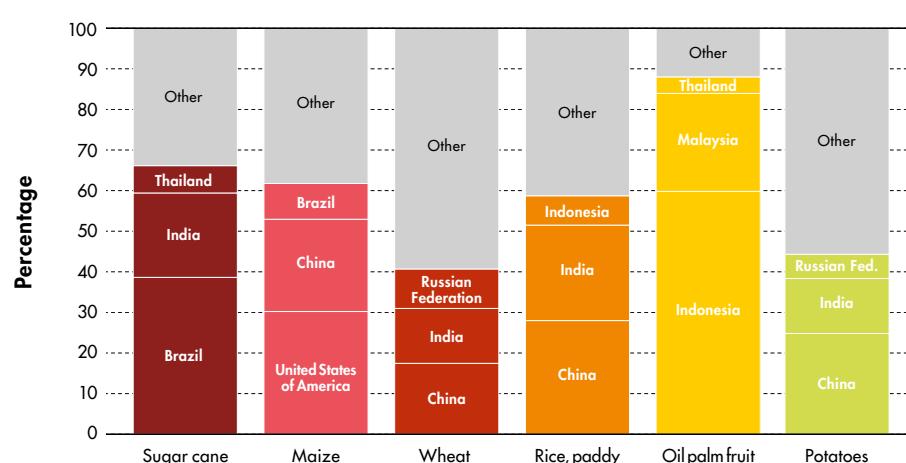
The total world production of vegetable oils more than doubled between 2000 and 2018, to 201 million tonnes in 2018 (see **FIGURE 23** and **TABLE 19**). This is 109 million tonnes more than in 2000. Palm oil had the largest increase, both absolute and relative, as its production went up 49 million tonnes, or 222 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 are rapeseed oil, accounting for 12 percent of global vegetable oil production

in 2018, and sunflower oil, which accounted for 9 percent of total vegetable oil production in 2018, down from 11 percent in 2000.

As with primary crops, the production of the main vegetable oils is heavily concentrated in a

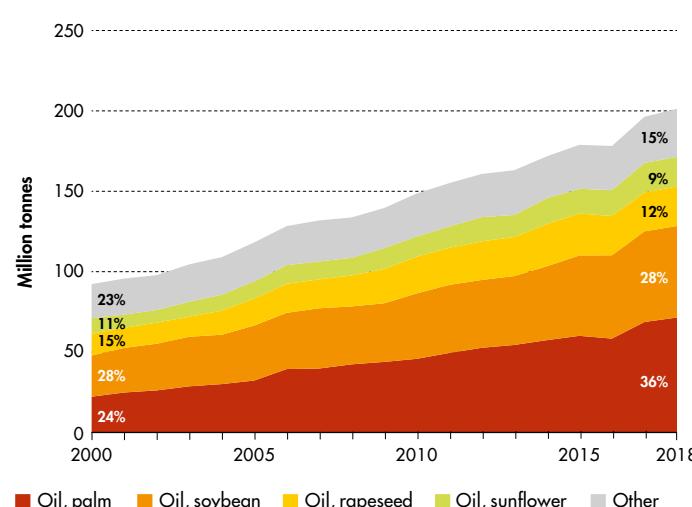
handful of countries (see **FIGURE 24**). The concentration is highest with palm oil, as close to 85 percent of global production came from two countries in 2018: Indonesia (57 percent) and Malaysia (27 percent). This mirrors the shares of the top producers of

FIGURE 22.
WORLD PRODUCTION OF MAIN PRIMARY CROPS BY MAIN PRODUCERS (2019)



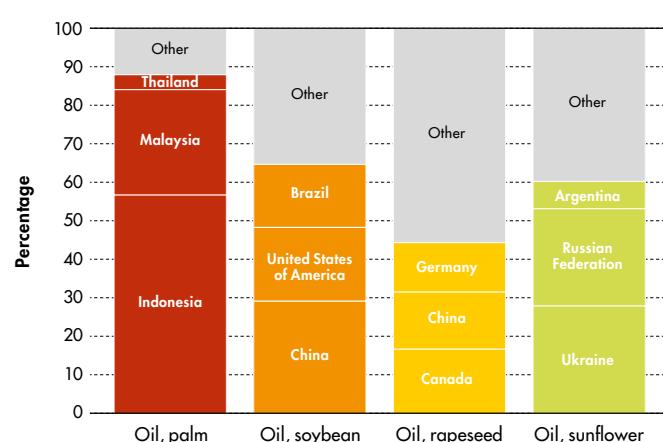
Source: FAOSTAT
<https://doi.org/10.4060/cb4477en-fig22>

FIGURE 23.
WORLD PRODUCTION OF VEGETABLE OILS, MAIN COMMODITIES



Source: FAOSTAT
Note: Percentages on the figure indicate the shares in the total; they may not tally due to rounding.
<https://doi.org/10.4060/cb4477en-fig23>

FIGURE 24.
WORLD PRODUCTION OF MAIN VEGETABLE OILS BY MAIN PRODUCERS (2018)

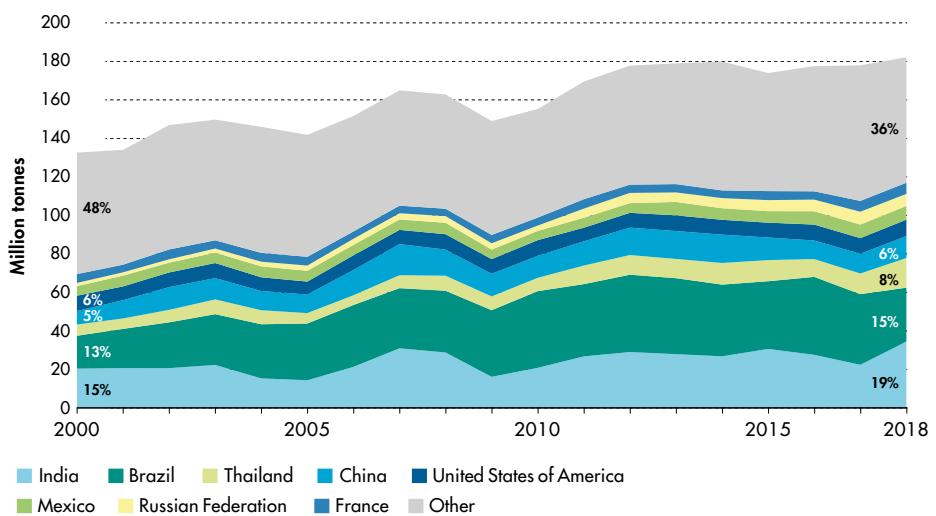


Source: FAOSTAT
<https://doi.org/10.4060/cb4477en-fig24>

oil palm fruit shown in **FIGURE 22**. In 2018, the top three producers accounted for 60–65 percent of the production of soybean oil and sunflower oil, and for 44 percent of the production of rapeseed oil. China was the main producer of soybean oil, with a share of 29 percent in 2018 and the United States of America a distant second with a share of 19 percent. The difference between the first and second producer was much smaller for rapeseed and sunflower oil: Canada led the production of rapeseed oil in 2018, with 17 percent of the world total, just ahead of China (15 percent), while Ukraine produced 28 percent of the global sunflower oil production in 2018, with the Russian Federation a close second (25 percent).

The global production of raw sugar reached 182 million tonnes in 2017, up 37 percent compared with 2000, or 49 million tonnes (see **FIGURE 25** and **TABLE 20**). As sugar cane, the main sugar crop, grows in tropical regions, the main producing countries are located there. The largest producing country is Brazil, which increased its share in the world total from 13 percent in 2000 to 22 percent in 2017. It overtook India in 2003, which accounted for 12 percent of the global production in 2017. The other main producers account for 4 to 6 percent of the total production each, with the Russian Federation relying only on sugar beet for sugar production.

FIGURE 25.
WORLD PRODUCTION OF RAW SUGAR, MAIN PRODUCERS



Source: FAOSTAT

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

<https://doi.org/10.4060/cb4477en-fig25>

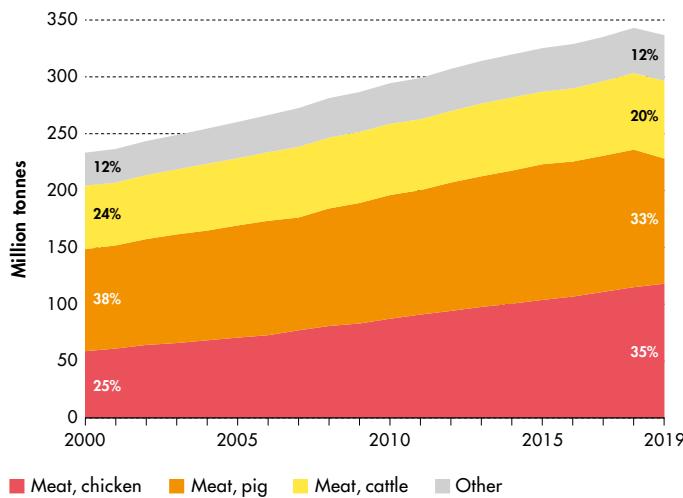
PRODUCTION OF LIVESTOCK AND LIVESTOCK COMMODITIES

World meat production reached 337 million tonnes in 2019, up 44 percent, or 103 million tonnes compared with 2000 (see **FIGURE 26**). Although many species are raised for their meat, only three accounted for nearly 90 percent of the global production during the 2000–2018 period: chicken, pig and cattle (not taking into account the different breeds for each). With 35 percent of the global production in 2019, chicken meat showed the largest growth in absolute and relative terms since 2000 (+101 percent, or 59 million tonnes) and was the most produced type of meat in 2019. The market concentration of meat production is not as strong as for primary crops and vegetable oils, even though the top three producers accounted

for 56 percent of world pig meat production and slightly more than 40 percent of global chicken and cattle meat production (see **FIGURE 27** and **TABLE 21**). China and the United States of America are among the three largest producers for each main meat type: in particular, China alone accounts for about 40 percent of world pig meat, and the United States of America produced 17 to 18 percent of world chicken and cattle meat. The difference between the two countries is that meat production in China is mostly for the domestic market, whereas a significant share of American meat production (especially in the case of chicken) is exported.¹⁴

World milk production rose by 52 percent to 883 million tonnes in 2019, an increase of 304 million tonnes compared with 2000 (see **FIGURE 28**). Asia was the

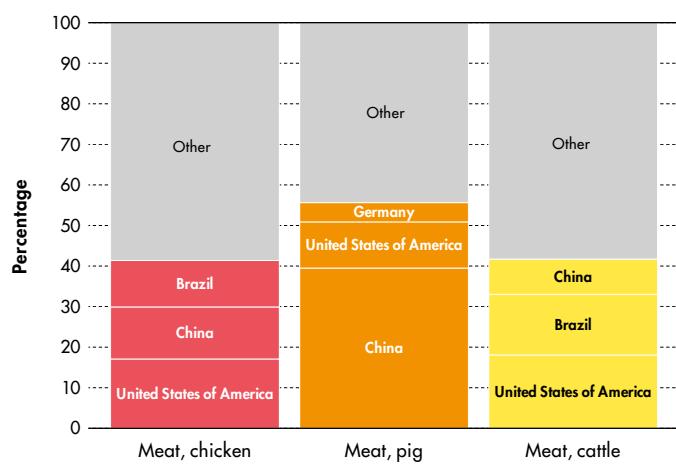
FIGURE 26.
WORLD PRODUCTION OF MEAT, MAIN ITEMS



Source: FAOSTAT

Note: Percentages on the figure indicate the shares in the total; they may not tally due to rounding.
<https://doi.org/10.4060/cb4477en-fig26>

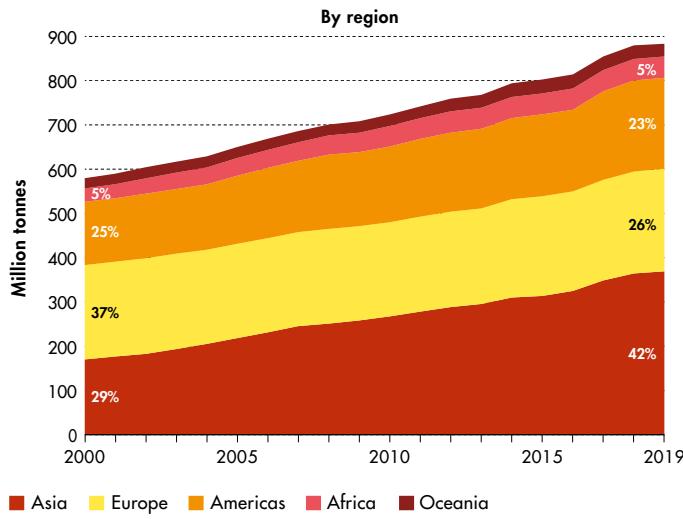
FIGURE 27.
WORLD PRODUCTION OF MAIN MEAT ITEMS, MAIN PRODUCERS (2019)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-fig27>

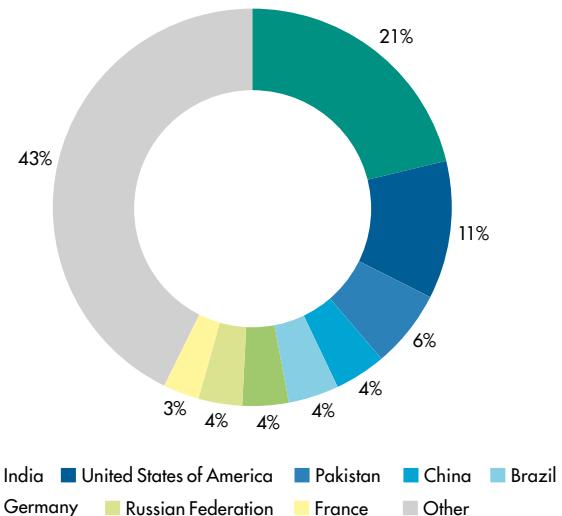
FIGURE 28.
WORLD PRODUCTION OF MILK



Source: FAOSTAT

Note: Percentages on the figure indicate the shares in the total; they may not tally due to rounding.
<https://doi.org/10.4060/cb4477en-fig28>

By main producers (2019)



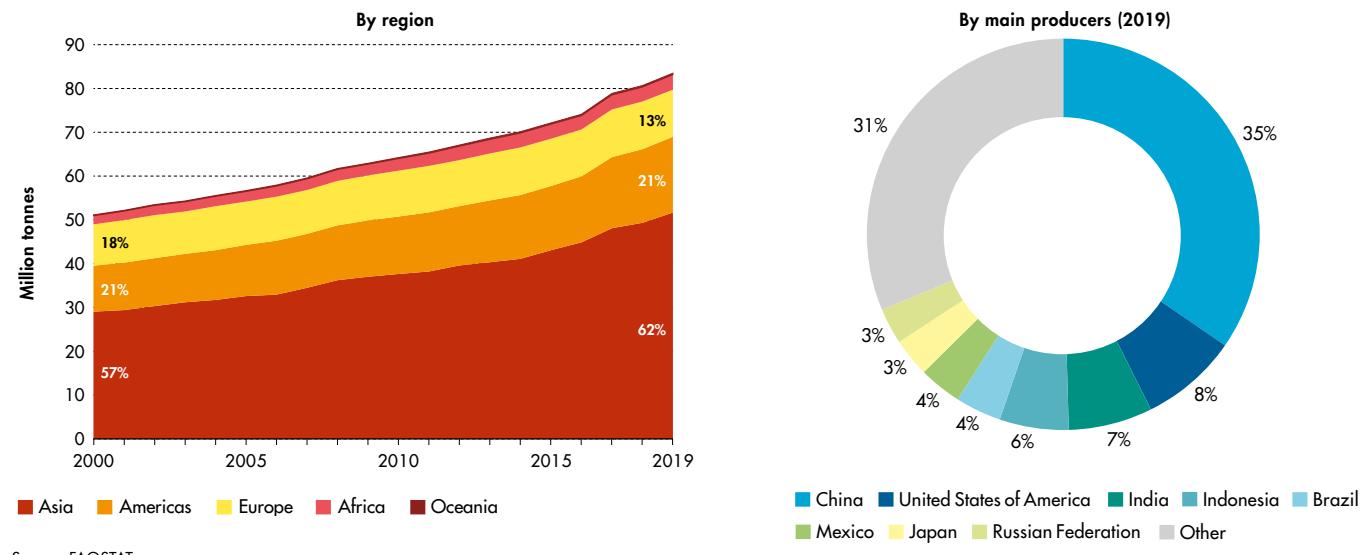
largest milk-producing region in 2019 with a 42 percent share of the total, ahead of Europe (26 percent), the Americas (23 percent), Africa (5 percent) and Oceania (3 percent). In particular, milk production in Asia more than doubled between 2000 and 2019, from 170 million tonnes to 369 million tonnes mostly due to the increase in India (108 million tonnes), which is the largest producer with a 21 percent share of the global total in 2019. With a 11 percent share, the United States of America was the second largest producer; the other main producers (Pakistan, China, Brazil,

Germany, the Russian Federation and France) each accounted for 3 to 6 percent of the global production. The combined share of the top three milk producers was 39 percent of the total, the same as in 2018 (see TABLE 22).

In 2019, world hen eggs production reached 83 million tonnes, a 63 percent increase from the 2000 level, which translates into an additional 32 million tonnes over the period (see FIGURE 29). Asia is by far the main producing region, accounting for 62 percent of the global production in 2019, followed by the Americas (21 percent), Europe (13 percent),

Africa (4 percent) and Oceania (0.4 percent). Production growth rates were well above 60 percent in all the regions but Europe, where it grew by just 14 percent (see TABLE 23); as a result, its share in the world total drops from 18 percent to 13 percent. With 35 percent of the total, China ranked as the largest hen egg producing country; the other main producers (the United States of America, India, Indonesia, Brazil, Mexico, Japan and the Russian Federation) combined do not surpass it. Together, the top three producers accounted for nearly half the global hen eggs production in 2019.

FIGURE 29.
WORLD PRODUCTION OF HEN EGGS



Source: FAOSTAT

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

<https://doi.org/10.4060/cb4477en-fig29>

PRODUCTION OF THE FISHERIES AND AQUACULTURE SECTOR

Excluding aquatic plants, total world fisheries and aquaculture production showed a 41 percent growth in the 2000–2019 period, reaching 178 million tonnes in 2019, slightly below the record 179 million tonnes of 2018. This represents an overall expansion of 52 million tonnes compared to 2000. The slight decline in production between 2018 and 2019 is due to a 5 percent decrease (or 3.8 million tonnes) in the production of marine fish (3.8 million tonnes), caused by the decrease of catches of anchoveta (-39.7 percent or 2.8 million tonnes compared to 2018) mainly related to the El Niño phenomenon and of other pelagic species. The total first sale value of the 2019 production is estimated at USD 406 billion.¹⁵

A large number of species are harvested every year, with the

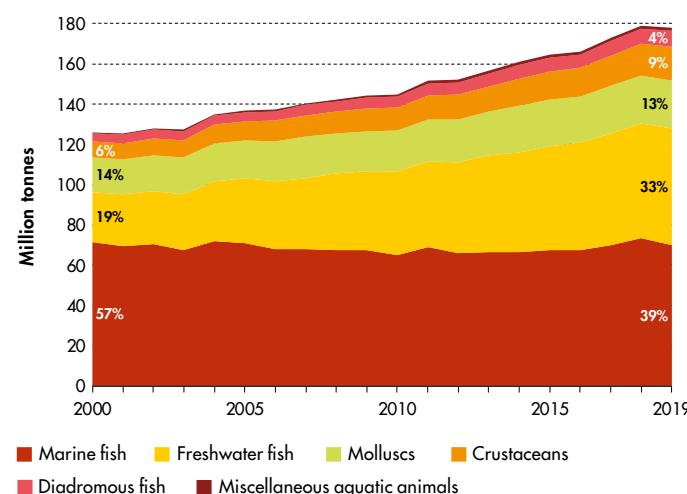
quantities and specific species varying from country to country.

Finfish (freshwater, diadromous and marine fish) had a share of 76 percent of the total in 2019, with a slight decline compared to 79 percent in 2000. With 39 percent of the total, marine fish were the main group of species produced in 2019, followed by freshwater fish (33 percent), molluscs (13 percent) and crustaceans (9 percent) (see TABLE 24). Thanks to the expansion of aquaculture production, freshwater fish experienced major growth, more than doubling (+137 percent) between 2000 and 2019, going from about 25 million tonnes in 2000 (19 percent of the total) to 58 million tonnes in 2019. Other major increases were experienced by crustaceans (+112 percent) and diadromous fish (+103 percent).

The significant expansion of the fisheries and aquaculture

production came with many transformations, including changes in the source of production being increasingly dependent on aquaculture. In the last three decades, aquaculture has been the main driver of the increase in fisheries and aquaculture production, with an average growth of 5.2 percent per year in the period 2000–2019, reaching a record 85.3 million tonnes in 2019. 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 inter-annual fluctuations in the range of 3 to 6 million tonnes. These fluctuations have been mainly determined by variations in catches of anchoveta in South America, particularly affected by climatic change variability, but they also depended on the productivity of ecosystems, fishing intensity management and fish stock

FIGURE 30.
WORLD CAPTURE FISHERIES AND AQUACULTURE PRODUCTION
BY SPECIES GROUP

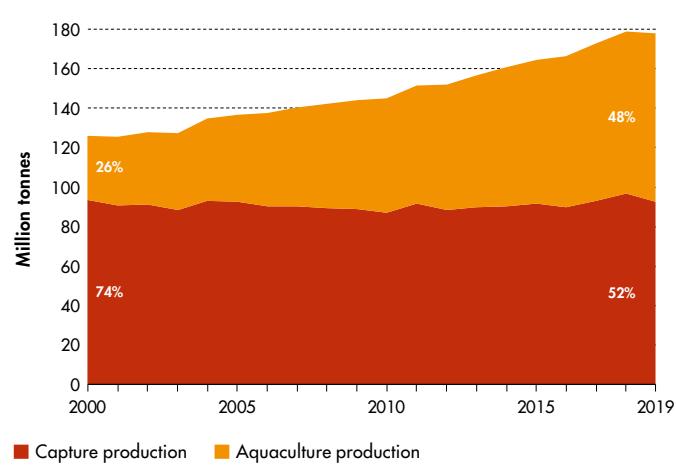


Source: FishStat

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

<https://doi.org/10.4060/cb447en-fig30>

FIGURE 31.
WORLD CAPTURE FISHERIES AND AQUACULTURE PRODUCTION
BY PRODUCTION MODE



Source: FishStat

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

<https://doi.org/10.4060/cb447en-fig31>

status. In 2019, capture fisheries production reached 92.5 million tonnes, down from its 2018 peak of 96.4 million tonnes, representing 52 percent of total production.

As seen in **TABLE 25**, Asia played a major role in the overall growth of fisheries and aquaculture production and represented about 70 percent of total production in 2019 compared to 57 percent in 2000. In 2019, the Americas had a share of 12 percent, followed by Europe (10 percent), Africa (7 percent) and Oceania (1 percent). China is by far the main producer for both capture fisheries and aquaculture, with a 36 percent share of the total production in 2019, compared with 30 percent in 2000. In 2019, other major producers were Indonesia and India, and these three countries together represented slightly more than 50 percent of total fisheries and aquaculture production. These three countries were also the dominant producers for capture fisheries and aquaculture. The overall share of the top three producers was 73 percent of aquaculture and 30 percent of capture fisheries in 2019. 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, 35.8 million tonnes of seaweed and other aquatic plants were produced in 2019, the bulk of which (97 percent) originating from culture-based practices. If aquatic plants are also included, since 2013 aquaculture became the main source of fishery and aquaculture production, with a share of 56 percent of the total in 2019.¹⁶

PRODUCTION OF THE FORESTRY SECTOR

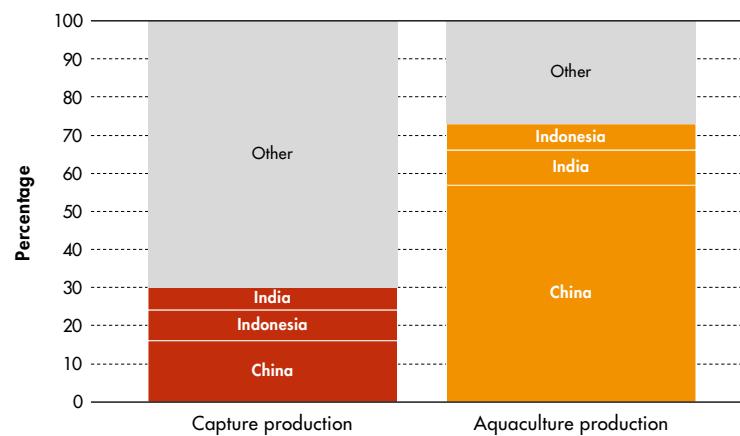
Global production of roundwood rose from 3.5 billion m³ in 2000 to around 4 billion m³ in 2019, which represents a 14 percent increase over the period (see **FIGURE 33**). In 2019, wood fuel was the main product with a 49 percent share of the total (1.9 billion m³), followed by coniferous industrial roundwood with 29 percent (1.2 billion m³) and non-coniferous industrial roundwood with 22 percent (0.9 billion m³). In particular, the rebound was quite strong after the decline in coniferous industrial roundwood production in 2009, which resulted in the lowest total roundwood production during the 2000–2018 period. As seen in **TABLE 26**, Asia and the Americas are the two main producing regions, accounting each for 28–29 percent of the total roundwood production; Africa and Europe have similar shares of 20–21 percent, while Oceania represents the remaining 2 percent.

The share of the combined three main producers of roundwood commodities in 2019 was roughly 30 percent for wood fuel, 40 percent for non-coniferous industrial roundwood and 50 percent for coniferous industrial roundwood (see **FIGURE 34**).

As many developing countries rely on wood for energy purposes (notably cooking), the larger producers are all in this category: in 2019, India ranked first with 302 million m³ (16 percent of total production), followed by China with 160 million m³ and Brazil with 123 million m³ (respectively 8 percent and 6 percent of global production). **TABLE 26** shows that five African countries are included in the top 10: 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 an established logging industry. In

FIGURE 32.
WORLD CAPTURE FISHERIES AND AQUACULTURE PRODUCTION BY MAIN PRODUCERS (2019)



Source: FishStat

Note: Excludes aquatic mammals, crocodiles, alligators and caimans, pearls and shells, corals, sponges, seaweeds and other aquatic plants

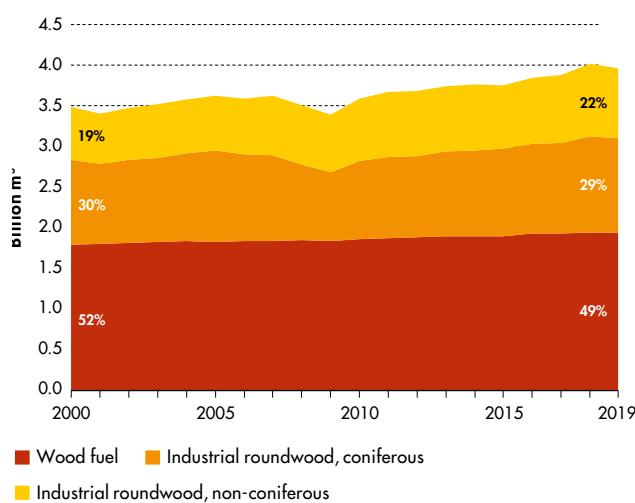
<https://doi.org/10.4060/cb4477en-fig32>

the case of coniferous industrial roundwood, the top producers in 2019 were the United States of America, with a production of 294 million m³ (25 percent of the total production),

followed by the Russian Federation with 162 million m³ (14 percent) and Canada with 114 million m³ (10 percent). China led the production of non-coniferous industrial roundwood

in 2019, with 152 million m³ (18 percent of the global production), followed by Brazil (101 million m³, or 12 percent) and the United States of America (94 million m³, or 11 percent).

FIGURE 33.
WORLD PRODUCTION OF ROUNDWOOD BY TYPE

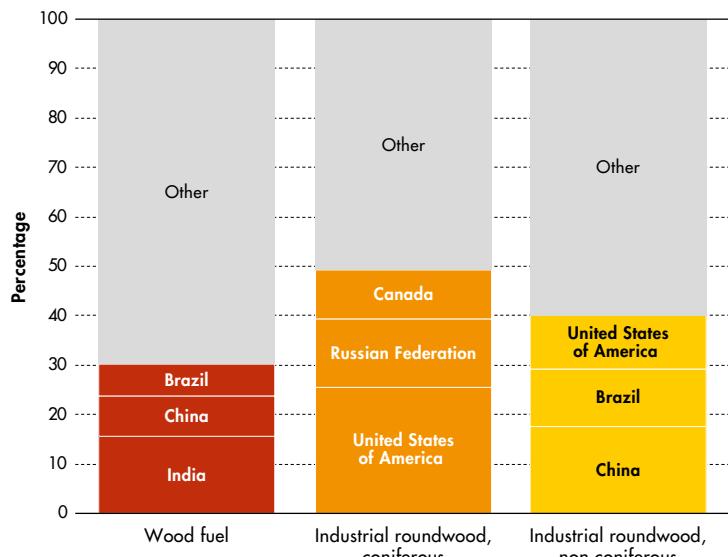


Source: FAOSTAT

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

<https://doi.org/10.4060/cb4477en-fig33>

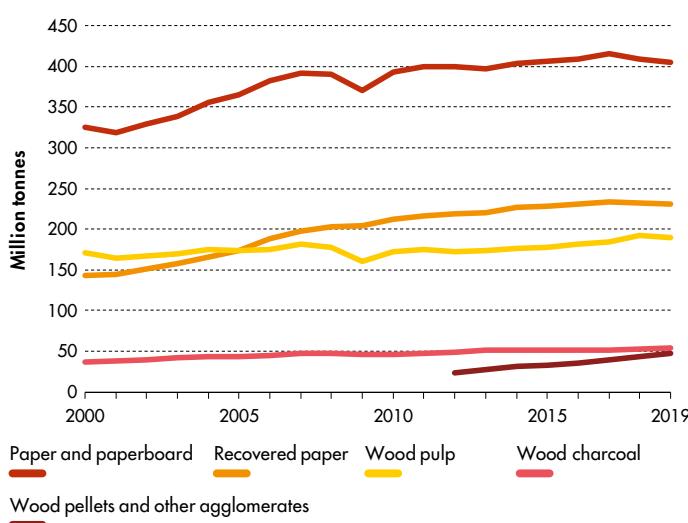
FIGURE 34.
WORLD PRODUCTION OF ROUNDWOOD BY TYPE, MAIN PRODUCERS (2019)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-fig34>

FIGURE 35.
WORLD PRODUCTION OF SELECTED FOREST PRODUCTS



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-fig35>

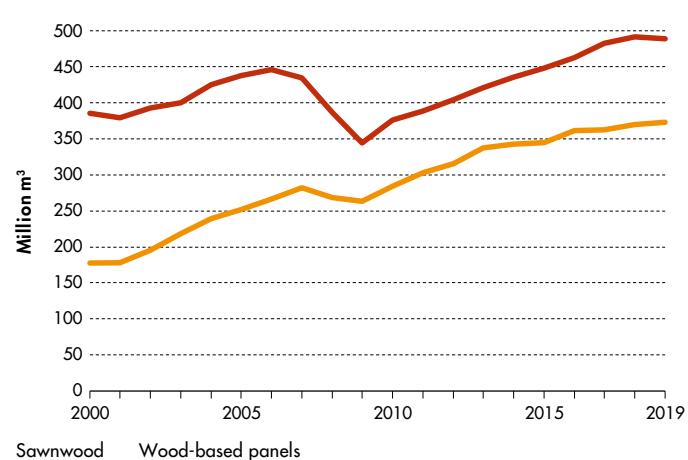


FIGURE 35 and **TABLE 27** show the production of the main products derived from wood. The production of paper and paperboard declined for the second consecutive year, reaching 405 million tonnes – a decrease of 0.8 percent over the 2018 production. The same is true for recovered paper, with a production of 231 million tonnes in 2019 (-0.5 percent over the 2018 production). Over the 2000–2019 period though, the two products show a production increase of 25 percent (paper and paperboard) and 61 percent (recovered paper). Wood pulp production dropped by 1 percent to 190 million tonnes in 2019 compared to its 2018 peak, but is still up 11 percent compared to the 2000 amounts. The production of wood charcoal reached its highest value in 2019 with

54 million tonnes, up 46 percent from the 2000 level. Wood pellets and other agglomerates, for which data collection was started in 2012, show a steady growth with a production record of 47 million tonnes in 2019, an increase of 102 percent since the 23 million tonnes produced in 2012. World production of sawnwood recovered strongly from its low point of 2009 and dipped slightly in 2019 from its 2018 record, to 489 million m³, an increase of 27 percent compared with 2000. The production of wood-based panels has steadily increased since 2009, with the 373 million m³ produced in 2019 representing a 109 percent increase from the 2000 production.

TRADE

The monetary value of global food exports multiplied by 3.6 in

nominal terms between 2000 and 2019, from about USD 380 billion in 2000 to slightly less than USD 1.4 trillion in 2019, with strong increases in all food commodity groups (see **FIGURE 36**). Fruit and vegetables accounted for 20 percent of the total value of food exports in 2019, followed by cereals and preparations (14 percent). Fish and meat each had a share of 11 percent. As seen in **TABLE 28**, the United States of America was the largest food exporter in 2019 with 9 percent of the total, followed by the Netherlands and China (6 percent each).

Looking at the 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 105 billion surplus in

FIGURE 36.
VALUE OF WORLD FOOD EXPORTS BY GROUP

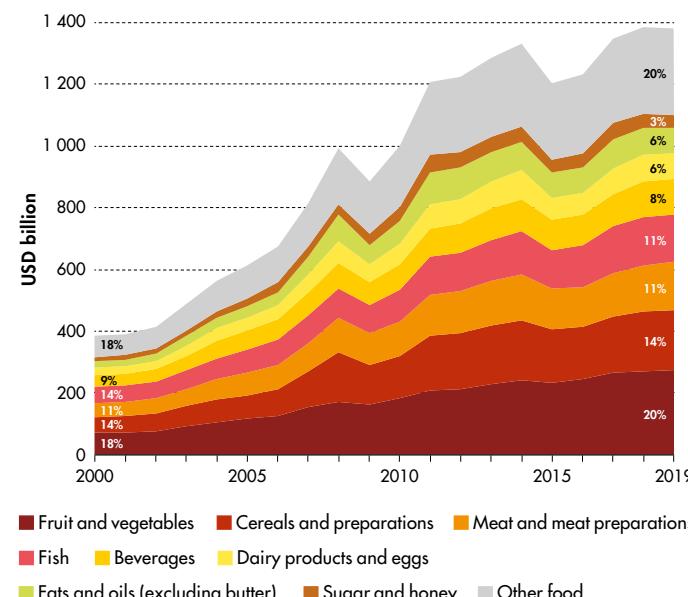
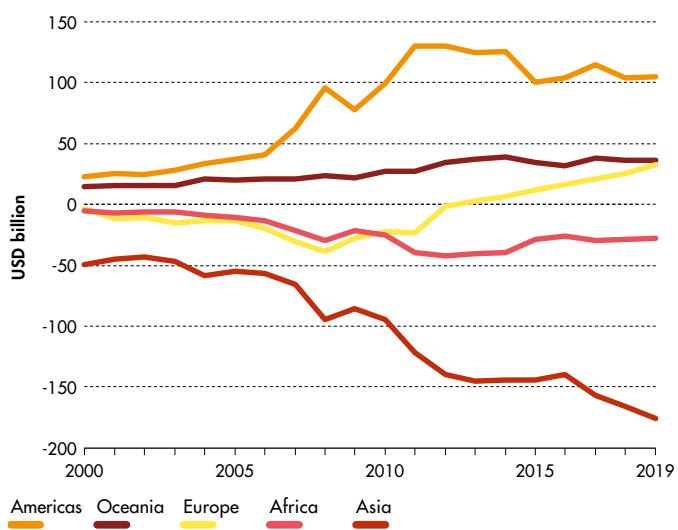


FIGURE 37.
FOOD NET TRADE BY REGION



Source: FAOSTAT, FishStat

Note: Values for fish exclude trade of aquatic mammals, crocodiles, alligators and caimans, fishmeal, fish oil, ornamental fish, fish for culture, seaweeds and other aquatic plants. Percentages on the figure indicate the shares in the total; they may not tally due to rounding.

<https://doi.org/10.4060/cb4477en-fig36>

Source: FAOSTAT, FishStat

Note: Values for fish exclude trade of aquatic mammals, crocodiles, alligators and caimans, fishmeal, fish oil, ornamental fish, fish for culture, seaweeds and other aquatic plants.

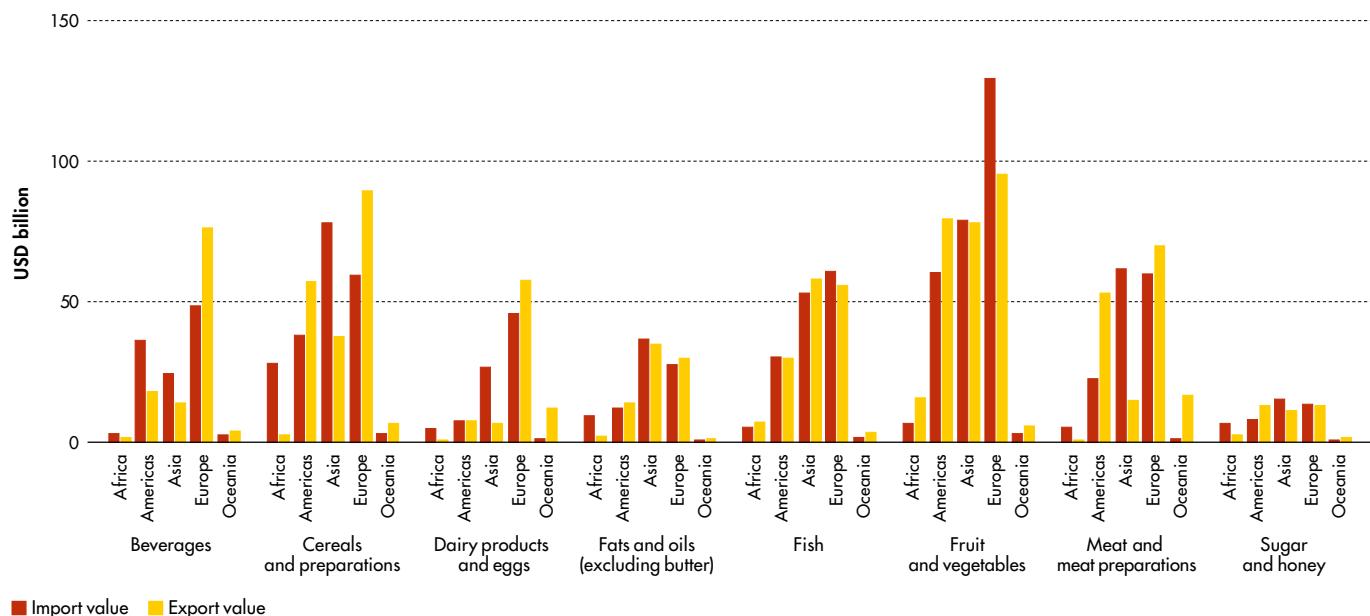
<https://doi.org/10.4060/cb4477en-fig37>

2019, and Asia as the largest net importer, posting a USD 176 billion deficit in 2019 (see **FIGURE 37**). Oceania remained a net exporter of food during the 2000–2019

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 is almost at the same level as

Oceania. As seen in **TABLE 29**, the largest net exporting countries in 2019 are Brazil (+USD 58 billion), Argentina (+USD 25 billion) and the Netherlands (+USD 22 billion).

FIGURE 38.
FOOD IMPORTS AND EXPORTS BY MAIN CATEGORIES AND REGION (2019)

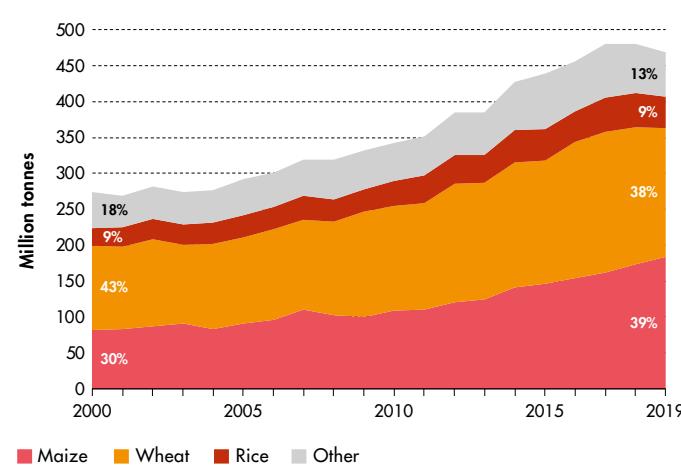


Source: FAOSTAT, FishStat

Note: Values for fish exclude trade of aquatic mammals, crocodiles, alligators and caimans, fishmeal, fish oil, ornamental fish, fish for culture, seaweeds and other aquatic plants.

<https://doi.org/10.4060/cb4477en-fig38>

FIGURE 39.
WORLD EXPORTS OF CEREALS BY MAIN COMMODITIES

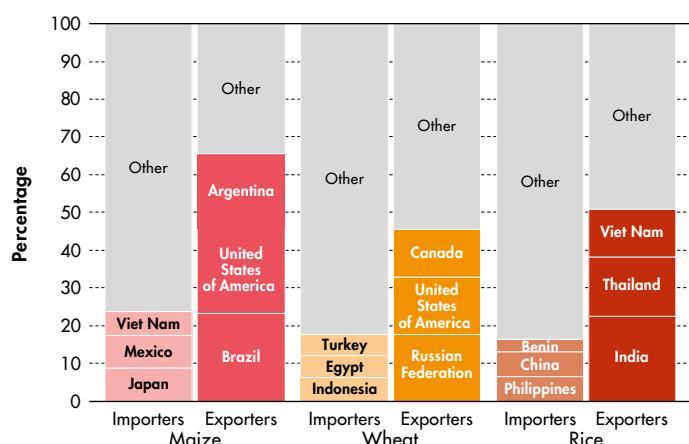


Source: FAOSTAT

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

<https://doi.org/10.4060/cb4477en-fig39>

FIGURE 40.
MAIN TRADED CEREALS, TOP IMPORTERS AND EXPORTERS (QUANTITIES, 2019)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-fig40>

Looking at **TABLE 28**, Brazil derives a large share of its food exports from soybeans (included in the “Other food” category), Argentina from cereals and the Netherlands from fruit and vegetables. The largest net importing countries are China (-USD 90 billion), Japan (-USD 54 billion) and the United States of America (-USD 31 billion). **TABLE 30** shows that meat accounts for the larger share of China’s food imports, while fish is Japan’s main food import and fruit and vegetables the United States of America’s.

Trade flows vary considerably between regions and commodity groups (see **FIGURE 38**). The largest individual flows are observed for fruit and vegetables, with Europe importing USD 129 billion and exporting USD 95 billion in 2019. Asia was the top importing region for cereals and preparations, fats and oils, meat and meat preparations, and sugar and honey;

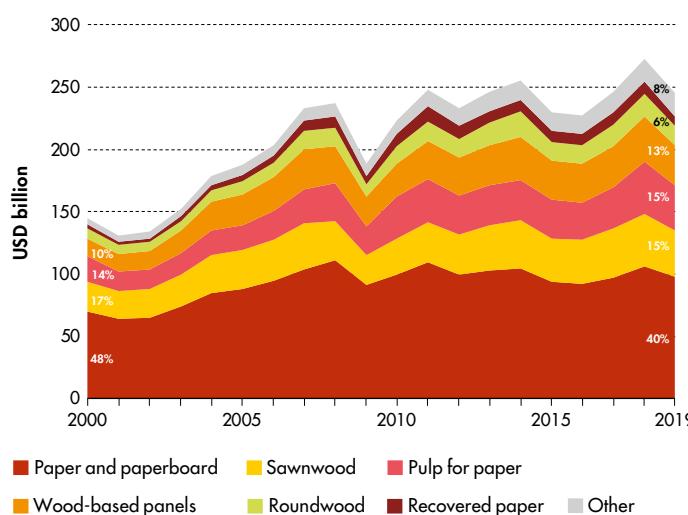
for beverages, dairy and eggs, fish and fruit and vegetables, the main importer was Europe. For all commodity groups but two, Europe was the main exporter; Asia led for fats and oils and fish. Meat and meat preparations are the commodity group with the largest net trade amounts: Asia’s trade deficit was USD 47 billion, while the Americas’ surplus was USD 30 billion. In 2019, Asia was a net importer of all commodity groups but fish, and Africa was a net importer of all commodity groups but fish, and fruit and vegetables. Oceania was a net exporter of all commodity groups in 2019. 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 34 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 468 million tonnes in 2019 (see **FIGURE 39** and **TABLE 31**). This is 194 million tonnes, or 71 percent more than in 2000, but 12 million tonnes lower than the 2018 record exports – a decline mostly due to lower wheat exports. Three crops accounted for 87 percent of all exports in 2019: maize (39 percent), wheat (38 percent) and rice (9 percent). Maize became in 2019 the most exported cereal by weight, a result of steadily increasing maize exports over the past decade and a decrease of wheat exports since 2017.

For each of the main traded cereals, exports tend to originate from a few countries while imports are more dispersed (see **FIGURE 40**).¹⁷ In 2019, the top three exporters accounted for significant shares of the total exports:

FIGURE 41.
VALUE OF WORLD FOREST PRODUCT EXPORTS



Source: FAOSTAT

Note: Percentages on the figure indicate the shares in the total; they may not tally due to rounding.
<https://doi.org/10.4060/cb4477en-fig41>

FIGURE 42.
FAO FOOD PRICE INDEX, WORLD (2014–2016=100)



Source: FAO

<https://doi.org/10.4060/cb4477en-fig42>

66 percent for maize, 46 percent for wheat and 51 percent for rice. In comparison, the top three importers accounted for 15 to 25 percent of the total imports for these commodities. The main producers tend to also feature among the main exporters. China stands out as a major producing country focusing on domestic demand since its exports are fairly small compared to its production (TABLES 20 and 32); it is also the second largest importer of rice.

The nominal value of global forest products exports amounted to USD 244 billion in 2019, up USD 100 billion or 69 percent compared with 2000, but down USD 28 billion, or 10 percent from the record high USD 273 billion of 2018 (see FIGURE 41 and TABLE 33).

All the main products rebounded after their sharp drop in 2009. With 40 percent of the total value, paper and paperboard was the most traded commodity in 2019, even though its share steadily declined from 48 percent in 2000. Together with pulp for paper and recovered paper, it accounts for 58 percent of the total. Pulp for paper, sawnwood and wood-based panels each represented 13 to 15 percent of the value of forestry exports in 2019, with small changes compared to their 2000 shares.

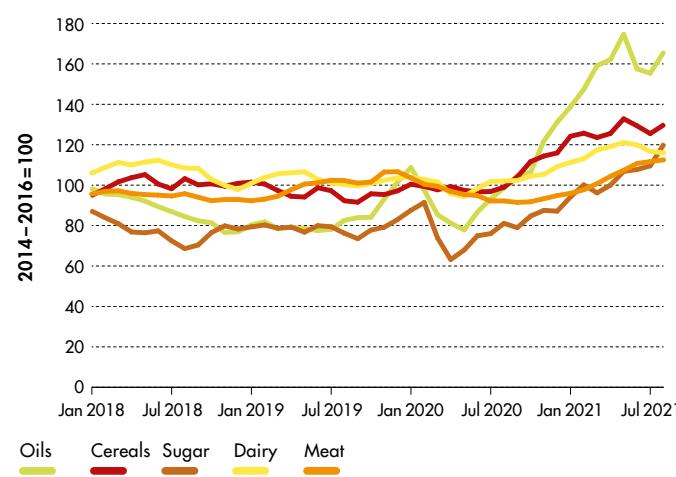
PRICES

The Food and Agriculture Organization of the United Nations (FAO) Food Price Index, which measures the monthly change in international prices of a basket of food

commodities, 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 2014–2016. Since January 2000, it went up 74.8 points to 127.4 points in August 2021 (see FIGURE 42 and TABLE 34).

The FAO Food Price Index surged 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

FIGURE 43.
FAO FOOD COMMODITY PRICE INDICES, WORLD (2014–2016=100)



Source: FAO

<https://doi.org/10.4060/cb4477en-fig43>

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



Source: FAO

<https://doi.org/10.4060/cb4477en-fig44>

price levels only five years later, in January 2016. The FAO Food Price Index declined during the early phase of the COVID-19 pandemic reflecting uncertainties faced by commodity markets. However, it increased for 12 months in a row between May 2020 and May 2021 to its highest value since 2011, as COVID-19 restrictions affected supply chains and pushed prices up.

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 43**. The market fundamentals of supply and demand, as well as exchange rates dynamics, drive the evolution of international prices. The indices for vegetable oils and sugar show great volatility since the beginning of 2018, with a sharp drop during the first months of 2020 (as the COVID-19 pandemic disrupted international food

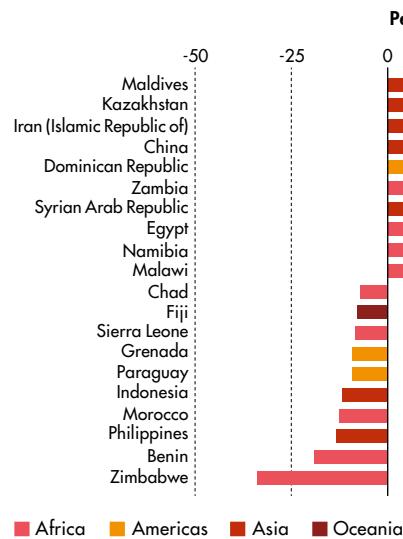
markets) followed by a doubling over the following 16 months. Even though the indices for all commodity groups increased in 2021 to their highest levels since 2018, the indices for cereals, dairy and meat appear less volatile.

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 100.3 points in August 2021. It showed several fluctuations during the overall period with higher prices experienced in 2008, 2011, 2013, 2014, from 2016 to early 2019 and in early 2021 (see **FIGURE 44**).

Alternatively, the index dropped in 2012, 2015 and 2020. Being an average, it 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. For example, tunas, which rely almost entirely on capture fisheries, showed more price fluctuations than shrimps, which are increasingly sourced from aquaculture. In the first half of 2021, the price indices of all commodity groups were up compared with the same period in 2020, except for tunas.

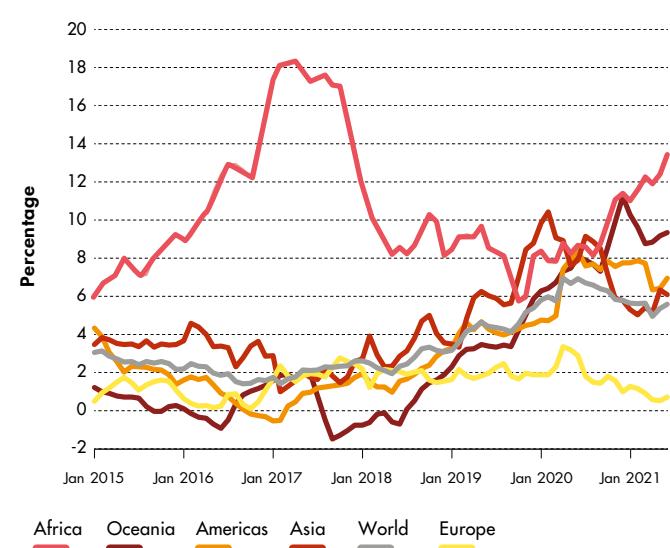
Looking at the country level, changes in domestic prices received by agricultural producers varied between -34 percent (in Zimbabwe) and +53 percent (in the Maldives) in 2019 compared with 2018 (see **FIGURE 45** and **TABLE 35**).

FIGURE 45.
CHANGES IN PRICES RECEIVED BY FARMERS, TOP AND BOTTOM COUNTRIES (2019)



Source: FAOSTAT
<https://doi.org/10.4060/cb4477en-fig45>

FIGURE 46.
CONSUMER PRICE INFLATION RATES FOR FOOD BY REGION



Source: FAOSTAT
<https://doi.org/10.4060/cb4477en-fig46>

The largest fluctuations, either up or down, often took place in Asia and Africa. Many factors can affect producer prices, including favourable or poor harvests compared to 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 to consumer prices.

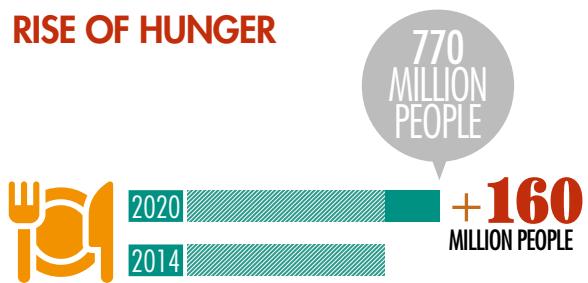
Consumer prices for food increased unevenly across regions between 2015 and 2021 (see **FIGURE 46** and **TABLE 36**). While the world average fluctuated between 1.4 percent and 3.3 percent between January 2015 and the beginning of 2019, it then increased steadily to peak at 7 percent in April 2020, when the COVID-19 pandemic started to affect the world economy. It has since slowly decreased but remained at or above 5 percent. Africa experienced the highest inflation rate in food prices for most of the period, reaching a peak at 18.4 percent in April 2017. Inflation in food prices accelerated markedly starting in the second half of 2020, from 8.2 percent in September 2020 to 13.4 percent in June 2021. For most of the period, Asia had the second highest

inflation rate in food prices, which almost doubled from 5.7 percent in September 2020 to 10.4 percent in February 2020 before decreasing to around 6 percent in 2021. Inflation rates in food prices, which had been negative for several months in a row in the Americas in 2016–2017 and Oceania in 2016–2018, have steadily increased to their highest value in 2020: 8.4 percent in June 2020 for the Americas (followed by a plateau for most of 2021), and 11.2 percent in December 2020 for Oceania (followed by a drop to around 9 percent). In contrast, the increase in consumer prices for food has remained around 2 percent in 2017–2019 in Europe, with a brief increase to 3.4 percent in April 2020 followed by a decrease to 0.7 percent in June 2021.

CHAPTER 3

KEY FACTS

RISE OF HUNGER



Hunger is on the rise, with almost 770 million people undernourished in 2020, close to 160 million more than in 2014, and 118 million more than in 2019.

PREVALENCE OF UNDERNOURISHMENT



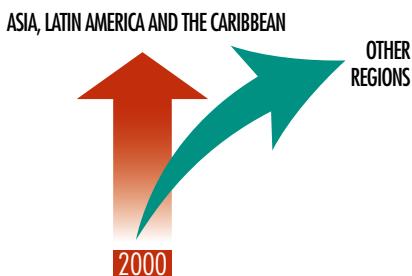
While most of the undernourished people live in Asia, Africa has the highest prevalence of undernourishment.

PREVALENCE OF FOOD INSECURITY



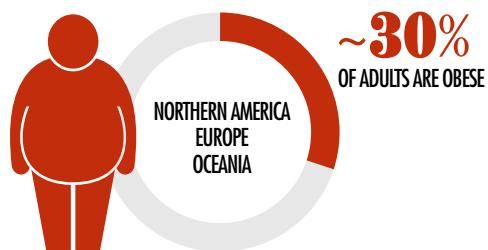
In every continent, the prevalence of moderate or severe food insecurity is slightly higher for women than for men, with the largest differences found in Latin America and the Caribbean.

DIETARY ENERGY SUPPLY



Dietary energy supply went up in all regions since 2000, with the fastest increases in Asia and Latin America and the Caribbean.

INCREASE OF OBESITY



Obesity has increased in all regions. Almost 30% of adults in Northern America, Europe and Oceania are obese.

3 FOOD SECURITY AND NUTRITION

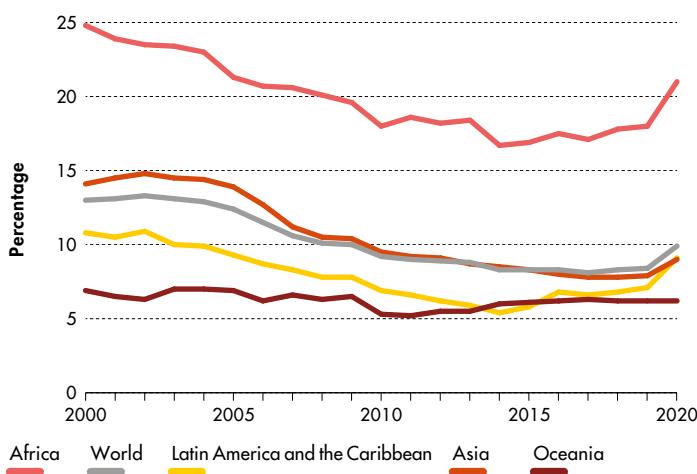
FOOD SECURITY

After a decades-long decline and five years of stability since 2014, the global level of the prevalence of undernourishment (PoU) has increased sharply between 2019 and 2020, mostly due to the COVID-19 pandemic (see **FIGURE 47** and **TABLE 37**). Nearly 10 percent of the world population suffered from hunger in 2020, compared with 8.4 percent in 2019. The situation is most alarming in Africa, where the PoU is the highest among all regions and has increased the most between 2019 and 2020 – by

3 percentage points. In 2020, 21 percent of the population in Africa were undernourished. The PoU in Latin America and the Caribbean, which was also increasing since 2014, jumped from 7.1 percent in 2019 to 9.1 percent in 2020. In Asia, the PoU has been mostly declining since 2002 and remained the second highest among all regions until 2019; the increase between 2019 and 2020 was just 1.1 percentage points, from 7.9 percent to 9 percent. The PoU in Oceania has stayed stable since 2014 at around 6.2 percent.

Almost 770 million people in the world were still hungry in 2020 (see **FIGURE 48**). While this level is 4 percent less than in 2000, it is 18 percent more than in 2019, equivalent to 118 million additional people going hungry in one year. Even though its PoU is the third highest, Asia is home to 54 percent of the world's hungry people due to its large population base, and the two countries with the largest number of hungry people are in Asia (see **TABLE 38**). Even though the number of hungry people in Asia declined

FIGURE 47.
PREVALENCE OF UNDERNOURISHMENT BY REGION

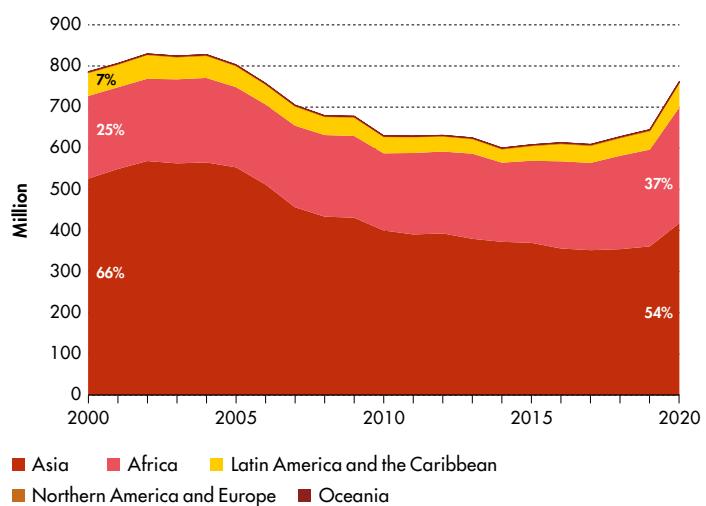


Source: FAOSTAT

Note: The prevalence of undernourishment for Northern America and Europe is estimated to be less than 2.5 percent. Values for 2020 are projections.

<https://doi.org/10.4060/cb4477en-fig47>

FIGURE 48.
NUMBER OF PEOPLE UNDERNOURISHED BY REGION



Source: FAOSTAT

Note: Percentages on the figure indicate the shares in the total; they may not tally due to rounding. Values for 2020 are projections.

<https://doi.org/10.4060/cb4477en-fig48>

by 31 percent, or 165 million, between 2000 and 2019, it went up 57 million between 2019 and 2020 to 418 million – reducing the decrease between 2000 and 2020 to 21 percent. In Latin America and the Caribbean, 60 million people were undernourished in 2020, an increase of 30 percent, or 14 million people, from 2019, and a 6 percent increase from 2000. By contrast, the hungry population in Africa increased by 46 million, or 20 percent, from 2019, reaching 282 million in 2020, which is a 40 percent increase from the 2000 value. Hunger in Oceania increased by 23 percent, or 0.5 million people, during the 2000–2020 period, of which 0.1 million were added between 2019 and 2020.

In 2020, 11.9 percent of the world population (928 million people) were exposed to severe food insecurity based on the Food Insecurity Experience Scale (FIES) (see **FIGURE 49**). The levels and trends over the 2014–2020 period 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. As one of the official Sustainable Development Goal (SDG) indicators, the prevalence of moderate or severe food insecurity provides additional information on people who do not have regular access to nutritious and sufficient food,

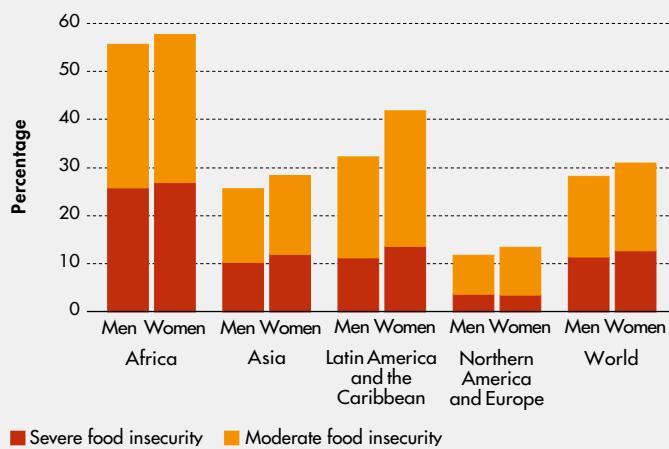
even if they are not necessarily suffering from hunger. In 2020, it is estimated that an additional 18.5 percent of the world population, or 1.4 billion people, have experienced food insecurity at moderate levels. This brings the total estimates for moderate or severe food insecurity in 2020 to 30.4 percent of the world population, or 2.4 billion people.

Similar to the PoU, food insecurity experienced a steep increase between 2019 and 2020 equal to that of the previous five years combined. Nearly one in three people in the world (2.37 billion) did not have access to nutritious and sufficient food in 2020 – an increase of almost 320 million people in just one year. As seen in **TABLE 39**, moderate or severe food insecurity is much higher in Africa than in any other part of the world, affecting close to 60 percent of the population in 2020. This is followed by Latin America (41 percent), Asia (26 percent), Oceania (12 percent) and Northern America and Europe (9 percent).

BOX 2. FOCUS ON THE STATE OF FOOD SECURITY AND NUTRITION IN THE WORLD (SOFI) 2021

The Food Insecurity Experience Scale (FIES) data collected by FAO in more than 140 countries over six years at the individual (rather than household) level provide a unique opportunity to produce gender-disaggregated estimates for the prevalence of food insecurity. In every region, the prevalence of moderate or severe food insecurity is slightly higher in adult women than in adult men, with the largest differences found in Latin America and the Caribbean. Differences are statistically significant.¹⁸

FIGURE B2.
FOOD INSECURITY LEVELS BY REGION AND GENDER (2020)

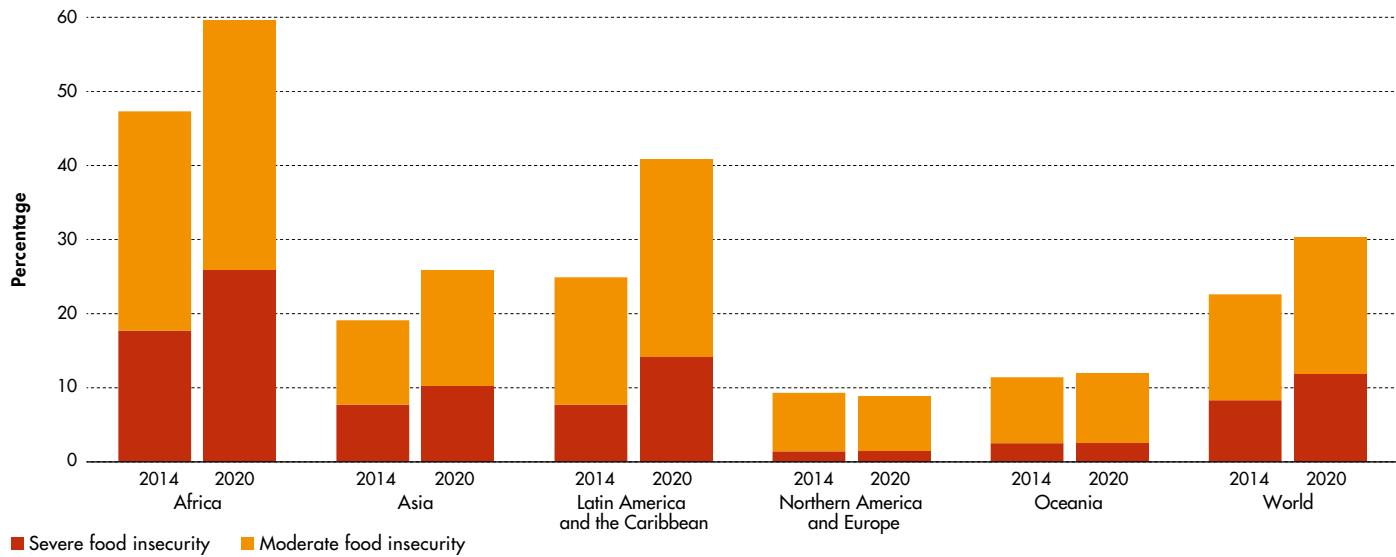


Source: FAO, IFAD, UNICEF, WFP and WHO
<https://doi.org/10.4060/cb4477en-figB2>

FOOD SUPPLY

The world average dietary energy supply (DES), measured as calories per capita per day, has been increasing steadily to 2 950 kcal per person per day over the period from 2018 to 2020, up 9 percent compared with 2000 to 2002 (see **FIGURE 50** and **TABLE 40**). It is the highest in Northern America and Europe at about 3 520 kcal per person per day; the gap with Oceania and Latin America and the Caribbean, slightly above 3 000 kcal per person per day, is substantial. The fastest increase took place in Asia

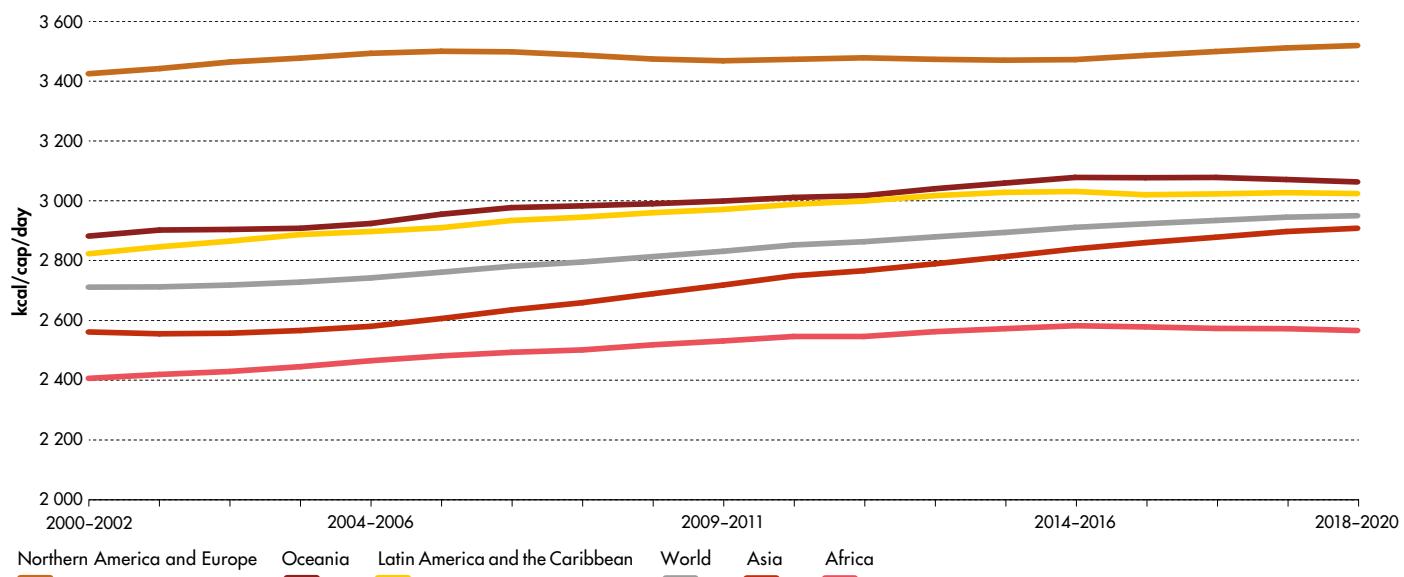
FIGURE 49.
FOOD INSECURITY LEVELS BASED ON THE FOOD INSECURITY EXPERIENCE SCALE BY REGION



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-fig49>

FIGURE 50.
AVERAGE DIETARY ENERGY SUPPLY BY REGION

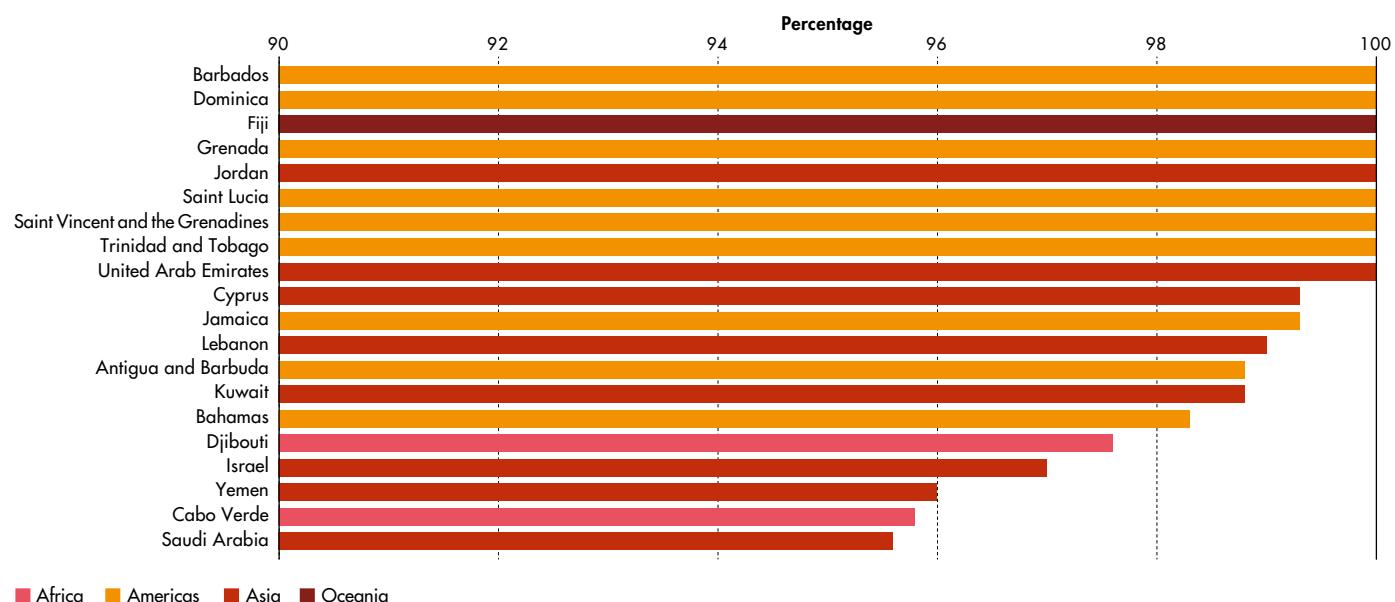


Source: FAOSTAT

Note: This series is used for estimating the prevalence of undernourishment. Values for 2019 and 2020 are projections.

<https://doi.org/10.4060/cb4477en-fig50>

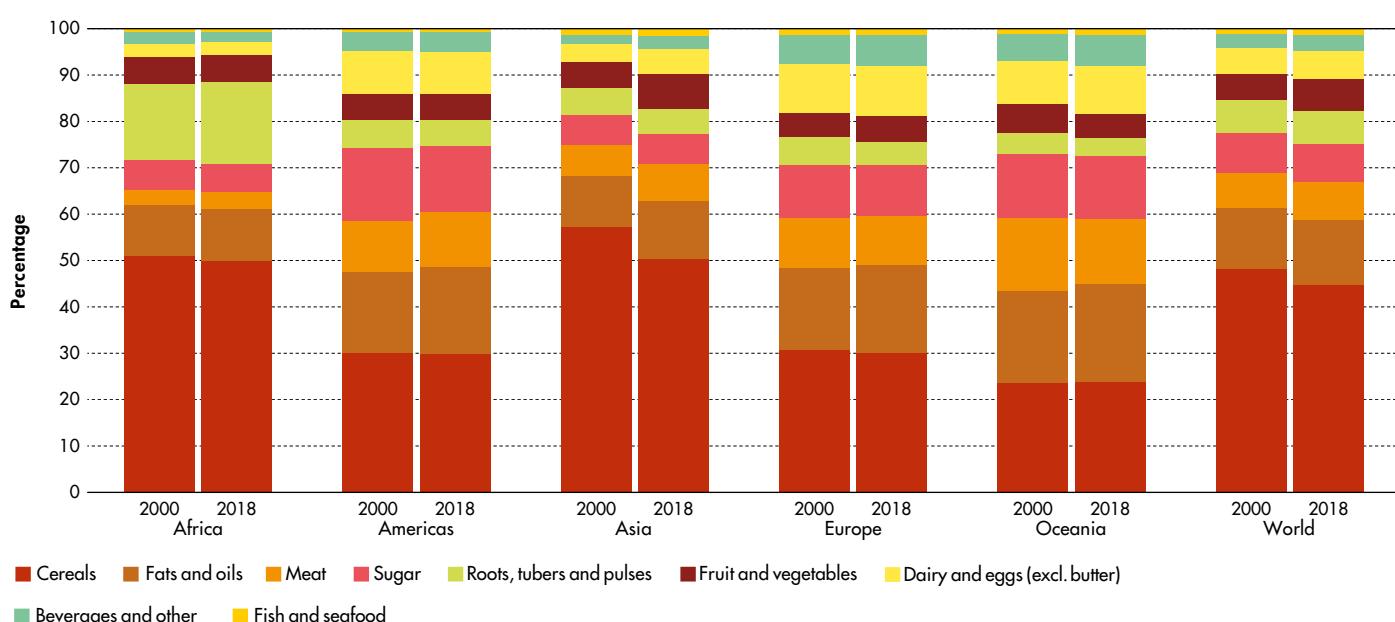
FIGURE 51.
CEREAL IMPORT DEPENDENCY RATIO, TOP COUNTRIES (2016–2018)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-fig51>

FIGURE 52.
DIETARY ENERGY SUPPLY BY REGION AND COMMODITY GROUP



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-fig52>

where DES went up 14 percent over the last two decades. While the lowest among all regions, Africa has also witnessed a steady increase in DES followed by a slight decline in recent years, probably due to the drought in 2016 and political conflicts in some countries that adversely affected agricultural production.¹⁹

Given the importance of cereals as staple foods worldwide (see **FIGURE 52**) and the discrepancy between consumption and production in many countries, a measure of food security is the cereals imports dependency ratio, defined as the net trade of cereals (imports minus exports) divided by the total cereals supply in a country (the country's own production plus the imports minus the exports). Among the most cereals import-dependent countries in the period from 2016 to 2018, the majority are small island developing states²⁰ and countries in the Near East, where the natural conditions are not

favourable to cereals production (see **FIGURE 51** and **TABLE 41**).

The composition of the dietary energy supply, detailed in food balance sheets,²¹ varies greatly between the regions, with notable evolutions between 2000 and 2018 (see **FIGURE 52** and **TABLE 42**). Cereals were the most important contributor to the dietary energy supply in all regions, with shares in 2018 ranging from 24 percent in Oceania to 50 percent in Asia and Africa. Fats and oils is the second major food group in all the regions but Africa. Regional specificities include the high share of roots, tubers and pulses in Africa, of sugar in the Americas and Oceania, and of fats and oils in Oceania. Between 2000 and 2018, the most visible changes in the composition of the food supply took place in Asia (where the share of cereals dropped by 7 percentage points while that of fats and oils, meat, fruit and vegetables, and dairy and eggs increased significantly).

The average protein supply increased in all regions between 2000 and 2018 (see **FIGURE 53** and **TABLE 43**). The growth in developing regions was faster than the world average of 10 percent: 15 percent in Asia, 13 percent in Africa and 12 percent in Latin America and the Caribbean. The share of protein from animal origin went up across all regions as well (as a consequence of the increased share of meat, fish, and dairy and eggs in diets observed in **FIGURE 52**): it is highest in Oceania and lowest in Africa. Strong disparities also prevail between regions in terms of levels and composition. Protein supply was highest in Northern America and Europe in 2016–2018, with 105 g per person per day compared with 61 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 2016–2018, plants were the main source of protein in

BOX 3.

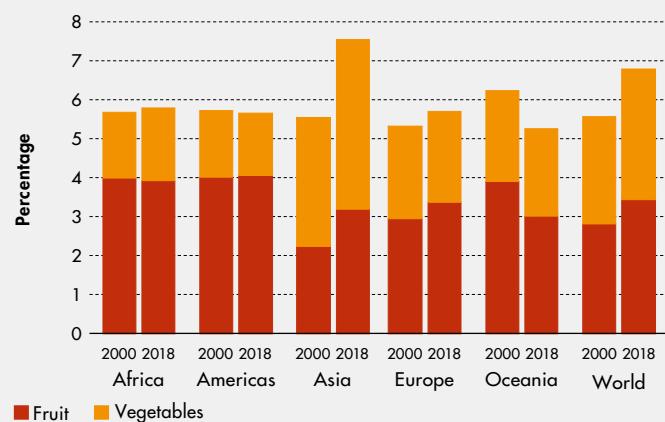
FOCUS ON THE INTERNATIONAL YEAR OF FRUITS AND VEGETABLES – DIETARY ASPECTS

The share of fruit and vegetables in the global dietary energy supply went from 5.6 percent in 2000 to 6.8 percent in 2018, with an even split between fruit and vegetables. Asia is the main driver behind this increase, as its share jumped from 5.6 percent in 2000 to 7.5 percent – the highest among all regions – in 2018. Africa and Europe also had increases, but much smaller. Oceania saw a significant decrease of 1 percentage point (due to a lower fruit consumption), while the decline in the Americas was marginal. The breakdown is roughly the same in Africa and the Americas, with the largest share of fruit in the total (around 4 percent) and the lowest share of vegetables (less than 2 percent), even though the absolute quantities consumed are higher in the Americas. Asia also stands out as the only region where the share of vegetables in dietary energy supply is greater than that of fruit.

Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-figB3>

FIGURE B3.
FRUIT AND VEGETABLES SHARE IN TOTAL DIETARY ENERGY SUPPLY BY REGION

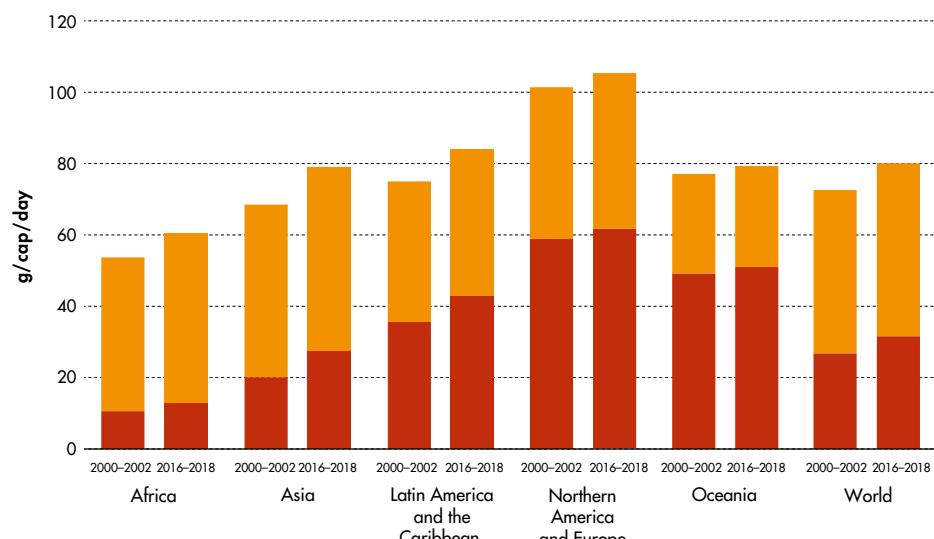


Africa (78 percent) and Asia (65 percent), but accounted for 49 percent in Latin America and the Caribbean, 41 percent in Northern America and Europe, and 36 percent in Oceania.

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 **TABLE 44**). In recent years, the average dietary supply adequacy in Africa remained unchanged or decreased because of the declining dietary energy supply in the region (see **FIGURE 50**).

FIGURE 53.
AVERAGE PROTEIN SUPPLY BY REGION AND ORIGIN



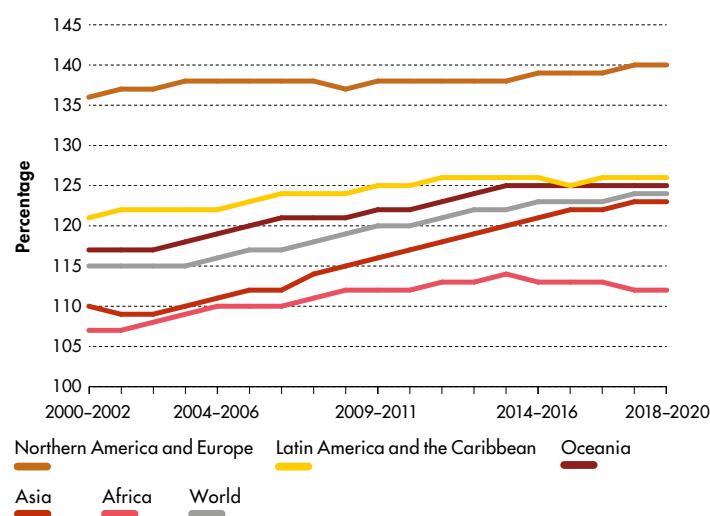
Source: FAOSTAT
<https://doi.org/10.4060/cb4477en-fig53>

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

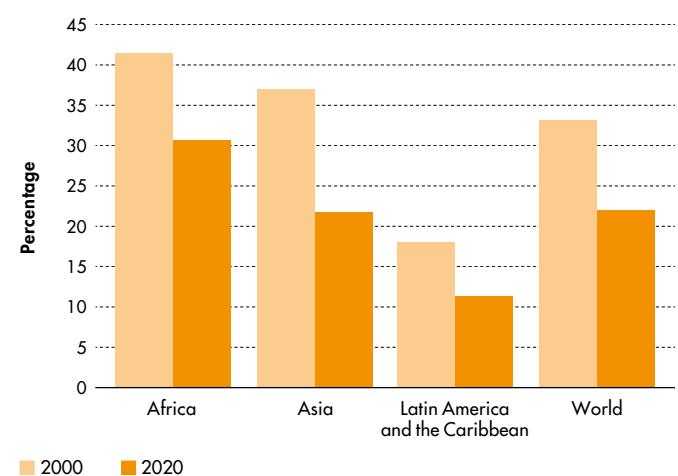
The prevalence of stunting among children under five years (as well as the number of stunted children) decreased worldwide from 33 percent in 2000 to 22 percent in 2020 (see **FIGURE 55**). The decrease

FIGURE 54.
AVERAGE DIETARY SUPPLY ADEQUACY BY REGION



Source: FAOSTAT
Note: Values for 2019 and 2020 are projections.
<https://doi.org/10.4060/cb4477en-fig54>

FIGURE 55.
PREVALENCE OF STUNTING IN CHILDREN UNDER 5 YEARS BY REGION



Source: FAOSTAT
<https://doi.org/10.4060/cb4477en-fig55>

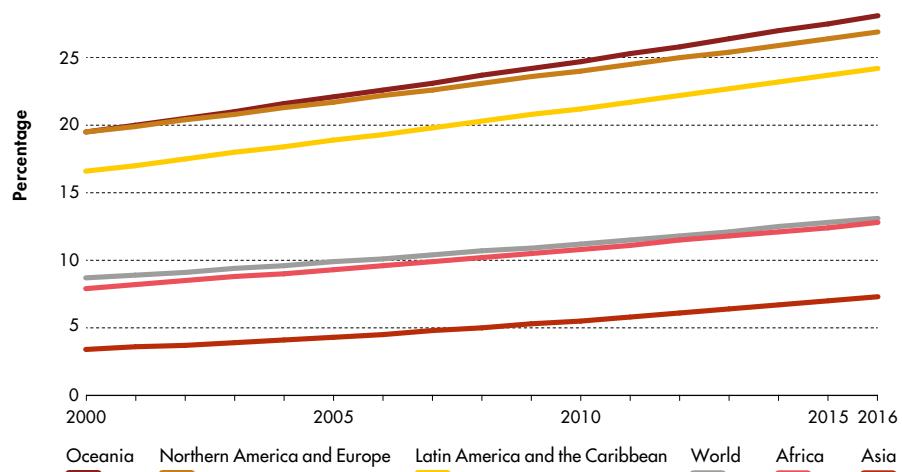
took place in all developing regions, with the largest drop in Asia, from 37 percent in 2000 to 22 percent in 2020. However, this global progress may have disguised a starker situation in some parts of the world. As seen in **TABLE 45**, the prevalence of child stunting is still extremely high in some countries, sometimes reaching more than 50 percent. A majority of the countries with a high prevalence of stunting are in Sub-Saharan Africa.

Obesity among adults of 18 years and above increased rapidly in every region of the world between 2000 and 2016 (see **FIGURE 56**). In 2016, 13.1 percent of the adult population in the world was obese, an increase from 8.7 percent in 2000. Oceania and Northern America and Europe had the highest prevalence of adult obesity (both at around 27–28 percent), followed by Latin America and the Caribbean. The prevalence of adult obesity in Africa and Asia was lower than the world average, although it has been steadily increasing.

The 20 countries with the highest prevalence of obesity among adults in 2016 were clustered in the Pacific Islands, the Near East and North Africa (see **FIGURE 57**). In all of them, 30 percent or more of the population is obese, with the highest proportion in Nauru at

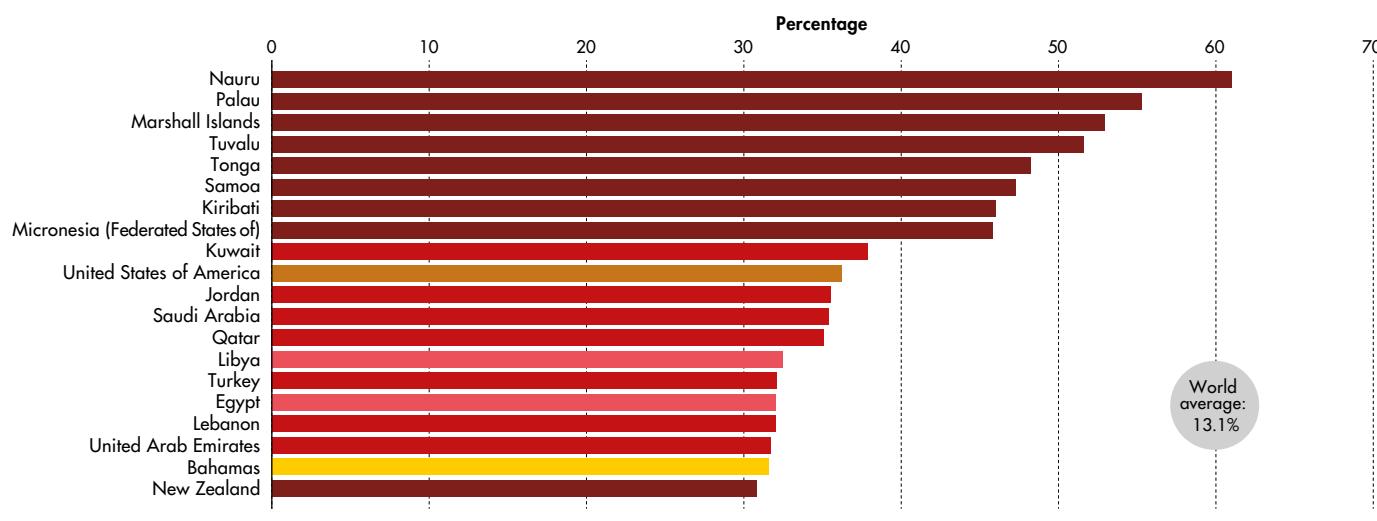
61 percent. For many of these countries, multiple forms of malnutrition coexist: in Egypt, for example, the prevalence of child stunting was as high as 22.3 percent in 2014 (see **TABLE 45**), while the prevalence of adult obesity was 32 percent in 2016 (see **TABLE 46**).

FIGURE 56.
PREVALENCE OF OBESITY IN THE ADULT POPULATION BY REGION



Source: FAOSTAT
<https://doi.org/10.4060/cb4477en-fig56>

FIGURE 57.
PREVALENCE OF OBESITY IN THE ADULT POPULATION, TOP COUNTRIES (2016)



■ Africa ■ Asia ■ Latin America and the Caribbean ■ Northern America and Europe ■ Oceania

Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-fig57>

CHAPTER 4

KEY FACTS

AGRICULTURAL AND FOREST LAND DECLINE



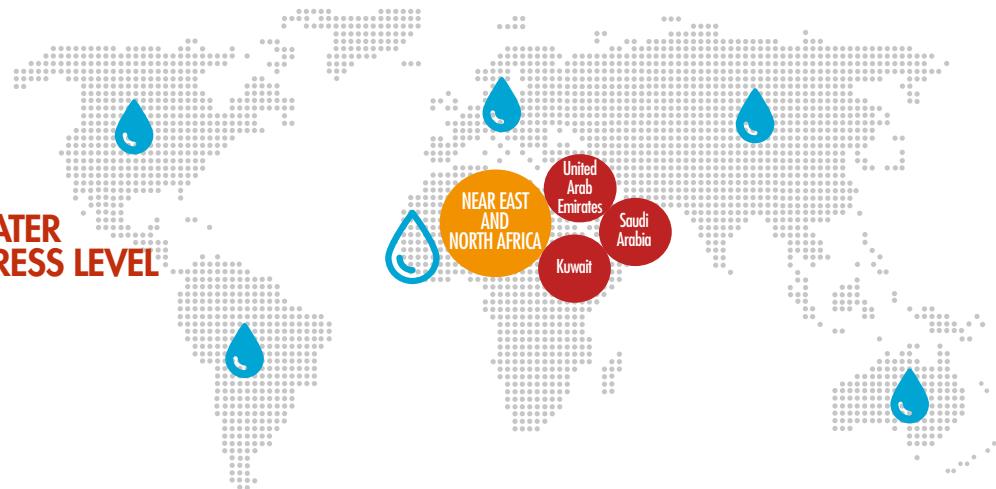
Between 2000 and 2019, agricultural land declined by 127 million ha – roughly the size of the Niger – while forest area declined by 94 million ha – about the size of the United Republic of Tanzania.

PLANTED HARVESTED AREA



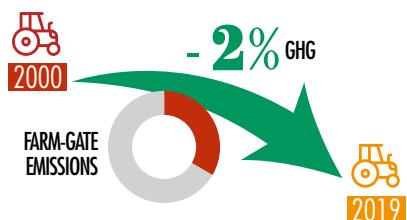
Half the harvested area is planted with cereals.

WATER STRESS LEVEL



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

GREENHOUSE GAS EMISSIONS ON AGRICULTURAL LAND



Greenhouse gas emissions on agricultural land declined by 2% between 2000 and 2019. Farm-gate emissions account for two-thirds of them.

FARM-GATE GREENHOUSE GAS EMISSIONS



Farm-gate greenhouse gas emissions went up 11% between 2000 and 2019. Around 55% of them are related to livestock.

4 SUSTAINABILITY AND ENVIRONMENTAL ASPECTS OF AGRICULTURE

LAND USE

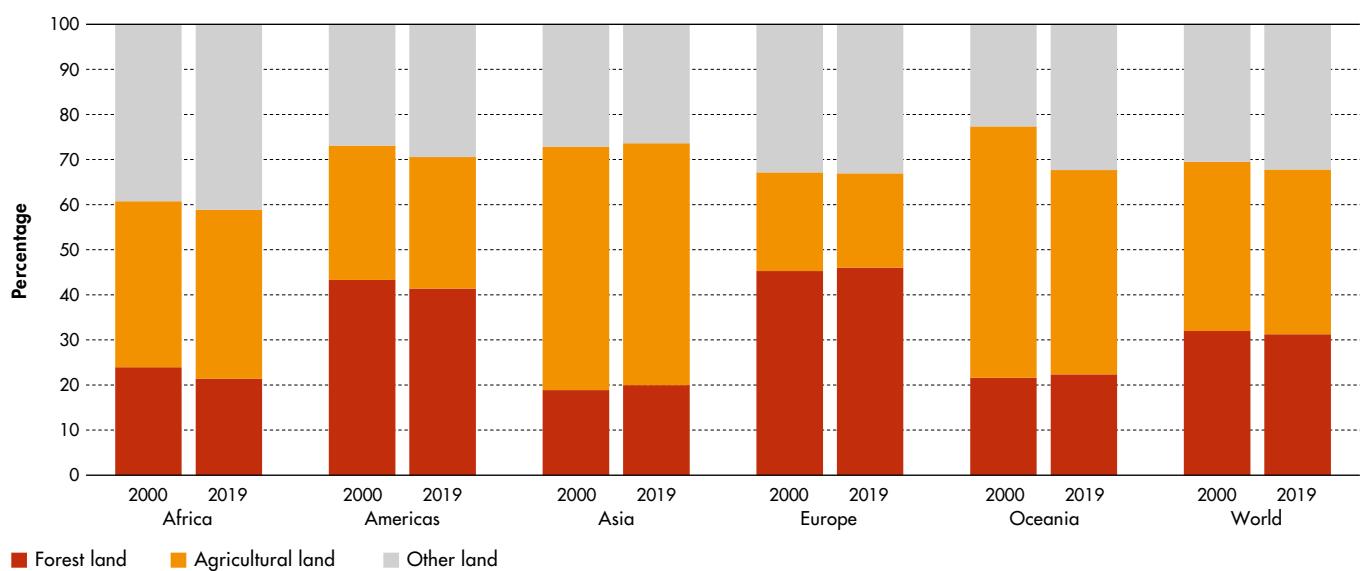
FIGURE 58 shows that the global shares of the three different types of land (agricultural, forest and other) in total land area remained relatively stable from 2000 to 2019 with slight reductions in agricultural land and forest land shares. Within regions, Europe has the largest share of forest land (46 percent), closely followed by the Americas (41 percent), while the other regions are all around 20 percent. More than half of all land (54 percent) in Asia is agricultural land, compared with 45 percent in Oceania, 37 percent in Africa, 29 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 and/or other land. Europe and Asia were the only regions to have forest land expansion coupled with agricultural land reduction from 2000 to 2019.

Countries with the highest share of forest area in land area are located in all regions of the world, mostly the tropical ones;

they also tend to be developing countries (see FIGURE 59). Forest covered 97 percent of the land area in Suriname, 94 percent in Guyana and 92 percent in the Federated States of Micronesia. The biggest increases in the share of forest area between 2000 and 2019 took place in Viet Nam (+9 percentage points), Cuba (+9 percentage points) and Fiji (+7 percentage points), while the largest decreases in the share of forest area over the same period happened in Paraguay (-17 percentage points), Nicaragua (-16 percentage points) and Cambodia (-14 percentage

FIGURE 58.
SHARE OF LAND AREA BY TYPE AND REGION



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-fig58>

points), as featured in **TABLE 48**. In absolute terms, the top country for afforestation was China, with an additional 41 million ha of forest between 2000 and 2019; deforestation was the strongest in Brazil as 53 million ha of forest were lost there in the 2000–2019 period (see **TABLE 47**).

FARMING

The global harvested area of primary crops went up 21 percent between 2000 and 2019 to 1.4 billion ha (see **FIGURE 60**). Cereals accounted for more than half the world's harvested area during the period, even though their share declined to 51 percent in 2019 (see **TABLE 49**). Oil crops covered 23 percent of the global harvested area and experienced the fastest growth in both absolute (+102 million ha) and relative terms (+46 percent). The other main crop groups each account

for less than 5 percent of the global harvested area. The overall harvested area did not change between 2018 and 2019, as declines in the harvested areas of cereals and other crops were offset by increases in the other groups of crops, with oil crops registering the largest absolute gain.

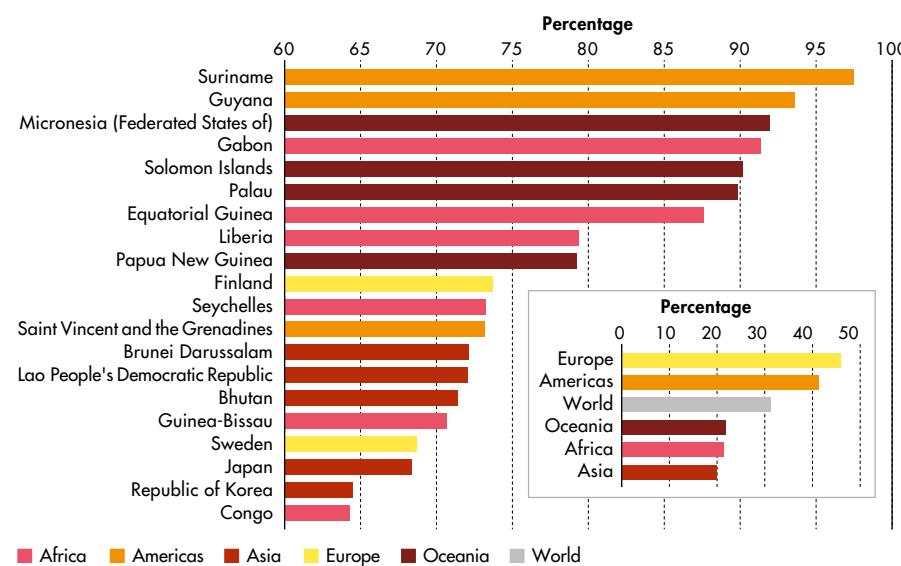
One visible aspect of the efforts to make the agriculture sector more sustainable is the rise of organic agriculture, the main feature of which is its avoidance of synthetic fertilizers and pesticides.²² In 2019, the agriculture area under certified organic status or in conversion to organic was 72.2 million ha. Australia accounted for half the total, followed by Argentina (5 percent) and Spain (3 percent). The eight countries with the largest organic agriculture area made up 73 percent of the global area under certified organic agriculture (see **FIGURE 61** and **TABLE 50**).

Normalizing the agriculture area under certified organic or in conversion to organic by the country area allows for comparison of the importance that countries give to this aspect of sustainable agriculture. Looking at countries with a sizeable agricultural area in **FIGURE 62**, the countries with the highest share of area under organic agriculture in total agricultural area for 2019 are Austria (25 percent), Sweden (20 percent) and Czechia (15 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 51**).

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 63** and **TABLE 52**). The countries experiencing the most acute water stress levels in 2018 (Kuwait, the United Arab Emirates and Saudi Arabia) are all located in the Arabian peninsula and are withdrawing each year 10 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.²³

FIGURE 59.
SHARE OF FOREST AREA IN TOTAL LAND AREA, TOP COUNTRIES (2019)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-fig59>

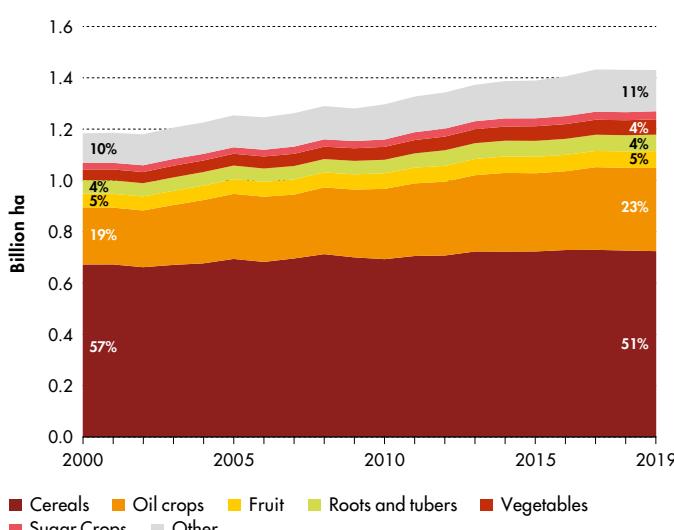
SOILS

The soil nitrogen budget represents the difference between the quantities of synthetic and organic nitrogen added and withdrawn from the soil 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 64** and **TABLE 53** show that the global average soil nitrogen budget went up

19 percent to 65 kg/ha between 2000 and 2018, although it remained stable during the 2010s. With 96 kg/ha in 2018, Asia had the highest soil nitrogen budget, followed by the Americas (71 kg/ha), Europe (48 kg/ha), Oceania (41 kg/ha) and

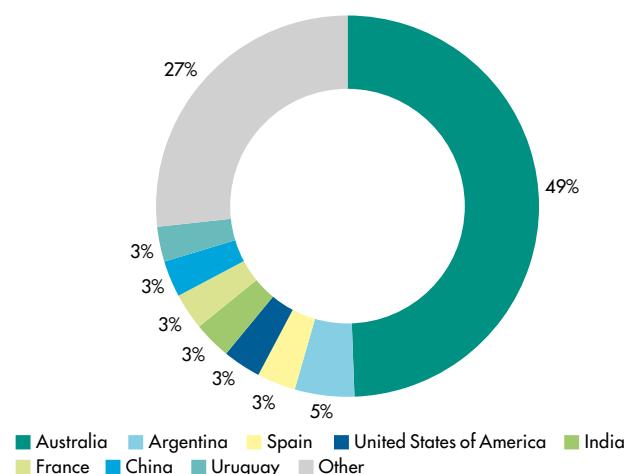
FIGURE 60.
WORLD PRIMARY CROPS COMMODITIES HARVESTED AREA BY TYPE



Source: FAOSTAT

Note: Percentages on the figure indicate the shares in the total; they may not tally due to rounding.
<https://doi.org/10.4060/cb4477en-fig60>

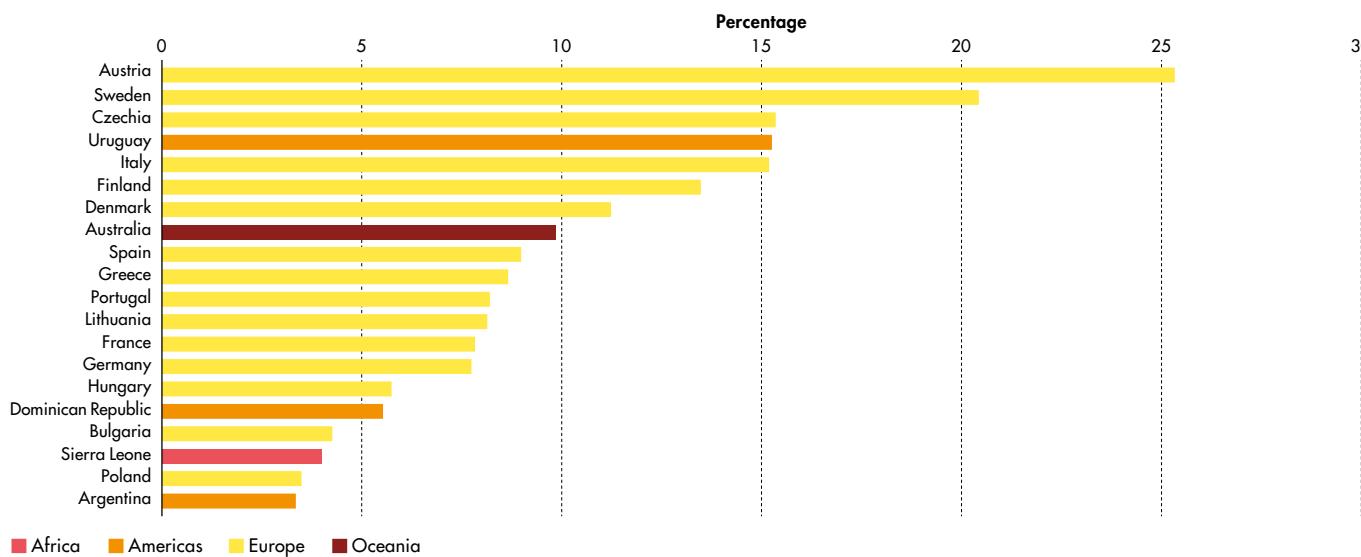
FIGURE 61.
WORLD AREA UNDER ORGANIC AGRICULTURE, MAIN COUNTRIES (2019)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-fig61>

FIGURE 62.
SHARE OF AREA UNDER ORGANIC AGRICULTURE IN TOTAL AGRICULTURAL AREA, TOP COUNTRIES (2019)



Source: FAOSTAT

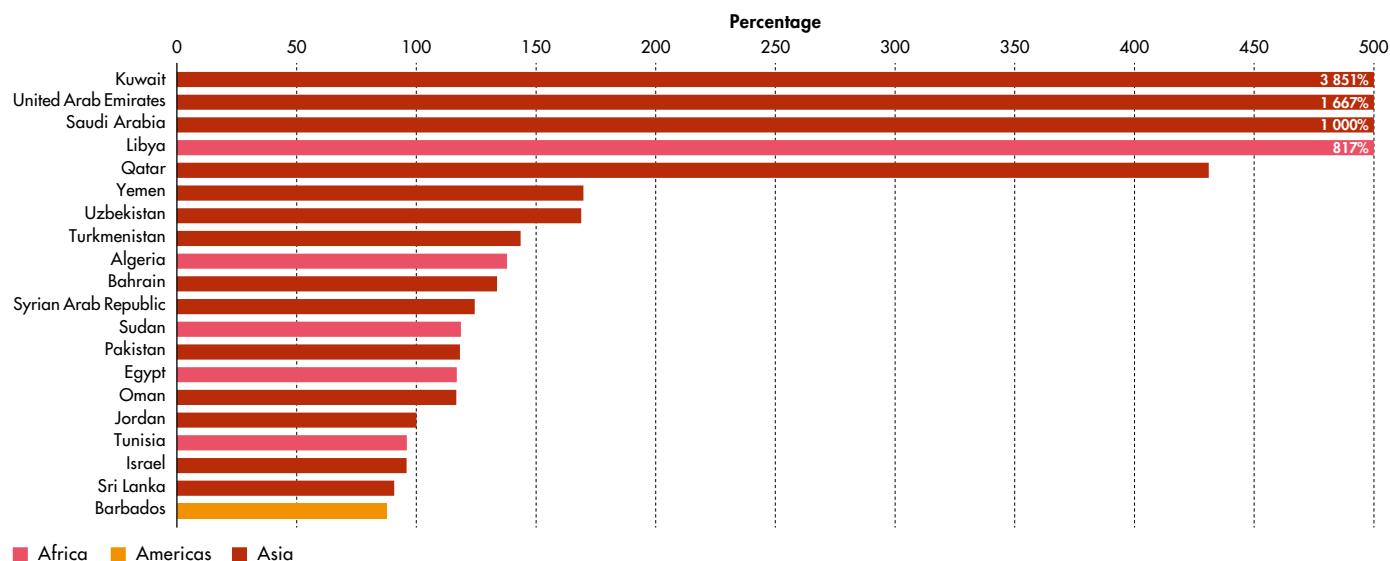
Note: Only countries with more than 2 million ha of agricultural area are taken into account.
<https://doi.org/10.4060/cb4477en-fig62>

Africa (14 kg/ha). Oceania had the largest growth of the soil nitrogen budget between 2000 and 2018 (+76 percent), driven by increased fertilizer inputs and

decreased outputs, while Europe is the only region where the soil nitrogen budget declined (by 5 percent). The Americas stand out as having the largest total

nitrogen inputs (157 kg/ha) and inputs from biological fixation, as well as outputs from crop removal, while Africa has the smallest total nitrogen inputs (34 kg/ha).

FIGURE 63.
WATER STRESS, TOP COUNTRIES (2018)



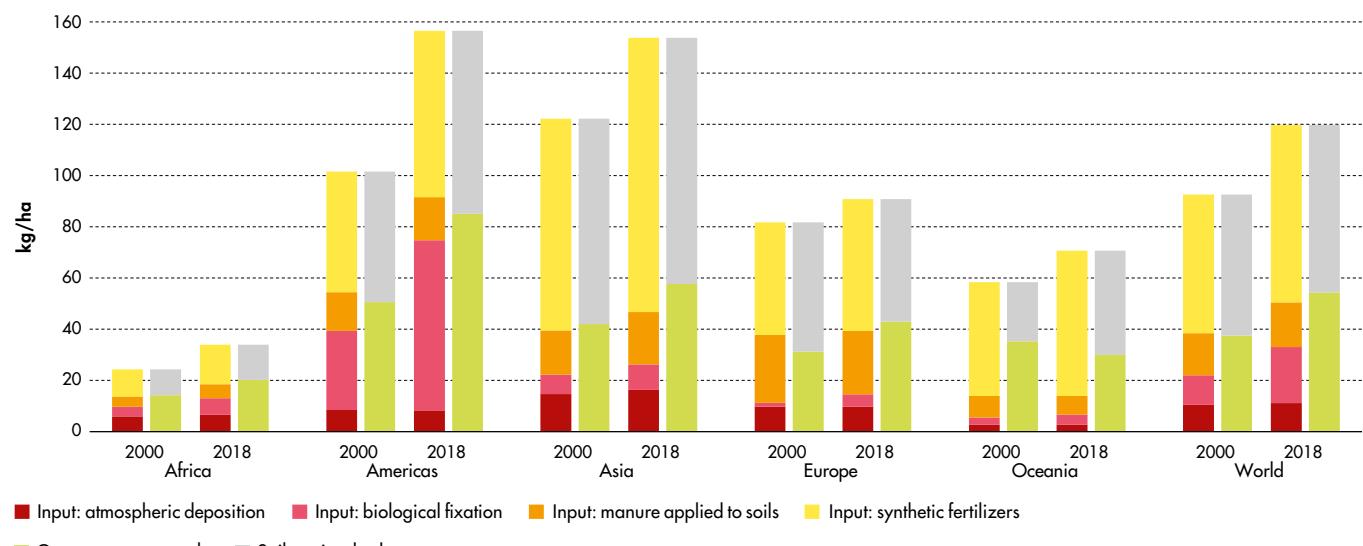
■ Africa ■ Americas ■ Asia

Source: AQUASTAT

Note: Data for Algeria, Barbados, Egypt, Jordan, Libya, Qatar, Sri Lanka, the Sudan, the Syrian Arab Republic, Turkmenistan, Uzbekistan and Yemen are imputed.

<https://doi.org/10.4060/cb4477en-fig63>

FIGURE 64
SOIL NITROGEN BUDGET BY COMPONENT AND REGION



■ Input: atmospheric deposition ■ Input: biological fixation ■ Input: manure applied to soils ■ Input: synthetic fertilizers

■ Output: crop removal ■ Soil nutrient budget

Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-fig64>

EMISSIONS AND CLIMATE CHANGE

Agriculture is both affected by climate change and an important contributor to greenhouse gas (GHG) emissions. Total emissions on agricultural land in 2019 amounted to 10.7 billion tonnes of carbon dioxide equivalent (Gt CO₂eq) of GHG released into the atmosphere in 2019, a decrease of 2 percent, or 0.2 Gt CO₂eq compared with 2000 (FIGURE 65 and TABLE 54). Activities within the farm gate accounted for 7.2 Gt CO₂eq, or 67 percent of the total emissions in 2019, followed by net forest conversion/deforestation (2.9 Gt CO₂eq, or 27 percent) and fires in humid tropical forests and organic soils (0.6 Gt CO₂eq, or 5 percent). Asia was the top agricultural emitter,

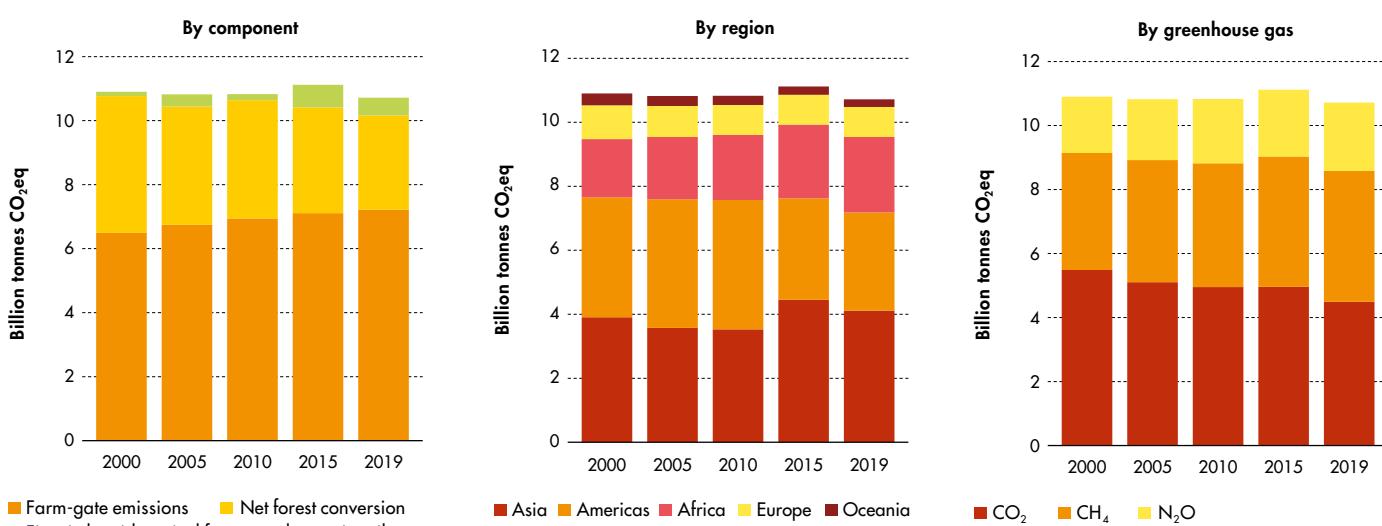
with 4.1 Gt CO₂eq (38 percent of the total) in 2019, followed by the Americas (3.1 Gt CO₂eq, or 29 percent), Africa (2.4 Gt CO₂eq, or 22 percent), Europe (0.9 Gt CO₂eq, or 9 percent) and Oceania (0.2 Gt CO₂eq, or 2 percent). CO₂ represents 42 percent of the total emissions, or 4.5 Gt CO₂eq. Next are methane (CH₄) with 4.1 Gt CO₂eq (38 percent) and nitrous oxide (N₂O) with 2.1 Gt CO₂eq (20 percent).

World agriculture emissions within the farm gate (those related to crops and livestock) grew by 11 percent between 2000 and 2019, to 7.2 Gt CO₂eq (see FIGURE 66 and TABLE 55). Around 55 percent derive from livestock-related activities, and with 2.8 Gt CO₂eq, the emissions

from enteric fermentation generated in the digestive system of ruminant livestock were alone responsible for about 40 percent of agricultural emissions. Animal and synthetic sources of soil fertilization contributed to more than one-fifth of agricultural emissions. Drained organic soils were responsible for a constant 11 to 12 percent share of farm-gate emissions over the 2000–2019 period, while methane released from the cultivation of rice paddies accounted for 9 to 10 percent.

Calculating emissions intensities^c allows for comparison of the GHG performance of a range of commodities, as they represent an indication of the efficiency of production for each commodity, by country and over time. As seen

FIGURE 65.
WORLD GREENHOUSE GAS EMISSIONS ON AGRICULTURAL LAND



Source: FAOSTAT
<https://doi.org/10.4060/cb4477en-fig65>

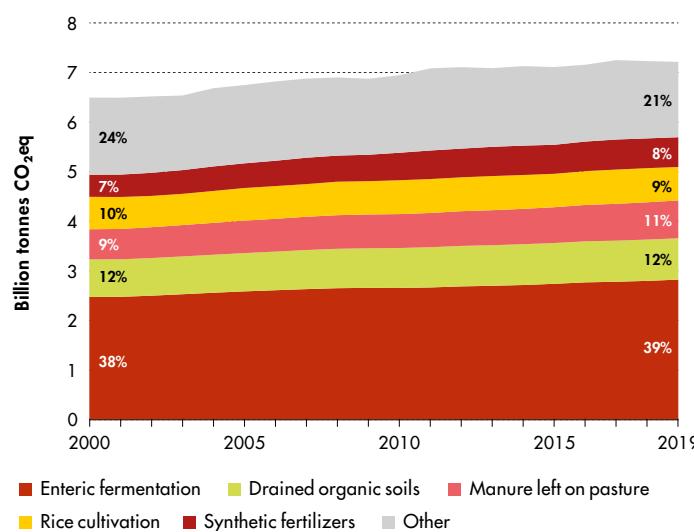
^c Emissions estimates are those generated within the farm gate.

in **FIGURE 67**, the most CO₂-intensive commodities on average are cattle meat (26 kg CO₂eq/kg) and sheep meat (22 kg CO₂eq/kg). The intensity of pig and chicken meat is much lower (1.5 kg CO₂eq/kg and 0.6 kg CO₂eq/kg respectively), in the same range as processed

livestock commodities such as cow milk (0.9 kg CO₂eq/kg) and hen eggs (0.6 kg CO₂eq/kg) or rice (0.9 kg CO₂eq/kg). With 0.2 kg CO₂eq/kg, cereals excluding rice have the lowest emissions intensity of all major commodities. As seen in **TABLE 56**, the intensities change

significantly across regions, reflecting large differences in associated efficiencies of production. For instance, the emissions intensity of cattle meat is almost twice the world average in Africa (48 kg CO₂eq/kg) and nearly half in Europe (14 kg CO₂eq/kg).

FIGURE 66.
WORLD FARM-GATE GREENHOUSE GAS EMISSIONS BY ACTIVITY

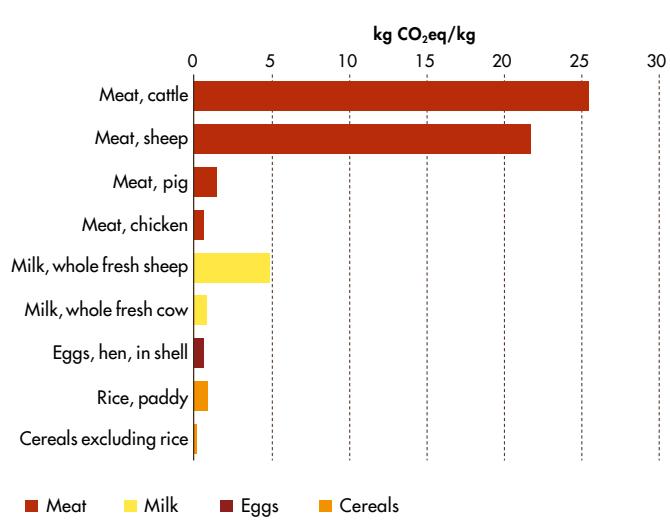


Source: FAOSTAT

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

<https://doi.org/10.4060/cb4477en-fig66>

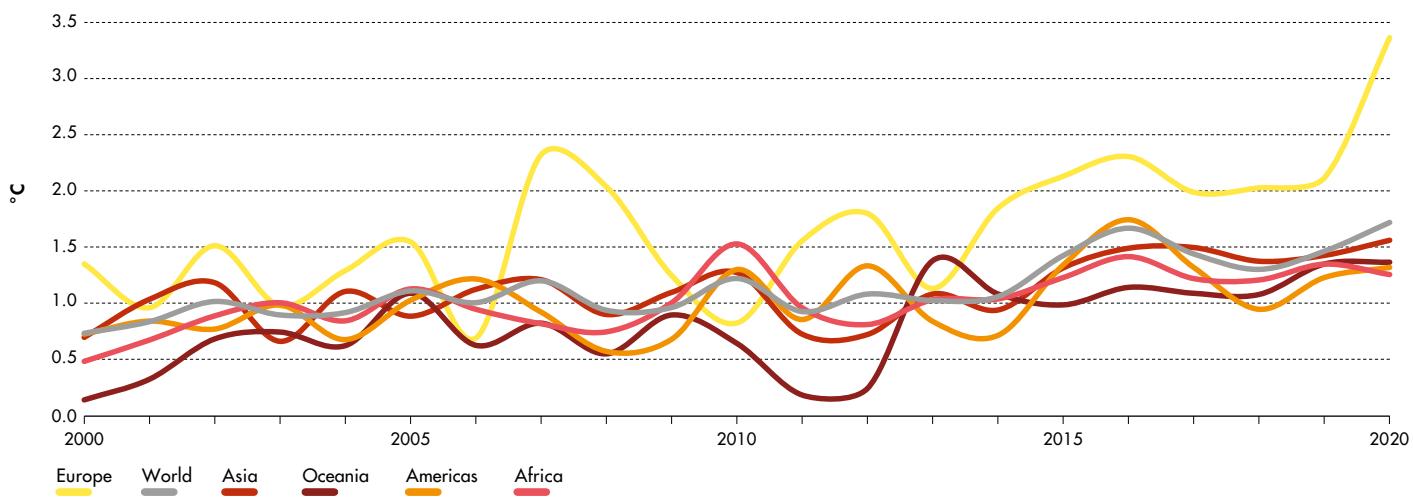
FIGURE 67.
WORLD EMISSIONS INTENSITY OF AGRICULTURAL COMMODITIES (2017)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-fig67>

FIGURE 68.
TEMPERATURE CHANGE BY REGION



Source: FAOSTAT

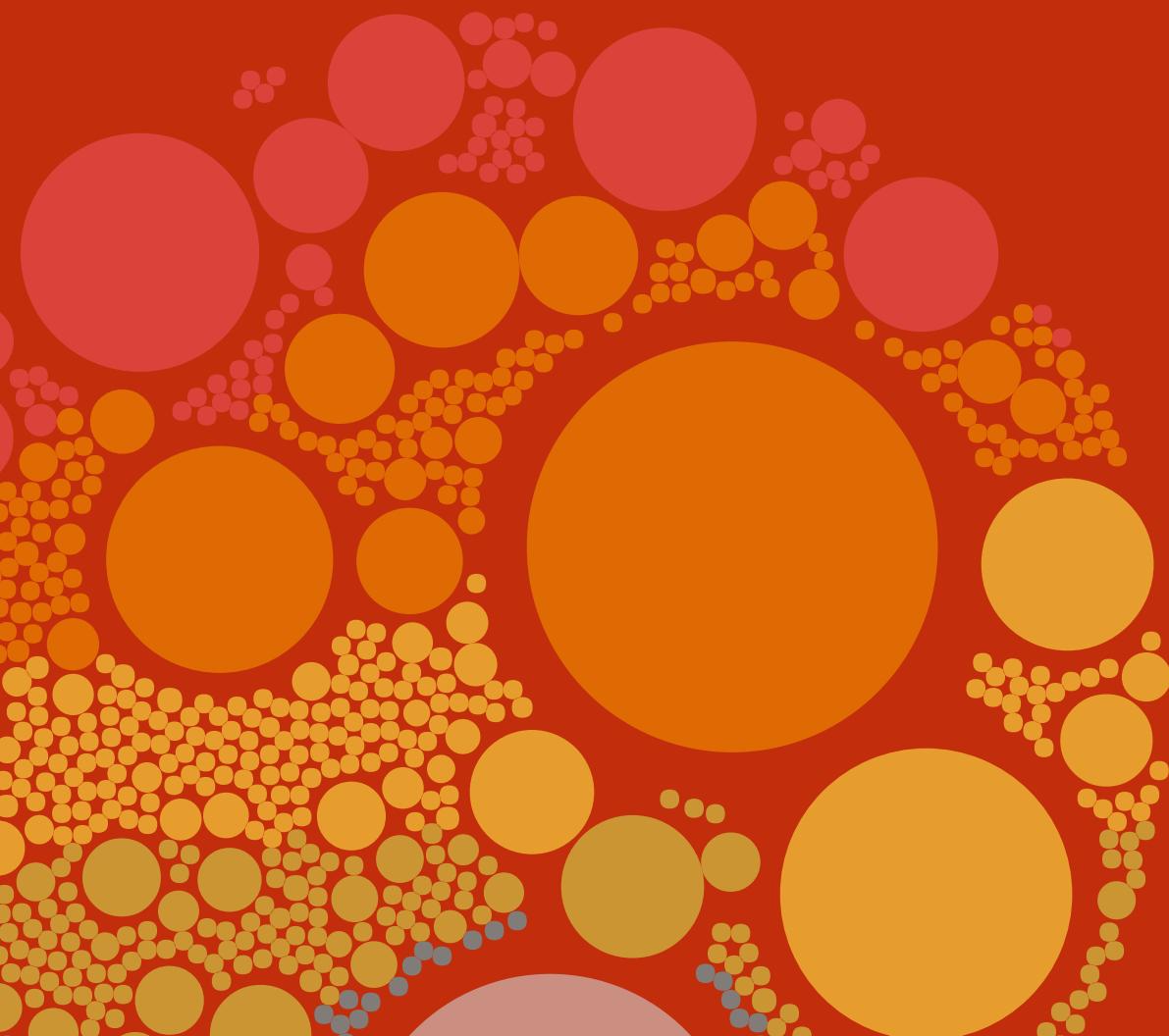
<https://doi.org/10.4060/cb4477en-fig68>

Worldwide, winters and summers alike are becoming increasingly hotter than the 1951–1980 average (see **FIGURE 68**). With 1.7 °C more than the reference average for the world, 2020 was the warmest year at the global level; 2016 had the second highest global mean annual temperature

change. Europe is the region where the temperature change has been the highest in 2020 (and also for most of the 2000–2020 period), with 3.4 °C, followed by Asia (1.6 °C), Oceania (1.4 °C), the Americas and Africa (1.3 °C). The average temperature change in the 2010s was 1.26 °C,

compared to 0.96 °C in the 2000s. As seen in **TABLE 57**, more than 150 countries had a mean annual temperature change at least 1.0 °C higher than the 1951–1980 average in 2020; the largest mean annual temperature change was recorded in the Russian Federation (3.7 °C).

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 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 are in charge of 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, it also plays a vital role in the compilation, processing and dissemination of internationally comparable data, and provides essential capacity-building support to member countries. In addition, ESS disseminates documents, working papers and statistical publications that cover agricultural 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, and for disseminating and using data relevant to food security, agriculture and rural areas.

The Office of Chief Statistician (OCS) is responsible for the overall coordination and governance of FAO’s statistical work, both at headquarters and in FAO’s Regional and Country Offices. OCS provides guidance to the technical units in charge of data acquisition, compilation and dissemination, with the aim of ensuring quality and consistency

of statistical practices at the corporate level. It plays a quality assurance role in developing methods and standards for food and agriculture statistics and in providing technical assistance and capacity development to member countries. OCS also leads the Organization’s work to monitor the Sustainable Development Goal (SDG) indicators under FAO custodianship.

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.

Source: WHO

Owner: World Health Organization, Global Health Observatory Data Repository/World Health Statistics

AGRICULTURAL LAND

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

Source: 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.

Source: 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.

Source: FAO, Statistics Division

Owner: FAO

AGRICULTURE, FORESTRY AND FISHING

Agriculture, forestry and fishing (AFF) refers to the broad agricultural sector including crop growing and animal production, forestry and logging, and fishing and aquaculture. These sub-sectors 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.

Source: United Nations Statistics Division

Owner: UN

AGRICULTURE, FORESTRY AND OTHER LAND USE EMISSIONS

Greenhouse gas (GHG) emissions from agriculture, forestry and other land use (AFOLU) consist of non-CO₂ gases, namely methane (CH₄) and nitrous oxide (N₂O) produced by crop and livestock

production and management activities, CO₂ emissions by sources and sinks from forestland, net forest conversion and drained organic soils, and non-CO₂ emissions from forest fires and fires in organic soils.

Source: FAO, Statistics Division

Owner: FAO

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 4, determines the origin of value added. Agriculture here refers to the broad agricultural sector (AFF).

Source: World Bank

Owner: World Bank

ANIMAL OILS AND FATS

Animal oils and fats include animal fats that are obtained in the course of 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).

Source: FAO, Statistics Division

Owner: FAO

AQUACULTURE FISH PRODUCTION

Aquaculture fish 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, protection from predators, etc. Farming also implies individual or corporate ownership of the stock being cultivated. For statistical purposes, aquatic organisms, which are harvested by an individual or corporate body that has owned them throughout their rearing period, contribute to aquaculture, while aquatic organisms, which 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 aquatic plants. Fish production is the sum of aquaculture and capture fish production. Data are expressed in live weight equivalent.

Source: 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.

Source: 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, etc. 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, etc. 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.

Source: FAO, Statistics Division

Owner: FAO

CAPTURE FISH PRODUCTION

Hunting, collecting and gathering activities directed at removing or collecting live wild aquatic organisms are capture fish production. The capture production statistics here indicates 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 aquatic plants. Fish production

is the sum of aquaculture and capture fish production.

Source: 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 from 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 $(\text{cereal imports} - \text{cereal exports}) / (\text{cereal production} + \text{cereal imports} - \text{cereal exports}) * 100$. 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.

Source: 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.

Source: 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.

Source: 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.

Source: IMF, UNSD, OECD and national statistics' websites
Owner: IMF, UNSD and FAO

CROPLAND

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

Source: 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, Tree nuts and Vegetables.

Source: FAO, Statistics Division
Owner: FAO

DAIRY PRODUCTS

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

Source: 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.

Source: 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's 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.

Source: 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.

Source: 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.

Source: FAO, Statistics Division
Owner: FAO

EMISSIONS ON AGRICULTURAL LAND

Emissions on agricultural land are composed of the sum of emissions within the farm gate and food-related land use change emissions from net forest conversion, fires in organic soils and fires in humid tropical forests.

Source: FAO, Statistics Division
Owner: FAO

EMISSIONS SHARES

Emissions from the different economic sectors (energy, agriculture, land use, land-use change and forestry (LULUCF), industrial processes and product use, waste and international bunkers) and their related contributions to all emissions by gases (CO_2 , CH_4 , N_2O and F-gases)

are computed in this domain. Emissions from food systems that can be associated with farm gate activities, food-related land use change and pre- and post- production activities are also computed along with their contributions to all emissions

Source: 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 the following 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 branch of economic activity is based on ISIC.

Source: ILO estimates, November 2020 (Employment by economic activity)

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).

Source: FAO, Statistics Division
Owner: FAO

FARM-GATE EMISSIONS

Farm-gate emissions covers all GHG emissions produced from agricultural processes (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, energy use) within the farm gate and at the farm boundary. Non- CO_2 gases, namely methane (CH_4) and nitrous oxide (N_2O), are produced by crop and livestock production and management activities whereas CO_2 emissions are produced from the drainage of organic soils and energy used on farms. The FAOSTAT emissions database is computed following Tier 1 Intergovernmental Panel on Climate Change

(IPCC) 2006 Guidelines for National GHG Inventories.

Source: 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.

Source: FAO, Statistics Division
Owner: FAO

FISH NET TRADE

Fish net trade is exports plus re-exports minus imports.

Source: Fisheries and Aquaculture 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.

Source: 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).

Source: 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.

Source: 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.

Source: 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 and exclude “in-transit” shipments. They are reported in cubic metres of solid volume or metric tonnes and values are normally recorded as FOB.

Source: 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 and 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).

Source: 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.

Source: 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 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, green peas, etc. Chilies 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 and are processed into dried fruit, fruit juice, canned fruit, frozen fruit, jam, alcoholic beverages, etc.

Source: 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.

Source: 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.

Source: 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).

Source: 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).

Source: 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 to 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, North America and Asia. Global and regional inflation are calculated using household consumption expenditure weights.

Source: FAO, Statistics Division
Owner: FAO

LAND AREA

Country area excluding area under inland waters and coastal waters.

Source: 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.

Source: FAO, Statistics Division
Owner: FAO

LAND UNDER 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.

Source: FAO, Statistics Division
Owner: FAO

LAND UNDER 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 (i.e. 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)
- 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.

Source: FAO, Statistics Division

Owner: FAO

LAND USE, LAND-USE CHANGE, AND FORESTRY EMISSIONS

LULUCF covers all GHG emissions and removals produced in the different land use categories, representing the three IPCC Land Use categories: cropland, forest land, and grassland, collectively called emissions/removals from the Forestry and Other Land Use (FOLU) sector. FOLU emissions consist of CO₂ (carbon dioxide), CH₄ (methane) and N₂O (nitrous oxide) associated with land management activities. CO₂ emissions/removals are derived from estimated net carbon stock changes in above- and below-ground biomass pools of forest land, including forest land

converted to other land uses. CH₄ and N₂O, and additional CO₂ emissions are estimated for fires and drainage of organic soils. The FAOSTAT emissions database is computed following Tier 1 IPCC 2006 Guidelines for National GHG Inventories.

Source: 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.

Source: FAO, Statistics Division

Owner: FAO

MEAT

Meat is defined as the flesh of animals (excluding fish) 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.

Source: FAO, Statistics Division

Owner: FAO

MILK

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

Source: FAO, Statistics Division

Owner: FAO

NET EMISSIONS/REMOVALS FROM FOREST LAND

Net CO₂ emissions/removals from forest land consist of net carbon stock change in the living biomass pool (aboveground and belowground) associated with: (i) forest, referring to changes occurred on forest land in the reported year; and (ii) net forest conversion from forest land to other land uses. The FAOSTAT data are computed at Tier 3, with the stock difference method, following IPCC 2006 Vol. 4, Ch. 2 and 4.

Source: FAO, Statistics Division

Owner: FAO

NET FOREST CONVERSION, NET EMISSIONS/REMOVALS

Net CO₂ emissions/removals from forest land consist of net carbon stock gain/loss in the living biomass pool (aboveground and belowground biomass) associated with forest and net forest conversion. The FAOSTAT emissions database is computed following Tier 1 IPCC 2006 Guidelines for National GHG

Inventories and uses area and carbon stocks data compiled by countries in the FAO Global Forest Resource Assessments.

Source: FAO, Statistics Division
Owner: FAO

NET TRADE

Value in USD of exports minus imports.

Source: FAO, Statistics 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).

Source: 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, etc.

Source: FAO, Forestry Division
Owner: FAO

PESTICIDES

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. Pesticides 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.

Source: 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 – HFSSM). The probability to be food insecure is estimated using the one-parameter logistic Item Response Theory model (the Rasch model) and thresholds for classification are made cross-country comparable 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 food access.

Source: 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 to be food insecure is estimated using the one-parameter logistic Item Response Theory model (the Rasch model) and thresholds for classification are made cross-country comparable 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 food access.

Source: FAO, Statistics Division

Owner: FAO

PREVALENCE OF UNDERNOURISHMENT

Expresses the probability that a randomly selected individual from the population consumes an amount of calories that is insufficient 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.

Source: 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).

Source: FAO, Statistics Division

Owner: FAO

PRODUCTION

Figures relate to the total domestic production whether inside or outside the agricultural sector, i.e. it includes 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 fish items (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; 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.

Source: 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 that 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 usual to refer production data to that year into 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 actually harvested area during the year.

Source: 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, fish, seafood and products, aquatic products and other.

Source: FAO, Statistics Division
Owner: FAO

PROTEIN SUPPLY, AVERAGE

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

Source: 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.

Source: 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).

Source: 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).

Source: FAO, Statistics Division
Owner: FAO

SAWNWOOD

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

Source: FAO, Forestry Division
Owner: FAO

SOIL NITROGEN BUDGET

Difference between the soil 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.

Source: FAO, Statistics Division
Owner: FAO

STARCHY ROOTS

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

Source: FAO, Statistics Division
Owner: FAO

STUNTING, CHILDREN UNDER 5 YEARS OF AGE

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

Source: World Bank
Owner: UNICEF/WHO/The World Bank:
Joint child malnutrition estimates

SUGAR CROPS

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

Source: 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.

Source: 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.

Source: 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.

Source: 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.

Source: 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 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 and other agglomerates. It is reported in cubic metres solid volume underbark (i.e. excluding bark).

Source: 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.

Source: FAO, Forestry Division

Owner: FAO

WOOD PULP

Wood pulp is fibrous material prepared from pulpwood, wood chips, particles or residues by a mechanical and/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).

Source: 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.

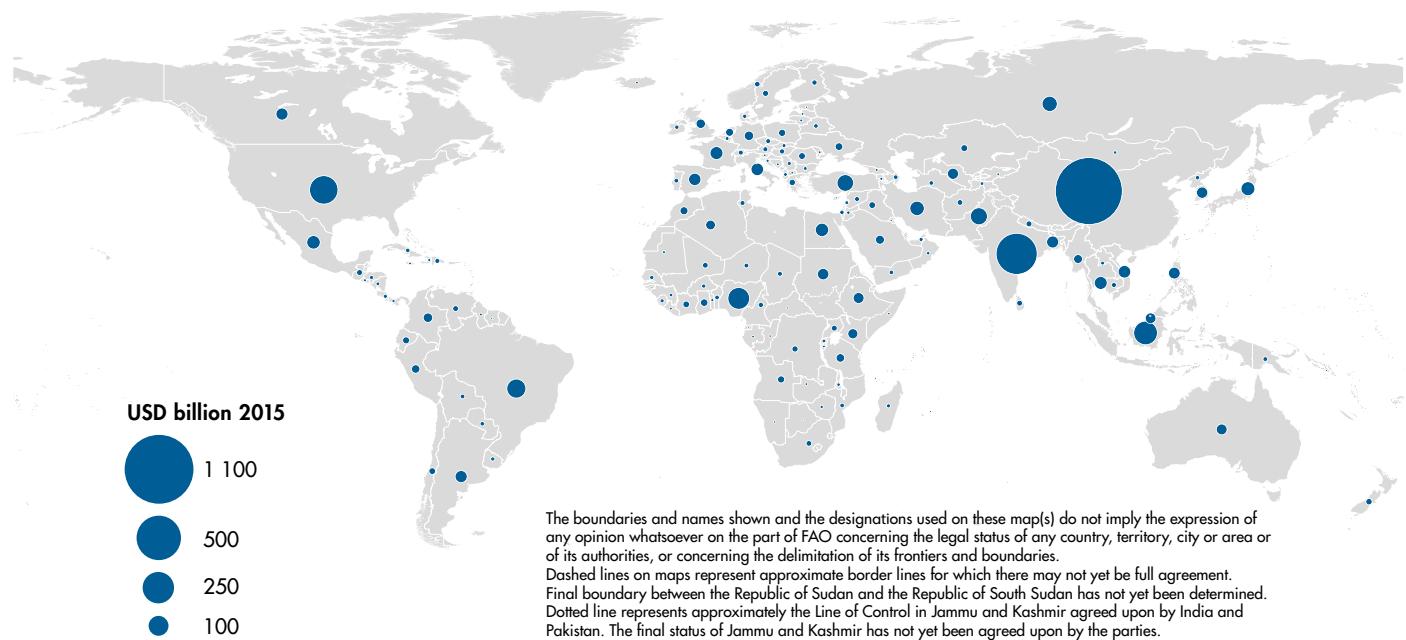
Source: FAO, Forestry Division

Owner: FAO

ANNEX 3:

FOOD AND AGRICULTURE MAPS

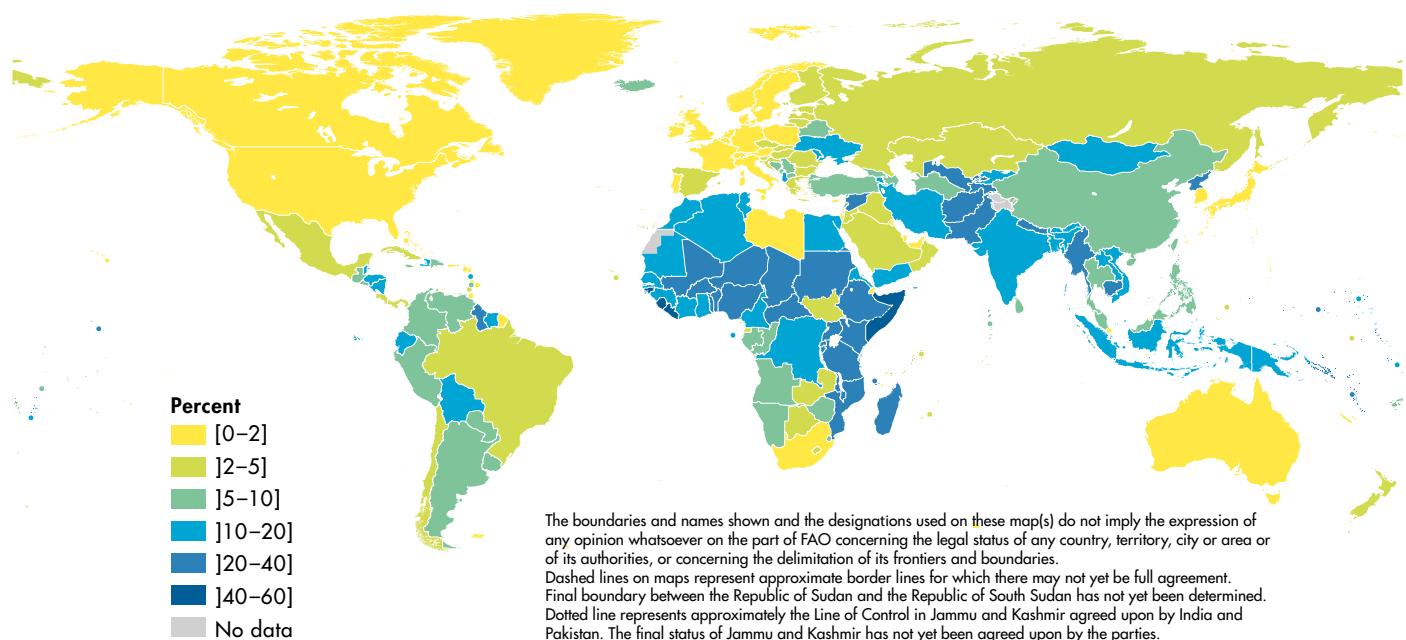
MAP 1.
VALUE ADDED OF AGRICULTURE, FORESTRY AND FISHING BY REGION (2019)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-map01>

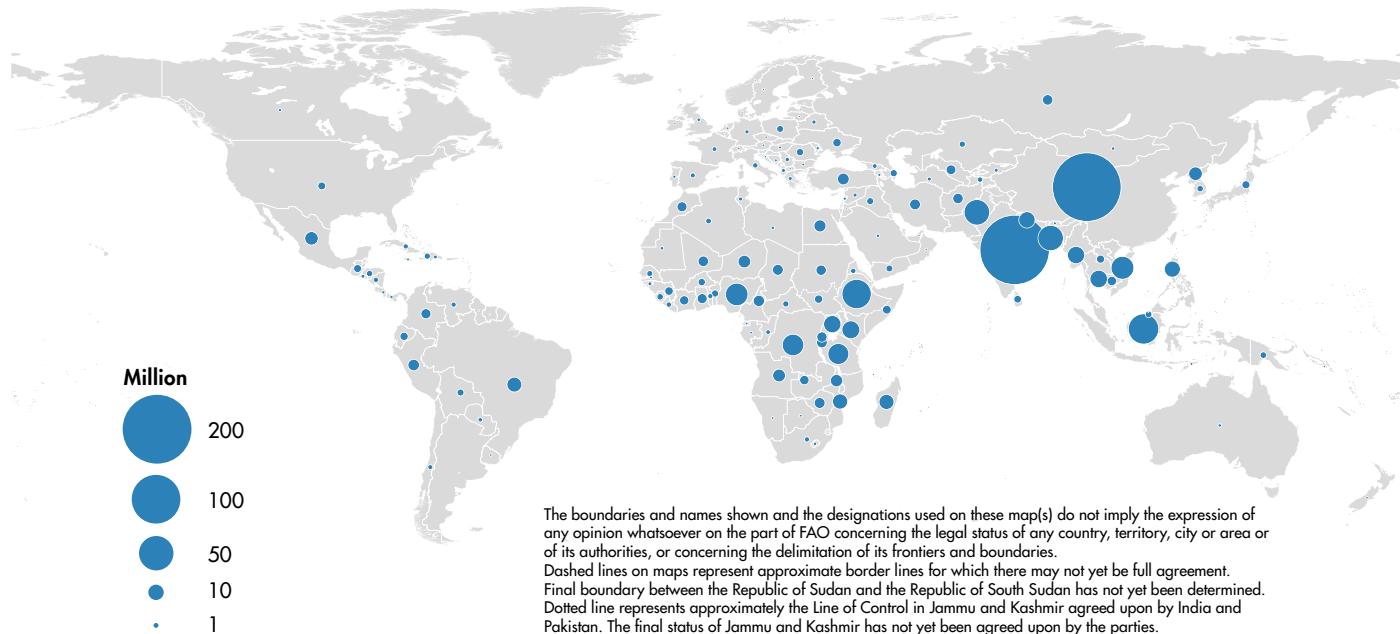
MAP 2.
SHARE OF AGRICULTURE, FORESTRY AND FISHING VALUE ADDED IN TOTAL GDP (2019, USD 2015 PRICES)



Source: FAOSTAT

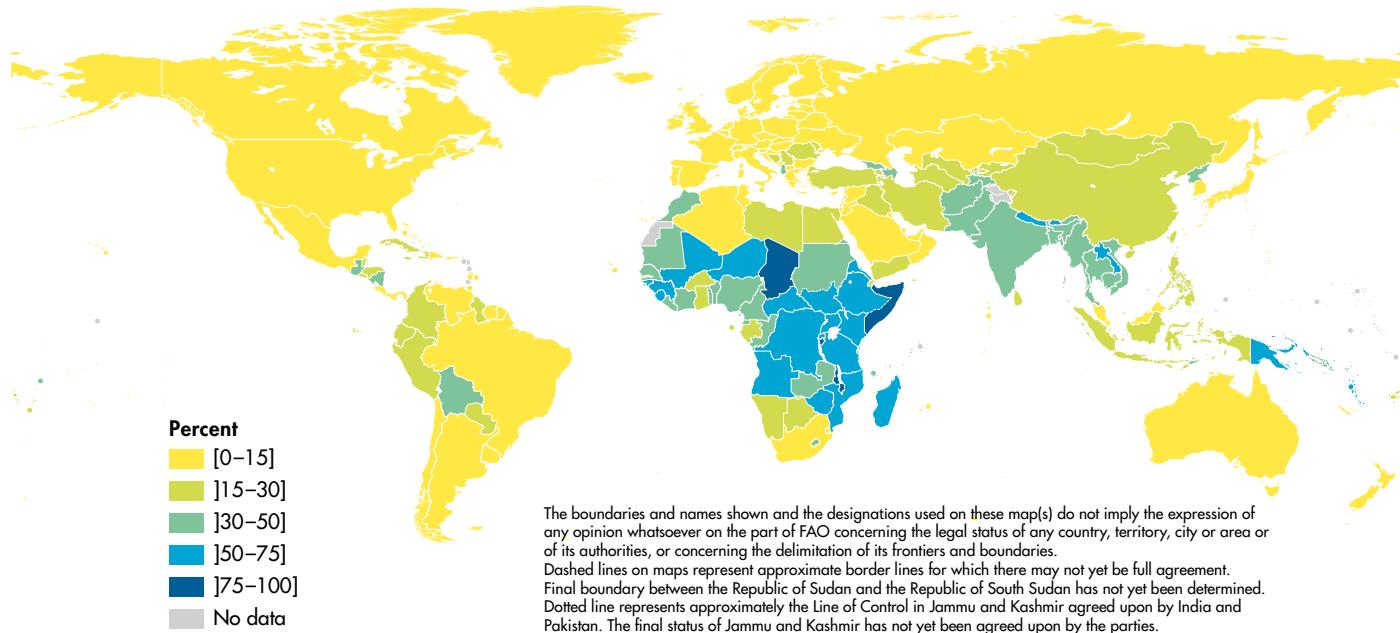
<https://doi.org/10.4060/cb4477en-map02>

MAP 3.
EMPLOYMENT IN AGRICULTURE, FORESTRY AND FISHING (2019)



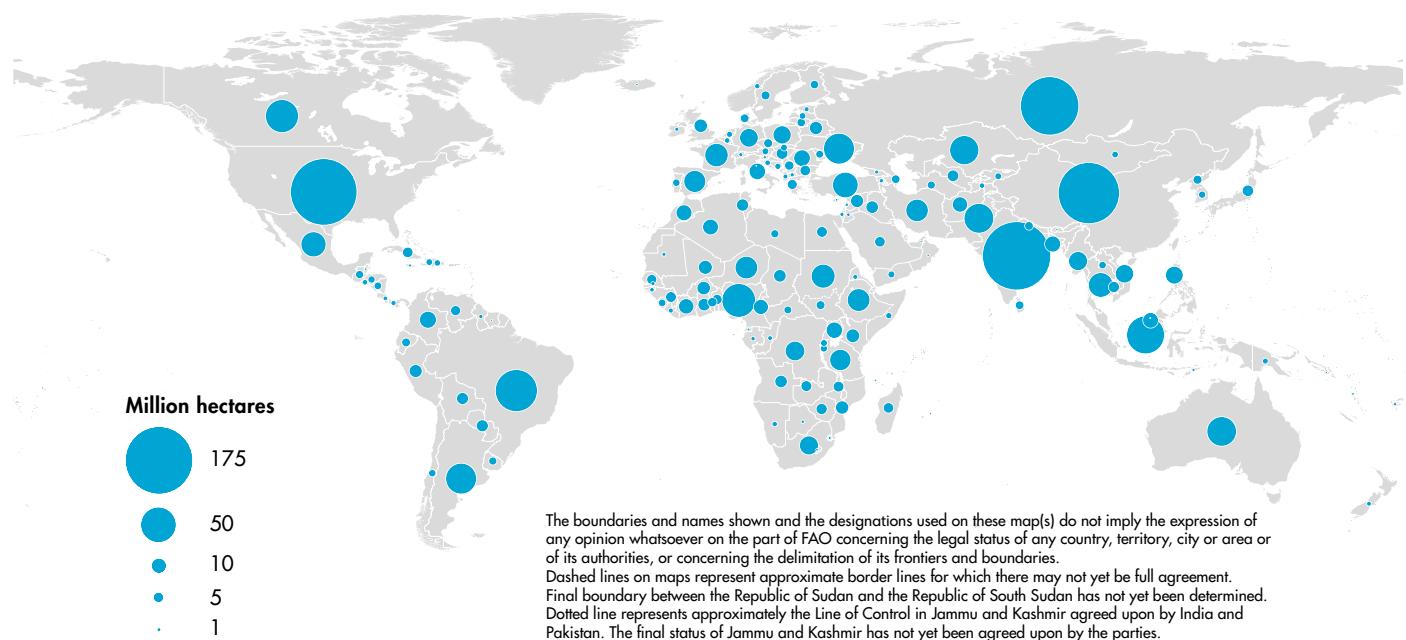
Source: ILO Modelled Estimates, ILOSTAT

MAP 4.
SHARE OF AGRICULTURE, FORESTRY AND FISHING EMPLOYMENT IN TOTAL EMPLOYMENT (2019)



Source: ILO Modelled Estimates, ILOSTAT

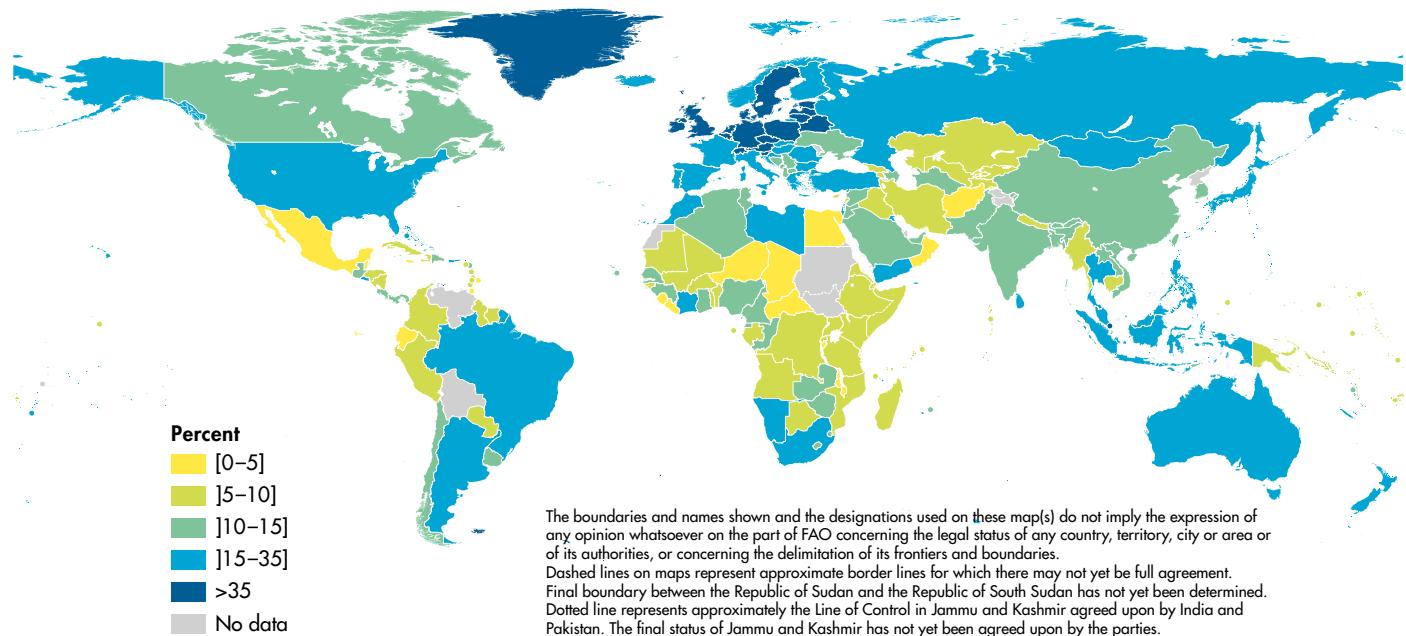
MAP 5.
CROPLAND AREA (2019)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-map05>

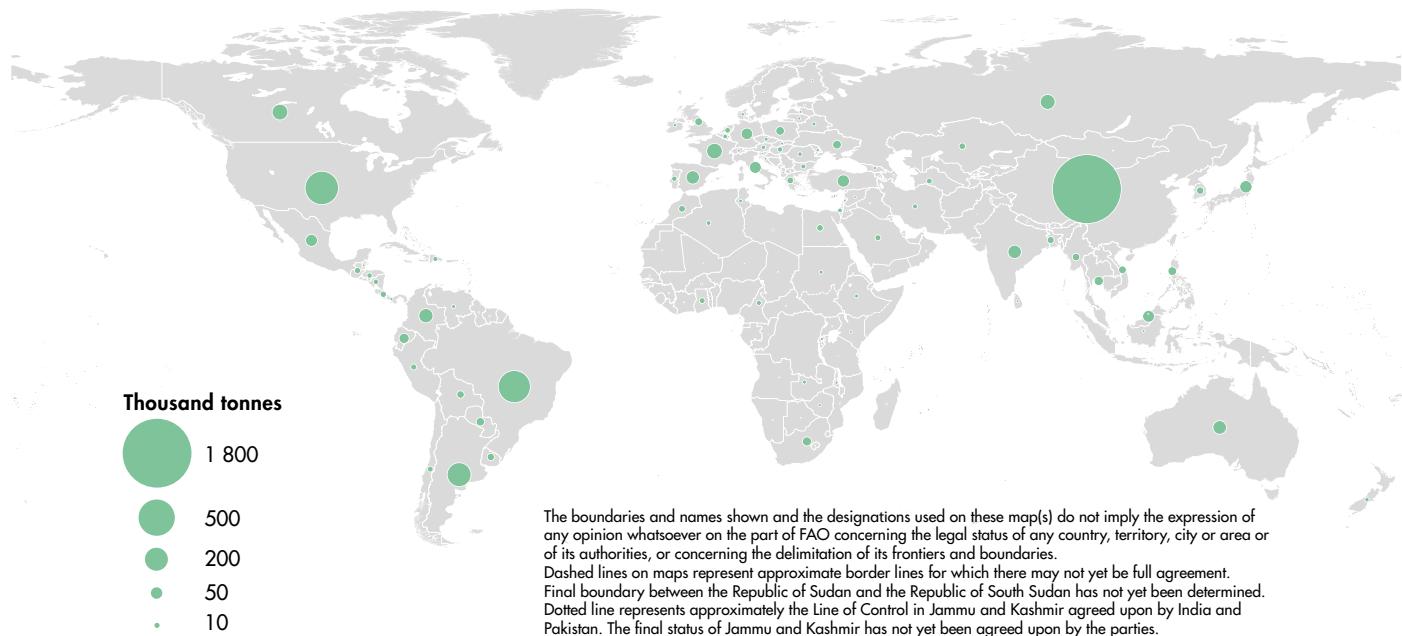
MAP 6.
GROSS FIXED CAPITAL FORMATION (AGRICULTURE, FORESTRY AND FISHING) AS A SHARE OF VALUE ADDED (2020, USD 2015 PRICES)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-map06>

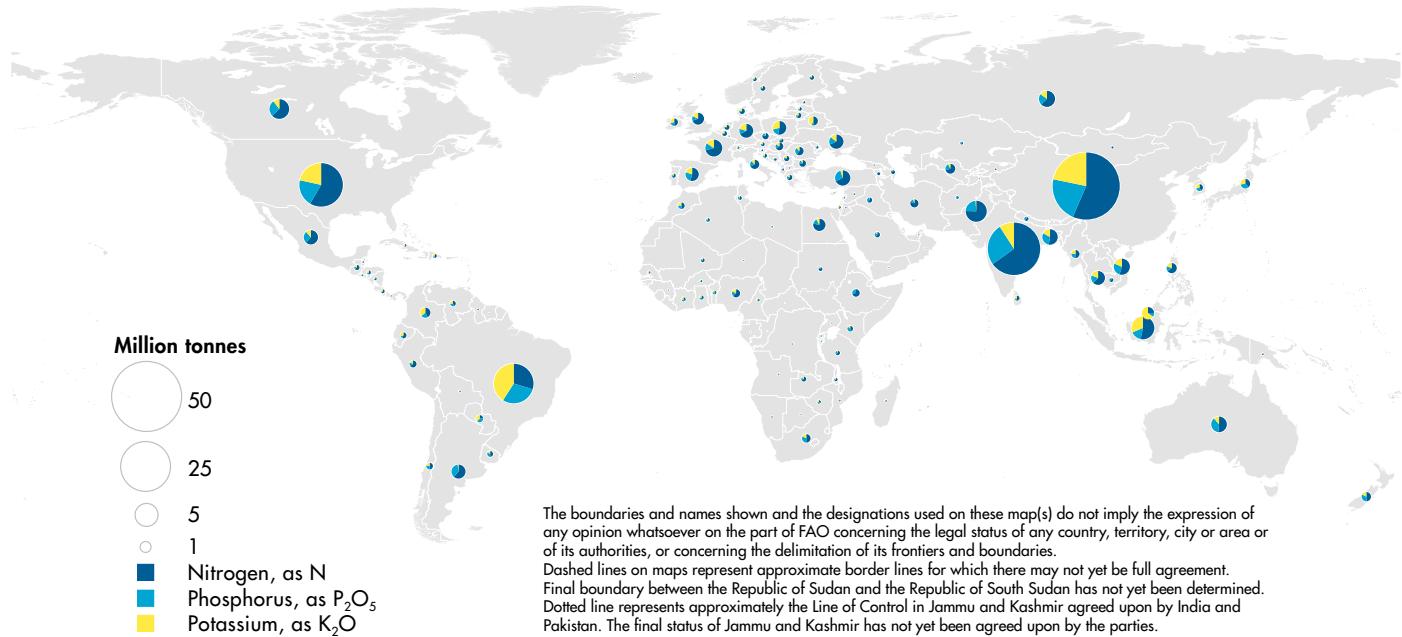
MAP 7.
PESTICIDE USE (2019)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-map07>

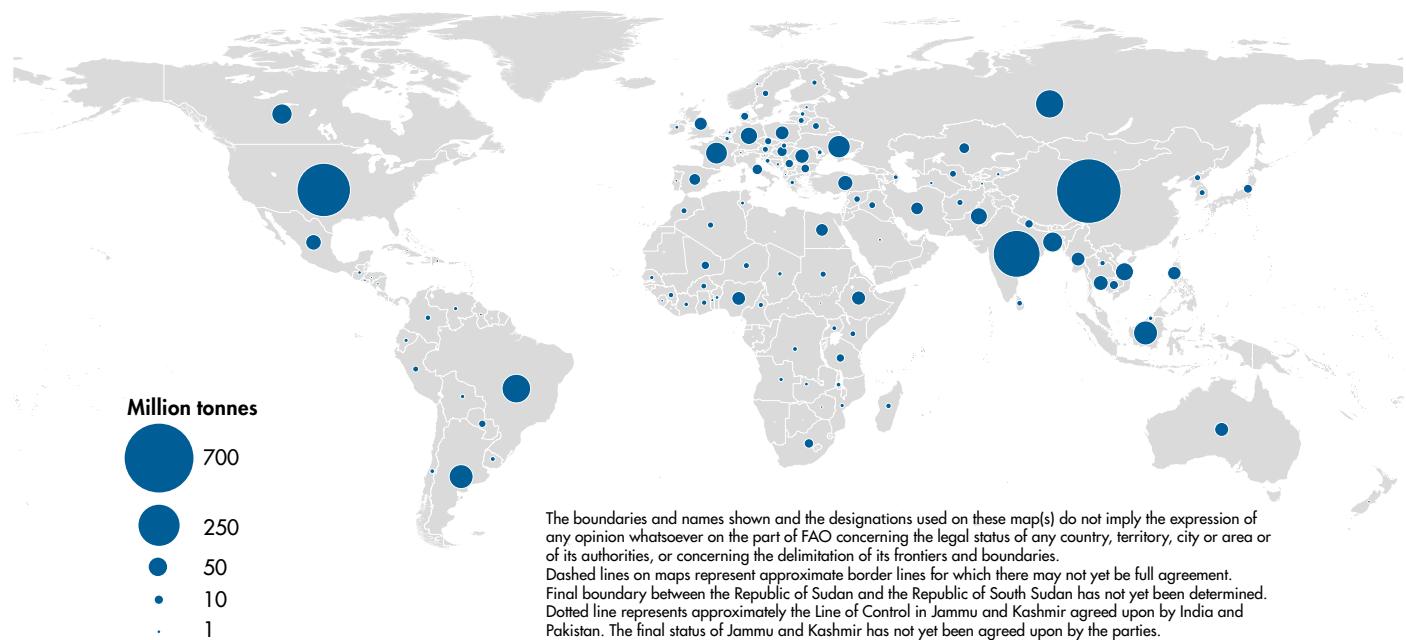
MAP 8.
INORGANIC FERTILIZER USE (2019)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-map08>

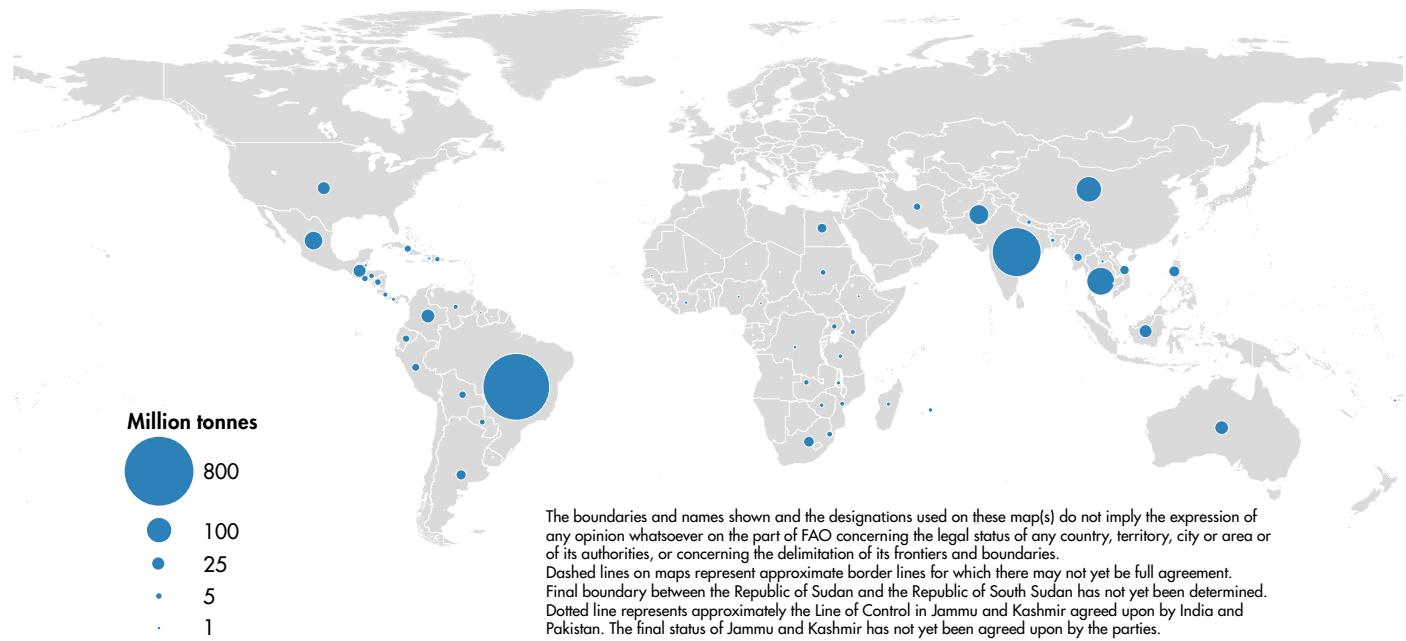
MAP 9.
PRODUCTION OF CEREALS (2019)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-map09>

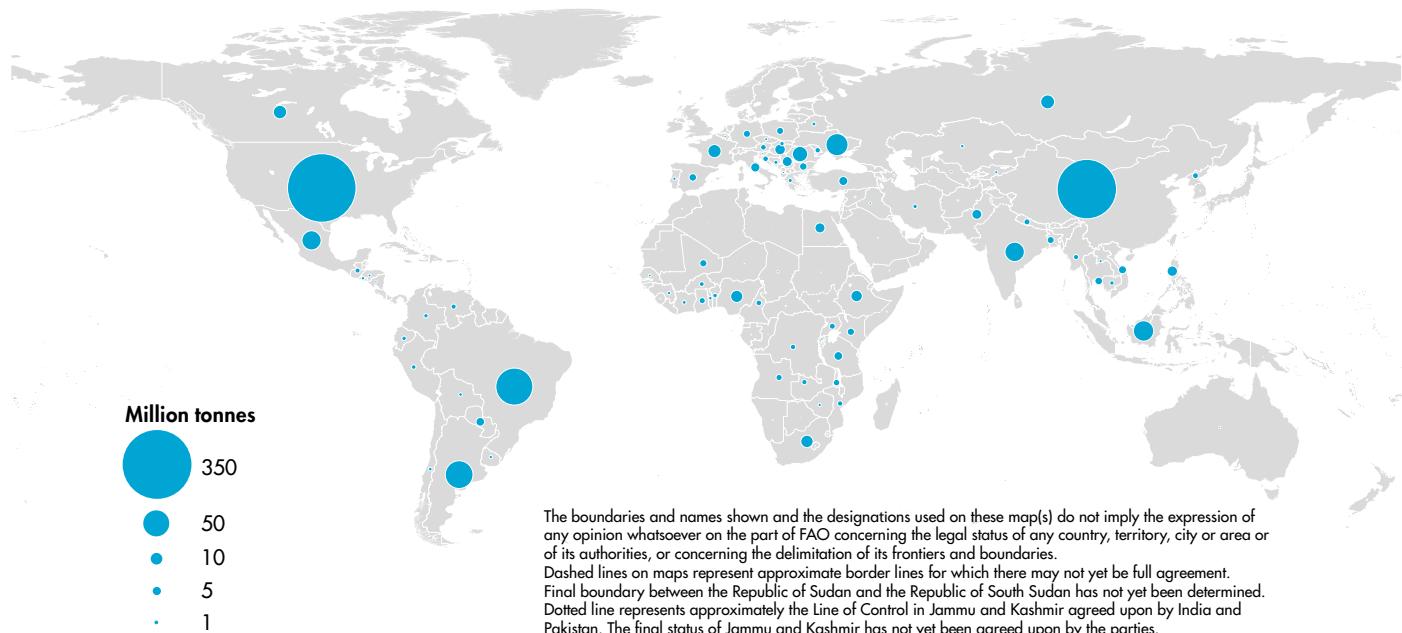
MAP 10.
PRODUCTION OF SUGAR CANE (2019)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-map10>

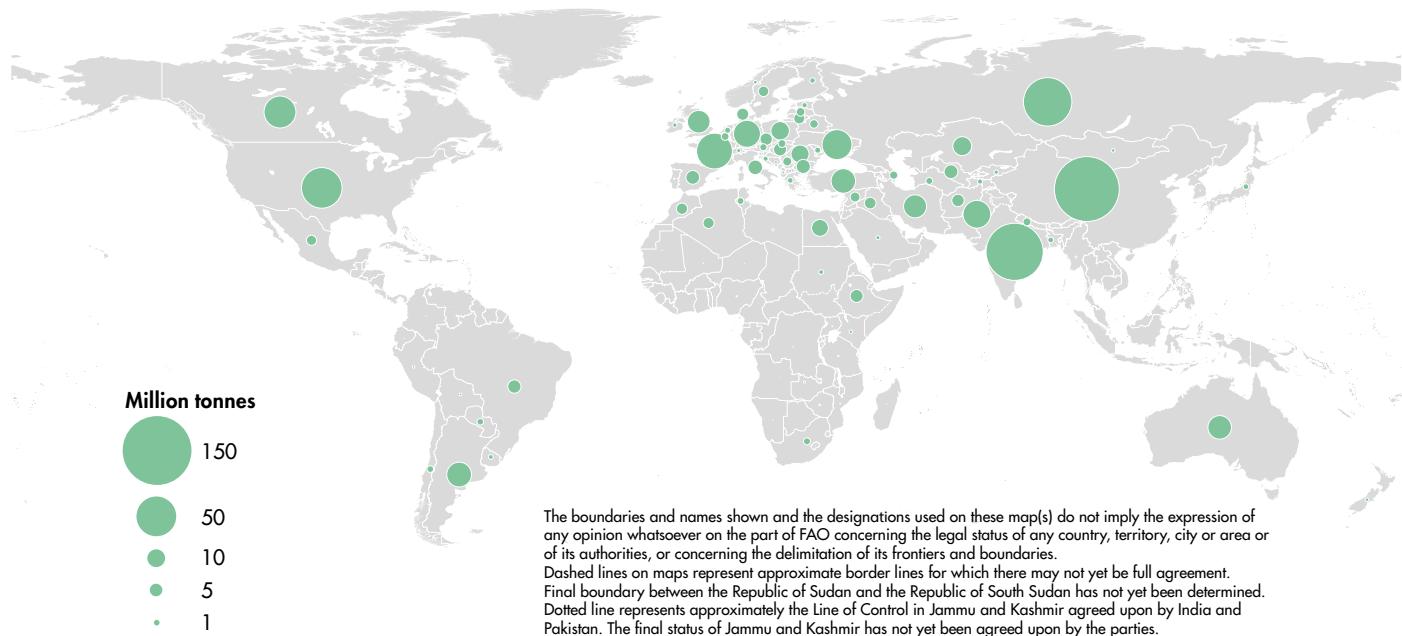
MAP 11.
PRODUCTION OF MAIZE (2019)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-map11>

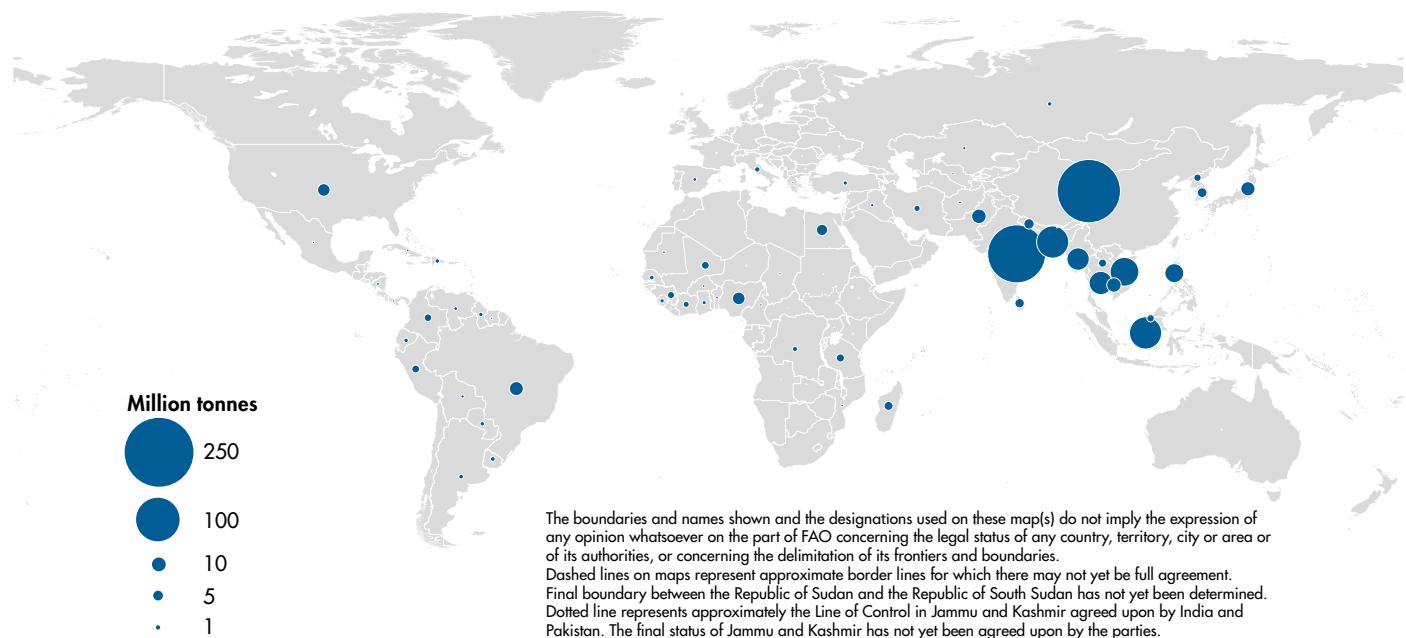
MAP 12.
PRODUCTION OF WHEAT (2019)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-map12>

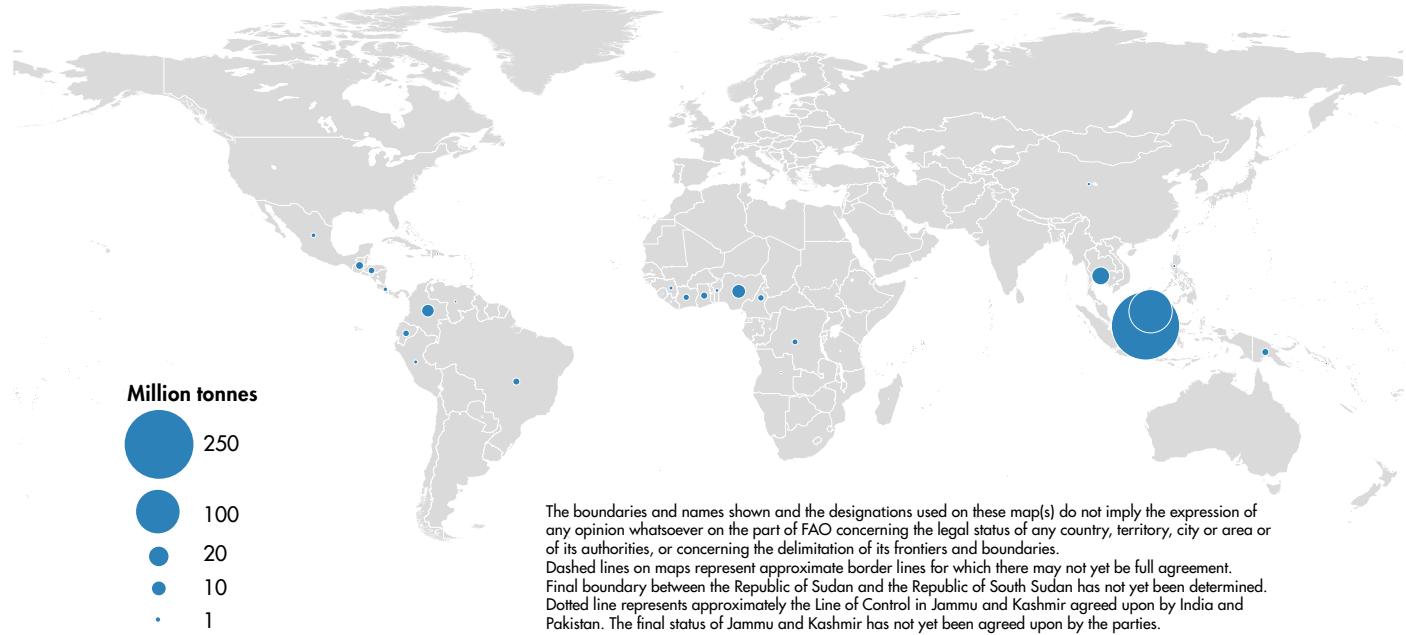
MAP 13.
PRODUCTION OF RICE (2019)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-map13>

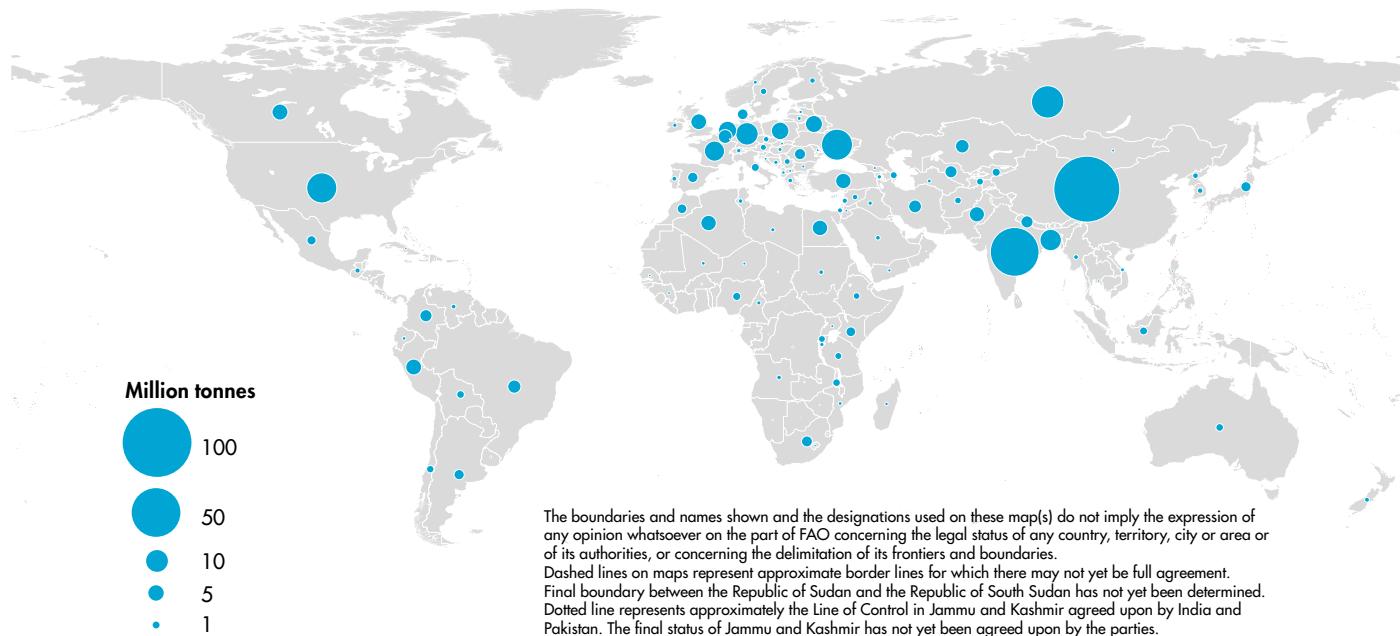
MAP 14.
PRODUCTION OF OIL PALM FRUIT (2019)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-map14>

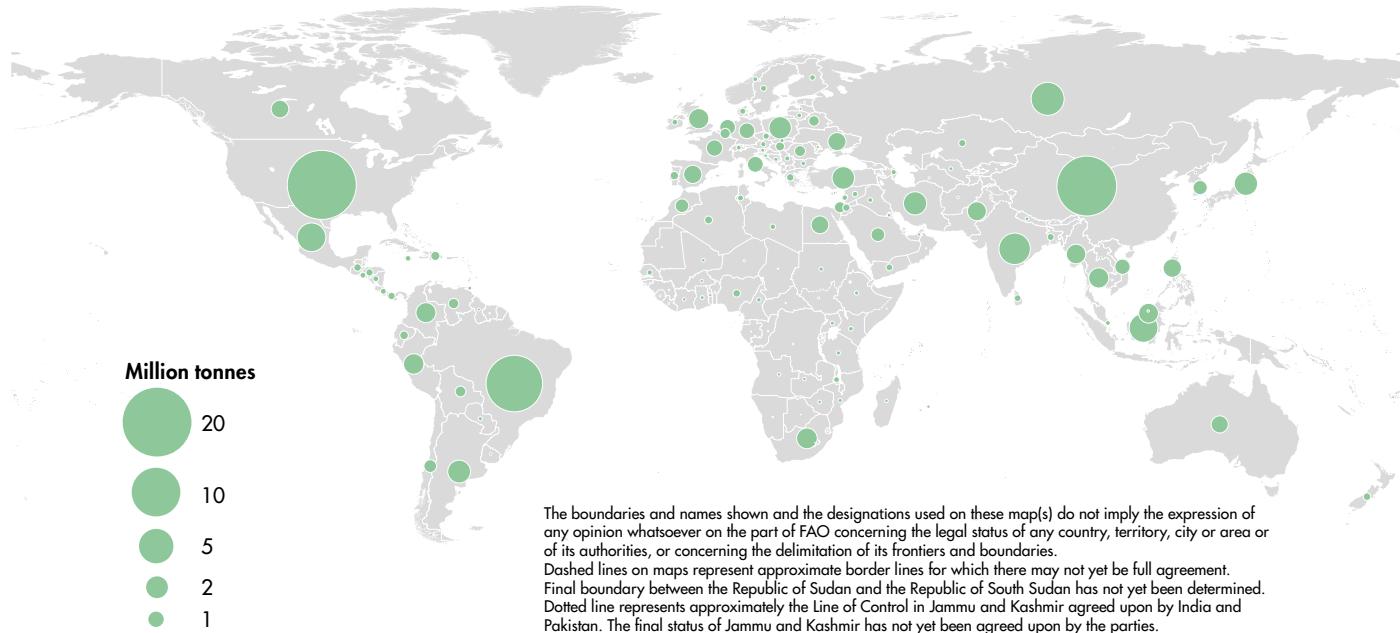
**MAP 15.
PRODUCTION OF POTATOES (2019)**



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-map15>

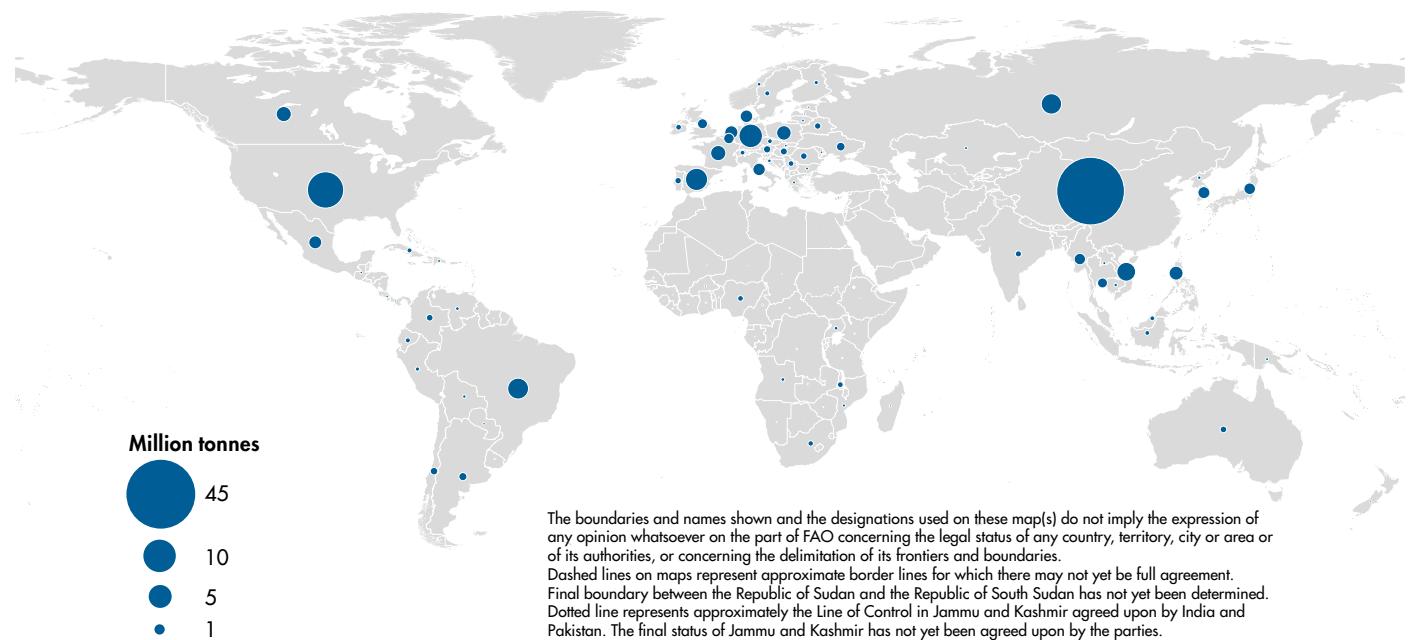
**MAP 16.
PRODUCTION OF CHICKEN MEAT (2019)**



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-map16>

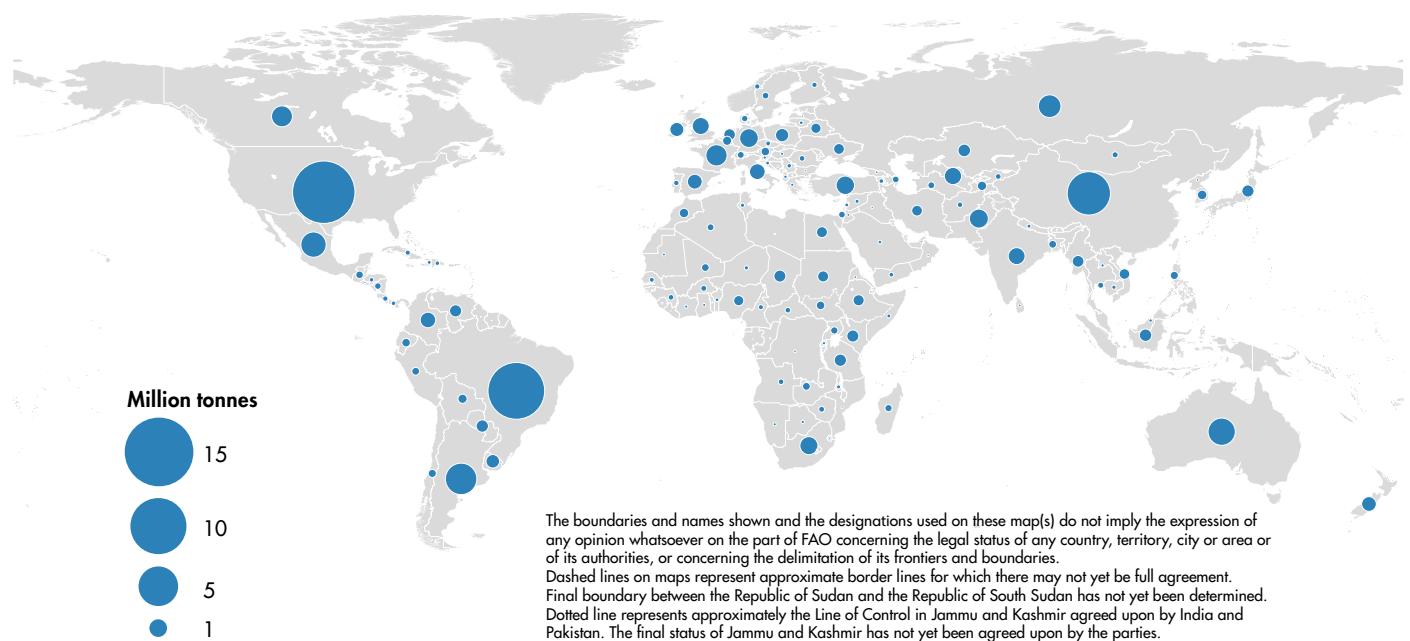
MAP 17.
PRODUCTION OF PIG MEAT (2019)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-map17>

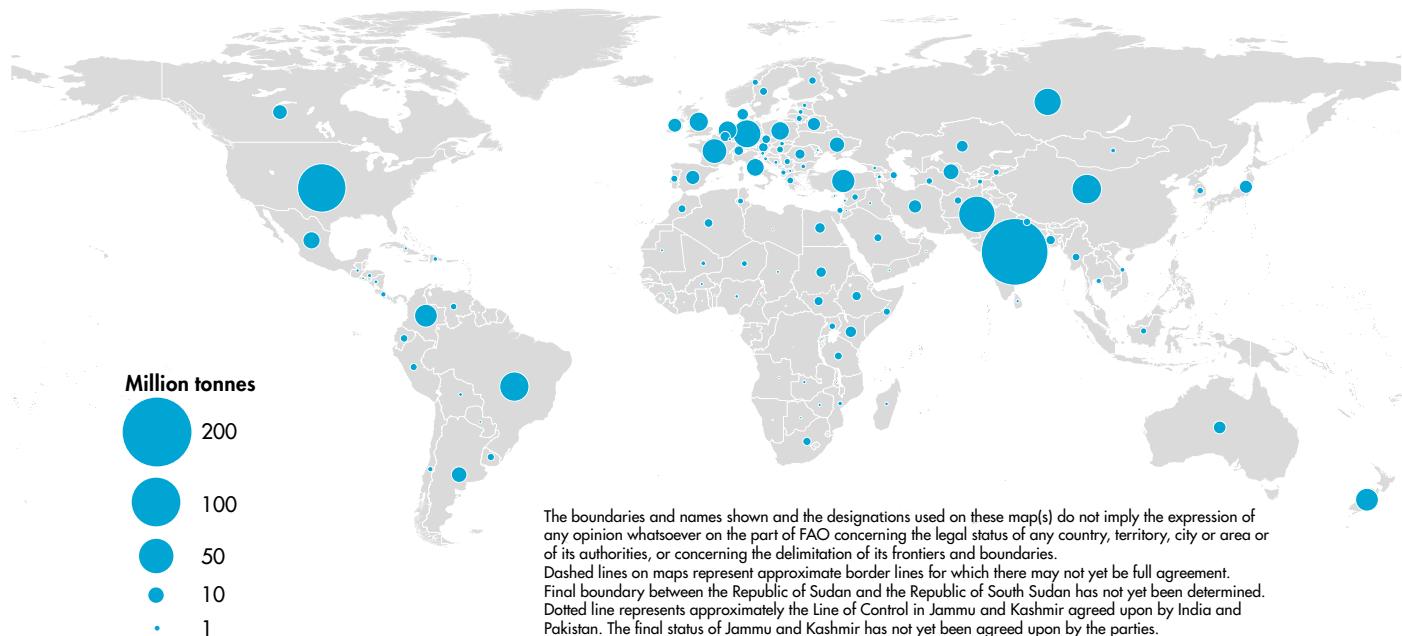
MAP 18.
PRODUCTION OF CATTLE MEAT (2019)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-map18>

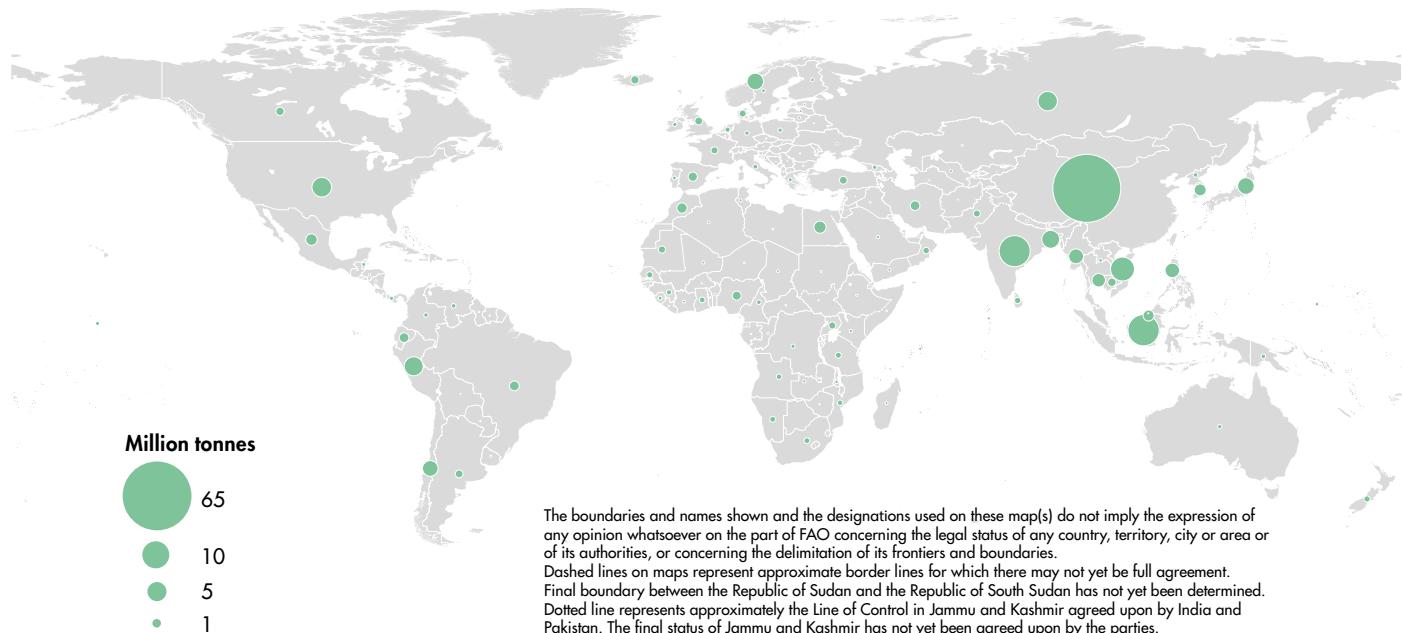
MAP 19.
PRODUCTION OF MILK (2019)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-map19>

MAP 20.
CAPTURE FISHERIES AND AQUACULTURE PRODUCTION (2019)



Source: FishStat

Note: Excludes aquatic mammals, crocodiles, alligators and caimans, pearls and shells, corals, sponges, seaweeds and other aquatic plants.

<https://doi.org/10.4060/cb4477en-map20>

MAP 21.
AQUACULTURE PRODUCTION (2019)

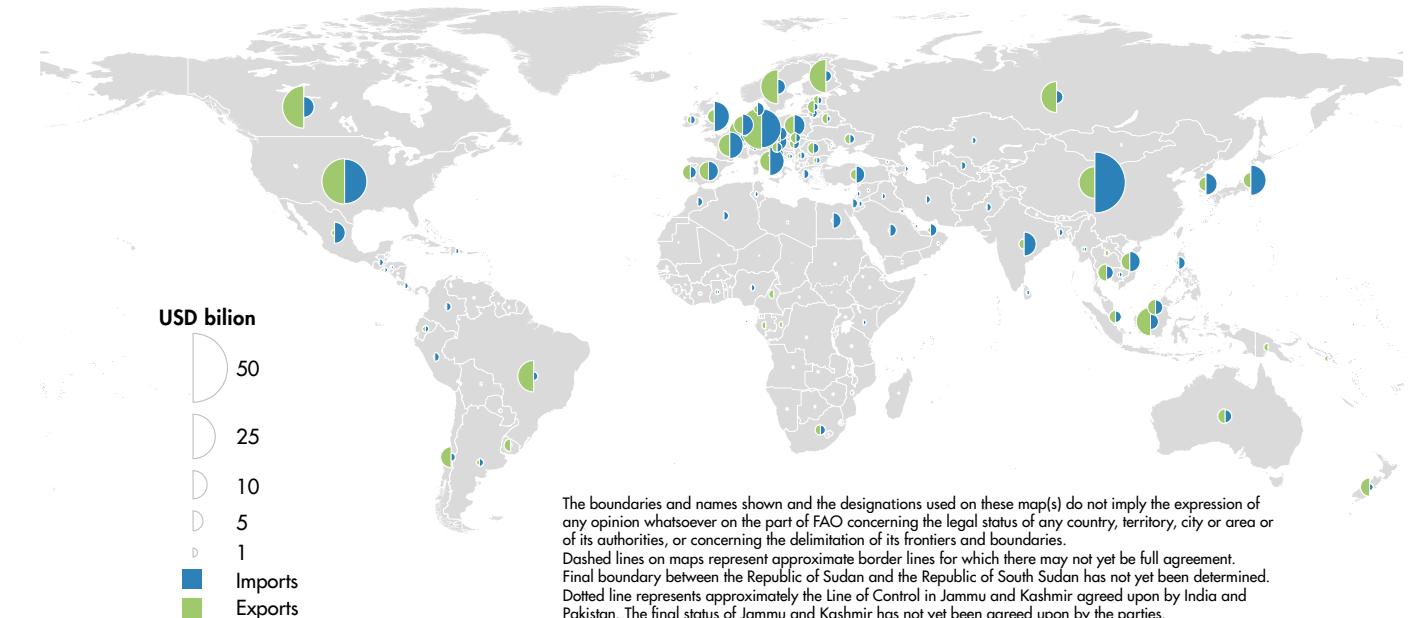


Source: FishStat

Note: Excludes aquatic mammals, crocodiles, alligators and caimans, pearls and shells, corals, sponges, seaweeds and other aquatic plants.

<https://doi.org/10.4060/cb4477en-map21>

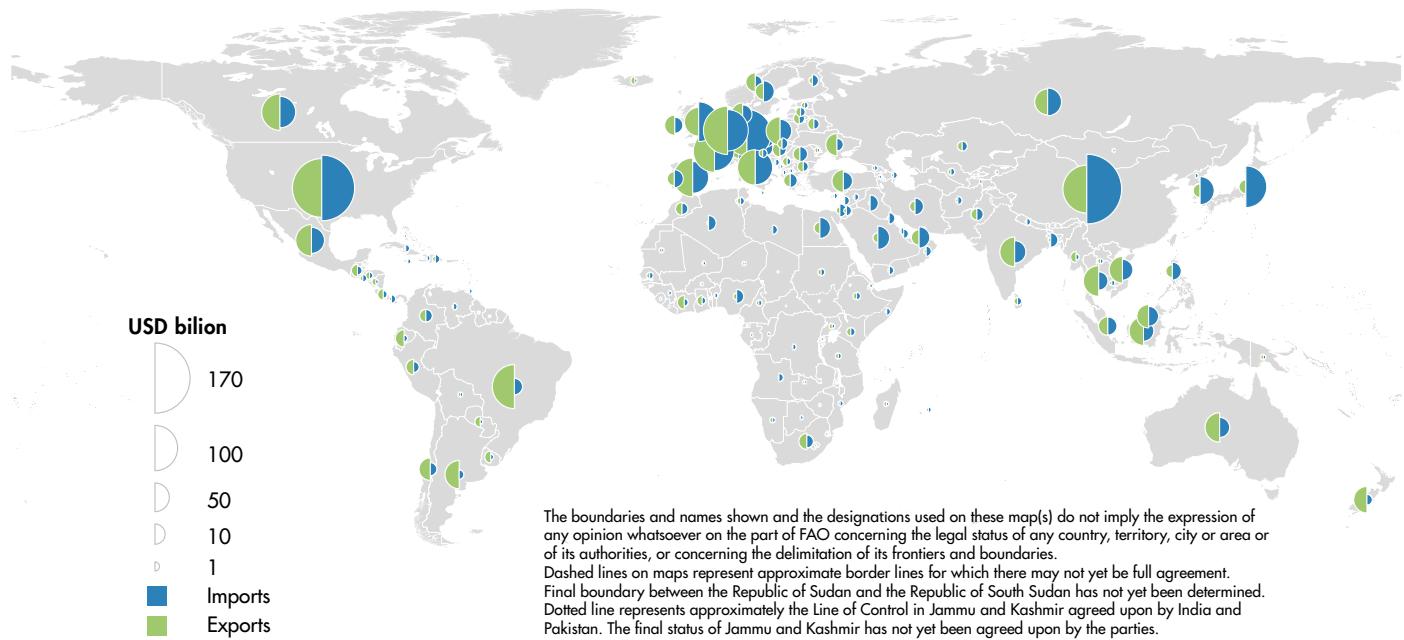
MAP 22.
IMPORTERS AND EXPORTERS OF FOREST PRODUCTS (2019)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-map22>

MAP 23.
IMPORTERS AND EXPORTERS OF FOOD (2019)

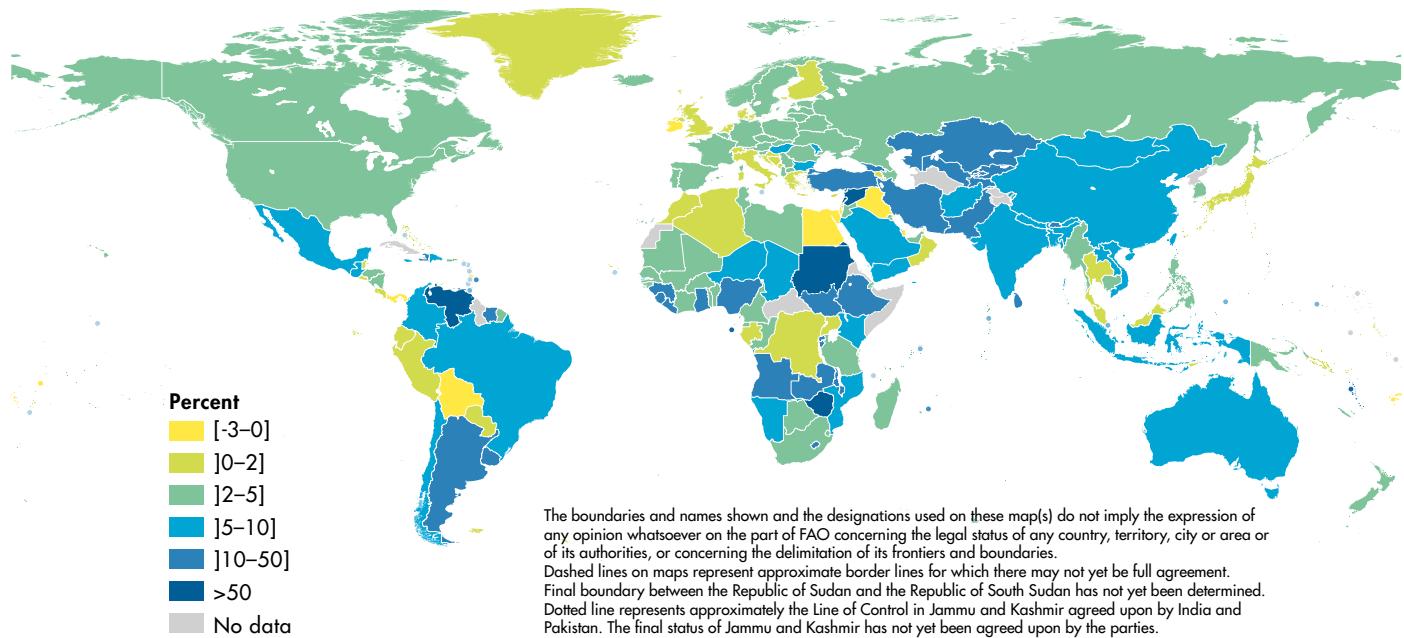


Source:: FAOSTAT, FishStat

Note: Values for fish exclude trade of aquatic mammals, crocodiles, alligators and caimans, fishmeal, fish oil, ornamental fish, fish for culture, seaweeds and other aquatic plants.

<https://doi.org/10.4060/cb4477en-map23>

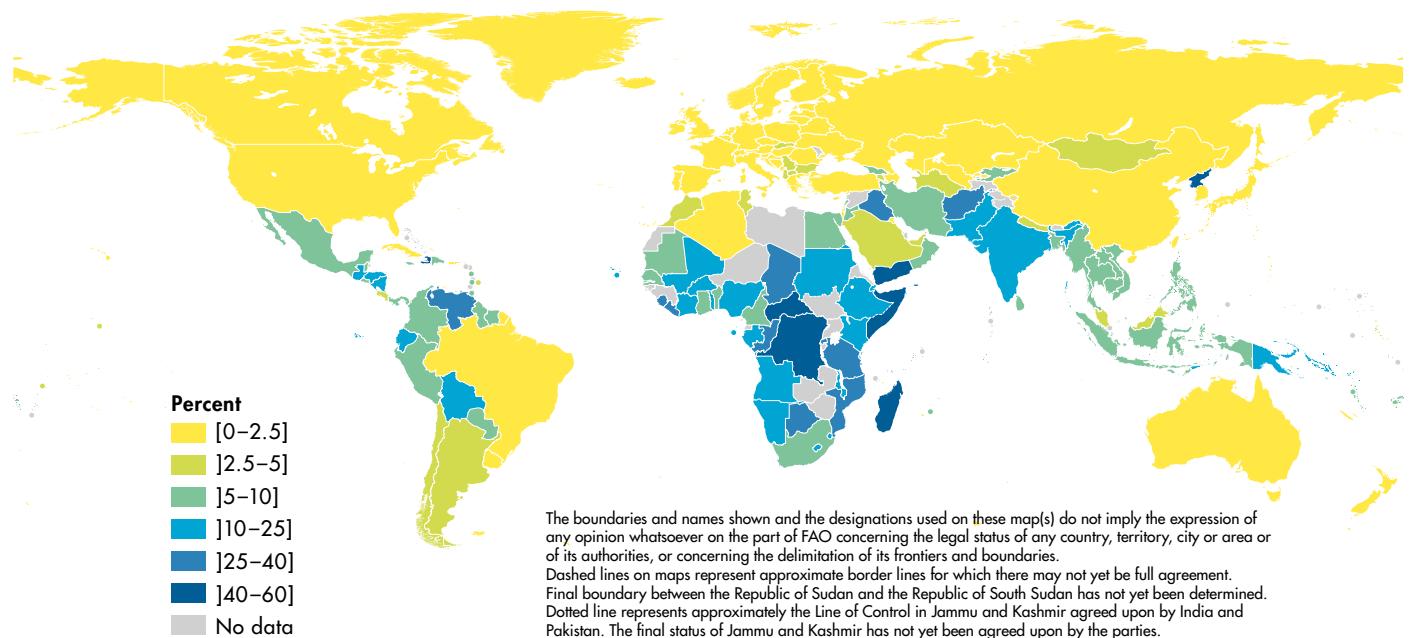
MAP 24.
INFLATION IN FOOD CONSUMER PRICES (2020 AVERAGE)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-map24>

MAP 25.
PREVALENCE OF UNDERNOURISHMENT (2018–2020 AVERAGE)

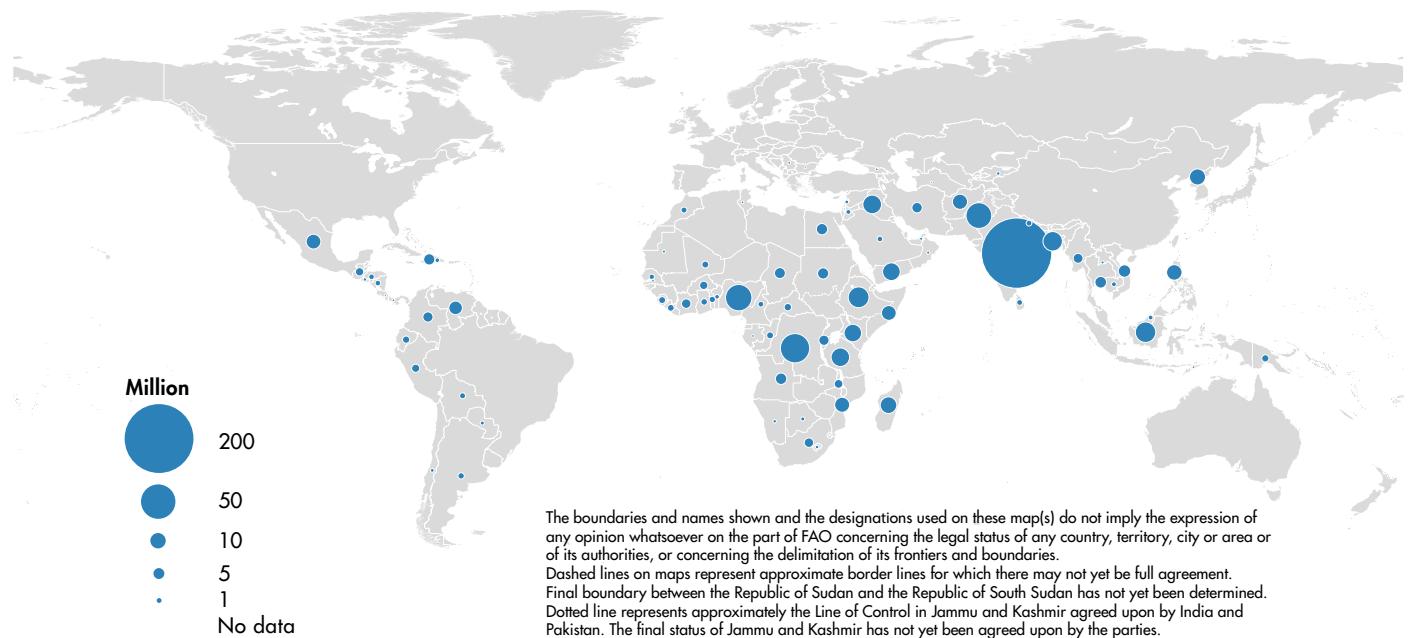


Source: FAOSTAT

Note: Values for 2020 are projections.

<https://doi.org/10.4060/cb4477en-map25>

MAP 26.
NUMBER OF UNDERNOURISHED PEOPLE (2018–2020 AVERAGE)

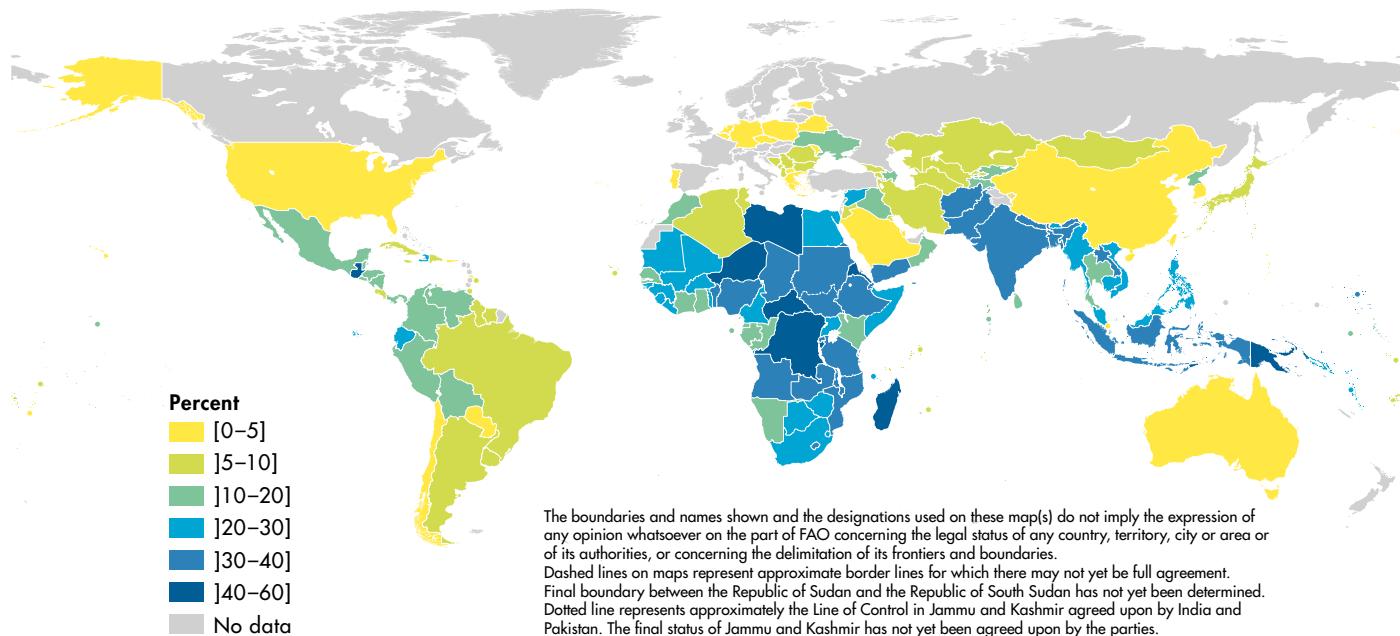


Source: FAOSTAT

Note: Values for 2020 are projections.

<https://doi.org/10.4060/cb4477en-map26>

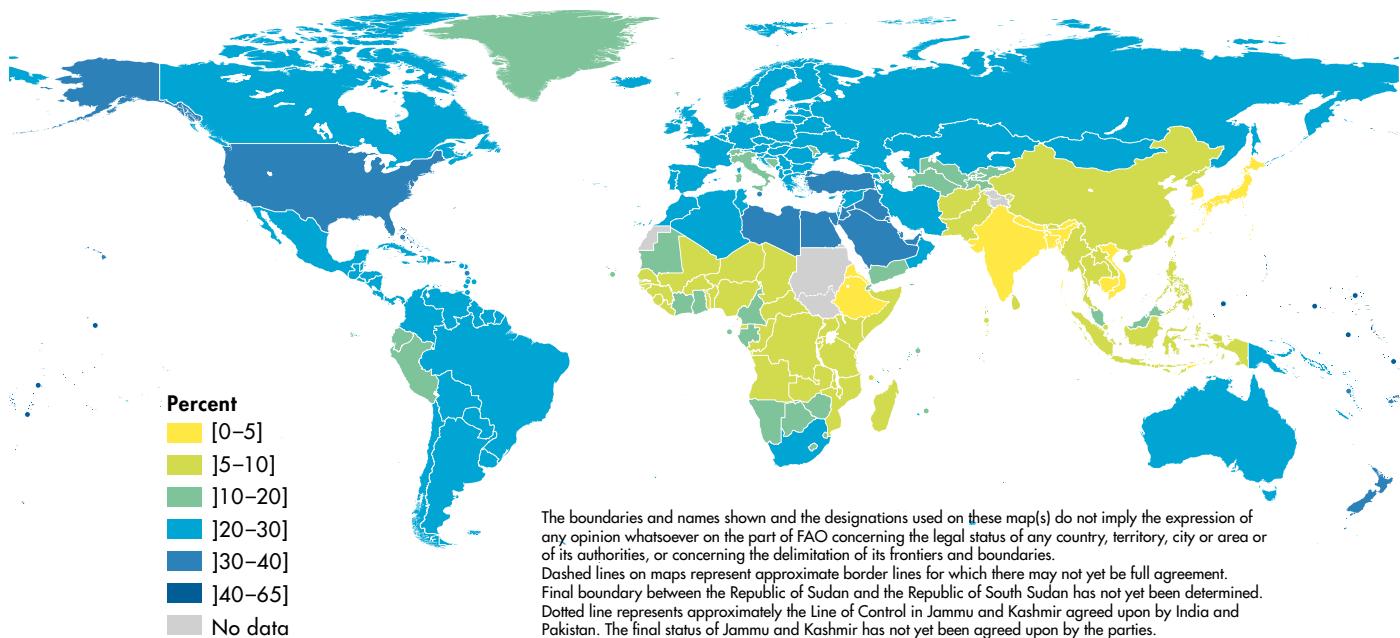
MAP 27.
PREVALENCE OF STUNTING IN CHILDREN UNDER 5 YEARS (2020)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-map27>

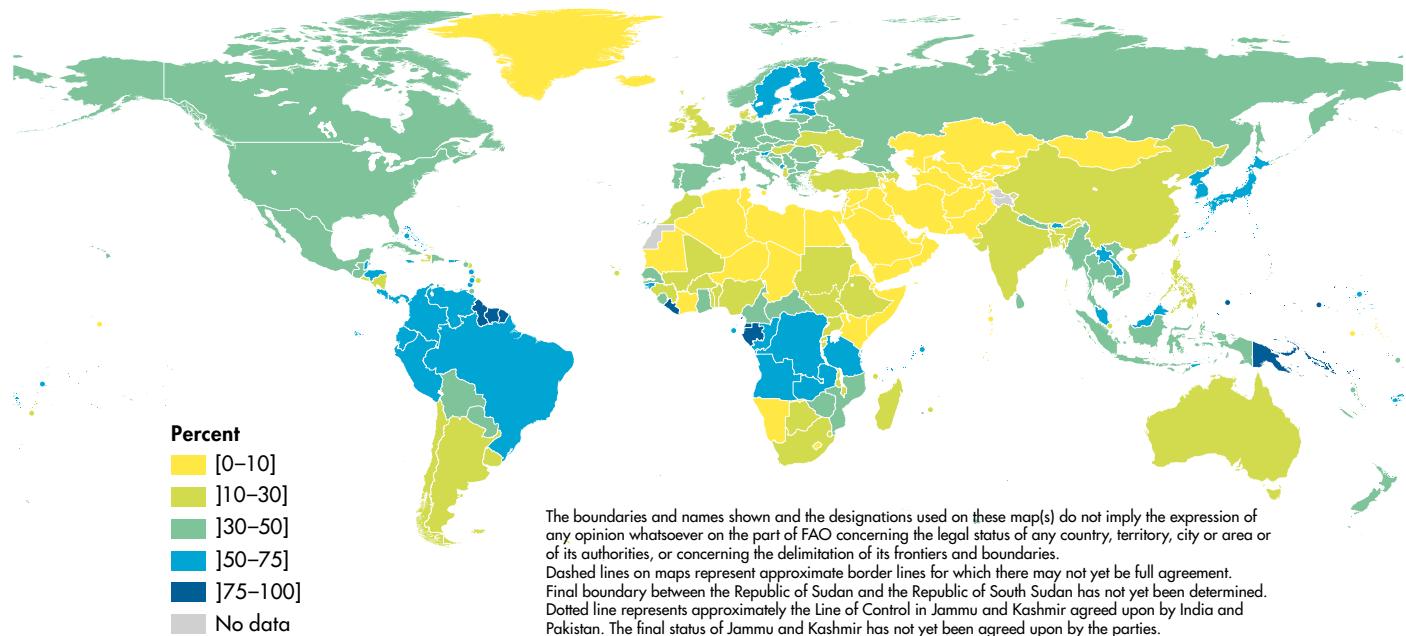
MAP 28.
PREVALENCE OF OBESITY IN THE ADULT POPULATION (2016)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-map28>

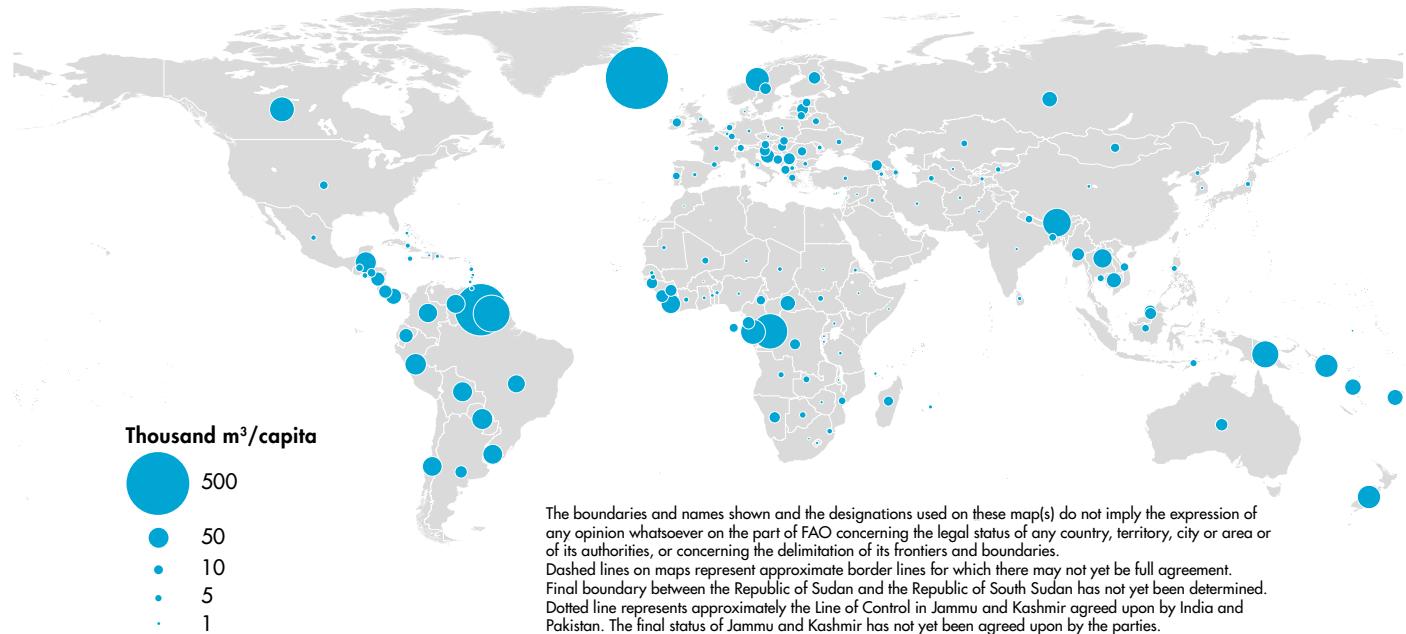
MAP 29.
SHARE OF FOREST AREA IN LAND AREA (2019)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-map29>

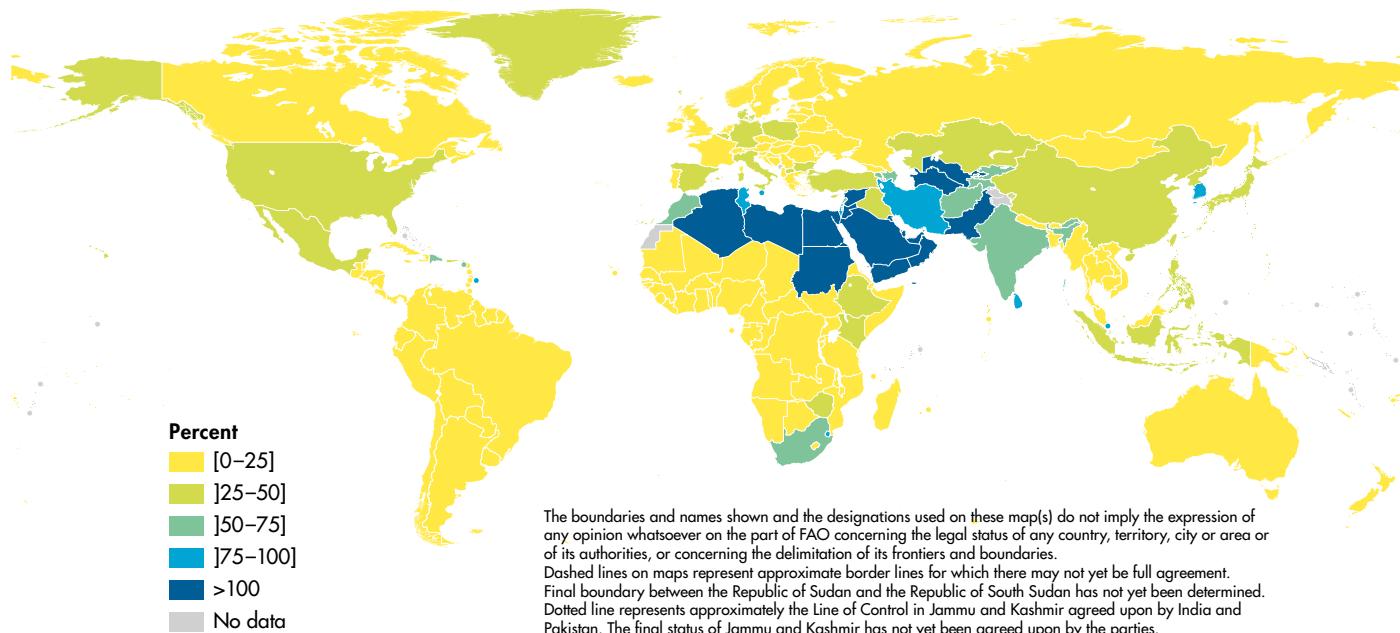
MAP 30.
TOTAL RENEWABLE WATER RESOURCES PER CAPITA (2018)



Source: AQUASTAT

<https://doi.org/10.4060/cb4477en-map30>

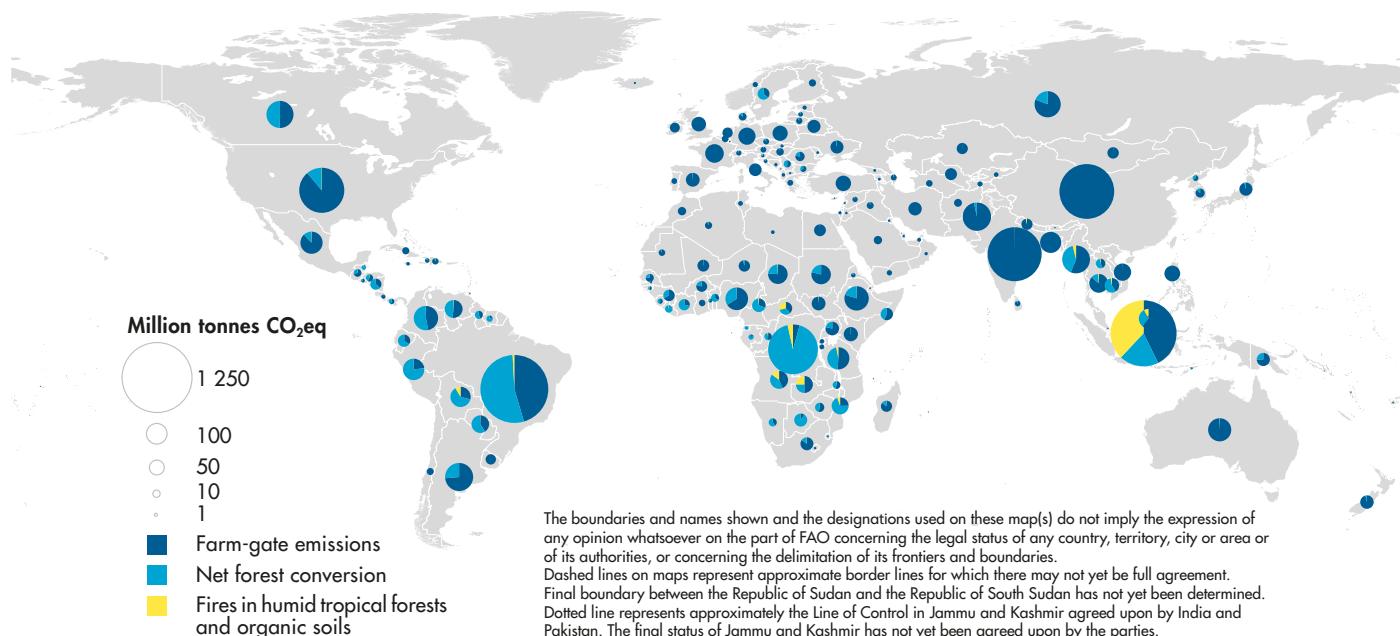
MAP 31.
WATER STRESS (2018)



Source: AQUASTAT

<https://doi.org/10.4060/cb4477en-map31>

MAP 32.
GREENHOUSE GAS EMISSIONS ON AGRICULTURAL LAND (2019)



Source: FAOSTAT

<https://doi.org/10.4060/cb4477en-map32>

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	2014	2015	2016	2017	2018	2019
World	2 031 616.8	2 360 380.5	2 706 298.2	3 082 678.9	3 157 066.8	3 228 446.9	3 340 671.9	3 423 914.1	3 511 294.4
Africa	170 001.8	227 650.5	292 132.8	345 001.3	358 327.4	366 825.7	384 677.8	396 700.2	403 925.8
Americas	327 134.5	388 181.3	412 109.7	450 655.4	468 520.0	472 277.0	483 036.1	489 677.4	496 301.2
Asia	1 217 770.0	1 413 509.8	1 660 713.2	1 912 570.9	1 959 764.9	2 017 574.1	2 098 527.5	2 165 356.2	2 236 854.5
Europe	279 469.5	290 551.2	298 844.9	329 009.4	327 243.5	325 585.1	329 443.7	329 565.8	333 622.3
Oceania	37 240.9	40 487.7	42 497.7	45 442.0	43 211.0	46 185.0	44 986.8	42 614.5	40 590.7
Afghanistan	3 232.4	3 658.6	4 663.8	5 434.7	4 777.9	5 030.6	5 500.1	5 177.9	6 254.4
Albania	1 366.5	1 577.8	1 963.0	2 235.2	2 252.4	2 298.5	2 317.7	2 345.0	2 376.7
Algeria	7 027.5	10 091.4	13 664.5	18 130.3	19 218.1	19 564.0	19 681.4	20 370.3	20 920.3
Andorra	11.6	11.9	13.7	14.8	14.3	15.1	16.2	16.1	16.3
Angola	3 154.3	4 577.5	6 935.0	9 528.6	10 599.8	11 011.8	11 063.6	10 892.0	10 723.4
Antigua and Barbuda	18.8	23.9	20.4	21.0	21.6	22.4	25.7	25.9	26.3
Argentina	23 529.7	29 065.9	31 649.1	30 923.4	33 255.6	31 687.0	32 651.9	27 989.5	33 499.7
Armenia	720.7	1 105.9	1 127.4	1 606.1	1 817.6	1 727.3	1 638.7	1 526.2	1 486.8
Australia	26 187.6	28 513.2	31 483.8	32 375.0	29 982.2	32 848.1	31 972.1	28 733.7	26 447.7
Austria	3 861.1	3 903.5	3 997.7	4 225.1	4 313.7	4 410.5	4 642.7	4 806.5	4 769.3
Azerbaijan	1 680.9	2 368.5	2 669.7	3 076.2	3 278.9	3 364.3	3 505.7	3 666.7	3 935.7
Bahamas	133.9	143.7	131.7	95.8	96.5	101.5	96.2	85.9	75.7
Bahrain	74.2	84.7	86.5	101.3	98.2	105.0	104.1	108.0	110.3
Bangladesh	16 634.9	18 815.3	24 176.6	27 821.9	28 747.9	29 548.9	30 427.9	31 701.4	32 944.3
Barbados	86.0	70.7	65.8	61.4	61.7	61.0	59.0	67.8	63.5
Belarus	2 050.0	2 615.5	3 236.7	3 634.9	3 547.2	3 683.1	3 843.1	3 713.7	3 827.0
Belgium	2 586.2	2 673.8	3 035.5	2 669.2	3 172.3	2 946.6	3 074.7	2 608.2	2 564.3
Belize	163.0	255.8	228.5	252.3	220.8	173.0	189.9	182.5	181.2
Benin	977.3	1 208.1	1 412.0	2 203.4	3 003.3	3 272.6	3 520.1	3 778.1	3 973.0
Bhutan	234.7	234.9	252.9	276.4	289.3	301.5	310.4	323.9	336.4
Bolivia (Plurinational State of)	2 125.0	2 526.7	2 755.7	3 214.6	3 379.1	3 484.9	3 749.7	4 008.9	4 221.4
Bosnia and Herzegovina	715.6	975.7	1 035.2	926.2	1 011.3	1 088.2	1 000.0	1 090.5	1 068.3
Botswana	233.0	234.2	341.9	316.3	317.4	319.2	325.4	334.0	333.5
Brazil	45 625.6	56 286.1	66 067.6	75 343.1	77 840.2	73 773.7	84 214.4	85 365.5	86 434.1
Brunei Darussalam	98.4	138.3	123.1	134.1	142.6	137.6	135.4	133.3	131.4
Bulgaria	2 806.5	2 774.6	2 121.9	2 213.3	2 037.4	2 193.7	2 390.1	2 341.6	2 426.2
Burkina Faso	1 640.2	2 043.8	2 351.1	2 765.1	2 676.0	2 789.0	2 783.3	3 153.2	3 208.2
Burundi	1 044.1	1 019.1	962.1	1 005.4	990.6	1 017.1	1 038.7	1 050.2	1 070.9
Cabo Verde	117.6	106.2	114.3	129.0	139.5	133.2	116.9	95.3	88.3
Cambodia	2 661.0	3 406.6	4 372.2	4 788.0	4 797.7	4 857.4	4 945.8	5 006.9	4 973.4
Cameroon	2 662.4	3 120.3	3 587.3	4 336.1	4 565.5	4 795.6	4 949.6	5 200.7	5 351.5
Canada	21 675.4	25 215.1	24 196.0	27 881.4	29 095.5	30 292.6	30 988.7	31 577.6	33 416.1

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

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Central African Republic	809.5	847.6	918.6	531.2	534.2	561.2	579.1	599.0	622.2
Chad	1 243.5	1 914.3	3 411.0	3 296.5	3 398.7	4 102.2	4 229.7	4 398.9	4 601.3
Chile	4 555.5	6 797.8	7 711.8	8 373.2	8 875.9	9 109.3	9 311.2	9 462.1	9 318.6
China	529 523.1	642 142.0	782 644.9	923 929.5	961 313.6	994 489.8	1 035 274.1	1 073 041.9	1 113 106.0
Colombia	12 141.9	13 825.9	14 567.7	16 827.9	17 551.5	18 031.8	19 037.3	19 491.0	19 872.7
Comoros	231.7	272.7	228.9	292.5	295.5	310.4	340.6	357.3	372.6
Congo	372.8	508.2	577.4	740.3	703.6	702.2	807.8	773.9	801.4
Costa Rica	2 072.8	2 286.4	2 601.4	2 791.2	2 715.1	2 856.5	2 963.1	3 016.4	2 981.6
Côte d'Ivoire	6 003.5	6 128.1	5 893.4	8 017.2	8 406.9	8 067.1	8 364.8	8 749.2	9 158.9
Croatia	1 913.5	2 060.1	2 026.7	1 456.6	1 491.3	1 587.3	1 548.2	1 582.1	1 601.6
Cuba	3 105.6	2 769.1	2 901.9	3 263.4	3 344.8	3 538.6	3 489.7	3 580.9	3 664.3
Cyprus	605.1	596.2	445.5	360.2	368.2	428.0	431.0	444.1	450.4
Czechia	4 034.5	4 939.9	3 756.9	3 895.0	4 157.8	4 376.3	4 210.2	4 380.7	4 617.3
Democratic People's Republic of Korea	2 723.9	3 399.1	3 148.7	3 553.2	3 524.4	3 613.4	3 565.6	3 501.1	3 549.3
Democratic Republic of the Congo	4 908.4	4 788.2	5 689.0	6 655.7	6 965.7	7 192.6	7 305.9	7 423.6	7 657.0
Denmark	2 960.3	2 832.9	2 982.1	3 313.2	2 898.4	2 455.3	2 800.0	2 665.2	3 254.3
Djibouti	36.1	43.1	42.0	28.0	28.4	27.2	36.7	42.3	44.6
Dominica	75.1	65.5	64.7	78.2	76.0	83.1	67.3	48.8	56.1
Dominican Republic	2 187.8	2 582.1	3 282.4	3 813.2	3 902.6	4 122.9	4 362.8	4 602.8	4 791.0
Ecuador	5 208.5	6 501.4	7 306.2	9 122.4	9 387.8	9 468.5	9 992.1	10 003.6	10 180.7
Egypt	22 042.4	26 527.1	31 315.2	35 125.8	36 204.7	37 325.9	38 535.7	39 736.0	40 970.3
El Salvador	1 266.4	1 223.8	1 485.5	1 342.9	1 296.1	1 377.6	1 325.3	1 281.5	1 309.4
Equatorial Guinea	167.3	167.4	159.6	222.6	248.8	262.3	255.1	253.5	239.4
Eritrea	243.2	379.3	310.6	430.2	352.2	387.6	339.7	387.6	403.5
Estonia	418.9	436.7	541.7	636.2	654.0	498.4	507.4	358.1	552.1
Eswatini	290.6	334.9	323.5	367.1	379.7	347.3	330.2	356.0	348.5
Ethiopia	8 651.4	11 085.3	16 560.8	21 380.7	22 744.3	23 273.3	24 827.3	25 698.0	26 683.3
Fiji	297.3	297.1	278.1	358.1	368.6	328.8	356.0	379.0	383.9
Finland	4 184.5	4 104.7	4 844.4	5 100.6	5 283.6	5 401.2	5 513.2	5 387.8	5 454.4
France	34 340.8	34 136.3	36 489.6	39 094.0	39 148.9	34 309.2	37 134.5	38 719.0	38 437.4
Gabon	420.1	475.8	466.3	572.3	619.6	691.8	776.1	849.8	944.1
Gambia	303.0	333.8	448.3	294.4	306.1	305.4	292.0	309.4	278.6
Georgia	1 063.6	1 290.1	1 006.5	1 170.0	1 168.4	1 136.2	1 048.9	1 193.6	1 180.9
Germany	21 778.0	20 194.7	24 119.7	26 656.6	22 979.9	22 577.7	21 761.9	18 678.0	19 362.8
Ghana	5 539.2	7 104.4	8 848.7	9 738.3	9 957.9	10 247.4	10 873.3	11 397.6	11 927.3
Greece	8 521.7	8 705.4	7 276.4	7 746.7	7 559.5	6 998.0	7 914.1	7 803.4	8 200.3
Grenada	42.9	23.6	35.9	55.3	74.1	66.3	56.1	57.7	55.0
Guatemala	3 956.7	4 597.8	5 149.0	6 039.5	6 198.1	6 346.1	6 541.7	6 701.1	6 853.4
Guinea	868.7	1 037.2	1 246.7	1 531.5	1 625.0	1 722.0	1 870.9	2 003.4	2 148.2
Guinea-Bissau	347.8	410.3	448.3	476.2	490.1	516.2	514.6	518.0	516.4
Guyana	282.8	699.6	883.6	1 054.6	1 088.9	968.0	1 090.6	1 162.9	1 157.1
Haiti	1 543.4	1 467.7	1 482.5	1 492.4	1 411.4	1 454.5	1 466.8	1 481.6	1 464.5

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

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Honduras	1 507.6	1 725.1	1 992.2	2 497.2	2 562.9	2 685.3	2 963.2	3 043.6	3 011.8
Hungary	3 615.4	4 990.0	3 968.5	4 753.2	4 743.6	5 339.5	4 984.6	5 191.0	5 211.7
Iceland	903.2	936.8	827.7	880.8	920.5	918.6	920.7	909.7	1 066.4
India	228 142.8	259 599.1	303 288.4	344 986.6	347 227.7	370 830.6	392 815.0	402 270.5	414 794.2
Indonesia	67 446.1	78 970.6	94 801.8	111 948.6	116 152.0	120 069.5	124 771.3	129 629.6	134 347.7
Iran (Islamic Republic of)	24 825.4	32 611.1	32 668.0	39 428.1	41 250.6	42 981.5	44 347.5	46 377.0	48 415.7
Iraq	8 528.6	11 038.7	8 427.0	11 076.2	6 991.0	6 969.4	5 854.4	6 605.0	9 165.8
Ireland	2 420.2	2 052.2	2 008.9	2 471.0	2 610.4	2 869.5	3 029.8	2 663.5	3 421.3
Israel	2 780.6	3 718.6	3 785.9	3 833.2	3 583.8	3 768.1	3 824.9	3 723.8	3 773.5
Italy	38 294.5	36 211.1	36 539.6	36 198.9	37 915.7	37 894.3	36 468.1	37 114.4	36 476.3
Jamaica	788.6	681.5	803.8	895.4	895.6	1 010.9	975.5	1 015.5	1 019.6
Japan	67 458.9	53 111.3	51 781.4	51 190.7	48 894.6	45 342.9	45 753.2	46 432.0	45 244.3
Jordan	695.1	1 101.1	1 651.4	1 614.4	1 694.4	1 759.2	1 843.3	1 902.5	1 950.8
Kazakhstan	4 979.8	6 581.3	7 129.8	8 392.0	8 685.7	9 154.7	9 447.7	9 806.7	9 796.9
Kenya	11 950.4	14 089.1	15 802.4	18 345.3	19 325.5	20 230.3	20 548.8	21 772.3	22 552.1
Kiribati	34.2	28.6	31.3	36.5	37.4	41.7	45.4	45.6	48.7
Kuwait	193.0	282.5	545.4	647.9	614.9	618.0	656.3	653.8	636.3
Kyrgyzstan	679.5	773.8	838.6	884.6	939.0	965.9	987.5	1 013.2	1 039.5
Lao People's Democratic Republic	1 556.0	1 757.1	2 152.3	2 444.0	2 531.0	2 600.8	2 675.6	2 709.5	2 684.1
Latvia	629.7	805.1	818.5	927.1	952.4	911.6	927.9	894.5	1 004.2
Lebanon	1 500.7	1 479.8	1 555.1	1 947.5	1 689.2	1 796.0	2 036.0	1 954.8	2 524.1
Lesotho	105.6	87.5	91.7	88.2	89.2	136.5	124.5	99.5	98.5
Liberia	838.9	576.8	1 214.5	1 588.6	1 588.6	1 226.0	1 211.9	1 209.5	1 214.7
Libya	1 004.4	1 268.5	1 507.4	250.8	128.1	100.3	159.8	208.7	224.3
Lithuania	1 122.9	1 153.7	1 120.6	1 349.0	1 415.3	1 360.3	1 359.6	1 218.4	1 335.1
Luxembourg	345.0	176.1	140.3	127.9	130.3	116.4	110.5	108.4	111.8
Madagascar	2 439.7	2 680.7	2 950.7	2 960.2	2 914.9	2 954.1	2 992.3	3 002.9	3 181.1
Malawi	1 284.9	1 221.6	1 567.9	1 864.9	1 845.7	1 844.6	1 957.8	1 969.7	2 046.9
Malaysia	16 430.4	19 211.7	21 928.5	24 618.1	24 974.8	24 062.8	25 479.2	25 497.1	26 001.5
Maldives	198.7	291.9	215.7	229.6	228.7	232.0	251.2	263.2	276.5
Mali	1 148.9	1 568.1	2 867.2	4 500.0	4 875.5	5 411.6	5 601.9	6 030.9	6 427.3
Malta	131.7	142.1	118.0	110.0	115.7	137.9	94.8	112.6	107.8
Marshall Islands	14.0	13.7	22.3	25.8	25.9	25.2	26.6	27.7	28.3
Mauritania	1 004.9	1 010.2	1 145.4	1 153.8	1 272.2	1 340.6	1 301.1	1 309.6	1 346.1
Mauritius	279.8	270.7	337.4	367.8	368.8	382.3	381.5	376.5	391.0
Mexico	28 412.9	30 375.7	33 741.4	36 658.4	37 416.7	38 734.4	40 041.7	40 995.5	41 763.6
Micronesia (Federated States of)	70.0	68.4	69.7	75.7	82.9	78.9	78.3	78.4	79.8
Mongolia	806.0	786.0	867.0	1 417.4	1 569.3	1 666.8	1 696.9	1 772.8	1 920.8
Montenegro	235.1	275.4	285.7	320.2	326.7	339.5	328.9	339.8	332.4
Morocco	5 454.4	7 635.7	10 471.6	12 474.5	12 777.0	11 596.7	14 598.2	14 299.6	13 715.5
Mozambique	1 533.8	2 227.2	3 162.1	3 547.8	3 655.4	3 809.9	3 960.8	4 095.3	4 143.9
Myanmar	7 253.9	11 670.0	15 326.7	16 823.6	17 066.0	16 814.4	16 826.0	17 092.8	17 101.8
Namibia	754.9	1 023.5	869.9	802.7	696.1	701.0	749.8	735.5	716.7

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

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Nauru	2.5	2.5	1.6	1.9	2.5	2.4	2.2	2.4	2.4
Nepal	3 755.3	4 576.6	5 230.8	6 045.4	6 112.0	6 125.8	6 444.4	6 626.0	6 961.5
Netherlands	10 914.3	11 372.4	12 448.2	12 927.3	13 195.7	13 489.6	13 553.2	13 378.0	13 570.7
New Zealand	6 916.3	7 691.0	6 378.4	7 694.7	7 961.8	7 979.1	7 493.9	8 128.5	8 243.6
Nicaragua	1 418.2	1 637.6	1 965.3	2 068.5	2 055.1	2 153.7	2 351.9	2 372.6	2 433.4
Niger	1 373.8	1 829.1	2 568.7	3 091.5	3 149.5	3 697.2	3 896.8	4 171.9	4 385.9
Nigeria	30 966.3	60 877.5	83 470.0	98 383.9	102 041.8	106 232.4	109 892.3	112 224.9	112 451.1
North Macedonia	863.6	906.5	1 004.1	961.1	979.0	975.2	853.7	916.8	951.5
Norway	3 733.9	4 423.9	5 617.6	6 277.9	5 931.9	5 574.9	5 809.7	5 823.0	6 080.5
Oman	671.7	708.3	862.4	1 026.5	1 361.4	1 474.2	1 602.9	2 056.5	2 096.6
Pakistan	43 365.1	48 238.5	56 006.5	62 273.5	63 600.0	63 697.9	65 088.1	67 653.0	68 226.0
Palau	10.7	9.7	9.3	8.5	8.2	8.8	9.8	9.3	8.7
Panama	1 269.9	1 587.2	1 392.8	1 504.8	1 507.0	1 517.6	1 534.2	1 574.0	1 651.5
Papua New Guinea	2 843.0	3 057.2	3 368.0	3 895.3	3 792.2	3 892.8	3 984.5	4 166.6	4 252.6
Paraguay	1 422.0	1 853.8	3 029.7	3 434.0	3 417.7	3 525.0	3 735.6	3 933.5	3 873.2
Peru	8 495.2	9 397.8	11 519.4	12 864.3	13 372.8	13 605.4	14 009.3	15 350.7	15 495.4
Philippines	20 872.6	24 905.0	27 657.0	29 999.7	30 039.1	29 674.3	30 851.0	31 125.9	31 592.5
Poland	9 441.3	11 428.8	12 671.7	12 527.9	11 346.3	11 584.3	11 689.3	10 628.7	10 636.2
Portugal	3 906.1	3 880.9	3 845.2	3 980.8	4 184.5	4 134.8	4 218.6	4 173.9	4 316.3
Qatar	96.1	95.4	166.0	242.2	260.9	284.4	307.7	333.4	339.6
Republic of Korea	23 930.8	23 687.5	27 306.2	29 445.4	29 372.7	27 717.8	28 342.5	28 386.1	29 049.2
Republic of Moldova	727.5	893.3	770.7	1 028.1	891.1	1 055.0	1 145.2	1 174.4	1 124.5
Romania	6 589.7	8 245.2	6 490.0	8 376.5	7 446.2	7 758.9	8 887.7	9 844.6	9 527.7
Russian Federation	37 962.6	43 010.8	42 350.2	51 515.9	52 754.8	53 947.6	54 759.5	53 639.6	53 947.3
Rwanda	935.6	1 250.8	1 586.8	1 949.2	2 045.8	2 124.9	2 225.9	2 362.1	2 480.7
Saint Kitts and Nevis	7.0	11.9	9.5	9.7	9.5	8.7	11.0	11.4	13.2
Saint Lucia	59.1	34.4	35.0	38.2	39.1	40.0	38.9	39.6	39.2
Saint Vincent and the Grenadines	43.7	42.5	44.5	48.8	47.1	50.2	52.5	53.9	53.4
Samoa	104.3	87.7	69.8	68.6	69.9	74.9	80.2	70.2	71.9
San Marino	1.5	1.3	1.0	0.4	0.3	0.2	0.3	0.2	0.2
Sao Tome and Principe	24.8	27.5	33.9	36.8	38.0	38.8	39.4	38.0	37.6
Saudi Arabia	12 032.2	12 933.8	15 002.0	17 034.0	17 137.9	17 246.5	17 332.4	17 388.4	17 615.7
Senegal	1 823.6	1 923.1	2 373.2	2 292.8	2 536.8	2 674.3	2 980.7	3 216.8	3 351.6
Serbia	2 140.5	2 514.8	2 521.6	2 606.2	2 662.4	2 860.8	2 534.9	2 918.0	2 871.0
Seychelles	32.9	31.3	24.4	29.3	28.2	28.4	29.4	33.5	34.5
Sierra Leone	784.2	1 523.2	2 100.0	2 410.8	2 496.0	2 593.6	2 709.7	2 815.6	2 973.3
Singapore	120.3	85.1	87.0	101.0	100.4	102.1	101.2	101.2	106.3
Slovakia	562.0	883.5	1 295.2	2 726.1	2 321.2	2 549.2	2 286.4	2 499.4	2 695.7
Slovenia	789.8	807.8	810.2	798.6	903.4	890.9	845.5	1 046.0	1 012.2
Solomon Islands	158.4	198.1	277.8	288.4	293.7	310.5	321.7	333.7	348.3
Somalia	518.6	597.8	684.3	753.5	769.3	793.1	818.9	842.0	867.8
South Africa	4 971.1	5 348.9	6 082.2	7 044.2	6 630.1	5 961.7	7 218.1	6 875.0	6 401.4
South Sudan			369.2	295.6	269.8	237.8	167.8	147.9	200.6

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

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Spain	28 975.5	26 199.5	29 260.5	31 226.9	32 690.9	34 251.3	32 999.2	35 490.1	34 678.3
Sri Lanka	4 052.2	4 113.1	5 367.5	6 301.1	6 596.9	6 349.9	6 325.3	6 735.7	6 775.5
Sudan			22 242.5	26 758.0	26 818.1	26 233.4	28 298.4	29 430.3	29 783.5
Suriname	264.3	281.5	383.5	416.1	433.4	439.3	493.9	486.2	475.4
Sweden	5 116.8	6 051.0	6 526.0	7 126.7	7 296.6	7 175.1	7 614.4	7 082.9	7 262.6
Switzerland	4 610.6	4 232.2	4 362.4	4 801.2	4 348.3	4 389.1	4 252.0	4 585.2	4 671.6
Syrian Arab Republic	5 824.7	6 909.2	6 257.5	3 810.4	3 943.8	3 928.0	3 880.8	4 346.5	4 711.7
Tajikistan	559.4	902.8	1 288.8	1 665.6	1 722.7	1 812.1	1 963.2	2 115.7	2 265.7
Thailand	28 094.8	32 079.0	34 725.3	38 067.5	35 605.9	35 155.7	36 464.2	38 308.7	38 367.1
Timor-Leste	239.1	267.3	318.5	296.5	283.4	279.6	271.3	279.2	286.1
Togo	392.8	408.2	810.2	1 040.6	1 149.5	1 291.8	1 392.0	1 438.8	1 486.6
Tonga	68.4	62.7	55.6	69.2	68.0	67.2	65.5	65.7	68.1
Trinidad and Tobago	523.3	382.9	178.6	193.7	263.1	243.9	263.1	237.8	230.0
Tunisia	2 887.9	3 124.3	3 352.6	3 954.9	4 439.4	4 062.0	4 136.9	4 606.3	4 644.3
Turkey	40 899.5	44 744.7	49 936.8	54 334.7	59 364.3	57 824.7	60 669.2	61 948.9	64 264.9
Turkmenistan	2 389.0	2 473.7	2 480.0	2 809.4	3 352.9	3 327.1	3 571.7	3 858.7	3 917.6
Tuvalu	6.2	6.1	7.9	7.3	7.2	7.4	7.5	7.5	7.6
Uganda	3 988.8	4 808.3	5 318.8	5 733.3	5 962.1	5 944.6	6 213.8	6 522.6	6 851.2
Ukraine	6 834.6	8 176.3	8 664.5	11 480.4	10 977.8	11 673.0	11 399.5	12 316.1	12 482.3
United Arab Emirates	3 699.3	3 402.5	2 423.0	2 619.4	2 653.9	2 744.8	2 835.7	2 988.8	3 068.7
United Kingdom of Great Britain and Northern Ireland	16 657.5	17 906.8	16 190.4	18 990.3	18 988.7	17 855.5	18 982.7	18 361.9	19 510.1
United Republic of Tanzania	6 844.9	8 608.2	10 480.6	12 275.6	12 932.8	13 546.2	14 357.3	15 118.9	15 778.2
United States of America	129 824.6	157 346.1	155 580.9	169 943.4	182 300.0	191 607.6	187 515.4	195 298.5	195 459.0
Uruguay	2 550.9	2 928.9	2 879.7	3 307.8	3 266.5	3 349.6	3 158.2	3 349.2	3 222.3
Uzbekistan	10 187.5	13 769.6	18 546.1	23 738.6	25 187.2	26 740.7	27 048.7	27 117.3	27 807.8
Vanuatu	131.9	144.9	164.6	194.9	164.1	172.5	173.2	174.8	184.5
Venezuela (Bolivarian Republic of)	19 571.2	22 414.1	24 505.5	23 254.3	19 698.1	14 895.7	12 814.4	10 491.1	6 692.3
Viet Nam	20 167.8	24 336.5	28 153.4	32 063.8	32 836.0	33 281.6	34 247.3	35 535.8	36 250.3
Yemen	3 481.2	4 329.4	6 232.2	5 884.3	4 781.2	4 291.6	3 952.0	3 829.8	3 927.7
Zambia	1 302.2	1 212.9	1 059.1	1 146.8	1 058.1	1 097.5	1 204.9	949.7	1 022.9
Zimbabwe	2 073.7	1 453.0	1 331.3	1 744.6	1 653.8	1 589.6	1 748.5	2 068.5	1 729.6

Complete data series are available at <http://www.fao.org/faostat/en/#data/MK>

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

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
World	4.2	4.2	4.2	4.3	4.2	4.2	4.2	4.2	4.2
Africa	14.4	14.8	14.5	15.3	15.5	15.6	15.8	15.8	15.6
Americas	1.8	1.8	1.8	1.8	1.9	1.8	1.9	1.8	1.8
Asia	10.3	9.3	8.2	7.7	7.5	7.3	7.3	7.2	7.1
Europe	1.8	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6
Oceania	3.9	3.6	3.3	3.2	2.9	3.1	2.9	2.7	2.6
Afghanistan	60.5	38.1	31.6	28.6	25.5	26.4	28.2	26.1	30.3
Albania	22.6	19.6	18.8	20.1	19.8	19.5	19.0	18.5	18.3
Algeria	7.3	8.1	9.7	11.3	11.6	11.4	11.3	11.6	11.8
Andorra	0.5	0.4	0.5	0.5	0.5	0.5	0.6	0.5	0.5
Angola	7.9	7.4	7.4	8.3	9.1	9.7	9.8	9.8	9.8
Antigua and Barbuda	1.8	1.9	1.7	1.6	1.6	1.6	1.8	1.7	1.6
Argentina	5.5	6.2	5.3	4.9	5.2	5.0	5.0	4.4	5.4
Armenia	18.5	15.7	13.2	15.7	17.2	16.3	14.4	12.8	11.6
Australia	3.3	3.0	2.9	2.7	2.4	2.6	2.4	2.1	2.0
Austria	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.1
Azerbaijan	13.9	10.6	5.6	5.9	6.2	6.5	6.8	7.0	7.4
Bahamas	1.3	1.2	1.1	0.8	0.8	0.9	0.8	0.7	0.6
Bahrain	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Bangladesh	20.3	17.6	16.9	15.2	14.8	14.2	13.6	13.2	12.6
Barbados	1.9	1.5	1.4	1.3	1.3	1.3	1.2	1.4	1.3
Belarus	7.9	7.0	6.1	6.2	6.3	6.7	6.8	6.4	6.5
Belgium	0.7	0.7	0.7	0.6	0.7	0.6	0.6	0.5	0.5
Belize	15.4	18.8	14.9	15.1	12.8	10.0	10.8	10.2	10.1
Benin	22.1	22.5	21.8	21.9	26.4	27.8	28.3	28.5	28.0
Bhutan	34.6	23.7	16.2	14.7	14.4	13.9	13.7	13.9	13.9
Bolivia (Plurinational State of)	12.3	12.5	10.9	10.2	10.2	10.1	10.5	10.7	11.1
Bosnia and Herzegovina	6.7	7.4	6.8	5.9	6.2	6.5	5.8	6.1	5.8
Botswana	3.0	2.6	3.0	2.2	2.2	2.1	2.1	2.1	2.0
Brazil	3.8	4.1	3.9	4.0	4.3	4.2	4.8	4.8	4.8
Brunei Darussalam	0.9	1.1	0.9	1.0	1.1	1.1	1.1	1.0	1.0
Bulgaria	9.4	7.0	4.6	4.5	4.0	4.2	4.4	4.2	4.2
Burkina Faso	32.1	29.4	25.9	24.3	22.6	22.3	20.9	22.2	21.4
Burundi	60.8	53.5	40.5	35.6	35.2	35.1	34.4	34.2	34.3
Cabo Verde	13.2	9.2	7.7	8.2	8.7	8.0	6.7	5.3	4.6
Cambodia	45.0	36.9	34.3	28.4	26.6	25.2	24.0	22.5	20.9
Cameroon	16.3	15.4	14.9	14.8	14.8	14.8	14.8	14.9	14.8
Canada	1.9	1.9	1.7	1.8	1.9	1.9	1.9	1.9	2.0
Central African Republic	40.9	43.7	39.4	32.7	31.5	31.6	31.2	31.1	31.4
Chad	37.6	29.0	35.1	29.5	29.1	36.1	38.1	38.7	39.3
Chile	3.4	4.1	3.8	3.5	3.6	3.7	3.7	3.6	3.5
China	17.9	13.8	10.0	8.7	8.5	8.2	8.0	7.8	7.6
Colombia	7.7	7.4	6.2	5.9	6.0	6.0	6.3	6.3	6.2
Comoros	34.9	36.7	30.8	30.9	30.6	31.3	32.5	32.8	33.2

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

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Congo	6.1	6.8	5.6	6.1	6.0	6.7	8.0	8.2	8.6
Costa Rica	6.9	6.3	5.7	5.3	5.0	5.0	5.0	5.0	4.8
Côte d'Ivoire	27.6	28.2	23.0	20.1	18.4	16.4	15.9	15.5	15.3
Croatia	4.9	4.2	4.1	3.0	3.0	3.1	2.9	2.9	2.9
Cuba	6.8	4.7	3.8	3.9	3.8	4.0	3.9	3.9	3.9
Cyprus	3.9	3.2	2.1	1.9	1.9	2.0	2.0	1.9	1.9
Czechia	3.2	3.2	2.2	2.2	2.2	2.3	2.1	2.1	2.2
Democratic People's Republic of Korea	19.4	21.4	19.9	21.6	21.6	21.4	21.8	22.4	22.6
Democratic Republic of the Congo	29.7	24.0	21.8	18.8	18.4	18.5	18.1	17.4	17.2
Denmark	1.1	1.0	1.1	1.1	1.0	0.8	0.9	0.8	1.0
Djibouti	4.6	4.7	2.9	1.2	1.2	1.0	1.3	1.4	1.4
Dominica	17.5	14.3	11.9	14.1	14.1	15.0	13.0	9.2	10.2
Dominican Republic	6.3	6.3	5.9	5.7	5.5	5.4	5.5	5.4	5.4
Ecuador	9.8	9.6	9.1	9.2	9.5	9.7	10.0	9.8	10.0
Egypt	12.8	12.9	11.3	11.5	11.4	11.3	11.2	10.9	10.7
El Salvador	7.2	6.2	7.0	5.9	5.5	5.7	5.4	5.1	5.1
Equatorial Guinea	5.2	1.7	1.2	1.5	1.9	2.2	2.3	2.4	2.4
Eritrea	14.0	22.6	18.4	17.0	17.5	17.9	17.5	17.6	17.7
Estonia	3.0	2.2	2.8	2.8	2.8	2.1	2.0	1.4	2.0
Eswatini	11.7	11.2	9.2	9.2	9.3	8.4	7.8	8.3	8.0
Ethiopia	52.0	48.7	43.4	37.4	36.1	34.3	33.4	32.4	31.0
Fiji	10.8	9.6	8.6	8.0	7.9	6.9	7.0	7.2	7.3
Finland	2.1	1.8	2.1	2.2	2.3	2.2	2.2	2.1	2.1
France	1.7	1.5	1.6	1.6	1.6	1.4	1.5	1.5	1.5
Gabon	4.2	4.5	4.2	4.1	4.3	4.7	5.3	5.7	6.1
Gambia	32.0	30.4	33.2	22.2	22.2	21.7	19.8	19.5	16.6
Georgia	16.7	14.2	8.6	8.1	7.8	7.4	6.5	7.1	6.6
Germany	0.8	0.7	0.8	0.8	0.7	0.7	0.6	0.5	0.5
Ghana	27.5	27.4	25.3	20.2	20.2	20.1	19.8	19.5	19.2
Greece	4.2	3.6	3.0	3.9	3.9	3.6	4.0	3.9	4.0
Grenada	6.0	2.6	4.2	5.9	7.4	6.4	5.2	5.1	4.8
Guatemala	10.7	10.7	10.0	10.1	10.0	9.9	9.9	9.9	9.7
Guinea	16.5	17.0	17.7	18.1	18.5	17.7	17.4	17.5	17.8
Guinea-Bissau	49.8	54.3	50.3	48.3	46.8	46.4	43.7	42.5	40.6
Guyana	16.2	25.8	24.3	24.8	25.4	21.8	23.7	24.2	22.8
Haiti	22.0	21.5	20.9	18.1	16.9	17.2	17.1	17.0	17.0
Honduras	12.8	11.7	11.3	12.4	12.2	12.3	13.0	12.8	12.4
Hungary	3.9	4.4	3.5	3.9	3.8	4.2	3.7	3.7	3.5
Iceland	7.8	6.5	5.5	5.3	5.3	5.0	4.7	4.5	5.2
India	27.9	23.2	19.3	17.4	16.2	16.0	15.8	15.2	15.1
Indonesia	17.1	15.9	14.4	13.6	13.5	13.3	13.1	13.0	12.8
Iran (Islamic Republic of)	9.6	9.9	8.1	9.9	10.5	9.6	9.6	10.6	11.8
Iraq	9.1	11.7	7.0	7.0	4.2	3.7	3.2	3.6	4.8
Ireland	1.5	1.0	1.0	1.1	0.9	1.0	0.9	0.8	0.9

TABLE 2.

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

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Israel	1.5	1.8	1.5	1.3	1.2	1.2	1.2	1.1	1.1
Italy	2.1	1.9	1.9	2.0	2.1	2.0	1.9	1.9	1.9
Jamaica	6.0	4.8	5.8	6.4	6.3	7.0	6.7	6.9	6.8
Japan	1.7	1.3	1.2	1.2	1.1	1.0	1.0	1.0	1.0
Jordan	3.8	4.4	4.9	4.3	4.4	4.5	4.6	4.6	4.7
Kazakhstan	7.5	6.1	4.9	4.6	4.7	4.9	4.9	4.9	4.6
Kenya	37.5	36.7	32.3	30.3	30.2	29.9	28.9	28.8	28.3
Kiribati	25.2	20.5	22.5	23.8	22.1	24.4	25.3	24.8	26.0
Kuwait	0.3	0.3	0.6	0.6	0.5	0.5	0.6	0.6	0.6
Kyrgyzstan	19.3	18.3	15.9	13.8	14.1	13.9	13.5	13.4	13.1
Lao People's Democratic Republic	31.6	26.1	21.7	18.2	17.6	16.9	16.3	15.5	14.7
Latvia	4.0	3.4	3.6	3.5	3.5	3.3	3.2	3.0	3.3
Lebanon	5.8	4.7	3.4	3.9	3.4	3.5	4.0	3.9	5.3
Lesotho	8.4	6.0	4.8	3.8	3.8	5.5	5.1	4.1	4.0
Liberia	71.6	61.1	65.9	65.1	59.5	46.2	44.5	43.9	45.1
Libya	1.1	1.1	1.0	0.8	0.7	0.7	0.7	0.7	0.7
Lithuania	5.0	3.6	3.3	3.3	3.4	3.2	3.1	2.6	2.8
Luxembourg	0.9	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2
Madagascar	31.6	31.1	29.7	27.0	25.7	25.1	24.5	23.8	24.1
Malawi	39.0	33.0	29.6	29.9	28.7	27.9	28.2	27.3	26.9
Malaysia	11.1	10.3	9.4	8.6	8.3	7.6	7.7	7.3	7.1
Maldives	10.2	13.9	6.9	5.7	5.6	5.3	5.4	5.2	5.1
Mali	31.2	29.4	32.5	36.9	37.2	37.9	36.8	37.1	37.1
Malta	2.0	1.9	1.5	1.1	1.1	1.2	0.8	0.9	0.8
Marshall Islands	10.0	8.6	13.0	14.1	14.3	13.7	13.8	12.0	11.6
Mauritania	29.5	24.2	23.1	19.7	20.6	21.5	20.1	19.8	19.3
Mauritius	4.3	3.5	3.5	3.3	3.2	3.1	3.0	2.9	2.9
Mexico	3.2	3.2	3.3	3.2	3.2	3.2	3.3	3.3	3.3
Micronesia (Federated States of)	22.5	21.3	22.0	25.0	26.2	24.7	23.9	23.8	24.0
Mongolia	20.9	14.9	12.0	12.4	13.4	13.9	13.4	13.1	13.5
Montenegro	8.8	8.9	7.7	8.2	8.1	8.1	7.5	7.4	7.0
Morocco	11.4	12.5	12.9	12.9	12.6	11.1	13.2	12.5	11.5
Mozambique	29.4	28.3	28.0	23.7	22.9	23.0	23.1	23.0	22.8
Myanmar	48.9	42.6	34.1	28.0	26.7	24.9	23.4	22.3	21.7
Namibia	13.5	14.4	9.9	7.4	6.2	6.2	6.7	6.5	6.4
Nauru	5.8	8.2	3.5	1.9	2.4	2.2	2.1	2.2	2.2
Nepal	33.0	33.8	31.1	30.0	29.4	29.3	28.5	27.4	26.9
Netherlands	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
New Zealand	5.9	5.4	4.2	4.5	4.5	4.3	3.9	4.1	4.1
Nicaragua	19.4	19.1	20.1	17.0	16.1	16.1	16.9	17.7	18.9
Niger	30.8	32.9	35.9	33.4	32.6	36.2	36.4	36.4	36.1
Nigeria	17.2	22.2	21.6	20.4	20.6	21.8	22.4	22.4	22.0
North Macedonia	13.0	12.4	11.3	9.9	9.7	9.4	8.2	8.5	8.5
Norway	1.2	1.3	1.6	1.7	1.5	1.4	1.5	1.4	1.5

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

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Oman	1.6	1.7	1.6	1.6	2.0	2.1	2.2	2.8	2.9
Pakistan	29.8	26.0	25.5	24.4	23.8	22.6	21.9	21.5	21.0
Palau	4.4	3.7	4.0	3.3	2.9	3.2	3.6	3.3	3.1
Panama	6.0	6.1	3.7	2.9	2.8	2.7	2.6	2.5	2.6
Papua New Guinea	25.0	24.2	20.6	19.1	17.5	17.0	16.8	17.6	16.9
Paraguay	8.1	8.1	10.2	9.8	9.5	9.3	9.4	9.6	9.4
Peru	9.7	8.7	7.7	7.0	7.0	6.9	6.9	7.3	7.2
Philippines	15.1	14.4	12.6	10.9	10.3	9.5	9.2	8.8	8.4
Poland	3.4	3.5	3.1	2.7	2.4	2.4	2.3	2.0	1.9
Portugal	2.0	1.9	1.8	2.0	2.1	2.0	2.0	1.9	2.0
Qatar	0.3	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2
Republic of Korea	3.0	2.3	2.2	2.1	2.0	1.8	1.8	1.8	1.8
Republic of Moldova	18.6	16.2	11.9	13.2	11.5	13.0	13.5	13.3	12.3
Romania	6.5	6.2	4.2	4.9	4.2	4.2	4.5	4.7	4.4
Russian Federation	4.8	4.1	3.4	3.7	3.9	3.9	3.9	3.8	3.7
Rwanda	34.2	31.0	26.4	24.9	24.0	23.5	23.7	23.1	22.2
Saint Kitts and Nevis	1.0	1.5	1.2	1.1	1.0	0.9	1.2	1.2	1.3
Saint Lucia	4.2	2.3	2.0	2.1	2.2	2.1	2.0	2.0	1.9
Saint Vincent and the Grenadines	8.1	6.3	6.2	6.6	6.2	6.5	6.7	6.8	6.7
Samoa	19.2	12.5	9.4	9.3	8.9	9.2	9.9	8.6	8.6
San Marino	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Sao Tome and Principe	16.2	14.4	13.3	12.0	11.9	11.7	11.4	10.7	10.5
Saudi Arabia	3.3	2.9	2.9	2.7	2.6	2.6	2.6	2.6	2.6
Senegal	18.7	15.7	16.3	13.7	14.3	14.2	14.7	14.9	14.8
Serbia	8.9	7.7	6.6	6.7	6.7	7.0	6.1	6.7	6.3
Seychelles	3.7	3.6	2.3	2.2	2.0	2.0	2.0	2.2	2.1
Sierra Leone	53.2	56.9	60.8	45.1	58.8	57.4	57.8	58.1	58.1
Singapore	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Slovakia	1.2	1.4	1.7	3.2	2.6	2.8	2.5	2.6	2.7
Slovenia	2.4	2.1	1.9	1.9	2.1	2.0	1.8	2.2	2.0
Solomon Islands	28.3	30.4	30.6	27.3	27.4	27.4	26.9	26.9	27.7
Somalia	54.5	53.6	54.1	53.2	52.9	53.0	54.0	54.0	54.1
South Africa	2.5	2.2	2.1	2.2	2.1	1.9	2.2	2.1	2.0
South Sudan			5.0	4.8	4.1	3.9	2.8	2.4	3.2
Spain	3.0	2.3	2.4	2.7	2.7	2.8	2.6	2.7	2.6
Sri Lanka	11.2	9.4	9.0	8.2	8.2	7.5	7.3	7.5	7.4
Sudan			32.9	33.2	32.0	30.2	31.1	31.5	31.4
Suriname	9.6	8.0	8.7	8.4	9.1	9.7	10.7	10.3	10.0
Sweden	1.4	1.5	1.4	1.5	1.4	1.4	1.4	1.3	1.3
Switzerland	0.9	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6
Syrian Arab Republic	22.5	20.9	14.9	18.7	20.7	21.4	21.5	23.4	24.2
Tajikistan	20.7	21.1	21.9	22.5	21.9	21.6	20.7	20.9	20.8
Thailand	12.7	11.1	10.0	9.8	8.9	8.5	8.5	8.5	8.3
Timor-Leste	28.7	29.2	24.6	19.1	17.8	17.0	17.2	17.9	15.4

TABLE 2.

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

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Togo	15.8	15.6	26.1	21.6	21.5	21.8	22.5	22.2	21.8
Tonga	18.7	16.6	15.4	17.4	16.9	15.6	14.7	14.8	15.2
Trinidad and Tobago	3.9	1.9	0.7	0.8	1.1	1.0	1.2	1.0	1.0
Tunisia	11.0	9.9	8.5	9.3	10.3	9.3	9.3	10.1	10.0
Turkey	9.9	8.5	8.1	6.7	6.9	6.5	6.3	6.3	6.4
Turkmenistan	22.9	18.5	11.3	8.3	9.3	8.7	8.8	8.9	8.8
Tuvalu	22.9	22.5	27.1	22.8	20.5	20.0	19.0	17.9	17.0
Uganda	42.7	35.8	26.8	24.1	23.8	23.1	23.1	22.5	22.2
Ukraine	9.8	8.1	8.5	11.4	12.1	12.5	11.9	12.5	12.2
United Arab Emirates	1.9	1.4	0.9	0.8	0.7	0.7	0.8	0.8	0.8
United Kingdom of Great Britain and Northern Ireland	0.7	0.7	0.6	0.7	0.6	0.6	0.6	0.6	0.6
United Republic of Tanzania	36.5	32.6	29.6	26.8	26.6	26.1	25.9	25.5	24.9
United States of America	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Uruguay	7.6	8.7	6.4	6.2	6.1	6.2	5.7	5.9	5.7
Uzbekistan	35.0	36.3	32.5	31.2	30.8	30.8	29.8	28.4	27.5
Vanuatu	25.8	26.2	23.3	25.7	21.6	21.9	21.1	20.7	21.3
Venezuela (Bolivarian Republic of)	7.8	7.9	7.2	6.3	5.7	5.2	5.3	5.4	5.3
Viet Nam	26.8	22.8	19.4	17.7	17.0	16.2	15.6	15.1	14.4
Yemen	11.4	11.0	13.1	15.3	17.9	18.9	19.3	18.9	19.0
Zambia	16.5	11.4	6.5	5.7	5.1	5.1	5.4	4.1	4.3
Zimbabwe	20.0	17.5	9.4	8.9	8.3	7.9	8.3	9.4	8.5

Complete data series are available at <http://www.fao.org/faostat/en/#data/MK>

TABLE 3.
AGRICULTURAL LAND BY USE (THOUSAND HA)

COUNTRY	PERMANENT MEADOWS AND PASTURES				CROPLAND			
	2000	2010	2015	2019	2000	2010	2015	2019
World	3 386 684.4	3 276 928.2	3 187 282.0	3 196 029.7	1 492 847.9	1 518 920.0	1 549 212.0	1 556 059.2
Africa	860 829.2	880 224.7	840 282.5	842 870.2	230 453.0	257 910.1	275 523.7	275 731.1
Americas	783 306.6	773 902.8	765 055.5	759 561.9	369 481.3	366 684.3	366 821.8	368 197.9
Asia	1 116 057.1	1 083 483.5	1 080 603.0	1 077 881.8	561 802.3	575 878.2	584 061.7	590 071.8
Europe	180 244.4	177 423.0	173 810.3	173 792.9	304 305.0	290 221.9	289 141.0	288 794.4
Oceania	446 247.1	361 894.2	327 530.7	341 923.0	26 806.2	28 225.6	33 663.7	33 264.0
Afghanistan	30 000.0	30 000.0	30 000.0	30 000.0	7 753.0	7 911.0	7 910.0	8 010.0
Albania	445.0	505.3	478.2	478.0	699.0	696.0	696.1	696.0
Algeria	31 829.0	32 963.0	32 994.0	32 841.8	8 192.0	8 411.0	8 462.4	8 517.0
Andorra	22.0	19.0	18.0	18.0	1.0	0.8	0.8	0.8
Angola	43 661.4	48 122.0	50 097.3	51 737.5	3 300.0	4 390.0	5 190.0	5 215.0
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	79 400.3	74 681.0	28 640.0	39 003.1	37 688.1	33 700.8
Armenia	835.0	1 231.4	1 172.4	1 172.0	488.0	503.6	504.3	505.0
Australia	431 700.0	350 404.0	316 722.0	331 557.0	23 769.0	25 968.0	31 397.0	30 920.0
Austria	1 470.2	1 350.1	1 306.9	1 258.8	1 470.0	1 429.1	1 411.6	1 392.4
Azerbaijan	2 678.0	2 655.3	2 595.1	2 423.4	2 062.4	2 111.5	2 174.7	2 356.4
Bahamas	2.0	2.0	2.0	2.0	11.0	13.0	12.0	12.0
Bahrain	4.0	4.0	4.0	4.0	5.2	4.6	4.6	4.6
Bangladesh	600.0	600.0	600.0	600.0	8 800.0	8 641.0	8 562.2	8 797.0
Barbados	2.0	2.0	2.0	2.0	16.0	13.0	9.0	8.0
Belarus	2 995.0	3 241.0	2 783.6	2 568.0	6 257.0	5 657.0	5 790.6	5 820.0
Belgium	507.0	500.0	476.0	475.5	882.6	855.7	852.0	881.0
Belize	50.0	50.0	50.0	50.0	99.0	107.0	120.0	122.0
Benin	550.0	550.0	550.0	550.0	2 645.0	3 100.0	3 400.0	3 400.0
Bhutan	405.0	407.0	413.0	413.0	125.0	113.0	112.6	100.0
Bolivia (Plurinational State of)	33 831.0	33 000.0	33 000.0	33 000.0	3 312.0	4 516.0	4 661.0	4 787.0
Bosnia and Herzegovina	1 030.0	1 035.0	1 049.0	1 095.0	1 100.0	1 109.0	1 127.0	1 121.0
Botswana	25 600.0	25 600.0	25 600.0	25 600.0	351.0	261.0	261.6	262.0
Brazil	173 453.5	170 177.2	172 451.2	173 360.8	54 870.0	61 657.0	62 987.0	63 518.0
Brunei Darussalam	4.0	3.4	3.4	3.4	6.0	10.0	10.0	10.0
Bulgaria	1 804.0	1 702.0	1 368.7	1 408.0	3 778.0	3 350.0	3 643.2	3 629.0
Burkina Faso	6 000.0	6 000.0	6 000.0	6 000.0	3 770.0	6 080.0	6 100.0	6 100.0
Burundi	547.0	483.0	483.0	483.0	1 320.0	1 350.0	1 550.0	1 550.0
Cabo Verde	25.0	25.0	25.0	25.0	46.0	53.0	54.0	54.0
Cambodia	930.0	1 500.0	1 500.0	1 500.0	3 840.0	3 955.0	4 066.0	4 066.0
Cameroon	2 000.0	2 000.0	2 000.0	2 000.0	7 160.0	7 700.0	7 750.0	7 750.0
Canada	20 149.0	20 416.0	19 524.0	19 342.0	41 138.0	37 864.0	38 461.0	38 815.0
Central African Republic	3 125.0	3 200.0	3 200.0	3 200.0	2 024.0	1 880.0	1 880.0	1 880.0
Chad	45 000.0	45 000.0	45 000.0	45 000.0	3 630.0	4 235.0	5 237.0	5 238.0
Chile	13 000.0	14 015.0	14 015.0	14 015.0	2 110.0	1 728.0	1 770.0	1 656.0
China	392 834.0	392 831.0	392 834.0	392 834.0	130 897.0	136 085.8	135 799.4	135 675.2
Colombia	40 314.0	39 150.0	41 120.4	39 824.0	4 545.0	3 353.0	3 633.5	9 872.0

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

COUNTRY	PERMANENT MEADOWS AND PASTURES				CROPLAND			
	2000	2010	2015	2019	2000	2010	2015	2019
Comoros	15.0	15.0	15.0	15.0	118.0	118.0	118.0	116.0
Congo	10 000.0	10 000.0	10 000.0	10 000.0	540.0	576.0	627.0	628.0
Costa Rica	1 350.0	1 279.0	1 219.0	1 200.0	490.0	540.0	558.5	575.5
Côte d'Ivoire	13 000.0	13 200.0	13 200.0	13 200.0	6 600.0	7 400.0	8 000.0	8 000.0
Croatia	258.0	345.4	618.0	607.0	911.0	988.4	919.2	897.0
Cuba	2 500.0	2 657.2	2 723.0	2 738.4	4 054.0	3 804.0	3 517.3	3 662.6
Cyprus	1.1	2.0	1.9	1.6	140.4	112.5	124.8	123.6
Czechia	961.0	936.1	958.0	991.8	3 319.0	2 587.8	2 536.0	2 531.8
Democratic People's Republic of Korea	50.0	50.0	50.0	50.0	2 500.0	2 630.0	2 580.0	2 580.0
Democratic Republic of the Congo	18 100.0	18 200.0	18 200.0	18 200.0	7 500.0	7 800.0	14 000.0	13 300.0
Denmark	358.0	200.0	255.0	207.0	2 289.0	2 426.0	2 378.9	2 419.3
Djibouti	1 600.0	1 700.0	1 700.0	1 700.0	1.0	1.6	2.0	2.0
Dominica	2.0	2.0	2.0	2.0	19.0	23.0	23.0	23.0
Dominican Republic	1 197.0	1 197.0	1 197.0	1 197.0	1 318.0	1 200.0	1 232.0	1 232.0
Ecuador	5 087.0	4 919.9	3 238.0	2 901.0	2 979.0	2 577.8	2 551.0	2 429.0
Egypt					3 291.0	3 671.0	3 789.9	3 836.0
El Salvador	498.1	396.1	345.1	314.7	877.1	871.4	877.9	881.0
Equatorial Guinea	104.0	83.0	104.0	104.0	230.0	190.0	180.0	180.0
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	315.0	291.7	855.0	652.1	678.0	696.8
Eswatini	1 032.0	1 032.0	1 032.0	1 032.0	191.0	190.0	190.0	190.0
Ethiopia	20 000.0	20 000.0	20 000.0	20 000.0	10 662.0	15 683.0	17 121.0	17 903.0
Fiji	175.0	175.0	175.0	175.0	253.0	250.0	250.0	250.0
Finland	26.0	33.0	27.8	24.0	2 192.0	2 258.9	2 245.6	2 250.0
France	10 312.3	9 614.5	9 261.9	9 545.8	19 495.1	19 311.8	19 465.0	19 075.4
Gabon	1 572.0	1 622.6	1 682.0	1 717.6	495.0	495.0	495.0	495.0
Gambia	267.0	160.0	160.0	160.0	285.0	455.0	445.0	445.0
Georgia	1 938.0	1 940.0	1 940.4	1 940.0	1 062.0	520.0	477.7	427.8
Germany	5 048.0	4 655.0	4 677.0	4 751.0	12 020.0	12 045.0	12 051.0	11 913.0
Ghana	7 805.4	7 491.1	7 473.6	7 382.7	6 100.0	5 960.1	5 549.5	5 221.0
Greece	4 675.0	3 785.0	2 917.0	2 882.0	3 854.0	3 704.0	3 282.0	3 221.6
Grenada	1.0	1.0	1.0	1.0	11.0	7.0	7.0	7.0
Guatemala	2 500.0	1 796.0	1 811.0	1 811.0	1 965.0	2 166.1	2 045.0	2 045.0
Guinea	10 700.0	10 700.0	10 700.0	10 700.0	2 789.0	3 600.0	3 800.0	3 800.0
Guinea-Bissau	115.1	197.6	239.8	265.1	548.0	550.0	550.0	550.0
Guyana	642.8	717.2	763.6	781.3	478.0	448.0	460.0	460.0
Haiti	490.0	490.0	490.0	490.0	1 200.0	1 380.0	1 350.0	1 350.0
Honduras	1 508.0	1 770.0	1 817.0	1 915.0	1 427.0	1 500.0	1 560.0	1 596.0
Hungary	1 051.0	763.0	761.0	790.0	4 803.0	4 580.0	4 503.0	4 488.0
Iceland	1 760.0	1 751.0	1 751.0	1 751.0	129.0	123.0	121.0	121.0
India	10 845.0	10 339.0	10 262.0	10 261.0	170 130.0	169 234.0	169 413.0	169 317.0
Indonesia	11 177.0	11 000.0	11 000.0	11 000.0	36 000.0	44 600.0	46 300.0	51 300.0

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

COUNTRY	PERMANENT MEADOWS AND PASTURES				CROPLAND			
	2000	2010	2015	2019	2000	2010	2015	2019
Iran (Islamic Republic of)	46 600.0	29 477.0	29 477.0	29 477.0	16 284.0	17 062.4	16 477.0	17 536.0
Iraq	4 000.0	4 000.0	4 000.0	4 000.0	4 300.0	4 220.0	5 250.0	5 250.0
Ireland	3 333.0	4 127.2	3 976.0	4 080.0	1 079.0	440.8	454.0	444.0
Israel	142.0	133.6	140.0	160.0	424.0	370.9	393.9	478.4
Italy	4 353.0	4 698.0	3 897.0	3 791.9	11 284.0	9 629.8	9 048.0	9 329.1
Jamaica	229.0	229.0	229.0	229.0	250.0	215.0	215.0	215.0
Japan	428.0				4 830.0	4 593.0	4 496.0	4 397.0
Jordan	791.0	742.0	742.0	742.0	278.0	260.3	314.3	288.3
Kazakhstan	185 098.0	188 361.7	186 526.6	184 464.0	30 295.3	28 800.1	29 733.1	29 989.2
Kenya	21 300.0	21 300.0	21 300.0	21 300.0	5 371.0	6 020.0	6 330.0	6 330.0
Kiribati					34.0	34.0	34.0	34.0
Kuwait	136.0	136.0	136.0	136.0	12.0	16.0	13.4	14.0
Kyrgyzstan	9 291.0	9 261.5	9 200.6	9 004.4	1 423.0	1 350.4	1 355.6	1 364.0
Lao People's Democratic Republic	805.0	690.0	675.0	675.0	1 001.0	1 530.0	1 819.0	1 719.0
Latvia	606.0	625.0	648.0	632.0	982.0	1 180.0	1 236.5	1 328.0
Lebanon	325.0	400.0	400.0	400.0	270.0	240.0	258.0	258.0
Lesotho	2 000.0	2 000.0	2 000.0	2 000.0	334.0	326.0	223.0	142.0
Liberia	799.4	1 052.0	1 163.3	1 254.0	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	799.0	728.0	2 921.0	2 158.1	2 206.9	2 247.0
Luxembourg	65.0	67.6	66.9	67.9	63.0	63.5	64.4	63.5
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	3 835.0	3 800.0	3 800.0
Malaysia	285.0	285.0	285.0	285.0	6 653.7	7 104.3	8 285.0	8 286.0
Maldives	1.0	1.0	1.0	1.0	8.0	5.9	5.4	5.4
Mali	34 000.0	34 640.0	34 640.0	34 640.0	4 600.0	6 411.0	6 561.0	6 561.0
Malta					9.0	10.3	10.2	10.4
Marshall Islands	3.0	3.0	0.1	0.1	9.0	10.0	8.5	8.5
Mauritania	39 250.0	39 250.0	39 250.0	39 250.0	500.0	461.0	411.0	411.0
Mauritius	7.0	7.0	7.0	7.0	94.0	84.0	79.0	79.0
Mexico	80 952.0	76 223.0	73 937.0	73 977.0	25 378.0	25 584.0	24 743.0	22 129.0
Micronesia (Federated States of)	3.0	3.0	3.0	3.0	19.5	19.0	19.0	19.0
Mongolia	129 294.0	112 971.0	112 331.3	112 039.7	1 176.0	1 239.0	1 333.1	1 333.8
Montenegro		324.0	217.6	243.0		188.0	13.8	15.0
Morocco	21 000.0	21 000.0	21 000.0	21 000.0	9 652.0	8 988.3	9 047.0	8 611.9
Mozambique	33 300.0	33 715.9	34 748.0	35 463.8	4 150.0	5 950.0	5 950.0	5 950.0
Myanmar	314.0	309.0	306.0	298.0	10 498.0	12 217.0	12 443.0	12 500.4
Namibia	38 000.0	38 000.0	38 000.0	38 000.0	820.0	809.0	809.0	810.0
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	2 325.7	2 325.7
Netherlands	1 012.0	813.3	766.0	768.0	944.0	1 059.0	1 080.0	1 048.8
New Zealand	13 863.0	10 838.0	10 167.0	9 725.0	1 550.0	570.0	545.0	620.0

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

COUNTRY	PERMANENT MEADOWS AND PASTURES				CROPLAND			
	2000	2010	2015	2019	2000	2010	2015	2019
Nicaragua	2 990.0	3 200.0	3 275.0	3 275.0	2 151.0	1 826.0	1 790.0	1 790.0
Niger	23 000.0	28 782.0	28 782.0	28 782.0	14 000.0	15 200.0	16 915.0	17 818.0
Nigeria	25 184.0	28 117.0	28 133.6	28 623.5	41 000.0	39 700.0	40 500.0	40 500.0
North Macedonia	636.0	670.0	809.0	805.0	599.0	449.0	453.0	460.0
Norway	158.0	175.8	175.9	178.8	884.0	830.1	810.2	803.0
Oman	1 100.0	1 370.6	1 351.0	1 351.0	73.0	72.6	83.0	110.4
Pakistan	5 000.0	5 000.0	5 000.0	5 000.0	31 698.0	30 242.0	31 202.0	31 300.0
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	750.0	750.0
Papua New Guinea	180.0	190.0	190.0	190.0	825.0	1 000.0	1 000.0	1 000.0
Paraguay	13 628.4	16 099.8	17 000.0	17 000.0	3 110.0	4 060.0	4 953.0	4 824.0
Peru	17 802.0	18 631.0	18 800.0	18 800.0	5 117.0	5 392.0	5 616.0	5 678.3
Philippines	1 500.0	1 500.0	1 500.0	1 500.0	9 734.0	10 600.0	10 940.0	10 940.0
Poland	4 083.0	3 230.0	3 093.0	3 128.0	14 330.0	11 219.0	11 278.0	11 395.0
Portugal	1 417.0	1 792.6	1 816.6	1 875.9	2 539.4	1 861.6	1 822.2	1 698.1
Qatar	50.0	50.0	50.0	50.0	16.0	16.5	17.8	17.0
Republic of Korea	55.0	58.0	57.0	56.0	1 918.0	1 715.0	1 679.0	1 581.0
Republic of Moldova	382.0	353.0	347.0	339.9	2 162.0	2 112.0	1 971.0	1 921.7
Romania	4 949.0	4 547.0	4 655.0	4 448.0	9 908.0	9 609.0	9 203.0	9 378.0
Russian Federation	90 924.0	92 052.0	92 052.0	92 052.0	126 238.0	123 442.0	123 442.0	123 442.0
Rwanda	520.0	430.0	410.0	410.0	1 150.0	1 373.9	1 401.7	1 401.7
Saint Kitts and Nevis	2.0	1.1	0.9	0.9	7.5	4.6	5.1	5.1
Saint Lucia	1.3	0.6	0.6	0.6	12.9	10.0	10.0	10.0
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	12.1	12.1	45.0	35.5	63.5	63.6
San Marino					1.0	1.0	2.3	2.3
Sao Tome and Principe	1.0	1.0	1.0	1.0	48.0	45.0	43.0	43.0
Saudi Arabia	170 000.0	170 000.0	170 000.0	170 000.0	3 785.0	3 406.0	3 637.0	3 598.0
Senegal	5 650.0	5 600.0	5 600.0	5 600.0	3 377.0	3 858.0	3 273.0	3 278.0
Serbia		677.2	690.0	675.0		2 844.4	2 791.0	2 785.0
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	520.6	518.0	1 575.0	1 417.4	1 368.0	1 367.0
Slovenia	314.0	387.6	379.2	377.8	204.0	236.3	237.3	234.5
Solomon Islands	7.0	8.0	8.0	8.0	69.0	99.0	105.0	109.0
Somalia	43 000.0	43 000.0	43 000.0	43 000.0	1 067.0	1 128.0	1 125.0	1 125.0
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			25 773.2	25 773.2			2 618.9	2 477.7
Spain	11 462.0	10 324.0	9 388.6	9 446.9	18 304.0	17 221.0	17 187.9	16 759.8
Sri Lanka	440.0	440.0	440.0	440.0	1 910.0	2 180.0	2 300.0	2 371.6
Sudan			48 195.0	48 195.0			19 991.2	19 991.2

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

COUNTRY	PERMANENT MEADOWS AND PASTURES				CROPLAND			
	2000	2010	2015	2019	2000	2010	2015	2019
Suriname	21.0	17.3	16.0	16.0	67.0	61.0	71.0	68.0
Sweden	371.9	451.9	449.8	461.3	2 602.2	2 621.5	2 578.5	2 543.5
Switzerland	1 133.3	1 106.1	1 095.7	1 083.3	432.7	428.5	423.2	423.8
Syrian Arab Republic	8 359.0	8 212.0	8 188.0	8 188.0	5 352.0	5 696.0	5 733.0	5 733.0
Tajikistan	3 687.0	3 875.0	3 875.0	3 875.0	886.0	880.7	863.3	852.7
Thailand	800.0	800.0	800.0	800.0	19 034.0	20 260.0	21 310.0	21 310.0
Timor-Leste	150.0	150.0	150.0	150.0	187.0	222.0	230.0	230.0
Togo	1 000.0	1 000.0	1 000.0	1 000.0	2 630.0	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	4 917.0	4 750.0	4 990.0	5 186.0	4 917.0	4 993.0
Turkey	14 100.0	14 617.0	14 617.0	14 617.0	26 379.0	24 395.0	23 934.0	23 099.0
Turkmenistan	33 500.0	32 000.0	31 838.0	31 838.0	2 000.0	2 000.0	2 000.0	2 000.0
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	7 841.0	7 534.0	33 496.0	33 374.0	33 667.0	33 777.0
United Arab Emirates	300.0	300.0	300.0	300.0	247.0	92.3	82.8	90.4
United Kingdom of Great Britain and Northern Ireland	11 036.0	11 208.0	11 078.0	11 389.8	5 928.0	6 016.0	6 060.0	6 131.5
United Republic of Tanzania	24 000.0	24 000.0	24 000.0	24 000.0	10 000.0	13 450.0	15 650.0	15 650.0
United States of America	236 331.0	246 575.2	245 373.6	245 373.6	178 068.0	160 416.5	159 345.1	160 436.8
Uruguay	13 543.0	12 362.0	12 000.0	12 000.0	1 415.0	2 071.0	2 293.6	2 047.0
Uzbekistan	22 500.0	21 067.0	21 126.0	21 118.0	4 828.0	4 531.0	4 422.0	4 437.3
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	11 505.8	11 746.0
Yemen	22 000.0	22 000.0	22 000.0	22 000.0	1 669.0	1 579.0	1 432.6	1 452.0
Zambia	19 650.0	20 000.0	20 000.0	20 000.0	2 848.0	3 436.0	3 836.0	3 836.0
Zimbabwe	11 360.0	12 100.0	12 100.0	12 100.0	3 700.0	4 100.0	4 100.0	4 100.0

Complete series are available at <http://www.fao.org/faostat/en/#data/RL>

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

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
World	0.24	0.23	0.22	0.21	0.21	0.21	0.21	0.20	0.20
Africa	0.28	0.27	0.25	0.24	0.23	0.23	0.22	0.22	0.21
Americas	0.44	0.42	0.39	0.38	0.37	0.37	0.37	0.37	0.36
Asia	0.15	0.14	0.14	0.13	0.13	0.13	0.13	0.13	0.13
Europe	0.42	0.40	0.39	0.39	0.39	0.39	0.39	0.39	0.39
Oceania	0.85	0.85	0.77	0.88	0.84	0.81	0.81	0.81	0.79
Afghanistan	0.37	0.31	0.27	0.24	0.23	0.22	0.22	0.22	0.21
Albania	0.22	0.21	0.24	0.24	0.24	0.24	0.24	0.24	0.24
Algeria	0.26	0.25	0.23	0.22	0.21	0.21	0.20	0.20	0.20
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	0.19	0.18	0.17	0.17	0.16
Antigua and Barbuda	0.07	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05
Argentina	0.78	0.89	0.95	0.92	0.87	0.84	0.80	0.76	0.75
Armenia	0.16	0.17	0.18	0.17	0.17	0.17	0.17	0.17	0.17
Australia	1.25	1.33	1.17	1.37	1.31	1.25	1.26	1.26	1.23
Austria	0.18	0.18	0.17	0.16	0.16	0.16	0.16	0.16	0.16
Azerbaijan	0.25	0.24	0.23	0.23	0.23	0.23	0.24	0.24	0.23
Bahamas	0.04	0.03	0.04	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	0.06	0.05	0.05	0.05	0.05	0.05
Barbados	0.06	0.05	0.05	0.04	0.03	0.03	0.03	0.03	0.03
Belarus	0.63	0.59	0.60	0.61	0.61	0.61	0.62	0.62	0.62
Belgium	0.09	0.08	0.08	0.07	0.08	0.08	0.08	0.08	0.08
Belize	0.40	0.36	0.33	0.31	0.33	0.33	0.32	0.32	0.31
Benin	0.39	0.37	0.34	0.33	0.32	0.31	0.30	0.30	0.29
Bhutan	0.21	0.29	0.16	0.16	0.15	0.14	0.13	0.13	0.13
Bolivia (Plurinational State of)	0.39	0.43	0.45	0.44	0.43	0.42	0.40	0.42	0.42
Bosnia and Herzegovina	0.29	0.30	0.30	0.32	0.33	0.33	0.35	0.34	0.34
Botswana	0.21	0.13	0.13	0.19	0.12	0.12	0.12	0.12	0.11
Brazil	0.31	0.32	0.32	0.31	0.31	0.31	0.31	0.30	0.30
Brunei Darussalam	0.02	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.02
Bulgaria	0.47	0.44	0.45	0.50	0.51	0.51	0.51	0.51	0.52
Burkina Faso	0.32	0.37	0.39	0.35	0.34	0.33	0.32	0.31	0.30
Burundi	0.21	0.18	0.16	0.16	0.15	0.15	0.14	0.14	0.13
Cabo Verde	0.11	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.10
Cambodia	0.32	0.29	0.28	0.26	0.26	0.26	0.25	0.25	0.25
Cameroon	0.46	0.41	0.38	0.34	0.33	0.32	0.32	0.31	0.30
Canada	1.34	1.24	1.11	1.07	1.07	1.06	1.05	1.05	1.04
Central African Republic	0.56	0.50	0.43	0.42	0.42	0.41	0.41	0.40	0.40
Chad	0.43	0.39	0.35	0.38	0.37	0.36	0.35	0.34	0.33
Chile	0.14	0.12	0.10	0.10	0.10	0.09	0.09	0.09	0.09
China	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.09
Colombia	0.11	0.08	0.07	0.08	0.08	0.08	0.20	0.20	0.20
Comoros	0.22	0.19	0.17	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	2014	2015	2016	2017	2018	2019
Congo	0.17	0.15	0.13	0.13	0.13	0.13	0.12	0.12	0.12
Costa Rica	0.12	0.11	0.12	0.11	0.12	0.12	0.12	0.12	0.11
Côte d'Ivoire	0.40	0.38	0.36	0.35	0.34	0.34	0.33	0.32	0.31
Croatia	0.21	0.22	0.23	0.21	0.22	0.22	0.21	0.21	0.22
Cuba	0.36	0.36	0.34	0.31	0.31	0.31	0.31	0.31	0.32
Cyprus	0.15	0.16	0.10	0.09	0.11	0.09	0.10	0.11	0.10
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	0.11	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.10
Democratic Republic of the Congo	0.16	0.14	0.12	0.19	0.18	0.18	0.16	0.16	0.15
Denmark	0.43	0.43	0.44	0.43	0.42	0.42	0.42	0.42	0.42
Djibouti	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dominica	0.27	0.28	0.32	0.32	0.32	0.32	0.32	0.32	0.32
Dominican Republic	0.16	0.13	0.12	0.11	0.12	0.12	0.12	0.12	0.11
Ecuador	0.23	0.18	0.17	0.15	0.16	0.15	0.15	0.14	0.14
Egypt	0.05	0.05	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	0.38	0.29	0.20	0.16	0.15	0.15	0.14	0.14	0.13
Eritrea	0.25	0.22	0.22	0.21	0.21	0.20	0.20	0.20	0.20
Estonia	0.61	0.44	0.49	0.50	0.52	0.53	0.52	0.52	0.53
Eswatini	0.19	0.19	0.18	0.17	0.17	0.17	0.17	0.17	0.17
Ethiopia	0.16	0.18	0.18	0.17	0.17	0.17	0.16	0.16	0.16
Fiji	0.31	0.31	0.29	0.29	0.29	0.29	0.28	0.28	0.28
Finland	0.42	0.43	0.42	0.41	0.41	0.41	0.41	0.41	0.41
France	0.33	0.32	0.31	0.30	0.30	0.30	0.30	0.29	0.29
Gabon	0.40	0.36	0.30	0.26	0.25	0.25	0.24	0.23	0.23
Gambia	0.22	0.21	0.25	0.22	0.21	0.21	0.20	0.20	0.19
Georgia	0.24	0.14	0.13	0.12	0.12	0.11	0.11	0.11	0.11
Germany	0.15	0.15	0.15	0.15	0.15	0.15	0.14	0.14	0.14
Ghana	0.32	0.29	0.24	0.21	0.20	0.19	0.18	0.18	0.17
Greece	0.35	0.34	0.34	0.31	0.31	0.31	0.30	0.31	0.31
Grenada	0.11	0.06	0.07	0.06	0.06	0.06	0.06	0.06	0.06
Guatemala	0.17	0.17	0.15	0.13	0.13	0.12	0.12	0.12	0.12
Guinea	0.34	0.38	0.35	0.34	0.33	0.32	0.31	0.31	0.30
Guinea-Bissau	0.46	0.39	0.36	0.32	0.32	0.31	0.30	0.29	0.29
Guyana	0.64	0.60	0.60	0.59	0.60	0.61	0.61	0.60	0.59
Haiti	0.14	0.13	0.14	0.13	0.13	0.12	0.12	0.12	0.12
Honduras	0.22	0.19	0.18	0.17	0.17	0.17	0.17	0.17	0.16
Hungary	0.47	0.48	0.46	0.46	0.46	0.46	0.46	0.46	0.46
Iceland	0.46	0.44	0.38	0.37	0.37	0.36	0.36	0.36	0.36
India	0.16	0.15	0.14	0.13	0.13	0.13	0.13	0.13	0.12
Indonesia	0.17	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.19
Iran (Islamic Republic of)	0.25	0.26	0.23	0.21	0.21	0.21	0.21	0.21	0.21
Iraq	0.18	0.20	0.14	0.15	0.15	0.14	0.14	0.14	0.13
Ireland	0.29	0.29	0.10	0.10	0.10	0.10	0.10	0.09	0.09

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

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Israel	0.07	0.06	0.05	0.05	0.05	0.05	0.06	0.06	0.06
Italy	0.20	0.18	0.16	0.15	0.15	0.15	0.15	0.15	0.15
Jamaica	0.09	0.09	0.08	0.07	0.07	0.07	0.07	0.07	0.07
Japan	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03
Jordan	0.05	0.05	0.04	0.04	0.03	0.03	0.03	0.03	0.03
Kazakhstan	2.03	1.86	1.77	1.71	1.69	1.67	1.65	1.63	1.62
Kenya	0.17	0.16	0.14	0.14	0.13	0.13	0.13	0.12	0.12
Kiribati	0.40	0.37	0.33	0.31	0.31	0.30	0.30	0.29	0.29
Kuwait	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Kyrgyzstan	0.29	0.27	0.25	0.23	0.23	0.22	0.22	0.22	0.21
Lao People's Democratic Republic	0.19	0.21	0.24	0.27	0.27	0.27	0.25	0.24	0.24
Latvia	0.41	0.49	0.56	0.60	0.62	0.66	0.67	0.68	0.70
Lebanon	0.07	0.06	0.05	0.04	0.04	0.04	0.04	0.04	0.04
Lesotho	0.16	0.16	0.16	0.14	0.11	0.17	0.20	0.21	0.07
Liberia	0.21	0.19	0.17	0.16	0.16	0.15	0.15	0.15	0.14
Libya	0.40	0.36	0.33	0.32	0.32	0.32	0.31	0.31	0.30
Lithuania	0.83	0.58	0.69	0.80	0.75	0.75	0.75	0.77	0.81
Luxembourg	0.14	0.14	0.12	0.12	0.11	0.11	0.11	0.11	0.10
Madagascar	0.22	0.20	0.17	0.15	0.15	0.14	0.14	0.14	0.13
Malawi	0.26	0.26	0.26	0.23	0.23	0.22	0.22	0.21	0.20
Malaysia	0.29	0.27	0.25	0.26	0.27	0.27	0.27	0.26	0.26
Maldives	0.03	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01
Mali	0.42	0.45	0.43	0.39	0.38	0.37	0.35	0.34	0.33
Malta	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Marshall Islands	0.18	0.18	0.18	0.15	0.15	0.15	0.15	0.15	0.14
Mauritania	0.19	0.14	0.13	0.10	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	0.22	0.21	0.20	0.20	0.18	0.18	0.17
Micronesia (Federated States of)	0.18	0.18	0.18	0.18	0.17	0.17	0.17	0.17	0.17
Mongolia	0.49	0.47	0.46	0.45	0.44	0.43	0.43	0.42	0.41
Montenegro			0.30	0.02	0.02	0.02	0.02	0.02	0.02
Morocco	0.34	0.30	0.28	0.27	0.26	0.28	0.28	0.26	0.24
Mozambique	0.23	0.26	0.25	0.23	0.22	0.21	0.21	0.20	0.20
Myanmar	0.22	0.22	0.24	0.24	0.24	0.23	0.24	0.23	0.23
Namibia	0.46	0.42	0.38	0.36	0.35	0.34	0.34	0.33	0.32
Nauru	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Nepal	0.10	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08
Netherlands	0.06	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06
New Zealand	0.40	0.12	0.13	0.14	0.12	0.13	0.12	0.12	0.13
Nicaragua	0.42	0.42	0.31	0.29	0.29	0.28	0.28	0.28	0.27
Niger	1.24	1.04	0.92	0.88	0.85	0.85	0.82	0.79	0.76
Nigeria	0.34	0.31	0.25	0.23	0.22	0.22	0.21	0.21	0.20
North Macedonia	0.29	0.24	0.22	0.22	0.22	0.22	0.22	0.22	0.22
Norway	0.20	0.19	0.17	0.16	0.16	0.15	0.15	0.15	0.15

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

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Oman	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Pakistan	0.22	0.19	0.17	0.16	0.16	0.16	0.15	0.15	0.14
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	0.19	0.19	0.19	0.18	0.18	0.18
Papua New Guinea	0.14	0.13	0.14	0.13	0.12	0.12	0.12	0.12	0.11
Paraguay	0.58	0.61	0.65	0.72	0.74	0.70	0.69	0.69	0.68
Peru	0.19	0.19	0.19	0.19	0.18	0.18	0.18	0.18	0.17
Philippines	0.12	0.11	0.11	0.11	0.11	0.11	0.10	0.10	0.10
Poland	0.37	0.33	0.29	0.30	0.30	0.29	0.30	0.30	0.30
Portugal	0.25	0.20	0.18	0.18	0.18	0.17	0.17	0.17	0.17
Qatar	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Republic of Korea	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Republic of Moldova	0.51	0.51	0.52	0.48	0.48	0.49	0.49	0.47	0.48
Romania	0.45	0.44	0.47	0.46	0.46	0.45	0.46	0.47	0.48
Russian Federation	0.86	0.86	0.86	0.85	0.85	0.85	0.85	0.85	0.85
Rwanda	0.14	0.15	0.14	0.13	0.12	0.12	0.12	0.11	0.11
Saint Kitts and Nevis	0.17	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10
Saint Lucia	0.08	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05
Saint Vincent and the Grenadines	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Samoa	0.26	0.21	0.19	0.30	0.33	0.33	0.33	0.32	0.32
San Marino	0.04	0.03	0.03	0.03	0.07	0.07	0.07	0.07	0.07
Sao Tome and Principe	0.34	0.30	0.25	0.22	0.22	0.21	0.21	0.20	0.20
Saudi Arabia	0.18	0.16	0.12	0.12	0.11	0.11	0.11	0.11	0.10
Senegal	0.34	0.29	0.30	0.23	0.22	0.22	0.21	0.21	0.20
Serbia			0.32	0.31	0.31	0.32	0.32	0.32	0.32
Seychelles	0.05	0.05	0.03	0.02	0.02	0.02	0.02	0.02	0.02
Sierra Leone	0.13	0.29	0.27	0.25	0.24	0.24	0.23	0.23	0.22
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	0.25	0.25
Slovenia	0.10	0.10	0.12	0.11	0.11	0.11	0.11	0.11	0.11
Solomon Islands	0.17	0.17	0.19	0.18	0.17	0.17	0.17	0.17	0.16
Somalia	0.12	0.13	0.09	0.08	0.08	0.08	0.08	0.07	0.07
South Africa	0.32	0.28	0.25	0.23	0.22	0.22	0.22	0.21	0.21
South Sudan				0.25	0.24	0.24	0.23	0.23	0.22
Spain	0.45	0.41	0.37	0.37	0.37	0.37	0.36	0.36	0.36
Sri Lanka	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
Sudan				0.53	0.51	0.50	0.49	0.48	0.47
Suriname	0.14	0.11	0.12	0.13	0.13	0.13	0.12	0.12	0.12
Sweden	0.29	0.30	0.28	0.27	0.26	0.26	0.26	0.26	0.25
Switzerland	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Syrian Arab Republic	0.33	0.30	0.27	0.31	0.32	0.33	0.34	0.34	0.34
Tajikistan	0.14	0.13	0.12	0.11	0.10	0.10	0.10	0.09	0.09
Thailand	0.30	0.29	0.30	0.31	0.31	0.31	0.31	0.31	0.31
Timor-Leste	0.21	0.24	0.20	0.20	0.19	0.19	0.18	0.18	0.18

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

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Togo	0.53	0.40	0.42	0.40	0.39	0.38	0.37	0.36	0.35
Tonga	0.27	0.26	0.27	0.30	0.31	0.31	0.30	0.30	0.30
Trinidad and Tobago	0.05	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03
Tunisia	0.51	0.48	0.49	0.44	0.44	0.44	0.44	0.43	0.43
Turkey	0.42	0.39	0.34	0.31	0.30	0.30	0.29	0.28	0.28
Turkmenistan	0.44	0.44	0.39	0.37	0.36	0.35	0.35	0.34	0.34
Tuvalu	0.21	0.17	0.17	0.16	0.16	0.16	0.16	0.16	0.15
Uganda	0.31	0.29	0.28	0.25	0.24	0.23	0.22	0.21	0.21
Ukraine	0.69	0.71	0.73	0.75	0.75	0.75	0.76	0.76	0.77
United Arab Emirates	0.08	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	0.09	0.10	0.09	0.09	0.09	0.09	0.09
United Republic of Tanzania	0.30	0.30	0.30	0.31	0.30	0.30	0.29	0.28	0.27
United States of America	0.63	0.57	0.52	0.50	0.50	0.49	0.49	0.49	0.49
Uruguay	0.43	0.43	0.62	0.67	0.67	0.61	0.59	0.58	0.59
Uzbekistan	0.19	0.18	0.16	0.15	0.14	0.14	0.14	0.14	0.13
Vanuatu	0.72	0.67	0.61	0.55	0.53	0.52	0.51	0.50	0.48
Venezuela (Bolivarian Republic of)	0.14	0.13	0.12	0.11	0.11	0.11	0.11	0.11	0.12
Viet Nam	0.10	0.11	0.12	0.11	0.12	0.12	0.12	0.12	0.12
Yemen	0.10	0.08	0.07	0.06	0.05	0.05	0.05	0.05	0.05
Zambia	0.27	0.23	0.25	0.25	0.24	0.23	0.23	0.22	0.21
Zimbabwe	0.31	0.33	0.32	0.30	0.30	0.29	0.29	0.28	0.28

Based on data available at <http://www.fao.org/faostat/en/#data/RL> and <http://www.fao.org/faostat/en/#data/OA>

TABLE 5.
AREA EQUIPPED FOR IRRIGATION (THOUSAND HA)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
World	289 332	309 984	321 895	333 822	336 090	338 118	339 834	340 819	341 585
Africa	13 189	14 169	15 123	16 027	16 227	16 241	16 392	16 413	16 443
Americas	47 617	49 459	51 711	53 988	54 458	54 924	55 352	55 664	55 976
Asia	199 132	216 882	226 536	234 497	236 114	237 546	238 578	239 220	239 602
Europe	26 712	26 381	25 284	26 017	25 994	26 103	26 203	26 214	26 268
Oceania	2 682	3 093	3 241	3 293	3 298	3 303	3 308	3 308	3 296
Afghanistan	3 203	3 208	3 208	3 208	3 208	3 208	3 208	3 208	3 208
Albania	340	362	331	354	353	354	354	356	357
Algeria	601	825	1 101	1 360	1 360	1 360	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	226	221	217	213	208	208
Australia	2 384	2 545	2 546	2 546	2 546	2 546	2 546	2 546	2 546
Austria	94	120	117	113	106	100	100	100	100
Azerbaijan	1 430	1 433	1 425	1 439	1 435	1 439	1 446	1 449	1 450
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	5 500	5 500	5 550	5 560	5 590
Barbados	5	5	5	5	5	5	5	5	5
Belarus	125	115	57	30	30	30	30	30	30
Belgium	33	22	21	21	22	24	24	24	24
Belize	3	4	4	4	4	4	4	4	4
Benin	11	18	23	24	24	24	24	24	24
Bhutan	27	27	32	33	33	33	33	33	33
Bolivia (Plurinational State of)	226	256	289	297	297	297	297	297	297
Bosnia and Herzegovina	3	3	3	3	3	3	3	3	3
Botswana	1	2	3	3	3	4	4	4	4
Brazil	3 691	4 403	5 400	6 644	6 955	7 266	7 577	7 889	8 200
Brunei Darussalam	1	1	1	1	1	1	1	1	1
Bulgaria	622	112	138	122	129	136	136	136	136
Burkina Faso	25	37	50	54	54	54	54	55	55
Burundi	21	23	23	23	23	23	23	23	23
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	1	1	1	1	1	1	1	1	1
Chad	26	30	30	30	30	30	30	30	30
Chile	1 100	1 100	1 110	1 110	1 110	1 110	1 110	1 110	1 110
China	54 201	62 276	66 736	71 033	72 440	73 553	74 322	74 945	75 238
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	2014	2015	2016	2017	2018	2019
Congo	2	2	2	2	2	2	2	2	2
Costa Rica	103	103	102	125	137	148	160	160	160
Côte d'Ivoire	73	73	73	73	73	73	73	73	73
Croatia	3	12	23	27	28	29	30	30	30
Cuba	807	702	646	639	639	639	639	639	639
Cyprus	41	46	40	39	39	38	38	38	38
Czechia	35	47	32	34	34	46	46	46	46
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	329	218	218	304	299	354
Djibouti	1	1	1	1	1	1	1	1	1
Dominica			0	0	0	0	0	0	0
Dominican Republic	275	290	307	307	307	307	307	307	307
Ecuador	853	1 055	1 500	1 640	1 675	1 710	1 710	1 710	1 710
Egypt	3 291	3 516	3 664	3 708	3 782	3 726	3 823	3 823	3 823
El Salvador	45	45	45	45	45	45	45	45	45
Equatorial Guinea						1	1	1	1
Eritrea	21	21	21	21	21	21	21	21	21
Estonia	2	1	1	1	2	3	3	3	3
Eswatini	50	50	50	50	50	50	50	50	50
Ethiopia	290	445	640	800	858	858	858	858	858
Fiji	3	4	4	4	4	4	4	4	4
Finland	88	80	69	86	70	55	55	55	55
France	2 634	2 678	2 727	2 771	2 731	2 691	2 691	2 691	2 691
Gabon	4	4	4	4	4	4	4	4	4
Gambia	2	2	5	5	5	5	5	5	5
Georgia	457	433	433	433	433	433	433	430	427
Germany	485	510	652	686	680	676	676	676	676
Ghana	31	33	34	36	36	36	36	36	36
Greece	1 321	1 594	1 385	1 530	1 530	1 530	1 530	1 530	1 530
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	25	25	25	25	25	25	25	25	25
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	185	207	230	230	230	230
Iceland								0	0
India	60 432	64 646	67 700	69 912	70 074	70 237	70 400	70 400	70 400
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	2014	2015	2016	2017	2018	2019
Israel	206	225	225	265	285	306	306	306	306
Italy	3 856	3 973	3 735	4 044	4 084	4 124	4 124	4 124	4 124
Jamaica	26	28	31	31	31	31	31	31	31
Japan	2 641	2 556	2 496	2 458	2 446	2 432	2 418	2 405	2 405
Jordan	77	80	96	105	105	107	107	107	107
Kazakhstan	2 877	2 362	2 185	2 205	2 205	2 205	2 205	2 205	2 205
Kenya	85	115	151	151	151	151	151	151	151
Kiribati									
Kuwait	7	8	14	18	18	18	18	18	18
Kyrgyzstan	1 050	1 021	1 021	1 023	1 023	1 023	1 023	1 023	1 023
Lao People's Democratic Republic	296	300	340	395	410	425	439	439	439
Latvia	1	1	1	1	1	1	1	1	1
Lebanon	104	111	108	100	97	94	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	4	4	4	4	4
Luxembourg									
Madagascar	1 086	1 086	1 086	1 086	1 086	1 086	1 086	1 086	1 086
Malawi	55	73	86	91	91	91	91	91	91
Malaysia	369	375	396	443	442	442	442	442	442
Maldives									
Mali	236	291	350	380	380	380	380	380	380
Malta	2	3	4	4	4	4	4	4	4
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	6 624	6 687	6 749	6 811	6 811	6 811
Micronesia (Federated States of)									
Mongolia	88	91	94	92	90	88	87	87	87
Montenegro			2	2	2	2	2	2	2
Morocco	1 443	1 490	1 515	1 717	1 783	1 849	1 896	1 916	1 946
Mozambique	115	118	118	118	118	118	118	118	118
Myanmar	1 868	2 136	2 329	2 295	2 295	2 295	2 295	2 295	2 295
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	498	408	486	505	515	522	522	522	522
New Zealand	285	533	680	732	737	742	747	747	735
Nicaragua	86	140	194	199	199	199	199	199	199
Niger	73	80	93	100	101	101	102	102	102
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	87	84	84	84	84	84

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

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Oman	60	60	65	69	83	85	101	101	101
Pakistan	18 090	18 980	19 680	19 990	19 990	19 990	19 990	19 990	19 990
Palau									
Panama	35	34	32	32	32	32	32	32	32
Papua New Guinea									
Paraguay	67	70	90	140	140	140	140	140	140
Peru	2 012	2 250	2 485	2 600	2 600	2 600	2 600	2 600	2 600
Philippines	1 361	1 413	1 543	1 708	1 731	1 856	1 888	1 921	1 972
Poland	89	124	85	140	205	271	271	271	271
Portugal	792	617	544	550	549	548	548	548	548
Qatar	13	13	16	20	21	21	22	22	24
Republic of Korea	880	867	788	753	734	728	707	707	707
Republic of Moldova	302	228	228	228	228	228	228	223	222
Romania	3 082	3 176	3 154	3 149	3 149	3 149	3 149	3 149	3 152
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	0	0	0	0	0	0
Samoa									
San Marino									
Sao Tome and Principe	10	10	10	10	10	10	10	10	10
Saudi Arabia	1 616	1 620	1 620	1 620	1 620	1 620	1 620	1 620	1 620
Senegal	106	120	120	120	120	120	120	120	120
Serbia			88	78	77	75	70	68	63
Seychelles		0	0	0	0	0	0	0	0
Sierra Leone	30	30	30	30	30	30	30	30	30
Singapore									
Slovakia	183	189	109	66	62	64	63	66	66
Slovenia	3	5	8	5	6	6	6	6	7
Solomon Islands									
Somalia	200	200	200	200	200	200	200	200	200
South Africa	1 498	1 518	1 538	1 670	1 670	1 670	1 670	1 670	1 670
South Sudan				29	26	23	19	19	19
Spain	3 735	3 858	3 660	3 923	3 923	3 923	3 923	3 923	3 923
Sri Lanka	570	570	570	630	630	633	637	637	637
Sudan				1 855	1 855	1 855	1 855	1 855	1 855
Suriname	52	52	57	66	70	71	68	68	68
Sweden	137	167	164	156	156	157	157	157	157
Switzerland	38	50	61	55	54	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	818	822	822	822
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	2014	2015	2016	2017	2018	2019
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	479	481	484	487	487	487
Turkey	4 745	5 215	5 215	5 215	5 215	5 215	5 215	5 215	5 215
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	2 166	2 166	2 166	2 166	2 166
United Arab Emirates	210	227	92	83	83	84	84	82	90
United Kingdom of Great Britain and Northern Ireland	243	228	95	134	152	170	189	208	208
United Republic of Tanzania	160	250	335	364	364	364	364	364	364
United States of America	27 000	26 762	26 415	26 791	26 833	26 874	26 916	26 916	26 916
Uruguay	188	218	230	250	254	258	263	263	263
Uzbekistan	4 200	4 198	4 255	4 301	4 312	4 313	4 312	4 307	4 307
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	4 585	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	169	179	182	184	187	187	187

Complete series are available at <http://www.fao.org/faostat/en/#data/RL>

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

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
World	5.9	6.4	6.7	7.0	7.1	7.1	7.1	7.2	7.2
Africa	1.2	1.3	1.3	1.4	1.5	1.5	1.5	1.5	1.5
Americas	4.1	4.3	4.5	4.8	4.8	4.9	4.9	4.9	5.0
Asia	11.9	13.1	13.6	14.1	14.2	14.2	14.3	14.3	14.4
Europe	5.5	5.6	5.4	5.6	5.6	5.7	5.7	5.7	5.7
Oceania	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Afghanistan	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.4	8.4
Albania	29.7	33.6	27.6	30.1	30.1	29.9	30.3	30.3	30.4
Algeria	1.5	2.0	2.7	3.3	3.3	3.3	3.3	3.3	3.3
Andorra		0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Angola	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Antigua and Barbuda	1.9	2.8	3.6	4.2	4.2	4.2	4.2	4.2	4.2
Argentina	1.2	1.4	1.8	2.0	2.0	2.1	2.1	2.2	2.2
Armenia	20.7	16.4	14.0	13.4	13.2	12.9	12.7	12.4	12.4
Australia	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Austria	3.2	4.2	4.2	4.2	3.9	3.7	3.8	3.8	3.8
Azerbaijan	30.2	30.1	29.9	30.2	30.1	30.1	30.3	30.3	30.3
Bahamas	7.7	7.7	6.7	7.1	7.1	7.1	7.1	7.1	7.1
Bahrain	43.5	46.0	46.5	46.5	46.5	46.5	46.5	46.5	46.5
Bangladesh	44.5	52.4	56.1	60.5	60.0	59.8	60.4	60.4	59.5
Barbados	27.8	33.8	36.0	45.0	49.1	54.0	54.0	54.0	54.0
Belarus	1.4	1.3	0.6	0.4	0.4	0.4	0.4	0.4	0.4
Belgium	2.4	1.6	1.5	1.6	1.7	1.8	1.8	1.8	1.8
Belize	2.0	2.3	2.2	2.2	2.1	2.1	2.0	2.0	2.0
Benin	0.3	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Bhutan	5.1	4.6	6.1	6.3	6.3	6.4	6.4	6.4	6.4
Bolivia (Plurinational State of)	0.6	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Bosnia and Herzegovina	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Botswana	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Brazil	1.6	1.9	2.3	2.8	3.0	3.1	3.2	3.3	3.5
Brunei Darussalam	10.0	9.1	7.5	7.5	7.5	7.5	7.5	7.5	7.5
Bulgaria	11.1	2.1	2.7	2.5	2.6	2.7	2.7	2.7	2.7
Burkina Faso	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5
Burundi	1.1	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1
Cabo Verde	4.2	4.7	4.5	4.6	4.6	4.6	4.6	4.6	4.6
Cambodia	5.7	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9
Cameroon	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Canada	1.9	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1
Central African Republic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chad	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Chile	7.3	6.9	7.1	7.0	7.0	7.1	7.0	7.1	7.1
China	10.4	11.8	12.6	13.4	13.7	13.9	14.1	14.2	14.2
Colombia	2.0	2.3	2.5	2.4	2.4	2.4	2.2	2.2	2.2
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 AGRICULTURAL LAND (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Congo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Costa Rica	5.6	5.7	5.6	7.0	7.7	8.3	9.0	9.0	9.0
Côte d'Ivoire	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
Croatia	0.3	1.0	1.8	1.8	1.8	1.9	2.0	2.0	2.0
Cuba	12.3	10.6	10.0	10.2	10.2	10.3	10.1	10.1	10.0
Cyprus	29.3	27.5	35.2	35.7	30.4	34.9	31.4	28.9	30.5
Czechia	0.8	1.3	0.9	1.0	1.0	1.3	1.3	1.3	1.3
Democratic People's Republic of Korea	57.3	56.2	54.5	55.5	55.5	55.5	55.5	55.5	55.5
Democratic Republic of the Congo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denmark	16.9	16.6	16.6	12.4	8.3	8.3	11.6	11.4	13.5
Djibouti	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Dominica			0.8	0.8	0.8	0.8	0.8	0.8	0.8
Dominican Republic	10.9	12.0	12.8	13.1	12.6	12.6	12.6	12.6	12.6
Ecuador	10.6	14.1	20.0	30.0	28.9	31.0	30.6	31.4	32.1
Egypt	100.0	99.8	99.8	99.8	99.8	99.8	99.7	99.7	99.7
El Salvador	3.3	3.5	3.6	3.7	3.7	3.7	3.8	3.8	3.8
Equatorial Guinea						0.5	0.5	0.5	0.5
Eritrea	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Estonia	0.2	0.2	0.1	0.1	0.2	0.3	0.3	0.3	0.3
Eswatini	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
Ethiopia	1.0	1.3	1.8	2.2	2.3	2.3	2.3	2.3	2.3
Fiji	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Finland	4.0	3.5	3.0	3.8	3.1	2.4	2.4	2.4	2.4
France	8.8	9.1	9.4	9.6	9.5	9.4	9.4	9.4	9.4
Gabon	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Gambia	0.4	0.4	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Georgia	15.2	17.2	17.6	17.9	17.9	18.1	18.2	18.1	18.0
Germany	2.8	3.0	3.9	4.1	4.1	4.1	4.1	4.1	4.1
Ghana	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Greece	15.5	19.9	18.5	24.7	24.7	24.9	25.1	25.1	25.1
Grenada	1.7	7.1	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Guatemala	4.0	6.9	8.4	8.9	8.8	8.8	8.8	8.8	8.8
Guinea	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Guinea-Bissau	3.8	3.5	3.3	3.2	3.2	3.1	3.1	3.1	3.1
Guyana	13.3	12.8	12.4	11.8	11.7	11.6	11.5	11.4	11.5
Haiti	5.6	5.8	5.2	5.3	5.3	5.3	5.3	5.3	5.3
Honduras	2.7	2.6	2.8	2.7	2.7	2.6	2.6	2.6	2.6
Hungary	4.0	2.6	3.1	3.5	3.9	4.4	4.3	4.3	4.4
Iceland								0.0	0.0
India	33.4	35.9	37.7	38.9	39.0	39.1	39.2	39.2	39.2
Indonesia	11.7	13.0	12.1	11.8	11.7	11.2	10.8	10.8	10.8
Iran (Islamic Republic of)	12.5	18.0	19.9	20.9	20.9	20.9	20.7	20.5	20.4
Iraq	42.5	37.5	42.9	38.0	38.1	38.1	38.1	38.1	38.1
Ireland									

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

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Israel	36.4	43.7	44.6	49.3	53.4	55.4	47.5	47.7	47.9
Italy	24.7	27.0	26.1	30.7	31.6	32.2	32.2	33.2	31.4
Jamaica	5.4	6.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9
Japan	50.2	54.5	54.3	54.4	54.4	54.4	54.4	54.4	54.7
Jordan	7.2	7.9	9.6	9.9	9.9	10.0	10.6	10.5	10.4
Kazakhstan	1.3	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Kenya	0.3	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Kiribati									
Kuwait	4.7	5.1	9.2	11.8	12.1	12.0	11.9	12.0	12.0
Kyrgyzstan	9.8	9.5	9.6	9.7	9.7	9.7	9.7	9.9	9.9
Lao People's Democratic Republic	16.4	15.1	15.3	16.2	16.4	17.0	18.0	18.3	18.3
Latvia	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Lebanon	17.5	17.0	16.9	15.2	14.7	14.3	13.7	13.7	13.7
Lesotho	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Liberia	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Libya	3.0	2.8	2.6	2.6	2.6	2.6	2.6	2.6	2.6
Lithuania	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Luxembourg									
Madagascar	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
Malawi	1.2	1.4	1.5	1.6	1.6	1.6	1.6	1.6	1.6
Malaysia	5.3	5.3	5.4	5.5	5.2	5.2	5.2	5.2	5.2
Maldives									
Mali	0.6	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Malta	22.2	32.3	33.9	41.1	41.1	35.2	35.2	35.2	35.2
Marshall Islands									
Mauritania	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Mauritius	19.8	21.9	22.0	22.1	22.1	22.1	22.1	22.1	22.1
Mexico	5.9	5.9	6.4	6.7	6.8	6.9	7.0	7.1	7.1
Micronesia (Federated States of)									
Mongolia	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Montenegro			0.5	1.0	1.0	0.9	0.9	0.9	0.9
Morocco	4.7	5.0	5.1	5.7	5.9	6.0	6.1	6.3	6.6
Mozambique	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Myanmar	17.3	19.0	18.6	18.2	18.0	18.0	17.8	17.8	17.9
Namibia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nauru									
Nepal	26.7	28.4	30.4	33.2	33.2	33.2	33.2	33.2	33.2
Netherlands	25.5	21.1	26.0	27.5	27.9	28.8	28.7	28.7	28.7
New Zealand	1.9	4.6	6.0	6.6	6.9	7.0	7.0	7.1	7.1
Nicaragua	1.7	2.6	3.9	3.9	3.9	3.9	3.9	3.9	3.9
Niger	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Nigeria	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
North Macedonia	4.5	10.4	11.4	10.2	10.1	10.1	10.1	10.1	10.1
Norway	12.9	11.4	9.3	8.8	8.5	8.5	8.5	8.5	8.5

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

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Oman	5.1	4.1	4.5	4.8	5.8	5.9	7.0	6.9	6.9
Pakistan	49.3	52.8	55.8	55.1	55.2	54.3	54.0	55.1	55.1
Palau									
Panama	1.6	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Papua New Guinea									
Paraguay	0.4	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.6
Peru	8.8	9.6	10.3	10.7	10.7	10.6	10.6	10.5	10.6
Philippines	12.1	12.5	12.8	13.7	13.9	14.9	15.2	15.4	15.9
Poland	0.5	0.8	0.6	1.0	1.4	1.9	1.9	1.9	1.9
Portugal	20.0	16.1	14.9	15.0	15.1	15.1	15.3	15.3	15.3
Qatar	19.2	20.1	24.1	29.6	31.0	31.3	32.8	32.8	35.8
Republic of Korea	44.6	46.1	44.4	43.1	42.3	42.8	42.2	42.8	43.2
Republic of Moldova	11.9	9.1	9.3	9.9	9.8	9.8	9.8	9.9	9.8
Romania	20.7	22.4	22.3	22.8	22.7	23.3	23.5	23.5	22.8
Russian Federation	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Rwanda	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Saint Kitts and Nevis	0.2	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5
Saint Lucia	21.1	27.5	28.3	28.3	28.3	28.3	28.3	28.3	28.3
Saint Vincent and the Grenadines	7.1	7.1	7.1	0.0	0.0	0.0	0.0	0.0	0.0
Samoa									
San Marino									
Sao Tome and Principe	20.4	20.8	21.7	22.7	22.7	22.7	22.7	22.7	22.7
Saudi Arabia	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Senegal	1.2	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.4
Serbia			2.5	2.2	2.2	2.2	2.0	2.0	1.8
Seychelles		7.5	12.5	19.4	19.4	19.4	19.4	19.4	19.4
Sierra Leone	1.1	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Singapore									
Slovakia	7.5	9.7	5.6	3.5	3.3	3.4	3.3	3.5	3.5
Slovenia	0.6	1.0	1.3	0.8	1.0	0.9	1.0	1.1	1.1
Solomon Islands									
Somalia	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
South Africa	1.5	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7
South Sudan				0.1	0.1	0.1	0.1	0.1	0.1
Spain	12.6	13.2	13.3	14.8	14.8	14.9	14.9	15.0	15.0
Sri Lanka	24.3	22.7	21.8	23.0	23.0	23.0	23.1	22.7	22.7
Sudan				2.7	2.7	2.7	2.7	2.7	2.7
Suriname	58.5	70.7	72.8	74.8	80.5	81.6	81.0	81.0	81.0
Sweden	4.6	5.2	5.3	5.1	5.2	5.2	5.2	5.2	5.2
Switzerland	2.4	3.2	4.0	3.6	3.5	3.4	3.4	3.4	3.5
Syrian Arab Republic	8.8	10.3	9.6	9.4	9.4	9.4	9.4	9.4	9.4
Tajikistan	15.7	15.6	15.9	17.2	17.2	17.3	17.3	17.4	17.4
Thailand	28.2	31.6	30.5	29.0	29.0	29.0	29.0	29.0	29.0
Timor-Leste	9.5	9.1	9.4	9.2	9.2	9.2	9.2	9.2	9.2

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

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Togo	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Tonga									
Trinidad and Tobago	7.5	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
Tunisia	4.1	4.3	4.6	4.9	4.9	5.0	5.0	5.0	5.0
Turkey	11.7	12.7	13.4	13.5	13.5	13.6	13.7	13.8	13.8
Turkmenistan	5.2	5.7	5.9	5.9	5.9	5.9	5.9	5.9	5.9
Tuvalu									
Uganda	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Ukraine	5.8	5.3	5.3	5.2	5.2	5.2	5.2	5.2	5.2
United Arab Emirates	38.4	40.8	23.5	21.6	21.6	21.8	21.8	21.4	23.2
United Kingdom of Great Britain and Northern Ireland	1.4	1.3	0.6	0.8	0.9	1.0	1.1	1.2	1.2
United Republic of Tanzania	0.5	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9
United States of America	6.5	6.5	6.5	6.6	6.6	6.6	6.6	6.6	6.6
Uruguay	1.3	1.5	1.6	1.8	1.8	1.8	1.9	1.9	1.9
Uzbekistan	15.4	15.8	16.6	16.8	16.9	16.9	16.9	16.9	16.9
Vanuatu									
Venezuela (Bolivarian Republic of)	2.7	4.4	4.9	4.9	4.9	4.9	4.9	4.9	4.9
Viet Nam	44.0	43.9	42.6	42.2	37.7	37.7	37.7	37.8	37.0
Yemen	2.1	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
Zambia	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Zimbabwe	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.2

Complete series are available at <http://www.fao.org/faostat/en/#data/EL>

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

COUNTRY	2000	2005	2010	2013	2014	2015	2016	2017	2018
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	55.7	58.3	69.6	62.1	64.0	68.2
Algeria	60.7	59.7	59.3	61.6	63.8	65.8	64.1	63.8	63.8
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	77.5	74.9	81.7	80.0	73.2	69.3
Australia	69.4	65.2	53.8	65.7	63.4	54.2	65.5	65.6	69.3
Austria	2.7	2.6	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Azerbaijan	58.0	66.5	72.2	71.2	69.7	91.1	91.1	92.1	92.4
Bahamas									
Bahrain	49.1	41.8	35.8	32.7	31.7	32.2	33.3	33.3	33.3
Bangladesh				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	32.3	33.0	30.0	29.5	30.9	29.9
Belgium	0.5	0.6	0.7	0.8	0.9	1.1	1.1	1.1	1.1
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	25.2	24.3	23.4	24.7	25.2	25.2
Bhutan				94.1	94.1	94.1	94.1	94.1	94.1
Bolivia (Plurinational State of)	91.1	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0
Bosnia and Herzegovina									
Botswana	41.2	37.9	37.7	36.7	35.1	36.3	40.2	35.8	35.8
Brazil	58.3	55.2	60.0	55.8	54.2	54.0	60.9	60.0	58.1
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	15.1	13.5	14.7	16.0	14.8	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		92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
Cambodia				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	9.4	8.5	7.5	7.5	7.4	7.5
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	88.4	89.2	90.0	29.4	90.9
China	68.8	64.6	62.5	64.5	64.6	64.4	64.4	64.4	64.4
Colombia	63.5	56.9	62.4	68.6	70.0	71.1	75.0	73.5	73.5
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	2013	2014	2015	2016	2017	2018
Congo	8.8	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
Costa Rica				70.2	70.6	72.1	74.2	73.3	72.0
Côte d'Ivoire	42.6	38.4	44.8	49.7	51.6	51.6	51.6	51.6	51.6
Croatia		1.0	1.3	7.7	9.2	10.3	10.5	10.6	10.6
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	65.6	63.3	66.3	63.9	62.0	0.0
Czechia	0.6	1.2	2.0	2.7	2.9	3.4	2.9	2.9	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	40.1	43.3	47.7	52.1	52.8	58.9
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	82.1	82.7	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	85.1	84.8	84.4	84.3	79.2	79.2
El Salvador	55.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
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	0.3	0.3	0.3	0.3
Eswatini	96.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
Ethiopia		89.0	90.5	91.2	91.4	91.6	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	12.9	14.3	15.5	17.4	17.4	14.3
France	14.9	13.9	10.6	10.2	7.7	11.4	11.8	10.9	10.9
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	40.4	36.5	32.4	28.2	35.4	35.5
Germany	0.7	0.7	0.8	1.3	1.3	1.4	1.4	1.4	1.4
Ghana	66.4	70.0	72.9	74.1	74.8	72.6	73.1	73.1	73.1
Greece	89.2	90.1	86.0	83.5	83.5	83.6	80.0	80.0	80.1
Grenada		21.5	17.3	15.4	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	64.0	64.8	65.5	66.1	66.8	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	8.7	11.2	12.7	10.0	11.5	11.5
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	83.8	84.5	84.8	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	90.1	91.5	91.5	91.5	87.8	91.5
Ireland	14.9	15.9	10.9	8.5	7.7	7.2	6.5	5.4	4.6

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

COUNTRY	2000	2005	2010	2013	2014	2015	2016	2017	2018
Israel	59.1	57.3	57.3	54.4	53.5	52.6	55.6	54.1	51.7
Italy	44.1	40.5	44.1	49.7	49.7	49.7	49.7	49.7	49.7
Jamaica	64.9	57.0	30.7	21.3	18.8	16.4	8.4	8.4	8.4
Japan	63.3	65.9	66.9	67.2	67.3	67.4	67.5	67.7	67.7
Jordan	66.2	65.0	56.1	53.4	53.5	51.0	53.1	53.1	53.1
Kazakhstan	66.7	71.3	59.1	60.8	57.8	61.1	61.0	61.8	63.2
Kenya	64.7	69.7	59.3	59.3	59.3	59.3	80.2	80.2	80.2
Kiribati									
Kuwait	53.6	53.2	56.5	58.2	58.8	59.3	60.5	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	95.8	96.0	96.2	96.1	95.9	95.9
Latvia	16.0	21.9	18.4	14.6	22.0	27.8	31.3	31.2	30.5
Lebanon	64.2	59.5	47.0	41.3	39.6	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	11.6	16.2	15.6	19.3	22.7	22.5
Luxembourg	0.3	0.3	0.2	0.7	0.7	1.6	0.7	0.9	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	64.0	44.3	41.1	40.6	42.4	39.1
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	61.7	60.2	56.0	57.0	55.8	51.0
Mexico	84.7	76.7	76.7	75.7	76.7	76.3	76.3	76.0	75.7
Micronesia (Federated States of)									
Mongolia	46.2	42.2	46.3	54.7	58.0	61.6	54.3	54.3	54.3
Montenegro			1.1	1.1	1.1	1.1	1.1	1.1	1.1
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	73.1	73.1	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	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
Nauru									
Nepal	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
Netherlands	1.0	0.6	1.1	1.1	0.9	1.3	1.0	1.5	3.7
New Zealand	65.9	58.2	61.7	63.9	64.7	65.5	66.3	66.7	65.2
Nicaragua	82.5	78.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7
Niger	67.3	66.7	87.5	90.5	87.6	88.5	87.9	87.7	87.7
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	31.5	31.1	19.1	31.5	39.5	38.3
Norway	32.0	26.7	30.1	30.7	30.4	31.1	31.9	31.4	31.4

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

COUNTRY	2000	2005	2010	2013	2014	2015	2016	2017	2018
Oman	90.4	87.7	86.4	85.8	84.7	82.6	82.6	82.6	82.6
Pakistan	94.3	94.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0
Palau									
Panama			43.0	38.9	38.8	35.7	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			86.6	83.8	83.0	82.1	81.3	87.1	91.8
Philippines			81.5	80.4	81.2	78.6	77.5	72.8	72.3
Poland	8.6	9.5	10.6	10.1	9.9	9.4	10.0	10.1	13.8
Portugal	76.9	71.5	67.0	63.1	61.5	59.8	57.8	55.5	57.0
Qatar	71.5	59.0	40.8	36.4	35.1	28.3	32.0	27.0	26.1
Republic of Korea	61.9	54.7	57.9	57.7	57.6	59.2	58.9	58.9	58.9
Republic of Moldova	17.0	8.3	4.2	4.4	5.0	5.2	5.1	5.0	5.1
Romania	9.7	8.1	11.9	17.7	17.4	20.0	19.5	22.0	22.2
Russian Federation	20.1	19.9	19.9	19.9	26.4	28.0	28.1	29.0	28.8
Rwanda	68.0	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
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
Saudi Arabia	87.7	88.1	85.4	83.7	83.8	83.9	82.7	82.2	79.2
Senegal	89.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
Serbia			14.7	15.2	16.0	15.4	13.5	12.3	12.8
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	2.6	3.1	4.0	4.0	4.0	4.0
Slovakia	7.8	2.6	3.1	5.1	4.1	5.5	3.9	5.7	13.3
Slovenia		0.2	0.2	0.3	0.2	0.4	0.4	0.4	0.3
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	62.5	61.6	60.8	59.5	58.8	57.9
South Sudan				36.5	36.5	36.5	36.5	36.5	36.5
Spain	64.8	64.4	66.3	65.7	66.8	65.7	65.2	65.2	65.2
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	3.4	3.3	3.2	3.2	3.2	3.2
Switzerland	2.0	4.1	6.7	9.3	9.4	9.2	9.2	9.2	9.1
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	91.1	91.2	88.0	81.1	64.9	75.5
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	2013	2014	2015	2016	2017	2018
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	79.6	79.4	79.3	79.1	74.4	76.3
Turkey	80.0	83.3	85.7	85.9	85.2	85.7	87.6	84.3	87.1
Turkmenistan	96.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
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	33.0	34.3	31.1	32.1	41.6	41.6
United Arab Emirates	78.5	82.8	72.2	66.7	65.0	63.4	61.8	60.3	59.4
United Kingdom of Great Britain and Northern Ireland	12.0	14.0	14.8	13.8	14.6	15.4	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	38.1	38.9	39.7	39.7	39.7	39.7
Uruguay	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
Uzbekistan	90.9	90.0	90.8	91.4	91.6	92.1	91.7	92.3	92.3
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	79.8	79.4	79.0	80.0	83.0	80.6

Complete series are available at <http://www.fao.org/aquastat/en/>

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

COUNTRY	2000	2005	2010	2015	2016	2017	2018	2019	2020
World	1 046 631	1 042 296	986 615	909 549	902 150	896 341	888 467	883 257	873 757
Africa	161 811	182 461	196 907	207 929	211 595	215 459	219 192	223 679	224 159
Americas	40 721	43 738	41 461	40 691	40 708	41 304	41 767	41 736	40 631
Asia	806 265	785 513	722 504	638 434	627 664	618 147	606 653	597 454	589 103
Europe	35 154	28 118	23 534	20 335	19 993	19 229	18 631	18 166	17 619
Oceania	2 680	2 465	2 210	2 161	2 190	2 203	2 223	2 222	2 244
Afghanistan	2 950	3 565	3 484	3 827	3 886	3 887	3 959	4 048	
Albania	600	516	449	447	452	444	460	463	
Algeria	1 393	1 569	1 184	1 094	1 124	1 114	1 096	1 076	
Andorra									
Angola	2 420	2 917	4 232	5 426	5 624	5 812	6 015	6 210	
Antigua and Barbuda									
Argentina	93	198	215	47	23	11	18	11	
Armenia	461	421	408	384	361	335	260	242	
Australia	433	355	360	314	316	318	327	325	
Austria	226	201	213	191	186	170	163	163	
Azerbaijan	1 561	1 571	1 623	1 680	1 712	1 737	1 757	1 752	
Bahamas	6	5	5	5	5	5	5	5	
Bahrain	5	6	8	8	8	9	9	9	
Bangladesh	29 083	25 685	26 112	26 012	25 995	26 190	25 954	25 739	
Barbados	6	5	4	4	4	4	4	4	
Belarus	632	584	517	464	465	512	546	529	
Belgium	79	87	61	54	58	55	48	45	
Belize	21	19	23	26	28	27	28	28	
Benin	1 305	1 464	1 600	1 707	1 740	1 764	1 785	1 804	
Bhutan	163	183	186	197	200	202	206	209	
Bolivia (Plurinational State of)	1 403	1 603	1 386	1 330	1 455	1 555	1 688	1 698	
Bosnia and Herzegovina	260	204	205	173	180	178	169	202	
Botswana	99	124	157	176	176	176	177	177	
Brazil	11 658	13 489	11 122	9 492	9 186	8 594	8 567	8 590	
Brunei Darussalam	2	2	1	1	2	3	2	4	
Bulgaria	372	269	210	208	204	222	208	215	
Burkina Faso	3 762	3 452	2 714	1 836	1 853	1 862	1 867	1 868	
Burundi	2 396	2 785	3 249	3 695	3 826	3 963	4 099	4 238	
Cabo Verde	30	29	29	28	28	27	24	22	
Cambodia	4 067	4 141	4 625	3 607	3 321	3 453	3 337	3 214	
Cameroon	4 308	4 799	4 591	4 536	4 585	4 643	4 705	4 773	
Canada	378	349	316	304	294	288	285	294	
Central African Republic	1 080	1 181	1 237	1 234	1 239	1 249	1 264	1 281	
Chad	2 517	2 874	3 325	3 863	4 011	4 154	4 281	4 408	
Chile	812	833	780	777	796	793	803	792	
China	363 966	334 162	278 659	220 638	214 129	208 692	201 600	194 951	
Colombia	3 231	3 587	3 671	3 678	3 717	3 897	3 984	3 750	
Comoros	70	76	75	72	73	73	74	75	

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

COUNTRY	2000	2005	2010	2015	2016	2017	2018	2019	2020
Congo	417	465	556	607	621	636	647	662	
Costa Rica	250	277	223	262	254	270	274	272	
Côte d'Ivoire	2 952	3 006	3 029	3 153	3 171	3 081	3 105	3 129	
Croatia	272	297	243	147	122	114	104	105	
Cuba	1 156	987	921	931	917	903	888	871	
Cyprus	23	23	21	21	19	14	12	14	
Czechia	246	191	151	149	151	148	150	142	
Democratic People's Republic of Korea	6 818	6 861	7 038	7 074	7 025	7 083	7 140	7 069	
Democratic Republic of the Congo	13 098	14 849	15 392	16 522	16 992	17 461	17 902	18 371	
Denmark	100	88	68	68	64	58	62	63	
Djibouti	93	96	100	96	95	94	92	91	
Dominica									
Dominican Republic	479	449	460	419	394	436	442	427	
Ecuador	1 581	1 840	1 802	1 930	2 067	2 212	2 326	2 437	
Egypt	5 405	6 399	7 073	6 631	6 696	6 550	5 720	5 542	
El Salvador	461	446	501	463	487	487	442	437	
Equatorial Guinea	89	99	122	160	168	176	183	193	
Eritrea	621	827	934	936	937	954	948	953	
Estonia	38	32	24	25	25	23	22	21	
Eswatini	46	41	37	36	36	36	36	35	
Ethiopia	21 079	25 560	28 344	31 708	32 390	33 093	33 872	34 605	
Fiji	90	88	88	68	65	63	62	61	
Finland	143	116	109	103	95	93	94	97	
France	1 012	951	783	730	775	712	689	702	
Gabon	113	125	141	163	167	170	172	174	
Gambia	130	146	161	182	186	188	190	191	
Georgia	1 020	1 024	856	831	811	799	701	686	
Germany	968	861	636	567	539	532	527	514	
Ghana	4 090	4 819	5 006	3 838	3 848	3 839	3 753	3 685	
Greece	775	563	534	460	449	449	466	452	
Grenada									
Guatemala	1 574	1 592	1 763	1 978	1 891	2 118	2 187	2 226	
Guinea	1 926	2 037	2 214	2 395	2 428	2 467	2 521	2 578	
Guinea-Bissau	311	349	390	437	445	453	462	471	
Guyana	60	51	50	44	43	43	42	41	
Haiti	1 109	1 121	1 201	1 234	1 249	1 265	1 274	1 294	
Honduras	858	891	1 168	1 084	1 048	1 291	1 302	1 289	
Hungary	251	193	172	209	223	226	219	215	
Iceland	14	11	10	8	8	7	8	8	
India	223 082	237 252	225 027	204 016	202 621	201 363	200 025	199 640	
Indonesia	41 919	41 068	42 709	39 330	38 357	38 239	37 563	37 293	
Iran (Islamic Republic of)	4 138	5 266	3 995	4 067	4 183	4 238	4 321	4 354	
Iraq	1 484	1 572	1 541	1 728	1 730	1 644	1 667	1 668	
Ireland	141	122	112	109	111	109	106	101	

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

COUNTRY	2000	2005	2010	2015	2016	2017	2018	2019	2020
Israel	55	45	39	36	36	37	36	34	
Italy	1 081	949	846	842	886	875	877	916	
Jamaica	212	199	202	215	209	219	217	211	
Japan	3 300	2 857	2 582	2 345	2 282	2 263	2 344	2 280	
Jordan	47	49	56	58	57	57	56	54	
Kazakhstan	2 454	2 408	2 314	1 564	1 491	1 421	1 359	1 284	
Kenya	5 881	7 919	9 838	11 608	11 958	12 176	12 365	12 562	
Kiribati									
Kuwait	24	30	38	45	45	44	43	42	
Kyrgyzstan	1 015	804	718	690	633	542	480	459	
Lao People's Democratic Republic	1 938	2 061	2 200	2 282	2 300	2 305	2 305	2 316	
Latvia	141	119	74	73	71	63	65	67	
Lebanon	211	241	231	267	268	266	262	258	
Lesotho	340	335	330	328	326	328	329	329	
Liberia	616	684	774	836	869	883	899	922	
Libya	340	362	357	344	340	334	329	325	
Lithuania	272	205	110	122	110	107	99	88	
Luxembourg	5	3	3	3	3	4	3	2	
Madagascar	5 434	7 010	7 471	7 992	8 156	8 343	8 526	8 712	
Malawi	3 552	3 954	4 468	5 171	5 327	5 481	5 640	5 798	
Malaysia	1 699	1 543	1 579	1 767	1 631	1 653	1 596	1 568	
Maldives	17	19	19	23	22	23	23	23	
Mali	2 803	3 030	3 534	3 706	3 951	3 933	4 058	4 159	
Malta	3	3	2	3	2	2	2	2	
Marshall Islands									
Mauritania	277	290	306	323	328	332	339	342	
Mauritius	54	49	45	39	37	36	35	34	
Mexico	6 607	6 281	6 437	6 885	6 853	6 985	6 969	6 965	
Micronesia (Federated States of)									
Mongolia	430	394	367	348	360	352	337	337	
Montenegro	17	14	12	17	17	18	19	17	
Morocco	3 782	4 312	4 249	3 925	3 842	3 735	3 699	3 657	
Mozambique	6 698	7 355	7 778	8 099	8 289	8 500	8 723	8 966	
Myanmar	13 861	13 116	12 581	12 786	12 457	12 100	11 790	11 757	
Namibia	142	153	167	172	138	151	165	164	
Nauru									
Nepal	8 961	9 448	9 844	9 578	9 794	9 964	10 173	10 393	
Netherlands	261	293	258	195	192	195	184	186	
New Zealand	158	145	147	147	162	160	151	150	
Nicaragua	556	593	680	837	845	854	865	888	
Niger	3 506	4 064	4 891	5 302	5 486	5 682	5 880	6 090	
Nigeria	19 428	20 226	21 151	19 285	18 781	19 105	19 682	20 225	
North Macedonia	139	116	120	127	121	121	120	111	
Norway	100	77	64	53	55	55	57	56	

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

COUNTRY	2000	2005	2010	2015	2016	2017	2018	2019	2020
Oman	48	72	70	104	107	108	105	105	
Pakistan	18 031	21 132	24 840	26 795	28 136	27 034	25 856	26 181	
Palau									
Panama	212	226	275	264	284	270	277	287	
Papua New Guinea	1 805	1 668	1 396	1 410	1 424	1 438	1 458	1 459	
Paraguay	701	811	707	609	674	656	670	634	
Peru	3 834	4 558	4 303	4 559	4 663	4 777	4 954	5 022	
Philippines	10 717	11 450	12 243	12 171	11 497	10 662	10 407	10 084	
Poland	2 727	2 519	2 144	1 957	1 826	1 792	1 699	1 619	
Portugal	641	614	550	344	320	306	295	270	
Qatar	9	15	21	24	24	26	25	25	
Republic of Korea	2 331	1 883	1 606	1 387	1 318	1 328	1 349	1 400	
Republic of Moldova	807	618	363	497	473	449	309	281	
Romania	4 878	2 892	2 733	2 185	1 955	1 979	1 939	1 840	
Russian Federation	9 489	6 990	5 469	4 782	4 785	4 180	4 168	4 085	
Rwanda	3 323	3 650	3 897	3 751	3 799	3 841	3 875	3 920	
Saint Kitts and Nevis									
Saint Lucia	12	11	11	9	9	9	10	9	
Saint Vincent and the Grenadines	6	6	5	5	5	5	5	5	
Samoa	19	17	16	16	15	15	15	15	
San Marino									
Sao Tome and Principe	12	12	12	12	12	12	12	12	
Saudi Arabia	372	310	388	759	638	463	332	326	
Senegal	1 219	1 222	1 190	1 170	1 175	1 180	1 188	1 197	
Serbia	1 037	757	682	619	631	603	568	573	
Seychelles									
Sierra Leone	1 119	1 347	1 364	1 342	1 352	1 367	1 384	1 397	
Singapore	3	3	3	3	2	2	2	1	
Slovakia	145	106	74	77	72	69	59	72	
Slovenia	86	87	85	65	46	54	54	42	
Solomon Islands	101	113	118	120	121	123	123	125	
Somalia	1 672	1 898	2 110	2 425	2 504	2 590	2 676	2 768	
South Africa	1 146	908	690	910	903	874	866	881	
South Sudan	1 458	1 740	2 160	2 422	2 458	2 479	2 471	2 482	
Spain	1 060	1 033	798	747	787	831	820	797	
Sri Lanka	2 963	2 826	2 502	2 358	2 263	2 201	2 078	2 036	
Sudan	3 415	3 673	3 771	3 778	3 805	3 838	3 905	3 971	
Suriname	9	13	14	15	16	16	16	17	
Sweden	124	101	95	97	91	90	86	84	
Switzerland	188	154	147	158	156	146	143	123	
Syrian Arab Republic	1 448	1 085	765	594	559	529	503	486	
Tajikistan	815	908	976	1 026	1 030	1 009	991	971	
Thailand	16 679	14 250	14 799	12 488	11 966	12 008	12 408	12 059	
Timor-Leste	193	205	208	196	191	201	206	205	

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

COUNTRY	2000	2005	2010	2015	2016	2017	2018	2019	2020
Togo	738	836	939	950	909	864	870	875	
Tonga	11	10	8	7	7	6	6	6	
Trinidad and Tobago	40	27	24	22	21	21	20	20	
Tunisia	556	548	594	502	503	509	493	482	
Turkey	5 466	4 945	5 341	5 455	5 361	5 525	5 393	5 209	
Turkmenistan	540	593	594	532	518	505	490	474	
Tuvalu									
Uganda	5 685	6 595	7 550	9 983	10 419	10 910	11 344	11 759	
Ukraine	5 395	4 780	4 042	2 890	2 917	2 853	2 663	2 542	
United Arab Emirates	136	148	205	130	117	106	97	93	
United Kingdom of Great Britain and Northern Ireland	425	400	363	365	366	382	356	353	
United Republic of Tanzania	12 974	13 527	14 466	15 774	16 144	16 523	16 930	17 340	
United States of America	2 291	2 028	2 016	2 187	2 211	2 243	2 181	2 191	
Uruguay	156	151	184	143	133	141	134	134	
Uzbekistan	3 467	3 575	3 212	3 604	3 634	3 626	3 604	3 517	
Vanuatu	49	57	64	69	69	70	71	72	
Venezuela (Bolivarian Republic of)	925	1 064	978	919	913	898	881	875	
Viet Nam	26 735	25 006	24 687	24 023	22 953	22 250	21 814	20 894	
Yemen	1 476	1 200	1 098	1 496	1 546	1 589	1 616	1 630	
Zambia	2 730	3 040	3 071	3 018	3 044	3 087	3 145	3 231	
Zimbabwe	3 128	3 588	3 796	4 184	4 237	4 283	4 330	4 425	

Complete series are available at <https://ilo.org/topics/employment/>

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

COUNTRY	2000	2005	2010	2015	2016	2017	2018	2019	2020
World	40.0	37.0	33.0	28.8	28.3	27.8	27.2	26.7	27.4
Africa	58.2	57.1	53.9	50.7	50.5	50.0	49.4	48.9	49.5
Americas	11.4	11.2	10.0	9.1	9.1	9.1	9.0	8.9	9.4
Asia	48.6	44.3	38.8	32.8	32.0	31.2	30.4	29.7	30.3
Europe	11.3	8.7	7.1	6.1	5.9	5.7	5.4	5.3	5.2
Oceania	19.1	16.1	13.4	12.2	12.1	12.0	11.8	11.6	11.9
Afghanistan	65.8	62.1	54.6	47.1	45.8	44.0	43.1	42.5	
Albania	52.8	47.4	42.1	41.3	40.0	38.1	37.3	36.4	
Algeria	22.3	18.5	11.9	10.4	10.3	10.2	9.9	9.6	
Andorra									
Angola	37.5	38.1	48.9	51.2	51.2	51.0	50.9	50.7	
Antigua and Barbuda									
Argentina	0.7	1.3	1.3	0.3	0.1	0.1	0.1	0.1	
Armenia	42.9	38.5	38.6	35.3	33.6	31.3	25.8	24.1	
Australia	4.9	3.6	3.2	2.6	2.6	2.6	2.6	2.6	
Austria	6.1	5.3	5.2	4.5	4.3	3.9	3.7	3.7	
Azerbaijan	41.0	39.3	38.2	36.4	36.3	36.3	36.3	36.0	
Bahamas	4.1	3.5	2.7	2.4	2.4	2.3	2.3	2.2	
Bahrain	1.6	1.4	1.1	1.1	1.0	1.0	1.0	0.9	
Bangladesh	64.8	51.2	47.3	43.5	42.7	40.6	39.4	38.3	
Barbados	4.2	3.5	2.8	2.9	2.9	2.8	2.7	2.7	
Belarus	15.1	13.0	10.9	9.7	9.7	10.7	11.3	11.1	
Belgium	1.9	2.0	1.4	1.2	1.3	1.2	1.0	0.9	
Belize	26.0	19.6	18.9	18.1	18.6	17.4	17.0	16.8	
Benin	48.4	46.3	44.1	41.1	40.6	39.9	39.1	38.3	
Bhutan	66.8	63.3	59.6	58.0	57.2	56.5	56.1	55.8	
Bolivia (Plurinational State of)	38.9	38.6	30.0	27.8	29.7	30.5	31.1	30.5	
Bosnia and Herzegovina	25.2	21.3	19.7	17.5	18.0	16.8	15.7	18.0	
Botswana	20.0	22.7	24.6	21.9	21.4	20.9	20.4	19.9	
Brazil	16.5	16.6	12.7	10.2	10.1	9.5	9.3	9.1	
Brunei Darussalam	1.2	0.9	0.7	0.7	1.0	1.4	1.1	2.0	
Bulgaria	13.2	8.9	6.8	6.9	6.8	7.0	6.6	6.6	
Burkina Faso	80.4	67.5	48.2	29.8	28.9	28.0	27.1	26.2	
Burundi	91.8	90.3	88.2	86.3	86.3	86.3	86.3	86.2	
Cabo Verde	23.6	19.8	16.5	14.5	14.1	13.6	11.8	10.6	
Cambodia	73.5	62.0	57.3	42.5	37.5	38.2	36.4	34.5	
Cameroon	66.5	62.0	55.0	46.6	45.7	44.9	44.2	43.5	
Canada	2.5	2.1	1.8	1.6	1.6	1.5	1.5	1.5	
Central African Republic	75.5	74.6	72.5	71.8	71.3	70.8	70.3	69.8	
Chad	82.2	78.9	77.2	75.4	75.6	75.6	75.4	75.1	
Chile	14.4	13.2	10.6	9.4	9.5	9.3	9.2	9.0	
China	49.2	44.1	36.1	28.1	27.2	26.5	25.6	24.9	
Colombia	22.4	20.7	18.4	16.0	16.0	16.5	16.7	15.8	
Comoros	57.9	54.1	45.5	37.3	36.5	35.7	35.0	34.4	

TABLE 9.

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

COUNTRY	2000	2005	2010	2015	2016	2017	2018	2019	2020
Congo	42.3	40.0	37.2	34.4	34.2	34.1	33.7	33.5	
Costa Rica	16.3	15.2	11.4	12.3	12.2	12.6	12.4	12.0	
Côte d'Ivoire	51.1	49.9	47.5	43.5	42.7	41.9	41.0	40.1	
Croatia	16.5	17.3	14.3	9.2	7.6	7.0	6.2	6.2	
Cuba	27.1	21.1	18.6	18.7	18.3	18.0	17.7	17.4	
Cyprus	5.4	4.7	3.8	4.0	3.6	2.5	2.2	2.4	
Czechia	5.2	4.0	3.1	2.9	2.9	2.8	2.8	2.7	
Democratic People's Republic of Korea	50.2	48.2	47.1	45.3	44.6	44.6	44.5	43.8	
Democratic Republic of the Congo	73.5	71.9	69.5	66.1	65.8	65.4	64.8	64.3	
Denmark	3.7	3.2	2.5	2.5	2.3	2.1	2.2	2.2	
Djibouti	40.1	36.9	32.8	28.2	27.3	26.4	25.5	24.6	
Dominica									
Dominican Republic	15.6	13.7	12.4	9.7	8.9	9.6	9.3	8.8	
Ecuador	29.8	30.3	27.9	26.2	26.9	27.7	28.8	29.7	
Egypt	29.6	30.9	28.3	25.8	25.6	25.0	21.7	20.6	
El Salvador	21.6	20.0	20.8	18.1	18.7	18.6	16.7	16.3	
Equatorial Guinea	45.6	39.4	37.2	38.4	38.9	39.2	39.1	39.5	
Eritrea	68.0	67.8	67.3	65.5	64.7	64.9	63.8	63.1	
Estonia	6.4	5.2	4.2	3.9	3.9	3.5	3.3	3.2	
Eswatini	21.0	18.3	15.8	13.6	13.2	12.9	12.5	12.2	
Ethiopia	76.7	78.1	74.0	69.4	68.6	67.9	67.3	66.6	
Fiji	31.1	28.2	24.4	19.9	19.1	18.5	18.0	17.6	
Finland	6.2	4.8	4.4	4.2	3.9	3.8	3.7	3.8	
France	4.1	3.6	2.9	2.7	2.9	2.6	2.5	2.5	
Gabon	40.1	37.5	35.2	32.1	31.6	31.1	30.6	30.0	
Gambia	35.4	33.4	30.9	29.4	29.0	28.4	27.7	27.0	
Georgia	52.2	54.3	48.1	44.0	43.8	43.1	38.9	38.1	
Germany	2.6	2.4	1.6	1.4	1.3	1.3	1.2	1.2	
Ghana	55.0	55.0	50.1	35.2	33.9	32.6	31.1	29.7	
Greece	17.4	12.2	12.4	12.9	12.4	12.1	12.3	11.6	
Grenada									
Guatemala	39.8	34.8	33.5	31.9	29.4	31.8	31.7	31.3	
Guinea	71.4	69.3	67.0	64.0	63.0	62.0	61.3	60.6	
Guinea-Bissau	67.7	66.7	64.9	62.8	62.2	61.6	61.1	60.5	
Guyana	24.7	21.6	20.1	16.9	16.7	16.3	15.9	15.4	
Haiti	37.8	35.7	34.0	30.4	30.1	29.7	29.2	29.0	
Honduras	35.9	33.1	36.5	28.7	27.4	32.0	30.7	29.5	
Hungary	6.5	4.9	4.5	4.9	5.0	5.0	4.8	4.7	
Iceland	8.7	6.5	5.6	4.2	3.9	3.8	4.0	4.0	
India	59.6	56.0	51.5	45.3	44.6	43.9	43.3	42.6	
Indonesia	45.3	44.0	39.1	33.0	31.8	30.8	29.6	28.5	
Iran (Islamic Republic of)	24.4	24.7	19.2	18.0	18.0	17.6	17.7	17.4	
Iraq	28.7	26.1	23.1	20.4	19.8	19.3	18.8	18.3	
Ireland	8.0	5.9	5.8	5.3	5.3	5.0	4.8	4.4	

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

COUNTRY	2000	2005	2010	2015	2016	2017	2018	2019	2020
Israel	2.3	1.7	1.3	1.0	1.0	1.0	1.0	0.9	
Italy	5.2	4.2	3.8	3.8	3.9	3.8	3.8	3.9	
Jamaica	20.9	18.1	17.8	17.7	16.6	16.8	16.2	15.2	
Japan	5.1	4.5	4.1	3.6	3.5	3.4	3.5	3.4	
Jordan	4.2	4.0	3.4	2.9	2.8	2.7	2.6	2.5	
Kazakhstan	36.4	32.4	28.3	18.0	17.3	16.6	15.8	14.9	
Kenya	48.7	61.1	60.3	57.3	56.5	55.9	55.1	54.3	
Kiribati									
Kuwait	2.4	2.7	2.4	2.1	2.0	1.9	1.9	1.8	
Kyrgyzstan	53.1	38.5	32.2	29.3	26.8	23.0	20.4	19.3	
Lao People's Democratic Republic	81.9	77.2	71.5	65.6	64.7	63.6	62.4	61.4	
Latvia	14.9	12.1	8.6	7.9	7.7	6.9	7.0	7.3	
Lebanon	18.8	16.9	14.4	12.8	12.4	12.1	11.7	11.3	
Lesotho	58.5	54.8	50.9	46.7	45.8	45.4	44.9	44.3	
Liberia	52.0	50.7	47.3	43.9	43.7	43.2	42.8	42.6	
Libya	26.5	23.6	20.6	18.8	18.2	17.6	17.0	16.4	
Lithuania	19.2	14.3	8.8	9.1	8.0	7.8	7.2	6.4	
Luxembourg	2.4	1.7	1.1	1.0	1.0	1.4	1.1	0.7	
Madagascar	77.0	82.0	73.4	66.5	65.8	65.3	64.7	64.1	
Malawi	80.7	80.2	78.5	77.3	77.1	76.9	76.6	76.4	
Malaysia	18.4	14.6	13.3	12.5	11.4	11.3	10.6	10.3	
Maldives	19.0	17.2	13.2	9.8	9.2	9.0	8.6	8.3	
Mali	72.6	70.4	68.6	62.3	64.9	63.1	63.0	62.4	
Malta	2.0	2.1	1.3	1.5	1.2	1.0	1.0	1.0	
Marshall Islands									
Mauritania	41.0	38.4	35.9	33.0	32.6	32.0	31.5	30.8	
Mauritius	11.4	10.0	8.6	6.9	6.7	6.4	6.2	6.0	
Mexico	17.4	14.9	13.9	13.4	13.1	13.1	12.8	12.5	
Micronesia (Federated States of)									
Mongolia	48.6	39.9	33.5	28.5	30.4	28.8	26.7	25.3	
Montenegro	10.1	8.6	6.2	7.7	7.7	7.9	8.0	7.1	
Morocco	45.4	45.5	40.6	36.7	36.0	35.0	34.1	33.3	
Mozambique	82.2	79.5	76.4	72.1	71.6	71.1	70.6	70.2	
Myanmar	61.1	56.1	53.1	51.7	51.2	50.6	48.2	48.9	
Namibia	31.3	29.7	28.1	24.5	20.1	21.4	22.6	21.9	
Nauru									
Nepal	75.3	72.6	70.0	66.9	66.7	65.8	65.1	64.4	
Netherlands	3.3	3.7	3.1	2.3	2.3	2.3	2.1	2.1	
New Zealand	8.7	6.9	6.7	6.1	6.6	6.3	5.9	5.8	
Nicaragua	31.9	28.9	29.5	31.0	30.4	29.9	30.3	30.6	
Niger	76.6	76.1	75.1	73.8	73.5	73.2	72.9	72.5	
Nigeria	48.8	44.9	41.4	36.9	36.5	36.0	35.5	35.0	
North Macedonia	24.6	20.8	18.6	17.9	16.6	16.2	15.7	13.9	
Norway	4.3	3.3	2.5	2.0	2.1	2.1	2.1	2.0	

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

COUNTRY	2000	2005	2010	2015	2016	2017	2018	2019	2020
Oman	6.4	7.9	5.2	4.6	4.5	4.3	4.1	4.0	
Pakistan	43.0	43.1	43.4	41.0	42.3	39.9	37.4	36.9	
Palau									
Panama	17.0	15.7	17.4	14.7	15.4	14.5	14.2	14.4	
Papua New Guinea	73.3	70.8	65.4	59.8	59.0	58.2	57.3	56.1	
Paraguay	33.9	32.0	25.6	19.7	21.3	20.2	20.1	18.7	
Peru	34.8	34.8	27.7	28.3	28.4	27.7	27.8	27.4	
Philippines	37.1	35.4	32.9	29.2	26.9	25.4	24.3	22.9	
Poland	18.7	17.4	13.1	11.5	10.6	10.2	9.6	9.2	
Portugal	12.7	12.1	11.2	7.5	6.9	6.4	6.0	5.5	
Qatar	2.6	2.9	1.5	1.2	1.2	1.2	1.2	1.2	
Republic of Korea	10.6	8.0	6.6	5.2	4.9	4.9	5.0	5.1	
Republic of Moldova	50.9	40.7	27.5	34.2	33.7	32.3	24.5	21.0	
Romania	45.2	32.3	31.0	25.6	23.1	22.8	22.3	21.2	
Russian Federation	14.5	10.1	7.7	6.7	6.7	5.9	5.9	5.8	
Rwanda	88.6	85.2	79.5	66.9	65.8	64.6	63.3	62.3	
Saint Kitts and Nevis									
Saint Lucia	21.1	17.8	14.8	11.5	10.8	10.3	11.3	10.0	
Saint Vincent and the Grenadines	16.8	14.1	12.5	11.1	10.8	10.6	10.3	10.1	
Samoa	42.0	37.9	34.5	32.3	31.8	31.4	30.9	30.2	
San Marino									
Sao Tome and Principe	31.1	27.9	24.4	21.2	20.7	20.1	19.6	19.1	
Saudi Arabia	6.1	4.1	4.2	6.1	5.0	3.6	2.5	2.4	
Senegal	46.3	42.3	38.2	33.3	32.5	31.6	30.8	30.1	
Serbia	27.4	23.3	22.3	19.4	18.6	17.2	15.9	15.6	
Seychelles									
Sierra Leone	70.6	68.1	64.2	58.1	57.0	56.1	55.4	54.5	
Singapore	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	
Slovakia	6.9	4.8	3.2	3.2	2.9	2.7	2.3	2.8	
Slovenia	9.6	9.1	8.8	7.1	5.0	5.6	5.5	4.3	
Solomon Islands	51.2	49.4	45.5	40.1	39.5	38.8	37.9	37.3	
Somalia	83.2	82.6	81.8	81.0	80.8	80.7	80.5	80.3	
South Africa	9.9	7.0	4.8	5.6	5.6	5.3	5.2	5.3	
South Sudan	65.7	64.2	62.8	61.8	61.8	61.7	60.8	60.4	
Spain	6.7	5.3	4.2	4.1	4.2	4.4	4.2	4.0	
Sri Lanka	41.0	37.3	31.8	28.7	27.1	26.1	25.5	25.0	
Sudan	51.6	49.0	45.7	41.2	40.4	39.5	38.9	38.4	
Suriname	6.6	8.5	8.0	7.7	8.2	8.1	8.0	8.1	
Sweden	2.9	2.3	2.1	2.0	1.9	1.8	1.7	1.7	
Switzerland	4.8	3.9	3.5	3.4	3.4	3.1	3.0	2.6	
Syrian Arab Republic	32.9	22.9	14.5	12.3	11.7	11.2	10.7	10.1	
Tajikistan	59.4	55.2	52.6	48.6	47.8	46.7	45.8	44.7	
Thailand	48.8	38.7	38.2	32.3	31.2	31.5	32.1	31.4	
Timor-Leste	58.1	55.2	50.8	42.6	40.4	41.0	40.5	39.3	

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

COUNTRY	2000	2005	2010	2015	2016	2017	2018	2019	2020
Togo	48.0	46.7	44.2	38.7	36.3	33.8	33.1	32.4	
Tonga	33.8	30.0	25.3	22.7	21.5	20.6	19.8	19.4	
Trinidad and Tobago	7.2	4.3	3.8	3.4	3.2	3.2	3.1	3.0	
Tunisia	20.3	18.5	17.9	14.8	14.8	14.8	14.3	13.8	
Turkey	27.3	24.8	23.7	20.4	19.5	19.4	18.4	18.1	
Turkmenistan	34.3	32.8	29.4	24.5	23.6	22.7	21.7	20.7	
Tuvalu									
Uganda	70.0	68.3	66.8	72.3	72.4	72.7	72.5	72.1	
Ukraine	26.5	23.3	20.3	15.3	15.6	15.4	14.4	13.8	
United Arab Emirates	7.9	5.2	3.4	2.0	1.8	1.6	1.5	1.4	
United Kingdom of Great Britain and Northern Ireland	1.5	1.4	1.2	1.1	1.1	1.2	1.1	1.0	
United Republic of Tanzania	83.0	74.5	70.4	67.5	66.9	66.2	65.7	65.1	
United States of America	1.6	1.4	1.4	1.4	1.4	1.4	1.4	1.4	
Uruguay	11.5	10.9	11.6	8.8	8.2	8.7	8.4	8.4	
Uzbekistan	39.1	33.7	26.8	27.6	27.4	27.1	26.7	25.7	
Vanuatu	68.7	67.9	63.8	60.6	59.4	58.6	57.6	56.8	
Venezuela (Bolivarian Republic of)	10.6	10.3	8.3	7.3	7.4	7.4	7.5	7.9	
Viet Nam	65.3	54.8	48.7	44.0	41.9	40.2	38.7	37.2	
Yemen	40.8	29.9	24.1	29.5	29.3	28.9	28.3	27.6	
Zambia	70.9	72.3	64.3	52.3	51.4	50.7	50.1	49.6	
Zimbabwe	60.6	64.5	65.5	67.1	66.9	66.5	66.0	66.2	

Based on data available at <https://ilo.org/topics/employment/>

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

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
World	38.7	38.9	38.1	37.1	37.0	36.9	36.8	36.7	36.7
Africa	45.9	46.4	45.9	45.4	45.3	45.2	45.1	44.9	44.9
Americas	20.5	23.2	21.5	21.3	21.2	21.5	21.5	21.8	21.8
Asia	38.0	38.0	36.8	35.4	35.3	35.0	35.0	34.8	34.7
Europe	41.3	40.1	39.1	37.3	36.7	36.0	35.3	35.0	34.9
Oceania	45.5	45.4	45.1	45.5	46.2	45.8	45.9	45.7	46.0
Afghanistan	17.4	18.9	19.9	24.6	26.4	28.2	30.4	31.4	32.0
Albania	50.3	52.6	52.4	49.0	47.5	48.0	46.5	48.1	49.3
Algeria	8.2	6.9	4.5	5.7	6.1	6.5	7.0	6.6	6.3
Andorra									
Angola	59.4	60.4	55.6	56.7	56.3	56.2	56.1	56.1	56.1
Antigua and Barbuda									
Argentina	14.6	23.2	12.3	11.6	11.4	11.0	10.8	25.9	23.0
Armenia	50.1	54.0	54.4	53.5	52.5	50.7	51.5	48.3	48.6
Australia	30.9	30.6	31.8	29.8	32.2	29.6	29.5	29.8	31.3
Austria	45.9	45.2	44.3	44.2	43.5	42.4	43.9	41.3	40.5
Azerbaijan	54.9	46.2	56.7	56.3	56.2	56.0	56.0	55.9	55.9
Bahamas	13.1	4.7	8.4	7.9	7.7	7.5	7.4	7.6	7.4
Bahrain	2.5	1.6	1.0	1.0	1.0	1.0	0.9	0.9	0.8
Bangladesh	27.3	31.5	35.4	39.1	40.3	41.4	43.4	44.1	44.8
Barbados	37.9	34.8	32.9	24.2	26.9	31.5	30.4	29.7	29.3
Belarus	35.2	36.2	35.6	35.1	34.7	34.6	34.2	33.8	33.7
Belgium	26.4	31.5	29.7	31.8	28.8	27.8	27.8	29.7	31.8
Belize	6.4	5.5	7.2	8.4	9.3	9.2	11.2	10.8	10.5
Benin	40.0	41.0	41.6	39.8	39.6	39.0	38.7	38.5	38.2
Bhutan	48.5	49.2	47.6	46.7	46.6	46.9	46.8	46.6	46.4
Bolivia (Plurinational State of)	40.0	43.2	43.7	43.1	41.1	41.2	42.9	44.2	44.0
Bosnia and Herzegovina	40.5	37.6	42.7	38.8	38.4	36.3	38.8	39.1	44.6
Botswana	38.3	30.0	35.5	37.2	37.0	36.8	36.6	36.3	36.0
Brazil	22.7	27.4	22.7	20.9	20.7	19.6	19.1	19.1	19.0
Brunei Darussalam	33.0	32.8	33.2	33.7	25.6	18.9	13.7	21.2	15.1
Bulgaria	37.1	35.2	35.5	30.6	29.6	29.3	30.1	29.9	30.0
Burkina Faso	43.4	38.8	34.8	31.2	32.8	34.3	35.8	37.2	36.6
Burundi	55.3	55.7	56.3	57.0	56.9	56.8	56.7	56.7	56.6
Cabo Verde	27.3	27.1	25.4	25.3	25.2	25.2	25.3	24.4	23.0
Cambodia	52.3	49.9	50.6	49.8	50.7	52.1	51.5	51.7	51.8
Cameroon	51.4	52.6	51.7	52.2	52.0	51.8	51.7	51.6	51.4
Canada	30.1	29.7	29.2	29.2	29.2	29.7	30.1	29.9	31.5
Central African Republic	48.9	48.2	47.7	47.4	47.4	47.4	47.5	47.5	47.5
Chad	46.2	45.6	44.8	44.7	44.6	44.6	44.6	44.6	44.7
Chile	11.1	16.0	19.0	19.8	19.8	21.5	24.1	23.6	22.2
China	41.6	41.3	40.3	38.8	38.7	38.5	38.5	38.4	38.1
Colombia	11.4	12.2	15.5	18.0	19.0	19.0	19.6	19.5	17.3
Comoros	43.8	43.8	39.0	34.3	34.2	34.0	33.8	33.8	33.7

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

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Congo	51.4	50.3	49.3	48.7	48.2	47.7	47.3	47.0	46.6
Costa Rica	7.6	10.9	10.9	13.5	13.1	12.8	13.4	13.3	13.2
Côte d'Ivoire	33.8	33.7	33.7	33.0	32.3	31.6	31.4	31.6	31.5
Croatia	44.5	49.0	49.6	38.5	37.1	33.5	33.7	37.4	32.8
Cuba	17.3	17.1	17.7	16.8	16.9	16.7	16.6	16.4	16.2
Cyprus	33.8	30.0	29.7	21.7	24.1	20.7	19.7	21.6	24.2
Czechia	31.8	30.7	26.5	25.8	24.5	26.1	28.2	28.0	29.1
Democratic People's Republic of Korea	53.2	53.0	52.5	51.8	51.6	51.5	51.2	51.0	50.9
Democratic Republic of the Congo	55.9	56.0	54.8	54.4	54.5	54.4	54.3	54.4	54.4
Denmark	24.8	23.5	17.3	16.5	18.8	18.5	20.9	20.6	23.3
Djibouti	38.2	38.1	36.8	36.4	36.4	36.1	36.0	36.0	35.8
Dominica									
Dominican Republic	5.2	6.4	6.2	7.6	5.7	4.9	5.3	6.3	6.2
Ecuador	30.9	32.1	28.6	30.1	33.7	35.8	36.5	36.6	37.1
Egypt	24.4	27.6	29.7	32.5	31.5	31.2	30.2	17.9	18.4
El Salvador	7.1	9.9	10.8	9.4	9.1	9.3	9.0	8.7	8.9
Equatorial Guinea	40.1	43.9	43.6	42.6	41.8	41.0	40.6	40.0	39.4
Eritrea	50.2	51.1	50.8	50.1	49.8	49.8	49.7	49.7	49.7
Estonia	34.4	31.2	33.9	28.2	31.3	25.0	26.4	24.1	22.9
Eswatini	42.1	42.5	42.7	41.7	41.1	40.7	40.2	39.6	39.0
Ethiopia	39.4	42.8	42.1	40.9	40.9	40.9	40.9	41.0	40.8
Fiji	24.1	22.3	22.2	18.5	17.1	15.6	15.6	15.4	15.1
Finland	29.6	29.0	30.3	26.5	25.3	26.0	27.5	26.8	26.4
France	30.7	29.1	28.9	27.9	28.5	27.2	28.9	26.5	28.4
Gabon	56.4	55.4	54.2	55.4	55.4	55.1	54.9	54.9	54.7
Gambia	52.1	51.9	51.4	52.3	52.1	52.0	51.9	51.8	52.1
Georgia	51.7	49.8	48.9	49.7	50.2	49.0	48.7	50.1	49.5
Germany	34.9	32.7	33.3	32.7	31.8	31.7	32.2	31.6	32.1
Ghana	44.0	44.5	43.2	39.8	36.2	36.0	35.7	35.1	34.6
Greece	40.9	42.2	41.2	39.6	40.0	39.5	39.4	39.2	37.9
Grenada									
Guatemala	15.6	14.5	13.8	12.1	10.0	10.7	10.4	10.4	10.3
Guinea	57.0	57.3	57.0	56.8	56.6	56.5	56.4	56.2	56.0
Guinea-Bissau	52.4	52.4	52.2	52.0	51.5	51.4	51.0	51.0	50.6
Guyana	13.3	11.1	15.3	16.8	16.9	18.5	18.9	19.6	19.4
Haiti	27.1	25.7	23.0	22.6	22.4	21.9	21.5	21.2	21.0
Honduras	7.6	8.6	11.3	11.0	9.3	10.3	10.1	12.9	10.6
Hungary	23.2	24.7	23.6	25.8	24.7	25.7	25.6	25.4	27.2
Iceland	23.0	22.0	18.9	20.7	19.5	26.4	24.6	14.5	16.4
India	32.0	33.5	29.9	26.6	26.4	26.3	26.1	25.9	26.1
Indonesia	39.1	35.2	37.1	37.0	37.6	36.4	36.4	36.5	36.7
Iran (Islamic Republic of)	13.9	25.4	24.3	17.5	19.8	20.8	21.9	20.1	19.3
Iraq	9.9	11.0	11.4	11.3	11.7	12.4	8.7	8.7	8.8
Ireland	11.2	9.3	15.3	14.6	13.7	13.3	14.1	14.0	12.5

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

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Israel	24.8	24.6	24.4	25.0	27.8	25.8	23.5	24.1	24.0
Italy	30.6	30.4	29.3	27.7	27.2	27.1	26.1	26.8	25.8
Jamaica	18.0	19.6	19.4	18.5	19.2	22.7	24.1	24.4	24.2
Japan	44.1	42.0	40.2	38.2	38.1	37.6	37.9	38.0	38.7
Jordan	10.7	4.0	5.5	5.3	5.1	5.1	5.1	5.1	5.1
Kazakhstan	46.3	46.5	46.9	46.3	45.8	44.5	43.7	43.2	42.6
Kenya	58.2	52.5	52.8	53.1	53.2	53.2	53.3	53.5	53.7
Kiribati									
Kuwait	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.3
Kyrgyzstan	45.0	40.8	40.5	44.5	44.0	41.2	37.1	37.6	36.7
Lao People's Democratic Republic	52.5	52.6	51.7	50.9	50.8	50.7	50.8	50.9	50.8
Latvia	42.6	32.2	34.8	29.9	31.9	33.4	30.9	29.0	30.1
Lebanon	21.1	19.4	21.5	21.9	21.8	21.9	21.7	21.1	19.7
Lesotho	40.8	40.9	40.1	39.5	39.3	39.3	39.1	38.7	38.5
Liberia	49.3	48.5	47.0	46.2	46.1	45.9	45.8	45.8	45.3
Libya	30.6	34.6	35.9	31.2	30.0	29.4	30.2	30.7	30.7
Lithuania	40.2	39.5	38.7	37.5	37.3	35.5	35.5	33.1	32.8
Luxembourg	24.0	26.1	28.9	26.1	31.9	26.5	22.9	20.3	28.3
Madagascar	50.0	48.9	47.7	46.6	46.2	46.0	46.0	45.8	45.7
Malawi	53.3	52.8	52.2	51.6	51.7	51.8	51.8	51.9	52.1
Malaysia	27.4	24.3	22.0	24.0	24.0	22.8	22.6	21.9	22.0
Maldives	16.2	13.0	8.4	6.9	6.2	5.5	5.2	4.8	4.5
Mali	45.0	43.4	42.1	42.7	43.0	41.4	41.0	42.1	41.9
Malta	11.9	8.0	11.2	15.6	15.9	16.4	17.1	18.0	18.6
Marshall Islands									
Mauritania	25.3	24.3	23.6	22.8	22.7	22.4	22.1	21.9	21.8
Mauritius	25.3	29.5	31.0	28.8	28.3	26.7	25.8	25.1	25.3
Mexico	12.7	11.5	10.4	10.2	10.4	10.5	10.9	10.6	11.1
Micronesia (Federated States of)									
Mongolia	43.4	42.0	44.1	42.9	43.3	42.4	41.6	41.0	41.8
Montenegro	34.3	41.7	35.5	35.9	47.9	42.8	38.2	39.5	40.4
Morocco	32.4	36.2	39.8	38.8	38.3	37.5	37.1	37.3	37.4
Mozambique	61.9	61.5	60.6	59.6	59.3	59.3	59.2	59.2	59.2
Myanmar	38.5	39.1	39.8	40.1	40.3	38.3	36.3	36.2	34.9
Namibia	42.4	38.7	44.1	49.9	46.2	42.1	44.4	46.7	46.0
Nauru									
Nepal	54.7	55.3	56.6	62.1	63.3	63.7	64.1	64.2	64.2
Netherlands	31.0	27.9	27.2	27.7	29.8	28.0	29.6	28.4	30.7
New Zealand	30.4	32.4	29.8	29.9	30.7	31.6	32.2	30.8	30.5
Nicaragua	10.2	10.2	8.9	11.2	11.1	11.1	11.1	10.7	10.4
Niger	44.7	43.7	43.0	41.5	41.4	41.2	41.0	40.8	40.7
Nigeria	40.5	39.8	36.8	32.5	32.0	31.1	30.2	29.8	29.4
North Macedonia	39.1	38.8	38.0	39.3	39.2	37.2	38.3	37.2	37.5
Norway	25.2	22.8	19.2	21.6	21.6	22.3	21.6	24.3	24.1

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

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Oman	14.1	5.7	1.4	1.1	1.0	1.0	1.0	1.1	1.1
Pakistan	23.2	27.2	35.1	37.1	37.5	36.2	35.9	35.6	35.4
Palau									
Panama	3.7	10.1	15.9	19.8	20.8	22.5	23.3	22.4	23.2
Papua New Guinea	51.9	51.4	52.0	52.5	52.9	52.9	52.9	52.6	52.7
Paraguay	21.8	26.7	26.7	28.3	27.9	26.6	29.0	28.9	27.3
Peru	37.4	41.9	44.2	44.0	43.7	44.2	43.0	43.1	44.0
Philippines	24.5	25.4	25.6	26.2	25.8	25.2	23.0	22.8	23.4
Poland	44.1	42.6	43.6	39.8	40.1	39.6	38.6	39.0	39.1
Portugal	50.8	50.0	46.4	35.2	34.9	33.7	31.8	31.8	32.2
Qatar	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Republic of Korea	47.0	45.7	42.9	41.7	43.0	42.4	40.9	40.2	40.1
Republic of Moldova	50.8	50.7	44.0	42.9	43.2	44.8	42.6	41.1	39.5
Romania	49.6	46.2	46.1	45.5	43.5	42.4	42.7	43.2	42.7
Russian Federation	39.2	38.4	35.2	37.4	37.0	36.3	33.2	33.0	33.4
Rwanda	54.3	55.1	56.9	58.9	58.9	58.9	58.7	58.8	58.9
Saint Kitts and Nevis									
Saint Lucia	26.3	25.7	24.8	21.6	20.8	20.3	19.7	21.0	13.8
Saint Vincent and the Grenadines	19.9	20.3	19.4	18.6	18.5	18.4	18.3	18.2	18.0
Samoa	14.6	10.1	8.7	8.0	7.9	7.8	7.7	7.6	7.4
San Marino									
Sao Tome and Principe	21.8	18.0	16.8	15.9	15.7	15.5	15.3	15.1	14.8
Saudi Arabia	5.0	1.4	0.5	0.7	1.2	0.3	0.9	2.4	1.8
Senegal	31.3	31.5	32.3	34.1	34.4	34.0	33.7	33.3	33.1
Serbia	41.2	40.1	40.4	38.7	36.3	38.0	38.2	37.7	37.7
Seychelles									
Sierra Leone	52.8	51.9	49.8	48.4	47.8	47.7	47.5	47.5	47.5
Singapore	17.8	17.8	17.0	16.9	17.0	16.8	16.6	16.5	16.4
Slovakia	28.6	24.5	24.4	21.5	18.6	22.0	23.0	23.5	21.8
Slovenia	46.4	45.6	44.1	45.4	45.5	38.2	39.8	41.5	37.5
Solomon Islands	50.2	49.7	49.8	49.6	49.4	49.3	49.2	49.2	49.1
Somalia	23.7	23.2	23.1	23.7	23.9	24.1	24.2	24.3	24.5
South Africa	31.8	29.9	33.0	29.9	32.8	30.2	31.3	33.0	31.5
South Sudan	58.0	58.5	58.9	59.5	59.2	58.8	58.8	58.9	59.1
Spain	26.0	26.7	25.7	24.0	23.1	23.0	23.6	23.3	22.9
Sri Lanka	36.8	36.0	36.8	36.6	37.5	37.4	38.5	36.4	36.3
Sudan	33.1	34.0	33.0	34.3	34.8	35.3	35.6	35.6	35.3
Suriname	16.1	19.3	21.2	21.6	21.4	20.9	20.3	20.3	20.5
Sweden	23.6	21.5	21.6	22.0	24.0	25.5	26.6	23.2	19.7
Switzerland	36.5	33.0	35.2	35.0	38.8	39.5	38.6	39.2	35.7
Syrian Arab Republic	33.3	23.8	13.8	9.7	9.5	9.6	9.6	9.7	9.8
Tajikistan	47.9	49.7	46.5	49.6	50.4	51.2	50.8	50.5	50.3
Thailand	44.7	43.5	43.3	42.5	42.2	41.6	41.3	41.4	41.1
Timor-Leste	46.9	45.1	45.4	45.0	45.2	45.5	44.3	44.3	44.8

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

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Togo	48.1	47.2	46.3	46.1	44.4	42.7	40.9	40.6	40.5
Tonga	4.8	4.5	3.8	3.6	3.6	3.5	3.4	3.3	3.2
Trinidad and Tobago	15.5	16.6	21.2	14.9	16.8	20.9	19.5	18.9	18.7
Tunisia	27.2	28.4	27.8	18.0	16.7	18.4	16.9	16.6	16.3
Turkey	48.0	46.3	47.9	47.2	47.0	45.8	46.0	45.1	44.6
Turkmenistan	34.9	35.7	37.2	37.8	37.3	37.2	36.9	36.5	36.3
Tuvalu									
Uganda	51.9	52.2	52.1	52.0	52.1	52.2	52.1	52.3	52.4
Ukraine	47.9	47.9	47.1	42.3	41.2	40.6	40.8	40.1	39.2
United Arab Emirates	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
United Kingdom of Great Britain and Northern Ireland	23.0	24.3	23.1	26.4	26.4	25.9	26.1	27.0	26.3
United Republic of Tanzania	50.9	51.8	51.4	49.9	49.7	49.5	49.3	49.3	49.2
United States of America	23.9	24.5	24.2	23.7	24.1	24.6	24.1	25.4	25.7
Uruguay	20.5	20.0	19.1	20.3	22.4	21.3	19.8	20.0	20.3
Uzbekistan	40.1	39.5	37.9	38.3	38.3	38.1	38.5	37.7	37.2
Vanuatu	45.3	44.6	45.3	44.4	44.4	44.2	44.1	43.9	43.7
Venezuela (Bolivarian Republic of)	6.0	8.0	7.4	6.8	6.4	6.0	5.5	5.0	4.3
Viet Nam	49.1	49.9	50.1	49.8	49.3	49.7	49.4	49.4	49.3
Yemen	35.8	22.5	13.9	12.4	11.4	10.8	10.4	10.4	10.4
Zambia	52.9	52.5	53.5	53.5	53.3	53.1	52.9	52.7	52.6
Zimbabwe	55.1	56.2	55.1	53.9	53.8	53.7	53.5	53.3	53.1

Based on data available at <https://ilo.org/topics/employment/>

TABLE 11.
GROSS FIXED CAPITAL FORMATION (AGRICULTURE, FORESTRY AND FISHING) AS A SHARE OF VALUE ADDED (USD 2015 PRICES) (PERCENT)

COUNTRY	2000	2005	2010	2015	2016	2017	2018	2019	2020
World	14.6	14.9	16.0	16.5	16.4	16.2	15.9	16.0	16.0
Africa	11.6	10.6	11.1	11.8	11.6	11.4	10.7	10.2	10.2
Americas	17.1	17.8	19.8	20.4	19.3	18.5	18.5	18.9	18.9
Asia	10.9	11.4	13.2	14.2	14.4	14.3	13.8	14.1	14.1
Europe	27.5	28.8	29.4	27.9	28.3	29.4	30.2	29.8	30.3
Oceania	27.8	32.0	28.5	26.0	27.4	27.4	24.8	26.3	26.6
Afghanistan	12.1	9.5	9.8	5.7	6.1	5.7	5.9	5.4	4.9
Albania	13.4	13.6	13.7	13.9	14.0	14.0	13.9	13.9	13.2
Algeria	13.3	10.6	10.1	12.0	12.8	13.0	13.1	13.6	13.6
Andorra	12.0	14.9	13.1	11.5	11.3	11.0	11.3	11.4	11.4
Angola	13.2	7.4	8.5	9.6	9.4	8.0	7.8	8.8	8.4
Antigua and Barbuda	7.5	6.4	8.5	8.0	8.0	7.5	11.5	11.0	11.5
Argentina	10.6	15.3	19.5	15.3	20.0	18.2	23.9	20.5	21.3
Armenia	15.4	9.8	10.2	5.9	6.2	6.7	9.5	8.3	8.5
Australia	33.4	37.1	30.3	29.0	30.7	31.6	29.4	30.3	30.2
Austria	68.1	63.5	66.3	52.6	46.7	50.2	50.7	51.6	50.3
Azerbaijan	2.9	1.4	13.1	9.9	8.0	12.8	9.3	10.8	10.9
Bahamas	12.7	11.2	11.4	16.7	16.9	17.2	16.3	17.2	18.6
Bahrain	6.7	4.3	7.3	8.1	8.3	7.7	7.9	8.2	8.3
Bangladesh	5.8	6.4	7.1	8.7	8.7	9.3	9.5	9.9	10.0
Barbados	6.0	7.1	6.6	8.0	8.5	6.6	5.2	4.7	4.5
Belarus	13.3	37.4	95.2	45.7	35.5	41.2	42.1	46.5	47.8
Belgium	22.2	24.3	36.8	40.6	43.4	43.6	57.4	64.1	66.2
Belize	7.7	4.9	4.1	5.5	5.9	5.4	4.5	4.8	4.7
Benin	4.4	5.4	5.5	7.3	7.4	7.5	7.4	7.8	7.9
Bhutan	5.9	6.8	11.0	12.4	13.4	14.4	14.6	13.6	14.2
Bolivia (Plurinational State of)	10.5	9.2	10.6	12.8	14.9	16.0	16.0	16.0	16.4
Bosnia and Herzegovina	10.5	10.2	10.5	11.2	11.4	11.6	11.4	11.6	11.8
Botswana	4.8	4.0	5.1	8.0	8.7	8.0	8.2	8.5	8.9
Brazil	21.1	17.8	17.8	16.4	19.5	16.1	15.3	15.4	15.0
Brunei Darussalam	13.2	11.5	12.1	17.0	17.5	17.4	19.3	19.0	19.0
Bulgaria	6.7	10.8	20.6	38.5	25.6	27.7	30.7	26.1	28.4
Burkina Faso	4.1	4.4	4.3	5.9	5.9	6.1	7.9	7.9	8.1
Burundi	1.1	1.8	3.0	3.3	3.3	3.4	3.6	3.7	3.9
Cabo Verde	9.8	11.6	12.5	12.1	12.4	12.8	12.9	13.3	13.9
Cambodia	2.9	4.1	6.7	7.8	8.1	8.1	8.1	8.2	8.4
Cameroon	8.2	8.4	8.8	10.3	10.3	10.1	10.2	10.4	10.4
Canada	22.4	16.6	21.3	18.9	16.9	18.9	15.1	13.8	13.5
Central African Republic	6.2	5.6	4.2	3.4	3.5	3.7	3.5	3.6	3.2
Chad	1.7	4.0	4.7	6.4	4.7	5.6	5.9	4.6	4.8
Chile	19.7	15.1	18.2	15.3	17.0	15.6	14.3	14.9	14.6
China, mainland	9.4	10.5	12.6	14.5	14.6	13.7	13.2	13.6	13.6
Colombia	5.5	6.7	7.6	5.6	7.2	7.7	8.2	9.1	9.2
Comoros	9.2	5.7	4.8	6.8	6.4	5.8	6.4	6.4	6.4

TABLE 11.

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

COUNTRY	2000	2005	2010	2015	2016	2017	2018	2019	2020
Congo	17.2	12.2	9.1	13.0	12.3	12.1	12.4	11.5	11.1
Costa Rica	16.0	11.9	10.4	15.1	15.9	15.1	14.4	12.9	12.4
Côte d'Ivoire	5.3	5.8	9.7	10.7	14.2	15.1	18.3	18.7	19.3
Croatia	12.4	12.4	13.1	17.3	17.3	17.9	17.7	17.9	18.4
Cuba	4.8	5.1	6.5	7.8	7.5	7.1	6.4	7.3	7.4
Cyprus	19.7	12.6	7.2	3.7	5.8	7.0	7.6	6.2	5.0
Czechia	19.0	17.1	28.6	30.1	36.5	41.2	38.3	36.5	37.7
Democratic People's Republic of Korea									
Democratic Republic of the Congo	1.9	3.1	3.0	5.8	6.7	7.6	7.9	5.8	5.8
Denmark	68.8	70.8	47.9	49.8	52.6	51.5	50.4	50.9	51.2
Djibouti	0.8	2.7	2.7	8.2	10.8	9.1	7.2	7.1	7.5
Dominica	4.4	5.0	6.2	5.3	6.2	6.2	6.0	7.0	7.3
Dominican Republic	20.3	17.6	15.6	15.5	16.6	14.6	14.1	14.3	14.1
Ecuador	6.3	4.5	4.6	4.8	4.4	4.0	4.1	4.2	3.9
Egypt	15.9	4.8	2.9	3.5	3.8	4.2	4.9	4.1	4.0
El Salvador	13.2	13.5	13.0	15.0	14.5	14.9	14.6	15.8	16.1
Equatorial Guinea	6.7	16.1	14.2	11.3	10.4	11.1	10.7	10.8	11.3
Eritrea	5.5	6.2	4.7	4.9	5.4	4.8	5.0	5.2	5.2
Estonia	31.2	67.0	39.7	41.3	54.4	54.6	101.5	56.4	60.9
Eswatini	10.2	11.2	13.7	13.8	15.6	15.6	19.3	14.8	14.8
Ethiopia	2.0	2.1	3.4	6.7	7.3	7.6	7.5	10.0	9.9
Fiji	5.8	6.8	3.3	4.7	7.8	7.3	7.0	8.2	8.3
Finland	44.1	46.7	37.8	28.4	28.0	29.3	30.7	31.7	31.8
France	42.0	36.9	34.6	32.9	34.7	31.7	32.1	33.1	32.5
Gabon	9.2	7.7	9.5	11.1	12.0	9.9	9.5	8.3	8.2
Gambia	3.7	4.4	5.0	4.1	4.4	4.9	6.3	6.6	6.8
Georgia	8.8	9.7	6.9	8.0	8.2	8.6	8.1	9.4	9.4
Germany	42.7	47.2	39.3	46.1	43.9	47.1	55.2	52.7	53.7
Ghana	12.4	9.7	12.4	10.1	12.4	15.0	13.6	13.4	13.7
Greece	22.0	29.1	30.0	21.3	26.8	23.5	25.4	25.3	27.2
Grenada	8.0	10.6	9.0	5.9	5.0	6.0	7.2	7.4	7.4
Guatemala	13.2	12.1	11.7	11.7	11.4	11.8	11.7	12.0	12.0
Guinea	6.9	6.8	11.7	12.5	13.1	16.8	16.6	12.7	13.1
Guinea-Bissau	2.3	2.2	3.0	4.0	4.3	5.1	5.1	5.4	5.6
Guyana	7.9	8.6	8.3	7.0	7.2	7.7	6.2	6.3	6.2
Haiti	6.6	5.4	8.4	6.6	7.0	7.8	7.8	8.7	9.1
Honduras	8.4	8.7	7.9	8.5	8.0	8.1	7.6	7.2	7.2
Hungary	26.3	16.1	23.1	22.0	17.5	21.3	23.1	25.9	26.1
Iceland	21.1	16.4	12.8	26.7	26.6	29.5	20.0	19.0	20.1
India	6.9	9.1	13.0	12.9	14.0	13.5	13.8	14.5	14.7
Indonesia	14.1	13.0	14.3	15.3	15.2	15.5	15.4	15.2	15.2
Iran (Islamic Republic of)	7.2	6.6	9.3	9.2	8.4	8.3	8.1	7.4	7.4
Iraq	1.9	2.5	3.4	2.6	4.5	10.1	7.0	5.2	5.2
Ireland	40.2	40.5	30.8	43.9	38.2	36.9	44.8	39.0	40.1

TABLE 11.

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

COUNTRY	2000	2005	2010	2015	2016	2017	2018	2019	2020
Israel	30.6	22.8	22.5	20.1	17.6	18.8	16.2	18.1	17.8
Italy	30.9	33.6	26.4	21.1	22.6	26.9	29.2	29.6	30.1
Jamaica	4.4	5.4	3.8	4.1	3.6	4.0	3.9	4.1	4.1
Japan	32.4	32.5	22.7	27.8	25.4	35.5	27.5	30.5	27.4
Jordan	15.5	4.0	2.9	5.1	8.7	13.2	11.4	14.6	14.4
Kazakhstan	5.9	6.6	7.7	8.8	8.3	8.5	8.5	9.4	9.4
Kenya	2.9	2.6	4.9	7.5	7.8	9.5	9.3	9.5	9.7
Kiribati	4.4	4.9	4.7	5.2	5.6	6.6	6.4	6.1	6.3
Kuwait	20.7	14.4	8.1	4.5	25.2	20.7	18.8	17.6	18.0
Kyrgyzstan	4.6	8.1	4.6	5.4	3.7	3.9	6.6	6.7	6.7
Lao People's Democratic Republic	7.6	5.8	7.6	9.1	10.4	10.1	9.8	10.9	11.0
Latvia	10.7	60.8	38.7	39.1	55.7	58.7	76.6	70.2	74.9
Lebanon	5.1	5.6	11.2	10.8	9.2	7.9	9.3	9.7	9.8
Lesotho	3.8	5.0	7.1	9.4	8.7	9.4	10.5	10.6	11.2
Liberia	3.1	2.4	2.8	4.4	6.1	6.3	6.2	4.7	4.9
Libya	93.6	19.9	16.8	21.0	27.6	22.2	18.7	19.3	22.2
Lithuania	22.2	37.0	43.6	50.1	56.3	55.2	63.8	50.7	58.3
Luxembourg	40.2	112.2	117.3	72.3	94.5	124.1	139.7	139.5	177.8
Madagascar	3.9	3.6	4.1	5.0	5.4	5.4	5.1	5.1	5.2
Malawi	2.7	3.8	3.8	4.3	4.1	4.3	4.3	4.5	4.5
Malaysia	17.4	18.4	25.5	25.3	28.0	28.6	26.7	26.4	26.6
Maldives	1.1	2.0	3.0	6.7	7.0	6.5	7.8	7.5	7.9
Mali	3.4	4.2	4.8	5.9	5.8	5.3	5.3	5.3	5.3
Malta	10.0	19.0	33.5	19.7	14.7	22.9	22.0	24.0	25.3
Marshall Islands	7.3	7.9	13.5	7.3	9.5	10.6	9.0	8.9	9.0
Mauritania	5.1	6.3	6.8	8.7	9.5	10.1	9.6	7.5	8.0
Mauritius	13.0	34.8	16.3	15.0	13.4	12.3	12.6	13.7	13.7
Mexico	3.2	2.7	2.5	3.3	3.3	3.3	3.4	3.4	3.5
Micronesia (Federated States of)	9.9	10.0	10.8	9.2	10.2	10.9	8.8	10.1	10.0
Mongolia	28.0	21.8	19.5	31.7	29.3	30.2	26.4	23.8	24.1
Montenegro	7.3	6.8	10.3	10.5	11.8	12.4	12.9	12.9	13.2
Morocco	17.8	16.7	18.3	19.5	21.7	18.3	19.2	21.4	21.3
Mozambique	2.5	3.8	5.7	5.7	6.0	6.8	5.3	6.3	6.3
Myanmar	3.4	4.8	6.4	8.0	8.2	8.3	8.4	9.1	9.2
Namibia	10.4	7.1	21.0	42.3	32.1	22.1	26.6	26.4	27.2
Nauru	3.5	3.3	6.0	6.4	7.5	7.7	6.6	6.8	7.7
Nepal	5.6	5.3	6.4	6.3	5.3	6.4	6.5	6.5	6.5
Netherlands	42.6	37.9	41.4	40.1	35.9	37.3	40.6	43.2	43.6
New Zealand	19.1	21.4	28.9	26.7	23.1	28.9	25.1	29.0	30.0
Nicaragua	8.6	8.1	8.2	11.9	10.6	10.5	9.9	9.2	9.2
Niger	3.6	4.9	3.8	2.3	1.9	1.8	2.0	2.1	2.1
Nigeria	20.3	15.1	19.4	18.6	16.8	15.5	13.1	11.3	11.2
North Macedonia	4.7	3.4	3.9	7.1	6.3	7.0	8.4	10.7	10.9
Norway	44.0	32.7	28.1	26.6	32.6	35.2	28.9	29.2	28.3

TABLE 11.

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

COUNTRY	2000	2005	2010	2015	2016	2017	2018	2019	2020
Oman	7.5	4.7	3.2	2.0	2.1	1.4	1.1	2.2	2.0
Pakistan	13.5	13.5	12.2	12.6	13.2	13.7	14.1	13.7	13.4
Palau	9.9	6.7	3.6	5.3	5.4	4.7	5.0	5.3	5.4
Panama	8.6	7.4	9.3	13.0	12.6	12.3	11.5	10.4	10.4
Papua New Guinea	5.2	5.5	8.8	7.2	7.6	7.8	7.3	7.6	7.7
Paraguay	9.0	9.3	9.5	7.3	8.2	7.5	7.2	7.2	7.1
Peru	6.4	6.5	9.1	10.0	9.8	9.7	9.2	9.4	9.4
Philippines	8.0	7.8	9.8	12.4	14.4	15.4	16.4	15.4	15.8
Poland	29.5	27.0	27.6	45.7	41.8	40.1	40.0	40.6	43.7
Portugal	29.6	29.3	28.1	29.5	28.3	29.9	30.1	29.3	30.1
Qatar									
Republic of Korea	28.0	20.4	16.2	15.3	15.9	16.9	14.5	12.2	11.0
Republic of Moldova	3.3	1.6	6.8						
Romania	5.9	11.9	21.7	26.4	26.7	16.5	24.2	19.7	21.3
Russian Federation	8.3	14.1	17.1	16.4	17.5	19.1	18.4	16.4	17.2
Rwanda	3.1	3.8	4.6	6.1	6.1	6.6	6.3	6.7	6.8
Saint Kitts and Nevis	17.5	9.9	10.1	9.0	9.8	8.7	9.3	8.9	8.7
Saint Lucia	4.2	7.4	9.5	5.8	6.0	5.8	5.9	7.0	7.9
Saint Vincent and the Grenadines	4.6	5.3	6.5	4.8	7.2	5.4	5.5	5.6	5.7
Samoa									
San Marino									
Sao Tome and Principe	5.0	9.8	5.5	4.6	5.3	5.4	5.7	6.4	6.4
Saudi Arabia	9.0	9.9	10.5	12.2	11.6	11.4	10.9	10.8	10.9
Senegal	4.9	6.1	6.7	8.9	9.6	10.3	10.3	10.0	10.3
Serbia	20.5	10.0	12.6	14.9	13.3	14.0	13.3	14.1	13.7
Seychelles	7.1	6.1	7.5	7.8	7.8	7.1	5.9	6.9	6.5
Sierra Leone	2.7	2.9	3.3	4.7	4.2	4.5	3.9	3.9	3.9
Singapore	42.6	50.8	50.5	49.1	49.2	50.5	51.2	50.3	52.2
Slovakia	88.0	46.9	42.1	28.4	26.8	34.0	27.2	30.6	29.7
Slovenia	29.7	34.4	29.1	34.9	38.3	45.5	43.3	45.8	46.2
Solomon Islands	3.7	7.3	8.4	7.9	8.7	7.9	7.4	7.3	7.4
Somalia	5.1	4.7	5.0	5.3	5.3	5.3	5.3	5.3	5.3
South Africa	20.4	26.7	21.6	24.8	28.8	23.4	22.7	21.7	21.4
South Sudan									
Spain	14.7	18.2	16.7	15.5	18.6	21.2	19.7	20.7	20.9
Sri Lanka	15.1	17.1	20.0	22.7	22.3	25.5	25.0	23.4	24.0
Sudan									
Suriname	20.8	14.0	10.0	10.2	10.5	11.3	11.2	9.8	9.4
Sweden	42.7	47.9	51.4	37.7	40.0	39.4	41.9	40.2	40.6
Switzerland	39.9	37.9	35.5	41.6	40.2	40.8	37.7	36.7	36.7
Syrian Arab Republic	9.4	12.5	11.9	12.5	14.0	11.6	10.2	10.7	10.3
Tajikistan	11.3	13.2	6.6	7.7	8.0	8.7	10.6	10.1	9.5
Thailand	11.2	14.3	18.0	17.3	17.7	17.4	16.8	17.7	17.5
Timor-Leste	8.9	6.6	12.1	12.0	12.4	11.7	11.7	10.1	10.2

TABLE 11.
GROSS FIXED CAPITAL FORMATION (AGRICULTURE, FORESTRY AND FISHING) AS A SHARE OF VALUE ADDED (USD 2015 PRICES) (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2016	2017	2018	2019	2020
Togo	8.4	9.4	4.6	5.3	5.6	5.4	5.9	5.9	5.8
Tonga	11.8	12.4	13.1	14.1	16.5	18.5	16.1	18.8	19.1
Trinidad and Tobago	0.2	0.4	1.1	2.2	2.9	3.0	3.6	3.2	3.9
Tunisia	14.2	20.2	19.2	13.8	15.5	14.4	14.8	13.9	13.9
Turkey	14.8	18.0	19.1	18.3	17.5	17.5	16.4	16.9	17.0
Turkmenistan	9.0	7.0	14.5	13.8	14.2	13.9	13.7	13.7	13.7
Tuvalu	4.3	3.2	7.5	6.9	9.1	6.1	9.2	7.6	8.1
Uganda	3.9	4.7	7.0	8.6	8.8	9.9	8.5	7.9	8.1
Ukraine	15.8	15.5	13.9	11.7	11.4	11.8	11.4	11.4	11.6
United Arab Emirates	8.6	9.3	9.0	13.2	13.7	13.5	13.1	13.8	14.0
United Kingdom of Great Britain and Northern Ireland	33.7	38.6	40.8	35.5	37.9	37.3	38.6	35.6	35.7
United Republic of Tanzania	3.4	3.4	4.7	7.1	8.0	8.6	8.4	8.3	8.5
United States of America	26.0	28.8	30.6	32.9	27.5	27.7	28.1	29.3	28.8
Uruguay	6.2	7.4	17.5	15.6	14.2	13.9	11.5	14.6	14.8
Uzbekistan	7.9	7.4	7.4	7.0	6.4	6.9	6.8	6.3	6.4
Vanuatu	7.4	6.6	9.8	12.3	10.8	12.5	13.8	12.0	12.4
Venezuela (Bolivarian Republic of)	7.0	7.1	14.4	11.8	10.6	6.3	6.6	6.9	
Viet Nam	3.9	4.9	8.1	11.1	12.6	12.8	13.3	14.0	14.3
Yemen	37.5	41.4	38.0	7.8	6.7	9.7	28.7	28.2	28.2
Zambia	9.4	14.2	16.9	15.7	16.8	10.7	9.2	9.7	10.4
Zimbabwe	7.8	177.9	7.0	12.0	13.1	12.8	10.2	13.5	12.5

Based on data available at <http://www.fao.org/faostat/en/#data/CS>

TABLE 12.

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

COUNTRY	2001	2005	2010	2014	2015	2016	2017	2018	2019
World									
Africa									
Americas									
Asia									
Europe									
Oceania									
Afghanistan		4.7	4.7	1.7	4.1	3.4	3.2		
Albania			2.1	2.1	2.5	3.4	2.3	2.6	2.1
Algeria									
Andorra									
Angola	1.2	1.7	1.1	0.8	0.8	0.7	0.5	0.4	1.3
Antigua and Barbuda				1.0	0.7	1.3	0.9	0.8	0.6
Argentina	0.9	0.6	2.5	0.7	0.7	0.6	0.6	0.4	0.4
Armenia			4.3	1.7	2.4	3.3	2.5	1.8	2.0
Australia	1.0	0.8	0.8	0.6	0.6	0.6	0.6	0.5	0.6
Austria									
Azerbaijan			3.0	2.6	2.9	3.2	2.6	3.7	3.6
Bahamas	1.2	1.2	0.9	0.7	0.9	1.2	1.1	1.2	1.1
Bahrain	0.5	0.4		0.3	0.3	0.2	0.2	0.2	
Bangladesh	4.6	5.4		8.6	7.8	5.7			
Barbados		2.2							
Belarus	11.3	14.3	11.0	6.7	7.4	7.3	5.8	5.2	6.1
Belgium	0.2	0.1	0.0	0.0	0.0				
Belize									
Benin									
Bhutan	7.0	11.0	11.0	13.2	11.4	12.6	12.8	10.9	
Bolivia (Plurinational State of)	9.2	9.1	5.5	6.1					
Bosnia and Herzegovina									
Botswana		3.1	3.0	4.2	4.2	5.1	2.2	3.5	4.4
Brazil			1.1	1.1	0.9	1.0	0.9	0.8	0.8
Brunei Darussalam									
Bulgaria	2.5	4.0	1.5	3.7	5.3	3.3	3.4	3.3	3.1
Burkina Faso		0.1	2.6				3.4	4.0	3.3
Burundi			1.1		2.4	2.1	3.4	3.2	3.1
Cabo Verde	9.1	4.9	4.7	3.4	5.3	2.5	2.4	2.9	
Cambodia									
Cameroon									
Canada			1.5	1.2	1.0	1.2	1.0	1.1	
Central African Republic			1.8						
Chad									
Chile	1.9	2.0	1.7	1.6	1.6	1.6	1.6	1.5	1.5
China									
Colombia									
Comoros									

TABLE 12.
SHARE OF CENTRAL GOVERNMENT EXPENDITURE ON AGRICULTURE, FORESTRY AND FISHING IN TOTAL OUTLAYS (PERCENT) (CONTINUED)

COUNTRY	2001	2005	2010	2014	2015	2016	2017	2018	2019
Congo		1.4	2.4						
Costa Rica	2.5	3.2	10.3	1.9	1.9	1.8	1.5	1.7	1.5
Côte d'Ivoire			2.1	4.7	2.9	2.9	1.9	1.7	
Croatia	3.7	3.8	4.5	2.7	2.6	2.5	2.6	2.9	
Cuba					4.7	4.4	4.7	5.6	5.0
Cyprus	6.1	3.8	2.5	1.8	2.2	2.6	1.9	1.6	
Czechia	3.0	3.6	4.2	3.9	3.3	4.0	4.0	1.5	
Democratic People's Republic of Korea									
Democratic Republic of the Congo			1.8		2.8	1.7	1.3	0.8	
Denmark	0.3	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.5
Djibouti									
Dominica									
Dominican Republic				1.9	1.7	1.8	1.6	1.5	1.6
Ecuador	0.6	0.7	1.8	2.1	2.5				
Egypt		2.5	1.9						
El Salvador	2.4	1.5	1.8	1.8	1.8	1.0	1.4	1.7	0.9
Equatorial Guinea									
Eritrea									
Estonia	2.4	1.9	1.8	1.6	1.5	1.5	1.7	1.4	1.3
Eswatini			5.4	2.5	2.1	1.9			
Ethiopia	4.0	15.9		7.2	7.2	8.6	8.8	3.6	3.5
Fiji		3.1	2.8	4.2	5.0	4.1	4.4	4.7	5.2
Finland	5.8	5.5	4.6	3.8	3.5	3.4	3.5	3.5	
France	0.6	0.7	0.6	0.6	0.7	0.6	0.8	0.6	0.5
Gabon									
Gambia							1.8	0.9	1.1
Georgia		2.0	0.4	2.7	2.3	2.4	2.0	1.7	2.5
Germany									
Ghana	0.9				0.6	1.1	1.9	2.1	2.5
Greece			0.3	0.4	0.6	0.6	0.6	0.7	0.7
Grenada				3.6	3.5	3.1	1.5	1.6	1.3
Guatemala	3.2	3.0	2.3	3.0	1.8	1.8	2.2	1.7	1.6
Guinea					4.9	3.2	4.8	4.8	2.4
Guinea-Bissau			14.5	2.9	4.6				
Guyana			6.5	9.4	12.7	10.1	8.9	9.7	
Haiti									
Honduras									
Hungary	5.3	3.8	1.4	1.7	1.5	1.4	1.5	1.3	
Iceland	4.7	4.0	2.9	2.7	2.6	2.2	2.5	2.3	2.3
India	5.0	5.0	7.5	5.9	8.9	5.3	5.1	4.8	
Indonesia		1.4	0.9	0.8	3.1	1.6	4.3	4.2	3.9
Iran (Islamic Republic of)		4.3							
Iraq									
Ireland	3.3	1.9	0.8	1.0	1.1	1.1	1.1	1.1	

TABLE 12.

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

COUNTRY	2001	2005	2010	2014	2015	2016	2017	2018	2019
Israel	0.8	0.5	0.4	0.6	0.5	0.4	0.5	0.6	0.5
Italy	1.3	0.6	0.6	0.5	0.3	0.3	0.3	0.3	0.4
Jamaica	1.1	1.2	1.4	2.2	1.6				
Japan									
Jordan	3.5	2.0	0.8	0.7	0.8	0.7	0.7	0.8	0.7
Kazakhstan		3.7	4.7	2.3	2.4	1.9	1.7	1.4	1.8
Kenya	4.8	3.9	3.9	2.7	1.5	1.5	1.8	1.7	1.8
Kiribati									
Kuwait	0.6	0.7		0.5	0.5				
Kyrgyzstan	4.6		2.0	1.5	1.8	1.7	1.5	2.1	
Lao People's Democratic Republic									
Latvia			5.8	2.4	1.7	2.0	2.3	2.3	2.4
Lebanon	0.3	0.3		0.3	0.4	0.4	0.3	0.3	0.2
Lesotho	4.4	3.3							2.9
Liberia		1.3	2.3						
Libya									
Lithuania		4.2	3.7	2.9	3.4	2.9	2.5	1.5	
Luxembourg	1.4	1.3	1.2	0.9	1.0	0.8	0.8	0.9	0.9
Madagascar	9.8	9.5	3.9	4.5	3.3	3.3	3.9	4.5	4.4
Malawi	6.9	14.7	17.8	17.1	24.7	14.8	16.1		
Malaysia	2.9	3.4	3.2	3.2	3.1	2.9	2.6	2.4	1.8
Maldives	1.3	1.1			0.2	0.1	0.1	0.3	
Mali	14.1	17.7						7.1	9.2
Malta	1.7	2.8	2.0	1.2	1.3	1.1	0.9	1.2	1.0
Marshall Islands			2.4	2.7	2.5	2.7	1.6	4.7	
Mauritania									
Mauritius	4.6	3.7	4.0	2.3		2.2	1.9	2.1	2.3
Mexico				2.8	2.6	2.3	1.7	1.8	1.3
Micronesia (Federated States of)			2.9	6.6	1.8	5.8	5.4	4.5	
Mongolia	3.8		6.4		1.6	1.0	1.4	1.6	
Montenegro			0.7	0.5	0.6				
Morocco			0.3						
Mozambique	5.3	4.6	4.6	1.4	1.9	1.4	1.1	1.1	1.4
Myanmar				6.8	6.1	5.5	4.4	6.3	6.0
Namibia	5.3	5.1	3.3	2.2	2.0	4.5	4.0	3.3	2.1
Nauru									
Nepal		8.2	8.6	9.3	8.9	9.5	10.6	6.6	4.5
Netherlands	1.3	0.8	0.7	0.6	0.5	0.6	0.4	0.4	0.4
New Zealand		1.4							
Nicaragua									
Niger				7.4	6.0	6.3			
Nigeria		4.0	2.5						
North Macedonia									
Norway	3.0	2.0	1.8	1.6	1.5	1.5	1.5	1.8	1.5

TABLE 12.
SHARE OF CENTRAL GOVERNMENT EXPENDITURE ON AGRICULTURE, FORESTRY AND FISHING IN TOTAL OUTLAYS (PERCENT) (CONTINUED)

COUNTRY	2001	2005	2010	2014	2015	2016	2017	2018	2019
Oman	0.8	0.7	0.8	0.6	0.4	0.4	0.4	1.9	
Pakistan	0.6	0.3	3.1	0.6	0.7	1.1	0.7	0.5	0.1
Palau			0.6	0.4	0.5	0.5	0.5	0.6	
Panama	2.7	1.7	1.7	1.7	1.9	1.7	1.7	2.3	
Papua New Guinea	2.3						1.2	1.1	1.3
Paraguay			3.1	1.9	2.4	2.8	2.5	1.3	
Peru					1.8	1.7	1.4	1.3	1.4
Philippines	4.4	4.2	5.9	4.3	4.1	4.1	3.8	3.1	2.4
Poland	2.5	3.4	2.6	1.6	1.5	1.7	1.6	2.2	2.0
Portugal	2.5	1.5	0.9	0.9	0.8	0.6	0.6	0.6	0.6
Qatar		1.9							
Republic of Korea	5.7	4.5	4.5	3.7	4.1	4.0	1.3	1.3	
Republic of Moldova	1.4	6.3	4.5	5.0	7.3	4.0	4.5	3.7	3.4
Romania				3.2	2.9	2.5	2.8	2.8	2.4
Russian Federation	1.8	1.0	0.4	1.4	1.8	1.8	1.7	1.8	
Rwanda			3.9			3.0	3.0	3.8	5.1
Saint Kitts and Nevis									
Saint Lucia							2.7	2.1	2.2
Saint Vincent and the Grenadines					2.6	2.2	2.2	2.2	2.0
Samoa			2.1	1.8	3.6	2.4	7.0	3.6	3.9
San Marino									
Sao Tome and Principe			3.3	9.4	4.3	4.0	4.6		
Saudi Arabia									
Senegal									
Serbia	3.2	3.0							
Seychelles			1.5	1.6	2.3	2.6		3.3	
Sierra Leone				0.1					
Singapore	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2
Slovakia	3.3	6.4	6.6	1.2	1.4	1.1	1.0	1.1	
Slovenia	3.1	2.2	1.5	1.3	1.7	1.4	1.1	1.7	2.0
Solomon Islands				3.5	3.7	3.7	3.7	3.7	3.7
Somalia							1.1	1.2	1.3
South Africa	1.9	2.1	2.1	1.6	1.5	1.3	1.4	2.2	
South Sudan									
Spain	0.4	0.4	0.2	0.2	0.2	0.2	0.1	0.2	0.2
Sri Lanka	3.6	4.0	5.3	5.7	6.3	5.6	5.3	4.5	4.6
Sudan								2.5	
Suriname				3.9	3.0	4.8	0.9	1.7	
Sweden	0.6	0.7	0.6	0.5	0.4	0.4	0.4	0.5	0.5
Switzerland	7.8	7.1	5.9	5.6	5.5	5.3	5.3	5.2	5.1
Syrian Arab Republic									
Tajikistan									
Thailand	7.4	5.2	3.9	7.5	7.6	6.7	5.8	6.5	7.0
Timor-Leste			2.1	3.0	2.2				

TABLE 12.
SHARE OF CENTRAL GOVERNMENT EXPENDITURE ON AGRICULTURE, FORESTRY AND FISHING IN TOTAL OUTLAYS (PERCENT) (CONTINUED)

COUNTRY	2001	2005	2010	2014	2015	2016	2017	2018	2019
Togo				5.8	7.2	6.1	8.0	5.7	
Tonga									
Trinidad and Tobago	3.1	3.4	1.6	0.9	1.1	1.1	1.1	1.2	
Tunisia	9.9	6.6	5.6	3.5	4.7	4.5	4.0		
Turkey				4.1	4.4	4.2	3.8	3.9	3.5
Turkmenistan									
Tuvalu									
Uganda	4.0	3.1	4.8	4.5	3.9	4.0	5.2	3.3	3.3
Ukraine	2.5	3.3	2.4	1.3	0.9	0.6	1.3	1.4	1.3
United Arab Emirates				0.0	0.0			0.0	
United Kingdom of Great Britain and Northern Ireland	0.9	0.6	0.4	0.3	0.3	0.3	0.3	0.3	0.3
United Republic of Tanzania		4.6	3.5	2.2	1.7	1.1	1.8	1.2	1.5
United States of America	2.5	1.9	1.0	0.8	0.9	0.9	0.9	0.9	1.2
Uruguay		2.3							
Uzbekistan				8.9	12.9	9.6	8.8	7.0	5.7
Vanuatu		2.7	2.2						
Venezuela (Bolivarian Republic of)									
Viet Nam			2.2	3.4					
Yemen		1.0	0.7	0.8					
Zambia	1.4	4.5	6.6	8.4	10.3	6.8	7.9	5.3	5.4
Zimbabwe				11.2					

Based on data available at <http://www.fao.org/faostat/en/#data/IG>

TABLE 13.
PESTICIDE USE (TONNES)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
World	3 082 416	3 452 191	4 014 569	4 165 398	4 127 528	4 160 980	4 185 592	4 141 023	4 190 985
Africa	63 873	71 280	84 706	98 734	99 223	97 450	102 100	107 023	107 864
Americas	893 710	1 069 296	1 277 525	1 330 973	1 332 665	1 319 146	1 338 328	1 306 782	1 363 996
Asia	1 642 107	1 819 577	2 156 871	2 174 335	2 151 365	2 173 387	2 185 233	2 177 222	2 171 017
Europe	444 951	452 835	447 148	505 258	487 109	501 331	490 260	480 270	478 389
Oceania	37 775	39 203	48 319	56 098	57 166	69 666	69 671	69 726	69 719
Afghanistan									
Albania	308	365	590	457	538	584	615	442	730
Algeria	2 537	2 811	1 870	7 152	4 517	4 153	6 067	6 067	6 067
Andorra									
Angola	40	40	40	40	40	40	40	40	40
Antigua and Barbuda	8	8	8	27	27	27	27	27	27
Argentina	84 189	138 669	235 739	207 706	203 807	199 908	196 009	172 928	204 559
Armenia	70	221	279	447	488	530	572	614	527
Australia	33 475	34 310	42 169	49 857	50 922	63 416	63 416	63 416	63 416
Austria	3 563	3 404	3 692	3 381	3 787	3 662	4 656	5 295	4 963
Azerbaijan	149	149	334	532	530	543	543	543	543
Bahamas	461	436	87	118	178	178	178	178	178
Bahrain	9	13	10	9	9	9	9	9	9
Bangladesh	3 170	8 091	13 251	15 857	13 364	14 388	15 144	15 144	15 144
Barbados	168	168	168	168	168	168	168	168	168
Belarus	4 897	4 897	4 897	4 971	3 564	3 257	3 557	3 786	4 171
Belgium	9 560	9 776	4 645	6 490	6 866	6 961	6 492	6 638	6 130
Belize	1 296	960	700	880	1 067	1 259	1 177	1 384	1 384
Benin									
Bhutan	3	2	7	3	11	26	28	38	35
Bolivia (Plurinational State of)	3 771	7 146	12 969	16 473	15 962	16 392	21 070	20 549	17 453
Bosnia and Herzegovina									
Botswana	17	17	17	17	17	17	17	17	17
Brazil	140 423	232 232	342 580	352 336	395 646	377 176	377 176	377 176	377 176
Brunei Darussalam	2	2	38	21	21	21	21	21	21
Bulgaria	2 876	2 232	1 589	1 001	1 542	3 759	3 384	5 067	6 663
Burkina Faso	77	93	443	843	843	843	843	843	843
Burundi	110	305	265	74	73	50	50	50	50
Cabo Verde	7	5	5	5	5	5	5	5	5
Cambodia									
Cameroon	545	2 259	3 475	5 484	5 843	4 836	7 073	7 073	7 073
Canada	39 667	36 363	61 050	76 314	75 318	90 926	98 304	87 632	87 632
Central African Republic	23	23	23	23	23	23	23	23	23
Chad	42	42	42	42	42	42	42	42	42
Chile	14 265	9 831	9 831	9 831	9 831	9 831	9 831	9 831	9 831
China	1 288 619	1 469 312	1 765 901	1 815 690	1 772 421	1 772 641	1 773 679	1 773 689	1 773 676
Colombia	75 843	117 881	48 618	73 744	33 689	32 392	37 699	37 773	69 862

TABLE 13.
PESTICIDE USE (TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Comoros	1	1	0	0	0	0	0	0	0
Congo	10	6	1	1	1	1	1	1	1
Costa Rica	17 179	11 309	14 242	12 104	11 868	11 633	11 397	10 285	11 866
Côte d'Ivoire	93	93	93	93	93	93	93	93	93
Croatia	2 661	2 053	1 540	2 109	2 301	1 854	1 570	1 677	1 558
Cuba									
Cyprus	694	620	620	1 047	999	638	1 083	1 187	1 234
Czechia	4 533	5 385	4 957	4 683	4 473	4 433	4 433	4 092	3 908
Democratic People's Republic of Korea									
Democratic Republic of the Congo									
Denmark	3 174	3 246	3 894	1 780	2 594	2 559	2 630	2 629	2 629
Djibouti									
Dominica									
Dominican Republic	5 082	3 516	6 317	6 587	5 028	5 874	6 815	7 069	7 069
Ecuador	17 948	18 391	31 637	33 574	44 565	39 240	37 808	37 408	34 081
Egypt	4 931	5 471	11 590	11 363	8 044	8 414	9 988	11 352	13 178
El Salvador	2 699	1 923	3 599	5 638	1 747	1 419	686	245	245
Equatorial Guinea									
Eritrea	25	28	28	28	28	28	28	28	28
Estonia	315	386	514	597	594	712	674	636	636
Eswatini									
Ethiopia	602	1 401	4 128	4 128	4 128	4 128	4 128	4 128	4 128
Fiji	341	467	690	769	769	769	769	769	769
Finland	1 147	1 431	1 747	1 617	1 725	1 598	1 353	1 272	1 351
France	97 878	78 265	61 903	75 339	66 897	72 065	70 604	85 072	85 072
Gabon									
Gambia	274	813	588	588	588	588	588	588	588
Georgia	3 081	3 081	3 081	3 081	1 351	1 481	1 738	2 237	2 566
Germany	35 273	36 386	40 832	45 836	48 132	46 921	48 347	44 986	45 238
Ghana	82	174	1 389	5 401	8 884	9 287	9 689	9 689	9 689
Greece	10 627	12 083	5 608	9 504	9 019	9 200	8 503	11 199	13 096
Grenada									
Guatemala	9 697	13 506	14 898	11 439	10 040	11 444	11 302	11 842	11 002
Guinea	230	352	556	401	282	164	206	109	111
Guinea-Bissau	42	82	82	82	82	82	82	82	82
Guyana	290	271	212	359	359	359	359	359	359
Haiti	28	28	28	28	28	28	28	28	28
Honduras	4 376	3 666	5 737	7 604	8 114	7 529	8 153	8 783	8 214
Hungary	4 151	9 676	10 300	9 011	9 487	9 763	9 760	8 539	7 826
Iceland	4	5	3	4	4	3	2	2	1
India	44 958	35 342	40 094	56 268	56 720	58 634	63 406	59 670	61 702
Indonesia	1 597	1 597	1 597	1 597	1 597	1 597	1 597	1 597	1 597
Iran (Islamic Republic of)	9 395	7 808	4 382	6 610	6 726	6 841	6 841	6 841	6 841

TABLE 13.
PESTICIDE USE (TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Iraq	548	873	744	396	197	151	215	284	284
Ireland	1 942	2 625	2 529	3 006	3 124	2 584	2 860	2 652	2 652
Israel	3 459	5 879	6 753	6 335	6 367	6 093	6 093	6 093	6 093
Italy	79 447	84 647	71 613	59 422	63 322	60 259	56 641	54 153	48 567
Jamaica	621	621	621	621	621	621	621	621	621
Japan	79 821	63 830	55 576	53 544	54 171	51 006	52 249	52 332	52 332
Jordan	553	1 736	933	719	666	1 028	1 291	675	675
Kazakhstan	3 024	3 667	6 284	11 159	10 589	10 372	13 426	13 820	13 077
Kenya	1 998	1 578	1 578	1 578	1 578	1 578	1 578	1 578	1 578
Kiribati									
Kuwait	32	32	32	32	32	32	32	32	32
Kyrgyzstan	681	1 081	350	403	516	533	560	608	677
Lao People's Democratic Republic	1	4	2	3	189	175	145	187	187
Latvia	285	724	1 028	1 417	1 512	1 725	1 478	1 568	1 568
Lebanon	1 816	1 816	1 816	1 816	1 816	1 816	1 816	1 816	1 816
Lesotho	0	1	80	66	69	73	76	76	76
Liberia									
Libya	2 803	2 803	1 044	1 044	1 044	1 044	1 044	1 044	1 044
Lithuania	688	1 049	1 804	2 546	2 738	3 337	2 994	2 050	2 318
Luxembourg	154	154	154	131	121	168	144	148	148
Madagascar	130	115	242	454	401	494	643	706	746
Malawi	210	296	584	2 358	2 358	2 358	2 358	2 358	2 358
Malaysia	39 406	39 406	60 195	49 199	63 308	67 288	50 683	44 114	47 805
Maldives	44	44	44	376	907	376	363	421	478
Mali	52	23	8	4	4	4	4	4	4
Malta	182	118	123	125	116	107	98	89	89
Marshall Islands									
Mauritania	39	1	68	26	26	26	26	26	26
Mauritius	624	808	860	772	2 374	842	770	788	792
Mexico	26 625	39 172	52 305	43 029	48 293	47 421	50 802	53 144	48 989
Micronesia (Federated States of)									
Mongolia	116	116	116	116	116	116	116	116	116
Montenegro			66	90	76	90	91	91	91
Morocco	13 435	13 966	13 697	13 697	13 697	13 697	13 697	13 697	13 697
Mozambique	41	771	1 189	652	613	574	535	535	535
Myanmar	558	1 449	3 340	5 418	7 691	12 092	17 274	15 326	17 337
Namibia	56	56	56	56	56	56	56	56	56
Nauru									
Nepal	112	128	332	549	574	633	692	750	809
Netherlands	11 383	10 704	9 586	10 643	9 977	10 783	10 601	9 309	9 309
New Zealand	3 634	4 058	5 086	5 086	5 086	5 086	5 086	5 086	5 086
Nicaragua	3 926	9 392	12 242	6 827	7 846	7 682	7 902	6 994	7 808
Niger	62	25	11	35	41	48	33	18	22

TABLE 13.
PESTICIDE USE (TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Nigeria									
North Macedonia	296	149	98	98	98	98	98	98	98
Norway	348	519	699	861	631	676	671	614	604
Oman	45	151	256	410	333	347	275	204	305
Pakistan	27 885	7 914	2 968	1	1	1	1	1	1
Palau									
Panama	1 099	2 677	1 949	2 459	2 440	2 422	2 403	2 247	2 092
Papua New Guinea	105	105	105	105	105	105	105	105	105
Paraguay	3 507	15 263	21 113	18 070	18 908	18 567	19 662	21 122	22 581
Peru	2 257	3 578	6 226	8 275	8 893	9 483	10 037	8 618	10 636
Philippines	17 383	18 304	21 311	22 112	23 251	21 632	21 491	21 350	24 879
Poland	8 848	16 039	19 449	23 557	24 006	24 463	25 076	23 178	24 281
Portugal	15 470	16 353	13 774	12 892	10 006	9 779	8 172	8 172	8 172
Qatar	68	68	68	68	68	68	68	68	68
Republic of Korea	25 684	24 506	20 431	19 788	19 482	19 798	20 043	18 716	16 745
Republic of Moldova	2 869	2 395	2 466	2 500	2 739	2 981	3 462	2 853	2 566
Romania	9 427	7 566	7 249	6 724	6 608	6 463	6 859	5 141	5 346
Russian Federation	30 194	37 249	44 305	49 949	51 360	71 057	79 501	76 368	77 306
Rwanda	147	223	954	2 061	2 484	2 027	2 027	2 027	2 027
Saint Kitts and Nevis	11	13	15	2	2	2	3	3	18
Saint Lucia	196	196	196	196	196	196	196	196	196
Saint Vincent and the Grenadines									
Samoa	7	35	63	86	91	97	103	151	121
San Marino									
Sao Tome and Principe									
Saudi Arabia	3 024	3 876	4 700	6 260	7 107	7 954	8 801	9 648	10 496
Senegal	491	466	696	610	709	831	479	479	479
Serbia									
Seychelles	19	19	19	19	19	19	19	19	19
Sierra Leone									
Singapore									
Slovakia	1 457	1 546	1 881	1 722	1 568	1 520	1 724	1 785	1 859
Slovenia	1 468	1 384	1 134	1 010	1 047	1 157	1 087	1 172	972
Solomon Islands									
Somalia									
South Africa	26 857	26 857	26 857	26 857	26 857	26 857	26 857	26 857	26 857
South Sudan									
Spain	34 597	41 017	39 043	61 067	59 018	61 895	60 896	61 343	61 343
Sri Lanka	1 696	1 742	1 451	933	2 540	1 925	1 266	2 261	1 526
Sudan				2 862	3 058	3 254	2 380	5 487	4 083
Suriname	176	402	478	623	983	617	651	789	531
Sweden	1 721	2 132	1 982	1 880	1 836	1 630	1 525	1 459	1 478
Switzerland	1 577	1 388	2 148	2 245	2 221	2 158	2 028	2 052	1 952

TABLE 13.
PESTICIDE USE (TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Syrian Arab Republic	1 306	1 422	1 422	1 422	1 422	1 422	1 422	1 422	1 422
Tajikistan	527	235	262	265	265	265	265	265	265
Thailand	20 334	43 831	68 986	21 800	26 168	30 535	37 561	34 777	28 074
Timor-Leste	0	1	2	2	2	2	2	2	2
Togo	321	203	242	813	1 118	1 246	1 263	1 356	1 425
Tonga	11	11	11	15	12	9	24	22	22
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	2 766	2 817	3 134	2 670	3 211	3 511
Turkey	33 471	40 332	38 555	39 723	39 026	50 054	54 098	60 020	51 297
Turkmenistan	9 712	9 712	9 712	9 712	9 712	9 712	9 712	9 712	9 712
Tuvalu									
Uganda	88	88	88	88	88	88	88	88	88
Ukraine	27 344	23 022	62 535	78 201	64 987	51 772	38 558	25 343	24 325
United Arab Emirates									
United Kingdom of Great Britain and Northern Ireland	33 031	31 415	16 771	18 392	18 475	19 298	19 116	19 300	19 373
United Republic of Tanzania	1	1	1	1	1	1	1	1	1
United States of America	430 005	388 275	374 818	407 779	407 779	407 779	407 779	407 779	407 779
Uruguay	3 650	9 232	14 981	22 962	14 068	13 366	14 906	16 446	16 446
Uzbekistan									
Vanuatu	131	131	131	131	131	131	131	131	131
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	19 154	19 154	19 154	19 154	19 154	19 154	19 154	19 154
Yemen	1 289	787	134	110	110	110	110	110	110
Zambia	2 180	2 818	3 455	3 965	4 093	4 220	4 348	4 197	4 197
Zimbabwe	2 953	3 129	3 305	2 185	2 185	2 185	2 185	2 185	2 185

Complete series are available at <http://www.fao.org/faostat/en/#data/RP>

TABLE 14.
PESTICIDE USE PER CROPLAND AREA (KG PER HA)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
World	2.06	2.28	2.64	2.69	2.66	2.68	2.68	2.66	2.69
Africa	0.28	0.29	0.33	0.36	0.36	0.35	0.37	0.39	0.39
Americas	2.42	2.89	3.48	3.63	3.63	3.61	3.62	3.54	3.70
Asia	2.92	3.18	3.75	3.74	3.68	3.70	3.70	3.69	3.68
Europe	1.46	1.54	1.54	1.75	1.68	1.74	1.70	1.67	1.66
Oceania	1.41	1.36	1.71	1.62	1.70	2.13	2.09	2.07	2.10
Afghanistan									
Albania	0.44	0.55	0.85	0.66	0.77	0.83	0.89	0.64	1.05
Algeria	0.31	0.34	0.22	0.85	0.53	0.49	0.72	0.71	0.71
Andorra									
Angola	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Antigua and Barbuda	1.60	1.60	1.60	5.40	5.40	5.40	5.40	5.40	5.40
Argentina	2.94	3.99	6.04	5.32	5.41	5.50	5.60	5.13	6.07
Armenia	0.14	0.44	0.55	0.89	0.97	1.05	1.13	1.22	1.04
Australia	1.41	1.28	1.62	1.54	1.62	2.09	2.04	2.03	2.05
Austria	2.42	2.35	2.58	2.39	2.68	2.59	3.34	3.80	3.56
Azerbaijan	0.07	0.07	0.16	0.25	0.24	0.24	0.23	0.23	0.23
Bahamas									
Bahrain	1.73	2.77	2.17	1.96	1.96	1.96	1.96	1.96	1.96
Bangladesh	0.36	0.93	1.53	1.87	1.56	1.67	1.76	1.76	1.72
Barbados									
Belarus	0.78	0.87	0.87	0.86	0.62	0.56	0.61	0.65	0.72
Belgium	10.83	11.31	5.43	7.73	8.06	7.98	7.56	7.59	6.96
Belize	13.09	9.41	6.54	8.00	8.89	10.49	9.65	11.34	11.34
Benin									
Bhutan	0.02	0.01	0.06	0.03	0.10	0.25	0.28	0.38	0.35
Bolivia (Plurinational State of)	1.14	1.78	2.87	3.50	3.42	3.50	4.69	4.35	3.65
Bosnia and Herzegovina									
Botswana	0.05	0.07	0.07	0.04	0.06	0.06	0.06	0.06	0.06
Brazil	2.56	3.89	5.56	5.62	6.28	5.96	5.94	5.94	5.94
Brunei Darussalam	0.33	0.29	3.80	2.10	2.10	2.10	2.10	2.10	2.10
Bulgaria	0.76	0.66	0.47	0.28	0.42	1.03	0.93	1.40	1.84
Burkina Faso	0.02	0.02	0.07	0.14	0.14	0.14	0.14	0.14	0.14
Burundi	0.08	0.23	0.20	0.05	0.05	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									
Cameroon	0.08	0.31	0.45	0.71	0.75	0.62	0.91	0.91	0.91
Canada	0.96	0.91	1.61	2.00	1.96	2.35	2.54	2.26	2.26
Central African Republic	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Chad	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Chile	6.76	5.22	5.69	5.63	5.55	5.69	5.64	5.85	5.94
China	9.84	10.98	12.98	13.36	13.05	13.06	13.07	13.07	13.07
Colombia	16.69	32.63	14.50	20.83	9.27	8.69	3.81	3.82	7.08
Comoros	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00

TABLE 14.
PESTICIDE USE PER CROPLAND AREA (KG PER HA) (CONTINUED)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Congo	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Costa Rica									
Côte d'Ivoire	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Croatia	2.92	2.17	1.56	2.37	2.50	1.96	1.77	1.91	1.74
Cuba									
Cyprus	4.94	3.73	5.51	9.77	8.01	5.91	9.04	9.11	9.98
Czechia	1.37	1.96	1.92	1.85	1.76	1.75	1.74	1.62	1.54
Democratic People's Republic of Korea									
Democratic Republic of the Congo									
Denmark	1.39	1.39	1.61	0.72	1.09	1.07	1.10	1.09	1.09
Djibouti									
Dominica									
Dominican Republic	3.86	2.88	5.26	5.70	4.08	4.77	5.53	5.74	5.74
Ecuador	6.02	7.33	12.27	14.07	17.47	16.25	15.34	15.89	14.03
Egypt	1.50	1.55	3.16	3.06	2.12	2.25	2.60	2.96	3.44
El Salvador	3.08	2.30	4.13	6.43	1.99	1.61	0.78	0.28	0.28
Equatorial Guinea									
Eritrea	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Estonia	0.37	0.64	0.79	0.91	0.88	1.02	0.98	0.92	0.91
Eswatini									
Ethiopia	0.06	0.10	0.26	0.24	0.24	0.24	0.24	0.23	0.23
Fiji	1.35	1.85	2.76	3.08	3.08	3.08	3.08	3.08	3.08
Finland	0.52	0.64	0.77	0.72	0.77	0.71	0.60	0.57	0.60
France	5.02	4.02	3.21	3.90	3.44	3.72	3.63	4.45	4.46
Gabon									
Gambia	0.96	2.46	1.29	1.32	1.32	1.32	1.32	1.32	1.32
Georgia	2.90	5.31	5.92	6.49	2.83	3.26	3.91	5.18	6.00
Germany	2.93	3.01	3.39	3.80	3.99	3.92	4.04	3.77	3.80
Ghana	0.01	0.03	0.23	0.96	1.60	1.70	1.80	1.83	1.86
Greece	2.76	3.20	1.51	2.86	2.75	2.83	2.64	3.48	4.07
Grenada									
Guatemala	4.93	6.03	6.88	5.73	4.91	5.60	5.53	5.79	5.38
Guinea	0.08	0.10	0.15	0.11	0.07	0.04	0.05	0.03	0.03
Guinea-Bissau	0.08	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Guyana	0.61	0.60	0.47	0.80	0.78	0.76	0.76	0.76	0.78
Haiti	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Honduras	3.07	2.53	3.82	4.87	5.20	4.83	5.13	5.50	5.15
Hungary	0.86	2.01	2.25	2.00	2.11	2.17	2.17	1.90	1.74
Iceland	0.03	0.04	0.02	0.03	0.03	0.02	0.02	0.02	0.01
India	0.26	0.21	0.24	0.33	0.33	0.35	0.37	0.35	0.36
Indonesia	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03
Iran (Islamic Republic of)	0.58	0.43	0.26	0.40	0.41	0.42	0.40	0.39	0.39
Iraq	0.13	0.16	0.18	0.08	0.04	0.03	0.04	0.05	0.05
Ireland	1.80	2.21	5.74	6.45	6.88	5.59	6.19	5.87	5.97

TABLE 14.
PESTICIDE USE PER CROPLAND AREA (KG PER HA) (CONTINUED)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Israel	8.16	15.45	18.21	15.93	16.16	15.54	12.61	12.61	12.74
Italy	7.04	8.19	7.44	6.51	7.00	6.59	6.14	5.91	5.21
Jamaica	2.48	2.61	2.89	2.89	2.89	2.89	2.89	2.89	2.89
Japan	16.53	13.60	12.10	11.85	12.05	11.41	11.76	11.84	11.90
Jordan	1.99	6.41	3.58	2.23	2.12	3.17	4.87	2.41	2.34
Kazakhstan	0.10	0.13	0.22	0.38	0.36	0.35	0.45	0.46	0.44
Kenya	0.37	0.28	0.26	0.25	0.25	0.25	0.25	0.25	0.25
Kiribati									
Kuwait	2.67	2.29	2.00	1.99	2.39	2.29	2.08	2.29	2.29
Kyrgyzstan	0.48	0.80	0.26	0.30	0.38	0.39	0.41	0.45	0.50
Lao People's Democratic Republic	0.00	0.00	0.00	0.00	0.10	0.10	0.08	0.11	0.11
Latvia	0.29	0.66	0.87	1.17	1.22	1.33	1.14	1.20	1.18
Lebanon	6.73	6.42	7.57	7.04	7.04	7.04	7.04	7.04	7.04
Lesotho	0.00	0.00	0.25	0.24	0.31	0.21	0.18	0.18	0.54
Liberia									
Libya	1.30	1.34	0.51	0.51	0.51	0.51	0.51	0.51	0.51
Lithuania	0.24	0.54	0.84	1.07	1.24	1.53	1.40	0.95	1.03
Luxembourg	2.44	2.48	2.43	2.04	1.88	2.65	2.26	2.32	2.33
Madagascar	0.04	0.03	0.07	0.13	0.11	0.14	0.18	0.20	0.21
Malawi	0.07	0.09	0.15	0.62	0.62	0.62	0.62	0.62	0.62
Malaysia	5.92	5.75	8.47	6.30	7.64	8.12	6.12	5.32	5.77
Maldives									
Mali	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Malta									
Marshall Islands									
Mauritania	0.08	0.00	0.15	0.06	0.06	0.06	0.06	0.06	0.06
Mauritius	6.64	9.08	10.24	9.77	30.05	10.66	9.75	9.97	10.03
Mexico	1.05	1.51	2.04	1.73	1.95	1.95	2.22	2.35	2.21
Micronesia (Federated States of)									
Mongolia	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09
Montenegro			0.35	6.55	5.51	6.25	6.23	6.23	6.07
Morocco	1.39	1.55	1.52	1.51	1.51	1.39	1.36	1.44	1.59
Mozambique	0.01	0.15	0.20	0.11	0.10	0.10	0.09	0.09	0.09
Myanmar	0.05	0.13	0.27	0.44	0.62	0.97	1.37	1.22	1.39
Namibia	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Nauru									
Nepal	0.05	0.05	0.14	0.24	0.25	0.27	0.30	0.32	0.35
Netherlands	12.06	9.37	9.05	9.84	9.24	10.12	9.86	8.79	8.88
New Zealand	2.34	8.32	8.92	7.74	9.33	8.37	9.11	8.63	8.20
Nicaragua	1.83	4.10	6.70	3.81	4.38	4.29	4.41	3.91	4.36
Niger	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nigeria									
North Macedonia	0.49	0.31	0.22	0.22	0.22	0.21	0.21	0.21	0.21
Norway	0.39	0.60	0.84	1.06	0.78	0.84	0.83	0.76	0.75

TABLE 14.
PESTICIDE USE PER CROPLAND AREA (KG PER HA) (CONTINUED)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Oman	0.62	2.32	3.53	5.96	4.01	4.08	2.72	1.87	2.76
Pakistan	0.88	0.26	0.10	0.00	0.00	0.00	0.00	0.00	0.00
Palau									
Panama	1.58	3.78	2.57	3.28	3.25	3.23	3.20	3.00	2.79
Papua New Guinea	0.13	0.13	0.11	0.11	0.11	0.11	0.11	0.11	0.11
Paraguay	1.13	4.29	5.20	3.81	3.82	3.91	4.15	4.38	4.68
Peru	0.44	0.69	1.15	1.48	1.58	1.68	1.76	1.46	1.87
Philippines	1.79	1.86	2.01	2.02	2.13	1.98	1.96	1.95	2.27
Poland	0.62	1.28	1.73	2.08	2.13	2.18	2.22	2.04	2.13
Portugal	6.09	7.96	7.40	6.98	5.49	5.61	4.77	4.81	4.81
Qatar	4.25	4.79	4.12	3.86	3.82	4.00	4.00	4.00	4.00
Republic of Korea	13.39	13.44	11.91	11.70	11.60	12.04	12.37	11.73	10.59
Republic of Moldova	1.33	1.12	1.17	1.27	1.39	1.51	1.75	1.49	1.34
Romania	0.95	0.80	0.75	0.73	0.72	0.72	0.77	0.56	0.57
Russian Federation	0.24	0.30	0.36	0.40	0.42	0.58	0.64	0.62	0.63
Rwanda	0.13	0.17	0.69	1.47	1.77	1.45	1.45	1.45	1.45
Saint Kitts and Nevis	1.47	3.25	3.26	0.39	0.39	0.39	0.59	0.59	3.53
Saint Lucia	15.19	19.80	19.60	19.60	19.60	19.60	19.60	19.60	19.60
Saint Vincent and the Grenadines									
Samoa	0.16	0.92	1.77	1.50	1.43	1.53	1.62	2.37	1.90
San Marino									
Sao Tome and Principe									
Saudi Arabia	0.80	1.04	1.38	1.75	1.95	2.19	2.43	2.68	2.92
Senegal	0.15	0.15	0.18	0.19	0.22	0.25	0.15	0.15	0.15
Serbia									
Seychelles	4.75	4.75	7.92	12.26	12.26	12.26	12.26	12.26	12.26
Sierra Leone									
Singapore									
Slovakia	0.93	1.09	1.33	1.25	1.15	1.11	1.27	1.31	1.36
Slovenia	7.20	6.78	4.80	4.26	4.41	4.87	4.57	4.97	4.15
Solomon Islands									
Somalia									
South Africa	1.89	1.98	2.07	2.16	2.16	2.16	2.16	2.16	2.16
South Sudan									
Spain	1.89	2.30	2.27	3.55	3.43	3.63	3.59	3.66	3.66
Sri Lanka	0.89	0.84	0.67	0.41	1.10	0.83	0.55	0.95	0.64
Sudan				0.14	0.15	0.16	0.12	0.27	0.20
Suriname	2.63	7.31	7.84	8.77	13.85	8.69	9.57	11.60	7.81
Sweden	0.66	0.79	0.76	0.73	0.71	0.63	0.60	0.57	0.58
Switzerland	3.64	3.23	5.01	5.28	5.25	5.09	4.79	4.85	4.61
Syrian Arab Republic	0.24	0.26	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Tajikistan	0.59	0.27	0.30	0.31	0.31	0.31	0.31	0.31	0.31
Thailand	1.07	2.33	3.41	1.02	1.23	1.43	1.76	1.63	1.32
Timor-Leste	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01

TABLE 14.
PESTICIDE USE PER CROPLAND AREA (KG PER HA) (CONTINUED)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Togo	0.12	0.09	0.09	0.29	0.40	0.44	0.45	0.48	0.51
Tonga	0.42	0.42	0.39	0.50	0.39	0.29	0.77	0.71	0.71
Trinidad and Tobago	3.53	2.89	2.68	24.96	24.96	24.96	24.96	24.96	24.96
Tunisia	0.28	0.30	0.42	0.56	0.57	0.64	0.53	0.64	0.70
Turkey	1.27	1.52	1.58	1.66	1.63	2.11	2.32	2.59	2.22
Turkmenistan	4.86	4.62	4.86	4.86	4.86	4.86	4.86	4.86	4.86
Tuvalu									
Uganda	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Ukraine	0.82	0.69	1.87	2.32	1.93	1.54	1.15	0.75	0.72
United Arab Emirates									
United Kingdom of Great Britain and Northern Ireland	5.57	5.44	2.79	2.93	3.05	3.18	3.12	3.17	3.16
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	2.30	2.34	2.57	2.56	2.55	2.54	2.54	2.54
Uruguay	2.58	6.45	7.23	10.01	6.13	6.39	7.29	8.16	8.03
Uzbekistan									
Vanuatu	0.98	0.93	0.90	0.90	0.90	0.90	0.90	0.90	0.90
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	2.04	1.89	1.87	1.66	1.66	1.66	1.67	1.63
Yemen	0.77	0.52	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Zambia	0.77	1.02	1.01	1.03	1.07	1.10	1.13	1.09	1.09
Zimbabwe	0.80	0.78	0.81	0.53	0.53	0.53	0.53	0.53	0.53

Complete series are available at <http://www.fao.org/faostat/en/#data/EP>

TABLE 15.
INORGANIC FERTILIZER USE BY NUTRIENT (THOUSAND TONNES)

COUNTRY	NITROGEN, AS N		PHOSPHORUS, AS P ₂ O ₅		POTASSIUM, AS K ₂ O		TOTAL	
	2000	2019	2000	2019	2000	2019	2000	2019
World	80 727.9	107 735.8	32 374.4	43 405.1	21 661.7	37 391.2	134 764.0	188 532.1
Africa	2 444.4	4 172.4	918.9	1 686.7	458.9	970.6	3 822.2	6 829.6
Americas	17 413.4	24 077.7	8 140.3	12 384.4	8 229.2	13 120.8	33 783.0	49 582.9
Asia	46 466.9	62 584.5	17 643.0	24 051.1	7 810.4	18 395.6	71 920.3	105 031.2
Europe	13 213.5	15 077.6	4 092.6	4 016.2	4 814.1	4 447.7	22 120.2	23 541.5
Oceania	1 189.7	1 823.7	1 579.5	1 266.7	349.0	456.5	3 118.3	3 546.9
Afghanistan	5.0	59.7		25.8		0.0		85.5
Albania	12.1	38.3	4.9	15.1	1.7	4.2	18.7	57.6
Algeria	44.3	70.2	25.0	58.8	23.0	26.7	92.3	155.7
Andorra								
Angola	1.4	17.1		10.2		9.0		36.3
Antigua and Barbuda		0.0		0.0		0.0		0.0
Argentina	498.2	1 278.5	333.8	758.9	31.0	38.6	863.0	2 075.9
Armenia	7.0	90.1		0.0		0.2		90.3
Australia	951.0	1 337.6	1 116.3	957.5	217.0	288.0	2 284.3	2 583.1
Austria	121.6	98.2	48.5	26.5	55.2	32.4	225.4	157.1
Azerbaijan	2.1	148.7		0.5	2.0	9.2		158.4
Bahamas	0.1	2.0	0.1	0.4	0.1	0.4	0.3	2.8
Bahrain	0.1	1.8	0.1	0.1	0.1	0.1	0.3	2.0
Bangladesh	995.9	1 327.8	250.3	760.4	74.0	429.6	1 320.2	2 517.7
Barbados	1.8	0.1	0.2	0.1	1.0	0.1	3.0	0.4
Belarus	280.0	407.3	75.0	88.2	450.0	383.8	805.0	879.3
Belgium		175.0		19.2		61.2		255.4
Belize	2.8	16.5	1.9	14.7	1.4	10.2	6.1	41.4
Benin	14.3	75.3	11.4	43.9	9.5	36.1	35.2	155.3
Bhutan		0.8		0.3		0.2		1.3
Bolivia (Plurinational State of)	3.2	14.6	3.6	11.5	0.7	3.5	7.5	29.6
Bosnia and Herzegovina	27.8	69.5	7.0	9.3	7.0	10.0	41.8	88.8
Botswana	4.1	10.0	0.3	1.7	0.2	1.7	4.6	13.3
Brazil	1 668.0	4 911.7	2 338.0	4 860.3	2 562.0	6 774.1	6 568.0	16 546.1
Brunei Darussalam		0.2		0.2		0.2		0.7
Bulgaria	144.9	352.5	4.0	76.8	2.6	42.9	151.5	472.2
Burkina Faso	9.9	30.0	15.1	13.6	9.0	13.5	33.9	57.1
Burundi	1.5	6.9	1.0	13.6	1.0	3.7	3.5	24.2
Cabo Verde								
Cambodia		112.1		53.1		8.5		173.6
Cameroon	21.9	46.5	7.7	9.4	16.6	24.4	46.1	80.3
Canada	1 564.3	2 568.0	570.5	1 082.0	310.5	427.0	2 445.4	4 077.0
Central African Republic	0.2	0.2	0.2	0.0	0.2	0.1	0.6	0.3
Chad								
Chile	235.0	235.7	172.0	124.6	75.0	99.9	482.0	460.2
China	22 139.2	26 872.8	8 609.7	10 330.2	3 469.0	10 350.4	34 217.9	47 553.4
Colombia	334.3	462.4	131.8	235.0	192.1	395.1	658.2	1 092.4

TABLE 15.
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	2019	2000	2019	2000	2019	2000	2019
Comoros								
Congo	2.0	0.8	1.0	0.4	2.0	1.2	5.0	2.3
Costa Rica	68.0	93.3	29.0	15.4	70.0	46.1	167.0	154.8
Côte d'Ivoire	40.0	65.6	11.1	57.9	16.0	58.1	67.1	181.6
Croatia	116.0	97.1	49.0	34.4	58.0	42.7	223.0	174.3
Cuba	78.0	40.0	24.3	7.7	28.1	26.7	130.4	74.4
Cyprus	7.8	8.2	4.9	5.3	1.7	4.7	14.4	18.1
Czechia	262.8	332.0	43.3	58.0	24.5	21.6	330.7	411.7
Democratic People's Republic of Korea								
Democratic Republic of the Congo	0.3	15.6	0.3	0.7	0.2	2.6	0.8	18.9
Denmark	234.0	225.0	36.0	33.8	79.0	67.0	349.0	325.8
Djibouti								
Dominica	1.0	0.2	1.0	0.2	1.0	4.1	3.0	4.6
Dominican Republic	48.5	89.6	15.4	29.9	27.8	52.8	91.7	172.4
Ecuador	71.6	208.2	35.4	54.7	57.4	113.7	164.4	376.7
Egypt	1 073.4	1 245.3	153.8	222.8	32.5	125.0	1 259.7	1 593.1
El Salvador	48.5	25.2	13.3	8.5	16.0	9.1	77.8	42.8
Equatorial Guinea								
Eritrea	5.4	4.6	5.5	0.0		0.0		4.6
Estonia	22.4	41.4	6.4	9.3	6.2	12.2	35.0	62.9
Eswatini								
Ethiopia	76.5	420.1	81.0	164.4		1.5		586.0
Fiji	2.5	4.3	2.0	0.7	3.0	1.2	7.5	6.2
Finland	167.0	146.8	52.0	26.1	80.0	41.0	299.0	213.9
France	2 316.3	2 130.8	795.0	416.3	1 033.5	469.6	4 144.8	3 016.7
Gabon	0.1	5.8	0.1	3.2	0.1	3.9	0.3	12.9
Gambia	0.6	0.7	0.1	0.4	0.1	0.8	0.8	1.9
Georgia	40.0	12.9		5.0	2.0	3.2		21.1
Germany	1 847.5	1 372.1	351.3	247.8	544.0	419.5	2 742.8	2 039.4
Ghana	7.0	76.5	2.7	58.3	2.1	52.3	11.9	187.1
Greece	285.0	189.7	113.0	59.5	58.0	51.9	456.0	301.2
Grenada								
Guatemala	124.5	169.6	46.1	48.6	41.0	54.0	211.6	272.2
Guinea	1.0	7.1	1.4	8.0	0.8	6.2	3.2	21.3
Guinea-Bissau								
Guyana	10.7	21.4	1.2	2.2	0.6	1.9	12.6	25.5
Haiti								
Honduras	135.9	86.1	21.6	31.3	23.0	42.8	180.5	160.3
Hungary	320.0	415.9	45.0	114.4	52.0	99.9	417.0	630.2
Iceland	13.0	10.4	4.0	1.5	4.2	2.4	21.2	14.2
India	10 920.2	18 863.9	4 214.6	7 464.8	1 567.5	2 640.9	16 702.3	28 969.6
Indonesia	1 964.4	2 928.3	263.1	840.0	266.0	1 732.6	2 493.5	5 500.9
Iran (Islamic Republic of)	862.6	564.9	412.7	98.0	118.3	35.3	1 393.6	698.2

TABLE 15.
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	2019	2000	2019	2000	2019	2000	2019
Iraq	250.5	173.0	117.2	95.9	3.5	5.2	371.2	274.2
Ireland	368.4	288.2	96.0	127.2	135.0	167.4	599.4	582.8
Israel	49.0	45.3	15.0	7.1	30.0	35.1	94.0	87.5
Italy	828.0	598.5	504.0	176.0	400.0	110.5	1 732.0	885.1
Jamaica	9.9	4.8	5.2	2.9	7.3	1.6	22.4	9.3
Japan	487.4	369.4	583.0	338.1	381.9	270.0	1 452.3	977.5
Jordan	9.4	19.9	4.5	1.6	6.8	1.4	20.6	22.9
Kazakhstan	30.0	54.5	4.9	29.4	2.1	1.7	37.0	85.7
Kenya	69.9	139.6	71.2	150.0	4.5	42.7	145.7	332.3
Kiribati								
Kuwait	0.6	2.5		1.9		3.8		8.2
Kyrgyzstan	27.7	24.8	1.4	4.0	0.1	0.4	29.2	29.2
Lao People's Democratic Republic								
Latvia	28.5	80.7	10.2	26.8	11.6	31.7	50.3	139.2
Lebanon	24.3	16.9	18.4	12.1	9.6	8.7	52.3	37.7
Lesotho								
Liberia								
Libya	31.7	15.1	18.0	15.6	5.3	1.3	55.0	32.0
Lithuania	98.0	178.6	20.0	52.6	35.0	72.0	153.0	303.2
Luxembourg		13.8		0.8		0.6		15.2
Madagascar	3.8	24.2	3.0	6.0	2.4	5.7	9.1	35.8
Malawi	34.6	77.3	11.4	21.4	3.8	18.6	49.8	117.3
Malaysia	348.6	386.9	199.7	172.9	640.0	1 052.6	1 188.3	1 612.4
Maldives		0.4		0.0		0.0		0.4
Mali	12.7	102.9	13.6	35.1	13.6	20.6	39.8	158.6
Malta	0.5	0.8	0.2	0.1	0.2	0.2	0.8	1.0
Marshall Islands								
Mauritania								
Mauritius	13.3	7.8	6.1	2.5	18.1	4.3	37.5	14.6
Mexico	1 342.0	1 331.8	315.0	578.0	175.0	248.9	1 832.0	2 158.8
Micronesia (Federated States of)								
Mongolia	3.4	46.2		0.4		0.2		46.8
Montenegro		1.3		0.5		0.5		2.3
Morocco	207.6	211.0	108.8	132.1	51.0	107.3	367.4	450.4
Mozambique	9.7	26.5	3.4	4.2	1.2	7.2	14.3	37.9
Myanmar	165.0	353.3	34.7	181.0	6.0	164.4	205.7	698.7
Namibia	0.1	18.9	0.2	1.3		0.2		20.4
Nauru		0.0		0.0		0.0		0.0
Nepal	51.8	121.5	18.2	55.6	3.1	7.4	73.0	184.5
Netherlands	300.0	197.7	54.0	10.7	64.0	53.8	418.0	262.2
New Zealand	230.7	452.0	456.6	306.0	125.4	157.8	812.7	915.8
Nicaragua	14.2	54.0	10.7	13.5	4.0	19.6	28.9	87.1
Niger	2.5	11.0	1.2	0.7	0.8	0.6	4.5	12.3

TABLE 15.
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	2019	2000	2019	2000	2019	2000	2019
Nigeria	105.6	436.4	44.0	136.1	37.9	113.7	187.5	686.2
North Macedonia	19.2	17.6	11.7	4.5	9.0	3.5	39.9	25.7
Norway	102.0	106.8	30.0	20.4	61.0	41.5	193.0	168.6
Oman	4.0	10.3	1.0	3.2	0.8	11.1	5.8	24.6
Pakistan	2 264.6	3 505.4	675.1	1 099.7	22.8	47.3	2 962.5	4 652.3
Palau								
Panama	15.3	11.3	5.5	7.0	10.4	11.3	31.2	29.5
Papua New Guinea	4.7	28.7	4.0	1.9	3.0	8.6	11.7	39.3
Paraguay	18.3	122.8	25.9	215.2	21.0	199.7	65.2	537.6
Peru	190.1	329.9	45.0	88.0	19.1	89.3	254.3	507.2
Philippines	488.2	709.6	124.1	176.7	122.3	206.5	734.6	1 092.8
Poland	895.5	1 046.4	317.9	345.9	401.7	568.6	1 615.1	1 960.9
Portugal	113.0	105.9	63.0	36.0	43.0	34.1	219.0	176.1
Qatar	0.5	1.5		0.8		2.7		5.0
Republic of Korea	411.5	211.7	161.7	144.4	210.1	143.9	783.3	499.9
Republic of Moldova	5.0	49.3	0.1	28.4		8.8		86.5
Romania	239.3	456.0	56.0	201.3	9.0	92.3	304.3	749.6
Russian Federation	960.0	1 727.5	280.0	601.5	180.0	419.3	1 420.0	2 748.2
Rwanda	0.1	10.6	0.1	15.2	0.1	4.0	0.3	29.8
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	0.2	0.6	0.2	2.1	0.6
Saint Vincent and the Grenadines								
Samoa		0.0		0.0		0.0		0.1
San Marino								
Sao Tome and Principe								
Saudi Arabia	228.0	178.2	137.2	93.0	21.0	29.4	386.2	300.6
Senegal	16.2	31.5	11.0	7.9	11.0	29.5	38.2	69.0
Serbia		212.3		38.3		56.1		306.7
Seychelles	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
Sierra Leone								
Singapore								
Slovakia	82.1	128.5	19.2	26.1	16.8	19.6	118.1	174.3
Slovenia	34.8	28.0	18.4	8.1	22.3	10.1	75.6	46.3
Solomon Islands								
Somalia								
South Africa	415.9	381.0	187.0	248.9	137.4	132.0	740.3	761.9
South Sudan								
Spain	1 113.7	1 011.3	568.1	479.8	467.6	369.1	2 149.4	1 860.2
Sri Lanka	157.5	142.9	30.4	39.5	59.1	77.2	247.0	259.5
Sudan		120.5		27.0		1.7		149.1
Suriname	5.3	6.5		0.6	0.5	0.8		7.9
Sweden	196.7	182.7	39.0	29.4	46.7	36.1	282.5	248.1

TABLE 15.
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	2019	2000	2019	2000	2019	2000	2019
Switzerland	48.4	38.1	12.2	12.4	28.3	14.7	88.9	65.2
Syrian Arab Republic	236.0	24.9	121.4	5.9	8.1	2.9	365.5	33.7
Tajikistan	8.9	7.9		6.2		1.3		15.5
Thailand	924.0	1 263.2	383.8	367.8	253.1	388.8	1 560.9	2 019.8
Timor-Leste								
Togo	9.0	3.5	5.4	1.8	5.4	1.8	19.8	7.1
Tonga		0.1		0.1		0.2		0.3
Trinidad and Tobago	7.3	6.5	0.7	0.5	1.2	1.2	9.2	8.2
Tunisia	62.1	85.9	45.0	55.1	4.2	15.5	111.3	156.5
Turkey	1 378.2	1 682.5	628.6	667.4	82.0	116.5	2 088.8	2 466.4
Turkmenistan								
Tuvalu								
Uganda	3.4	11.2	1.7	6.1	1.5	5.4	6.6	22.7
Ukraine	350.0	1 467.5	62.0	367.2	28.0	307.8	440.0	2 142.5
United Arab Emirates	23.8	15.1	5.0	4.2	6.3	12.2	35.1	31.5
United Kingdom of Great Britain and Northern Ireland	1 115.0	1 038.0	279.0	186.0	370.0	267.0	1 764.0	1 491.0
United Republic of Tanzania	14.1	141.5	6.0	57.2	2.3	15.0	22.4	213.7
United States of America	10 703.4	11 672.4	3 882.6	3 973.5	4 485.4	4 304.6	19 071.5	19 950.6
Uruguay	36.2	171.8	56.3	123.3	11.6	56.7	104.1	351.8
Uzbekistan	607.0	721.3	116.2	225.8	8.0	76.8	731.2	1 023.9
Vanuatu								
Venezuela (Bolivarian Republic of)	175.0	142.3	53.0	95.7	54.0	86.6	282.0	324.6
Viet Nam	1 328.0	1 494.1	506.0	731.2	433.0	511.5	2 267.0	2 736.8
Yemen	14.9	9.2		1.6	0.3	1.4		12.2
Zambia	8.0	167.6	13.4	49.3	10.0	39.8	31.4	256.8
Zimbabwe	87.4	50.1	43.4	45.8	34.5	36.9	165.3	132.8

Complete series are available at <http://www.fao.org/faostat/en/#data/RFN>

TABLE 16.
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	2019	2000	2019	2000	2019	2000	2019
World	54.5	69.8	21.9	28.0	14.9	24.2	91.3	122.0
Africa	11.0	15.9	4.2	6.4	2.2	3.7	17.4	26.0
Americas	47.3	65.7	22.1	33.8	22.4	35.8	91.8	135.2
Asia	84.3	107.3	32.9	41.2	14.4	31.5	131.7	180.0
Europe	42.6	51.4	13.3	13.6	15.7	15.0	71.6	80.0
Oceania	37.0	42.8	43.4	29.7	9.0	9.7	89.4	82.1
Afghanistan	0.6	7.5		3.2		0.0		10.7
Albania	17.3	55.1	7.0	21.7	2.4	6.0	26.8	82.8
Algeria	5.4	8.2	3.1	6.9	2.8	3.1	11.3	18.3
Andorra								
Angola	0.4	3.3		2.0		1.7		7.0
Antigua and Barbuda		5.4		2.5		0.3		8.2
Argentina	17.4	37.9	11.7	22.5	1.1	1.1	30.1	61.6
Armenia	14.3	178.4		0.1		0.4		178.9
Australia	40.0	43.3	47.0	31.0	9.1	9.3	96.1	83.5
Austria	82.8	70.6	33.0	19.0	37.6	23.2	153.4	112.8
Azerbaijan	1.0	63.1		0.2	1.0	3.9		67.2
Bahamas	9.1	165.8	9.1	29.5	9.1	37.2	27.3	232.4
Bahrain	21.9	386.7	22.7	15.3	21.9	31.6	66.5	433.6
Bangladesh	113.2	150.9	28.5	86.4	8.4	48.8	150.0	286.2
Barbados	112.5	18.5	12.5	13.3	62.5	15.8	187.5	47.6
Belarus	44.8	70.0	12.0	15.2	71.9	65.9	128.7	151.1
Belgium		198.7		21.8		69.5		289.9
Belize	28.7	135.6	19.2	120.3	14.1	83.3	62.0	339.2
Benin	5.4	22.2	4.3	12.9	3.6	10.6	13.3	45.7
Bhutan		8.0		3.3		2.2		13.5
Bolivia (Plurinational State of)	1.0	3.1	1.1	2.4	0.2	0.7	2.3	6.2
Bosnia and Herzegovina	25.3	62.0	6.4	8.3	6.4	9.0	38.0	79.2
Botswana	11.7	38.2	0.9	6.4	0.6	6.4	13.1	50.9
Brazil	30.4	77.3	42.6	76.5	46.7	106.7	119.7	260.5
Brunei Darussalam		24.3		23.2		23.4		70.9
Bulgaria	38.4	97.1	1.1	21.2	0.7	11.8	40.1	130.1
Burkina Faso	2.6	4.9	4.0	2.2	2.4	2.2	9.0	9.4
Burundi	1.1	4.4	0.8	8.8	0.8	2.4	2.7	15.6
Cabo Verde								
Cambodia		27.6		13.1		2.1		42.7
Cameroon	3.1	6.0	1.1	1.2	2.3	3.2	6.4	10.4
Canada	38.0	66.2	13.9	27.9	7.6	11.0	59.5	105.0
Central African Republic	0.1	0.1	0.1	0.0	0.1	0.1	0.3	0.2
Chad								
Chile	111.4	142.3	81.5	75.3	35.6	60.3	228.4	277.9
China	170.3	198.1	66.2	76.1	26.7	76.3	263.1	350.5
Colombia	73.6	46.8	29.0	23.8	42.3	40.0	144.8	110.7

TABLE 16.
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	2019	2000	2019	2000	2019	2000	2019
Comoros								
Congo	3.7	1.3	1.9	0.6	3.7	1.9	9.3	3.7
Costa Rica	138.8	162.1	59.2	26.7	142.9	80.2	340.8	269.0
Côte d'Ivoire	6.1	8.2	1.7	7.2	2.4	7.3	10.2	22.7
Croatia	127.3	108.3	53.8	38.4	63.7	47.7	244.8	194.3
Cuba	19.2	10.9	6.0	2.1	6.9	7.3	32.2	20.3
Cyprus	55.8	66.0	34.9	42.5	12.0	37.6	102.7	146.2
Czechia	79.2	131.1	13.1	22.9	7.4	8.5	99.6	162.6
Democratic People's Republic of Korea								
Democratic Republic of the Congo	0.0	1.2	0.0	0.1	0.0	0.2	0.1	1.4
Denmark	102.2	93.0	15.7	14.0	34.5	27.7	152.5	134.7
Djibouti								
Dominica	52.6	9.8	52.6	9.8	52.6	178.4	157.9	198.0
Dominican Republic	36.8	72.8	11.7	24.3	21.1	42.9	69.6	139.9
Ecuador	24.0	85.7	11.9	22.5	19.3	46.8	55.2	155.1
Egypt	326.2	324.6	46.8	58.1	9.9	32.6	382.8	415.3
El Salvador	55.2	28.6	15.2	9.7	18.2	10.4	88.7	48.6
Equatorial Guinea								
Eritrea	9.6	6.7	9.8	0.0		0.0		6.7
Estonia	26.2	59.5	7.5	13.3	7.2	17.5	41.0	90.3
Eswatini								
Ethiopia	7.2	23.5	7.6	9.2		0.1		32.7
Fiji	9.9	17.0	7.9	2.8	11.9	4.9	29.7	24.6
Finland	76.2	65.2	23.7	11.6	36.5	18.2	136.4	95.1
France	118.8	111.7	40.8	21.8	53.0	24.6	212.6	158.1
Gabon	0.2	11.6	0.2	6.6	0.2	7.9	0.6	26.1
Gambia	2.1	1.5	0.4	1.0	0.4	1.7	2.8	4.2
Georgia	37.7	30.0		11.7	1.9	7.5		49.2
Germany	153.7	115.2	29.2	20.8	45.3	35.2	228.2	171.2
Ghana	1.2	14.7	0.5	11.2	0.4	10.0	2.0	35.8
Greece	74.0	58.9	29.3	18.5	15.1	16.1	118.3	93.5
Grenada								
Guatemala	63.4	82.9	23.5	23.8	20.9	26.4	107.7	133.1
Guinea	0.4	1.9	0.5	2.1	0.3	1.6	1.2	5.6
Guinea-Bissau								
Guyana	22.5	46.5	2.6	4.9	1.3	4.1	26.3	55.4
Haiti								
Honduras	95.2	54.0	15.1	19.6	16.1	26.8	126.5	100.4
Hungary	66.6	92.7	9.4	25.5	10.8	22.3	86.8	140.4
Iceland	100.8	85.8	31.0	12.3	32.6	19.6	164.4	117.7
India	64.2	111.4	24.8	44.1	9.2	15.6	98.2	171.1
Indonesia	54.6	57.1	7.3	16.4	7.4	33.8	69.3	107.2
Iran (Islamic Republic of)	53.0	32.2	25.4	5.6	7.3	2.0	85.6	39.8

TABLE 16.
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	2019	2000	2019	2000	2019	2000	2019
Iraq	58.3	33.0	27.3	18.3	0.8	1.0	86.3	52.2
Ireland	108.5	84.9	27.0	35.8	64.0	79.3	199.5	200.0
Israel	115.6	94.6	35.4	14.9	70.8	73.4	221.7	182.9
Italy	73.4	64.2	44.7	18.9	35.5	11.9	153.5	94.9
Jamaica	39.6	22.2	20.8	13.6	29.2	7.6	89.6	43.4
Japan	100.9	84.0	120.7	76.9	79.1	61.4	300.7	222.3
Jordan	33.8	69.1	16.0	5.6	24.3	4.8	74.2	79.5
Kazakhstan	1.0	1.8	0.2	1.0	0.1	0.1	1.2	2.9
Kenya	13.0	22.1	13.3	23.7	0.9	6.7	27.1	52.5
Kiribati								
Kuwait	52.4	178.6		138.7		269.6		586.8
Kyrgyzstan	19.4	18.2	1.0	3.0	0.1	0.3	20.5	21.4
Lao People's Democratic Republic								
Latvia	29.0	60.8	10.4	20.2	11.8	23.9	51.2	104.9
Lebanon	90.0	65.6	68.2	46.9	35.4	33.6	193.6	146.1
Lesotho								
Liberia								
Libya	14.7	7.4	8.4	7.6	2.5	0.6	25.6	15.6
Lithuania	33.6	79.5	6.9	23.4	12.0	32.1	52.4	134.9
Luxembourg		217.2		13.4		9.1		239.7
Madagascar	1.1	6.7	0.9	1.7	0.7	1.6	2.6	10.0
Malawi	12.0	20.3	4.0	5.6	1.3	4.9	17.3	30.9
Malaysia	52.4	46.7	30.0	20.9	96.2	127.0	178.6	194.6
Maldives		75.2		4.1		3.8		83.0
Mali	2.8	15.7	3.0	5.3	3.0	3.1	8.7	24.2
Malta	50.0	72.8	16.7	10.1	16.7	17.5	83.3	100.3
Marshall Islands								
Mauritania								
Mauritius	141.5	98.4	64.9	32.3	192.6	54.2	398.9	184.9
Mexico	52.9	60.2	12.4	26.1	6.9	11.3	72.2	97.6
Micronesia (Federated States of)								
Mongolia	2.9	34.6		0.3		0.2		35.1
Montenegro		83.7		33.4		34.2		151.4
Morocco	21.5	24.5	11.3	15.3	5.3	12.5	38.1	52.3
Mozambique	2.3	4.5	0.8	0.7	0.3	1.2	3.5	6.4
Myanmar	15.7	28.3	3.3	14.5	0.6	13.2	19.6	55.9
Namibia	0.1	23.3	0.2	1.6		0.3		25.2
Nauru		0.0		0.1		0.0		0.1
Nepal	21.0	52.2	7.4	23.9	1.3	3.2	29.6	79.3
Netherlands	258.9	188.5	46.6	10.2	55.2	51.3	360.8	250.0
New Zealand	11.9	58.3	14.7	24.7	9.7	30.5	36.4	113.5
Nicaragua	6.6	30.2	5.0	7.6	1.9	11.0	13.4	48.7
Niger	0.2	0.6	0.1	0.0	0.1	0.0	0.3	0.7

TABLE 16.
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	2019	2000	2019	2000	2019	2000	2019
Nigeria	2.6	10.8	1.1	3.4	0.9	2.8	4.6	17.0
North Macedonia	32.1	38.3	19.5	9.8	15.0	7.7	66.6	55.8
Norway	115.4	133.0	33.9	25.4	69.0	51.6	218.3	210.0
Oman	54.1	93.2	13.8	28.9	11.0	100.8	78.9	222.9
Pakistan	71.4	112.0	21.3	35.1	0.7	1.5	93.5	148.6
Palau								
Panama	22.0	15.0	7.9	9.3	14.9	15.0	44.9	39.4
Papua New Guinea	5.7	28.8	4.9	1.9	3.6	8.6	14.2	39.3
Paraguay	5.9	25.5	8.3	44.6	6.8	41.4	21.0	111.5
Peru	37.2	58.1	8.8	15.5	3.7	15.7	49.7	89.3
Philippines	50.2	64.9	12.8	16.2	12.6	18.9	75.5	99.9
Poland	62.5	91.8	22.2	30.4	28.0	49.9	112.7	172.1
Portugal	44.5	62.4	24.8	21.2	16.9	20.1	86.2	103.7
Qatar	31.3	88.2		47.1		158.8		294.1
Republic of Korea	214.6	133.9	84.3	91.3	109.5	91.0	408.4	316.2
Republic of Moldova	2.3	25.7	0.1	14.8		4.6		45.0
Romania	24.2	48.6	5.7	21.5	0.9	9.8	30.7	79.9
Russian Federation	7.6	14.0	2.2	4.9	1.4	3.4	11.3	22.3
Rwanda	0.1	7.6	0.1	10.8	0.1	2.9	0.3	21.3
Saint Kitts and Nevis	106.7	2.4	66.7	1.0	53.3	1.0	226.7	4.4
Saint Lucia	71.2	27.7	46.7	18.4	46.7	18.0	164.6	64.0
Saint Vincent and the Grenadines								
Samoa		0.4		0.3		0.3		1.0
San Marino								
Sao Tome and Principe								
Saudi Arabia	60.2	49.5	36.3	25.9	5.6	8.2	102.0	83.6
Senegal	4.8	9.6	3.3	2.4	3.3	9.0	11.3	21.0
Serbia		76.2		13.8		20.1		110.1
Seychelles	3.8	41.5	2.8	22.3	4.0	18.0	10.5	81.8
Sierra Leone								
Singapore								
Slovakia	52.1	94.0	12.2	19.1	10.7	14.4	75.0	127.5
Slovenia	170.8	119.6	90.1	34.6	109.5	43.3	370.4	197.4
Solomon Islands								
Somalia								
South Africa	29.3	30.7	13.2	20.1	9.7	10.6	52.1	61.4
South Sudan								
Spain	60.8	60.3	31.0	28.6	25.6	22.0	117.4	111.0
Sri Lanka	82.5	60.2	15.9	16.7	30.9	32.5	129.3	109.4
Sudan		6.0		1.4		0.1		7.5
Suriname	79.1	96.2		8.5	7.5	12.2		116.9
Sweden	75.6	71.8	15.0	11.6	18.0	14.2	108.6	97.6
Switzerland	111.8	90.0	28.3	29.2	65.5	34.6	205.6	153.8

TABLE 16.
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	2019	2000	2019	2000	2019	2000	2019
Syrian Arab Republic	44.1	4.3	22.7	1.0	1.5	0.5	68.3	5.9
Tajikistan	10.1	9.3		7.3		1.5		18.1
Thailand	48.5	59.3	20.2	17.3	13.3	18.3	82.0	94.8
Timor-Leste								
Togo	3.4	1.2	2.1	0.6	2.1	0.6	7.6	2.5
Tonga		2.8		2.3		5.0		10.0
Trinidad and Tobago	121.3	138.3	11.4	10.6	20.7	25.5	153.4	174.5
Tunisia	12.4	17.2	9.0	11.0	0.8	3.1	22.3	31.3
Turkey	52.3	72.8	23.8	28.9	3.1	5.0	79.2	106.8
Turkmenistan								
Tuvalu								
Uganda	0.5	1.2	0.2	0.7	0.2	0.6	0.9	2.5
Ukraine	10.5	43.5	1.9	10.9	0.8	9.1	13.1	63.4
United Arab Emirates	96.4	167.6	20.2	45.9	25.5	135.3	142.1	348.8
United Kingdom of Great Britain and Northern Ireland	188.1	169.3	47.1	30.3	62.4	43.6	297.6	243.2
United Republic of Tanzania	1.4	9.0	0.6	3.7	0.2	1.0	2.2	13.7
United States of America	60.1	72.8	21.8	24.8	25.2	26.8	107.1	124.4
Uruguay	25.6	84.0	39.8	60.2	8.2	27.7	73.6	171.9
Uzbekistan	125.7	162.6	24.1	50.9	1.7	17.3	151.5	230.8
Vanuatu								
Venezuela (Bolivarian Republic of)	51.6	43.1	15.6	29.0	15.9	26.2	83.1	98.4
Viet Nam	163.2	127.2	62.2	62.3	53.2	43.6	278.6	233.0
Yemen	8.9	6.3		1.1	0.2	1.0		8.4
Zambia	2.8	43.7	4.7	12.9	3.5	10.4	11.0	66.9
Zimbabwe	23.6	12.2	11.7	11.2	9.3	9.0	44.7	32.4

Complete series are available at <http://www.fao.org/faostat/en/#data/EF>

CHAPTER 2: PRODUCTION, TRADE AND PRICES OF COMMODITIES

TABLE 17.
PRODUCTION OF PRIMARY CROPS BY GROUP, 2019 (THOUSAND TONNES)

COUNTRY	CEREALS	SUGAR CROPS	VEGETABLES	OIL CROPS	FRUIT	ROOTS AND TUBERS	OTHER	TOTAL
World	2 978 982	2 228 701	1 127 927	1 101 307	883 416	861 042	175 131	9 356 505
Africa	204 219	111 634	84 372	62 621	117 982	330 205	35 078	946 111
Americas	766 845	1 035 407	75 966	369 954	164 342	77 783	30 824	2 521 121
Asia	1 434 560	853 091	879 301	570 245	512 565	341 534	94 505	4 685 800
Europe	543 061	194 460	84 935	89 218	80 432	107 272	12 431	1 111 809
Oceania	30 296	34 109	3 353	9 268	8 094	4 249	2 293	91 664
Afghanistan	5 583	46	1 378	171	3 078	921	122	11 299
Albania	666	31	942	101	811	261	46	2 857
Algeria	5 634		7 295	904	7 070	5 020	241	26 164
Andorra								
Angola	2 914	658	811	555	5 362	11 136	382	21 818
Antigua and Barbuda	0		3	0	10	1	0	14
Argentina	84 949	17 653	3 347	61 705	7 959	2 743	1 388	179 743
Armenia	195	67	547	0	634	404	9	1 856
Australia	29 239	32 415	1 736	4 127	3 555	1 304	2 114	74 490
Austria	5 399	1 965	560	414	639	751	51	9 779
Azerbaijan	3 417	219	1 716	353	1 668	1 004	113	8 490
Bahamas	1	61	33	3	53	2	0	153
Bahrain			18		22	0	0	41
Bangladesh	59 182	3 357	6 301	1 035	4 897	9 891	2 969	87 632
Barbados	0	85	12	2	6	3	2	110
Belarus	6 992	4 927	1 880	589	514	6 105	407	21 414
Belgium	2 814	5 072	2 125	33	656	4 028	113	14 842
Belize	85	1 794	12	9	211	3	10	2 124
Benin	2 135	10	673	1 997	565	7 053	432	12 865
Bhutan	103	0	35	1	56	79	46	321
Bolivia (Plurinational State of)	2 912	9 558	388	3 291	1 561	1 513	287	19 511
Bosnia and Herzegovina	1 666	0	788	34	364	381	58	3 293
Botswana	49		87	1	26	107	2	272
Brazil	121 223	752 895	8 854	127 034	40 098	22 249	8 176	1 080 530
Brunei Darussalam	2		6	0	8	4	0	21
Bulgaria	11 131	0	428	2 382	532	197	74	14 744
Burkina Faso	4 940	491	318	1 687	115	190	872	8 613
Burundi	397	167	568	103	2 008	4 033	944	8 220
Cabo Verde	1	21	33	5	11	11	7	89
Cambodia	12 296	661	679	461	389	13 823	304	28 613
Cameroon	3 946	1 286	3 107	3 136	6 724	9 592	1 240	29 031
Canada	61 135	904	2 307	25 403	994	5 410	7 021	103 173
Central African Republic	140	120	96	235	309	1 384	58	2 343
Chad	2 925	477	112	1 460	126	1 144	174	6 418
Chile	3 295	1 313	2 371	319	6 739	1 181	290	15 508
China	614 698	122 236	590 676	75 432	249 204	150 869	18 495	1 821 609
Colombia	4 434	32 696	2 635	8 719	10 792	4 661	1 266	65 204

TABLE 17.
PRODUCTION OF PRIMARY CROPS BY GROUP, 2019 (THOUSAND TONNES) (CONTINUED)

COUNTRY	CEREALS	SUGAR CROPS	VEGETABLES	OIL CROPS	FRUIT	ROOTS AND TUBERS	OTHER	TOTAL
Comoros	43		6	88	27	89	23	276
Congo	32	707	150	187	254	1 551	22	2 903
Costa Rica	160	4 421	208	1 113	7 010	304	98	13 315
Côte d'Ivoire	3 140	1 968	714	2 714	2 579	12 601	4 029	27 745
Croatia	3 513	709	133	492	283	173	15	5 319
Cuba	690	8 725	2 021	63	2 003	1 772	218	15 491
Cyprus	61	0	56	26	128	82	1	354
Czechia	7 646	3 661	232	1 248	197	623	82	13 689
Democratic People's Republic of Korea	5 600		3 279	303	1 805	1 246	464	12 698
Democratic Republic of the Congo	3 577	2 319	578	2 466	6 630	41 977	516	58 064
Denmark	9 518	2 340	261	729	43	2 409	85	15 384
Djibouti	0	0	40		5		3	48
Dominica	0	5	7	7	49	39	2	109
Dominican Republic	1 132	4 896	881	717	5 444	386	188	13 644
Ecuador	2 618	9 262	434	2 360	8 158	381	388	23 601
Egypt	24 126	26 841	15 420	1 729	15 525	5 660	380	89 681
El Salvador	1 015	7 178	103	122	345	87	148	8 997
Equatorial Guinea				44	73	248	5	370
Eritrea	307		67	23	5	28	35	465
Estonia	1 625	0	25	194	4	80	111	2 040
Eswatini	98	5 666	14	1	114	79	4	5 976
Ethiopia	29 673	1 499	1 059	1 143	1 028	4 387	4 884	43 673
Fiji	7	1 515	38	24	34	144	12	1 774
Finland	4 036	501	263	42	30	619	64	5 556
France	70 379	38 024	4 428	5 333	8 671	8 560	1 986	137 382
Gabon	49	300	56	58	399	667	28	1 558
Gambia	105		14	147	11	13	5	294
Georgia	372		161	5	539	195	45	1 317
Germany	44 302	29 728	3 440	2 960	2 455	10 602	462	93 950
Ghana	4 220	154	813	3 806	6 749	32 409	1 550	49 700
Greece	2 944	79	1 758	1 542	4 230	470	292	11 316
Grenada	0	7	23	6	65	11	5	118
Guatemala	1 954	29 087	1 225	3 373	6 823	575	1 018	44 056
Guinea	4 286	312	564	1 910	1 328	2 895	158	11 454
Guinea-Bissau	239	7	45	176	119	147	170	902
Guyana	1 054	1 042	235	117	167	47	7	2 669
Haiti	462	1 690	150	52	1 438	904	235	4 930
Honduras	675	5 409	337	2 357	1 592	82	621	11 072
Hungary	15 650	824	733	2 808	1 386	344	55	21 800
Iceland	8		5			8	0	21
India	324 301	405 416	132 027	64 750	104 166	56 322	35 579	1 122 560
Indonesia	85 297	29 294	11 772	264 145	21 453	18 186	6 676	436 823
Iran (Islamic Republic of)	23 812	14 582	11 827	830	17 459	3 483	1 472	73 467

TABLE 17.
PRODUCTION OF PRIMARY CROPS BY GROUP, 2019 (THOUSAND TONNES) (CONTINUED)

COUNTRY	CEREALS	SUGAR CROPS	VEGETABLES	OIL CROPS	FRUIT	ROOTS AND TUBERS	OTHER	TOTAL
Iraq	6 914	38	1 272	43	1 923	392	12	10 594
Ireland	2 268	0	185	37	26	382	41	2 940
Israel	178		1 306	152	1 452	559	26	3 675
Italy	16 363	1 779	9 912	3 570	17 254	1 338	528	50 744
Jamaica	2	774	272	101	368	277	30	1 826
Japan	11 830	5 151	10 204	234	2 991	3 278	234	33 923
Jordan	114		1 212	215	541	174	7	2 263
Kazakhstan	17 356	485	4 274	2 932	2 771	3 912	397	32 128
Kenya	4 936	4 606	2 735	202	4 004	3 892	1 772	22 149
Kiribati			6	145	10	12	0	174
Kuwait	18		328	0	115	46	1	508
Kyrgyzstan	1 823	741	1 105	89	472	1 374	306	5 909
Lao People's Democratic Republic	4 155	1 971	1 544	88	1 514	5 696	259	15 226
Latvia	3 163	0	62	409	15	224	102	3 975
Lebanon	165	5	730	141	1 000	573	64	2 677
Lesotho	39		32		14	131	5	220
Liberia	170	273	141	193	215	632	61	1 684
Libya	220		693	153	680	359	47	2 152
Lithuania	5 208	1 002	178	701	42	330	311	7 771
Luxembourg	164	0	3	10	13	15	1	206
Madagascar	4 457	3 174	510	176	1 315	4 503	285	14 421
Malawi	3 335	3 137	1 702	594	3 896	12 796	902	26 363
Malaysia	2 966	21	1 286	99 808	1 114	101	746	106 042
Maldives	0		3	0	6	2	2	13
Mali	10 451	382	2 085	1 407	1 997	750	594	17 667
Malta	0	0	44	0	12	9	0	65
Marshall Islands				18			0	18
Mauritania	480		5	3	29	10	52	580
Mauritius	1	3 405	65	1	23	17	2	3 514
Mexico	36 164	59 335	15 226	3 855	23 679	2 126	2 019	142 404
Micronesia (Federated States of)	0		4	48	3	12	0	66
Mongolia	433		100	25	2	192	7	759
Montenegro	7		23	0	80	27	3	139
Morocco	5 313	4 212	4 206	1 986	6 382	1 966	544	24 608
Mozambique	2 782	4 107	1 176	595	1 098	4 747	627	15 133
Myanmar	28 682	12 330	5 097	3 601	2 824	941	7 609	61 085
Namibia	71		78	0	61	389	24	624
Nauru	0		0	2	0		0	3
Nepal	10 625	3 558	4 291	314	1 463	3 289	823	24 363
Netherlands	1 542	6 645	4 845	6	765	6 961	27	20 791
New Zealand	1 018		938	3	1 671	526	24	4 180
Nicaragua	925	7 372	237	342	583	370	390	10 219
Niger	5 339	321	3 066	694	709	885	2 489	13 504

TABLE 17.
PRODUCTION OF PRIMARY CROPS BY GROUP, 2019 (THOUSAND TONNES) (CONTINUED)

COUNTRY	CEREALS	SUGAR CROPS	VEGETABLES	OIL CROPS	FRUIT	ROOTS AND TUBERS	OTHER	TOTAL
Nigeria	28 243	1 456	16 671	16 958	11 962	117 650	5 193	198 133
North Macedonia	563	3	680	19	558	191	57	2 070
Norway	1 324		195	15	32	332	4	1 901
Oman	65	1	669		510	16	1	1 263
Pakistan	43 260	66 919	5 463	5 729	9 573	5 415	1 051	137 410
Palau								
Panama	418	2 671	50	44	653	55	21	3 911
Papua New Guinea	20	176	566	3 876	2 679	1 907	127	9 350
Paraguay	8 112	5 820	152	8 907	765	3 438	221	27 414
Peru	5 293	10 929	3 039	1 205	7 031	7 193	836	35 525
Philippines	26 794	20 719	6 978	15 307	16 660	3 402	968	90 828
Poland	28 451	13 837	5 402	2 326	3 931	6 482	453	60 882
Portugal	1 106	0	2 161	1 011	2 045	491	91	6 904
Qatar	1		62		29	0	0	92
Republic of Korea	5 260		10 025	167	3 135	939	124	19 651
Republic of Moldova	3 499	607	302	953	1 529	177	70	7 137
Romania	30 412	917	1 853	4 817	2 898	2 627	291	43 815
Russian Federation	117 868	54 350	14 154	22 747	5 944	22 075	3 492	240 629
Rwanda	733	115	613	44	2 845	3 637	572	8 560
Saint Kitts and Nevis			1	3	2	1	0	7
Saint Lucia			3	10	30	4	0	48
Saint Vincent and the Grenadines	1	19	6	3	76	14	2	120
Samoa		0	1	181	49	40	1	273
San Marino								
Sao Tome and Principe	1		3	31	52	13	3	103
Saudi Arabia	1 345		639	6	3 195	472	17	5 673
Senegal	2 769	1 094	998	1 613	1 484	1 338	200	9 495
Serbia	10 458	2 305	640	1 519	1 858	709	85	17 573
Seychelles			4	4	3	0	0	10
Sierra Leone	1 085	79	388	372	287	4 770	145	7 127
Singapore			27	0	0	0	0	27
Slovakia	4 104	1 252	113	680	89	182	20	6 441
Slovenia	642	11	90	17	174	66	6	1 006
Solomon Islands	3		6	389	32	205	12	647
Somalia	184	227	111	63	208	102	29	925
South Africa	13 312	19 482	2 593	2 058	7 218	2 594	143	47 401
South Sudan	818		771	432	583	636	48	3 288
Spain	20 589	2 753	13 259	6 919	18 318	2 259	1 004	65 101
Sri Lanka	4 838	653	848	2 504	804	418	750	10 815
Sudan	5 630	5 449	3 869	4 439	3 317	912	526	24 143
Suriname	274	124	23	15	99	10	0	546
Sweden	6 148	2 029	310	386	41	847	129	9 890
Switzerland	933	1 455	380	91	395	414	21	3 689

TABLE 17.
PRODUCTION OF PRIMARY CROPS BY GROUP, 2019 (THOUSAND TONNES) (CONTINUED)

COUNTRY	CEREALS	SUGAR CROPS	VEGETABLES	OIL CROPS	FRUIT	ROOTS AND TUBERS	OTHER	TOTAL
Syrian Arab Republic	6 359	18	2 021	1 009	2 599	636	440	13 082
Tajikistan	1 336		2 347	439	1 300	994	105	6 520
Thailand	33 163	131 002	2 725	17 780	9 610	31 628	5 850	231 758
Timor-Leste	156		36	13	18	50	37	310
Togo	1 372		149	348	72	2 020	274	4 236
Tonga			27	38	8	24	0	98
Trinidad and Tobago	6		16	15	73	9	4	123
Tunisia	2 420	75	3 143	890	2 120	440	237	9 324
Turkey	34 399	18 086	25 339	6 390	23 313	4 981	3 244	115 751
Turkmenistan	1 689	245	670	582	676	315	18	4 196
Tuvalu			1	2	1	0	0	3
Uganda	3 462	4 892	1 672	747	4 025	4 973	1 425	21 195
Ukraine	74 442	10 205	9 707	22 304	2 919	20 269	845	140 692
United Arab Emirates	7		315		361	1	1	685
United Kingdom of Great Britain and Northern Ireland	25 517	7 450	2 434	1 779	681	5 252	946	44 059
United Republic of Tanzania	10 399	3 589	3 543	3 270	5 794	13 130	2 204	41 931
United States of America	421 549	54 918	30 000	115 108	25 304	20 634	5 790	673 303
Uruguay	3 565	359	175	2 948	420	175	10	7 652
Uzbekistan	6 992		9 985	2 803	5 798	3 090	223	28 891
Vanuatu	1		14	305	22	54	2	398
Venezuela (Bolivarian Republic of)	2 743	4 405	1 136	625	3 526	1 116	129	13 678
Viet Nam	48 208	15 270	16 966	2 223	10 027	11 842	4 673	109 209
Yemen	457	0	478	46	1 158	233	198	2 570
Zambia	2 229	4 994	468	519	116	4 185	196	12 706
Zimbabwe	994	3 562	242	253	310	303	312	5 976

Complete series are available at <http://www.fao.org/faostat/en/#data/QCL>

TABLE 18.
PRODUCTION OF PRIMARY CROPS MAIN COMMODITIES, 2019 (THOUSAND TONNES)

COUNTRY	SUGAR CANE	MAIZE	WHEAT	RICE, PADDY	OIL PALM FRUIT	POTATOES	OTHER CROPS	TOTAL
World	1 949 310	1 148 487	765 770	755 474	410 697	370 437	3 956 331	9 356 505
Africa	97 330	81 891	26 921	38 771	21 868	26 534	652 796	946 111
Americas	1 007 181	564 928	116 840	35 326	23 042	45 084	728 721	2 521 121
Asia	810 690	368 347	337 890	677 277	362 796	189 810	1 938 991	4 685 800
Europe		132 773	266 123	4 024		107 265	601 624	1 111 809
Oceania	34 109	548	17 996	76	2 991	1 743	34 200	91 664
Afghanistan	37	185	4 890	383		921	4 885	11 299
Albania		389	233			261	1 974	2 857
Algeria		6	3 877	0		5 020	17 261	26 164
Andorra								
Angola	658	2 819	2	10	281	455	17 593	21 818
Antigua and Barbuda		0					13	14
Argentina	17 653	56 861	19 460	1 190		2 209	82 371	179 743
Armenia		5	113			404	1 335	1 856
Australia	32 415	327	17 598	67		1 225	22 858	74 490
Austria		2 299	1 597			751	5 132	9 779
Azerbaijan		284	2 114	11		1 004	5 077	8 490
Bahamas	61	1					91	153
Bahrain					0		41	41
Bangladesh	3 142	3 569	1 017	54 586		9 655	15 663	87 632
Barbados	85	0					25	110
Belarus		1 093	2 309			6 105	11 907	21 414
Belgium		429	1 902	0		4 028	8 483	14 842
Belize	1 794	58		14		2	257	2 124
Benin	10	1 500		406	733	0	10 216	12 865
Bhutan	0	46	1	50		44	180	321
Bolivia (Plurinational State of)	9 558	988	237	600		1 257	6 871	19 511
Bosnia and Herzegovina		1 236	265			381	1 411	3 293
Botswana		7	0			2	263	272
Brazil	752 895	101 139	5 604	10 369	2 583	3 697	204 243	1 080 530
Brunei Darussalam				2			19	21
Bulgaria		4 060	6 320	71		197	4 096	14 744
Burkina Faso	491	1 711		377		69	5 965	8 613
Burundi	167	271	5	89	89	376	7 224	8 220
Cabo Verde	21	1				3	65	89
Cambodia	661	1 410		10 886	160		15 496	28 613
Cameroon	1 286	2 310	1	313	2 165	364	22 592	29 031
Canada		13 404	32 348			5 410	52 011	103 173
Central African Republic	120	90		10	2	1	2 120	2 343
Chad	477	415	2	291		40	5 194	6 418
Chile		973	1 400	175		1 163	11 797	15 508
China	109 963	260 958	133 601	211 405	666	91 881	1 013 134	1 821 609
Colombia	32 663	1 395	6	3 012	8 390	3 124	16 614	65 204

TABLE 18.
PRODUCTION OF PRIMARY CROPS MAIN COMMODITIES, 2019 (THOUSAND TONNES) (CONTINUED)

COUNTRY	SUGAR CANE	MAIZE	WHEAT	RICE, PADDY	OIL PALM FRUIT	POTATOES	OTHER CROPS	TOTAL
Comoros		7		36		1	233	276
Congo	707	14		1	156	6	2 019	2 903
Costa Rica	4 421	6		154	1 082	84	7 568	13 315
Côte d'Ivoire	1 968	1 100		1 884	2 055		20 738	27 745
Croatia		2 298	803	0		173	2 044	5 319
Cuba	8 725	307		378		130	5 952	15 491
Cyprus			29	0		82	243	354
Czechia		620	4 812	0		623	7 634	13 689
Democratic People's Republic of Korea		2 567	27	2 804		685	6 616	12 698
Democratic Republic of the Congo	2 319	2 139	11	1 379	1 835	103	50 277	58 064
Denmark		41	4 642	0		2 409	8 292	15 384
Djibouti	0	0					48	48
Dominica	5	0				0	104	109
Dominican Republic	4 896	50		1 081	288	94	7 235	13 644
Ecuador	9 258	1 480	5	1 100	2 276	275	9 208	23 601
Egypt	16 316	7 450	9 000	6 690		5 078	45 146	89 681
El Salvador	7 178	870		35		10	905	8 997
Equatorial Guinea					36		334	370
Eritrea		20	25			0	420	465
Estonia		0	847	0		80	1 113	2 040
Eswatini	5 666	95	1	1		9	205	5 976
Ethiopia	1 499	9 636	5 315	171		925	26 127	43 673
Fiji	1 515	1		6		0	252	1 774
Finland			914	0		619	4 023	5 556
France		12 845	40 605	83		8 560	75 289	137 382
Gabon	300	47		2	20		1 188	1 558
Gambia		17		22	35		220	294
Georgia		207	101			195	814	1 317
Germany		3 665	23 063	0		10 602	56 620	93 950
Ghana	154	2 760		925	2 655		43 206	49 700
Greece		1 234	979	221		470	8 412	11 316
Grenada	7	0					111	118
Guatemala	29 087	1 870	0	42	3 270	571	9 216	44 056
Guinea	312	871		2 599	848	162	6 662	11 454
Guinea-Bissau	7	7		187	81		620	902
Guyana	1 042	4		1 050			573	2 669
Haiti	1 690	220		177		45	2 799	4 930
Honduras	5 409	595	1	57	2 337	27	2 645	11 072
Hungary		8 230	5 378	11		344	7 838	21 800
Iceland						8	13	21
India	405 416	27 715	103 596	177 645		50 190	357 998	1 122 560
Indonesia	29 100	30 693		54 604	245 633	1 315	75 478	436 823
Iran (Islamic Republic of)	9 285	1 400	16 800	1 993		3 483	40 505	73 467

TABLE 18.
PRODUCTION OF PRIMARY CROPS MAIN COMMODITIES, 2019 (THOUSAND TONNES) (CONTINUED)

COUNTRY	SUGAR CANE	MAIZE	WHEAT	RICE, PADDY	OIL PALM FRUIT	POTATOES	OTHER CROPS	TOTAL
Iraq	0	473	4 343	575		392	4 810	10 594
Ireland		0	595	0		382	1 962	2 940
Israel		78	85			524	2 988	3 675
Italy		6 279	6 739	1 493		1 338	34 894	50 744
Jamaica	774	2		0		16	1 034	1 826
Japan	1 165	0	1 037	10 527		2 173	19 021	33 923
Jordan		21	26			174	2 042	2 263
Kazakhstan		896	11 297	561		3 912	15 463	32 128
Kenya	4 606	3 897	366	161		2 000	11 119	22 149
Kiribati							174	174
Kuwait		15	0			46	447	508
Kyrgyzstan		712	601	41		1 374	3 181	5 909
Lao People's Democratic Republic	1 971	717		3 438		16	9 085	15 226
Latvia		0	2 371	0		224	1 381	3 975
Lebanon		3	130			572	1 972	2 677
Lesotho		35	2			131	53	220
Liberia	273			170	176		1 065	1 684
Libya		4	140			359	1 649	2 152
Lithuania		98	3 844	0		330	3 500	7 771
Luxembourg		1	82	0		15	108	206
Madagascar	3 174	219	5	4 231	21	250	6 520	14 421
Malawi	3 137	3 030	1	133		1 219	18 843	26 363
Malaysia	21	54		2 912	99 065		3 990	106 042
Maldives		0					13	13
Mali	370	3 817	8	3 196		303	9 972	17 667
Malta		0	0	0		9	56	65
Marshall Islands							18	18
Mauritania		16	9	383		2	170	580
Mauritius	3 405	0		0		15	94	3 514
Mexico	59 334	27 228	3 244	245	1 194	1 784	49 374	142 404
Micronesia (Federated States of)		0		0			66	66
Mongolia			411			192	156	759
Montenegro		3	2			27	108	139
Morocco	519	40	4 025	65		1 957	18 002	24 608
Mozambique	4 107	2 085	18	341		298	8 284	15 133
Myanmar	11 846	1 986	111	26 270		486	20 387	61 085
Namibia		45	6			19	554	624
Nauru		0					3	3
Nepal	3 558	2 653	2 006	5 610		3 113	7 423	24 363
Netherlands		148	1 131	0		6 961	12 551	20 791
New Zealand		196	398			514	3 073	4 180
Nicaragua	7 372	400		468	86	74	1 819	10 219
Niger	321	38	5	122		198	12 820	13 504

TABLE 18.
PRODUCTION OF PRIMARY CROPS MAIN COMMODITIES, 2019 (THOUSAND TONNES) (CONTINUED)

COUNTRY	SUGAR CANE	MAIZE	WHEAT	RICE, PADDY	OIL PALM FRUIT	POTATOES	OTHER CROPS	TOTAL
Nigeria	1 456	11 000	60	8 435	10 025	1 397	165 760	198 133
North Macedonia		148	240	21		191	1 470	2 070
Norway			459			332	1 110	1 901
Oman	1	9	4			16	1 233	1 263
Pakistan	66 880	7 236	24 349	11 115		4 869	22 960	137 410
Palau								
Panama	2 671	110		305	28	26	771	3 911
Papua New Guinea	176	14		1	2 682	1	6 476	9 350
Paraguay	5 820	5 577	1 358	1 069	158	4	13 429	27 414
Peru	10 929	1 580	191	3 188	913	5 331	13 393	35 525
Philippines	20 719	7 979		18 815	499	116	42 700	90 828
Poland		3 665	10 807	0		6 482	39 928	60 882
Portugal		749	62	153		491	5 450	6 904
Qatar		1	0			0	92	92
Republic of Korea		76	15	5 016		630	13 913	19 651
Republic of Moldova		2 130	1 147			177	3 683	7 137
Romania		17 432	10 297	40		2 627	13 419	43 815
Russian Federation		14 282	74 453	1 099		22 075	128 721	240 629
Rwanda	115	421	16	132		973	6 903	8 560
Saint Kitts and Nevis						0	7	7
Saint Lucia							48	48
Saint Vincent and the Grenadines	19	1					100	120
Samoa	0						273	273
San Marino								
Sao Tome and Principe		1			18		84	103
Saudi Arabia		48	534	0		472	4 619	5 673
Senegal	1 094	531		1 156	145	140	6 430	9 495
Serbia		7 345	2 535			702	6 992	17 573
Seychelles							10	10
Sierra Leone	79	39		947	257		5 804	7 127
Singapore							27	27
Slovakia		1 445	1 939	0		182	2 874	6 441
Slovenia		360	140	0		66	440	1 006
Solomon Islands				3	309		335	647
Somalia	227	57	1	1			639	925
South Africa	19 482	11 276	1 535	3		2 506	12 599	47 401
South Sudan		103					3 185	3 288
Spain		4 184	6 041	779		2 259	51 838	65 101
Sri Lanka	653	246		4 592		102	5 223	10 815
Sudan	5 449	25	726	32		466	17 445	24 143
Suriname	124	0		274	1		147	546
Sweden		11	3 477	0		847	5 555	9 890
Switzerland		175	497			414	2 603	3 689

TABLE 18.
PRODUCTION OF PRIMARY CROPS MAIN COMMODITIES, 2019 (THOUSAND TONNES) (CONTINUED)

COUNTRY	SUGAR CANE	MAIZE	WHEAT	RICE, PADDY	OIL PALM FRUIT	POTATOES	OTHER CROPS	TOTAL
Syrian Arab Republic		215	3 085			636	9 146	13 082
Tajikistan		233	837	106		994	4 350	6 520
Thailand	131 002	4 309	1	28 357	16 772	128	51 187	231 758
Timor-Leste		76		80		1	152	310
Togo		912		147	159		3 018	4 236
Tonga							98	98
Trinidad and Tobago		5		1			117	123
Tunisia			1 440			440	7 444	9 324
Turkey		6 000	19 000	1 000		4 980	84 771	115 751
Turkmenistan		40	1 500	130		315	2 211	4 196
Tuvalu							3	3
Uganda	4 892	2 575	24	220		182	13 303	21 195
Ukraine		35 880	28 370	55		20 269	56 117	140 692
United Arab Emirates		7				1	677	685
United Kingdom of Great Britain and Northern Ireland			16 225			5 252	22 582	44 059
United Republic of Tanzania	3 589	5 652	63	3 475	76	1 013	28 062	41 931
United States of America	28 973	347 048	52 258	8 377		19 182	217 466	673 303
Uruguay	359	816	728	1 200		94	4 456	7 652
Uzbekistan		421	6 093	315		3 090	18 972	28 891
Vanuatu		1					397	398
Venezuela (Bolivarian Republic of)	4 380	1 941	1	765	435	477	5 679	13 678
Viet Nam	15 270	4 756		43 449		334	45 400	109 209
Yemen	0	48	100			233	2 189	2 570
Zambia	4 994	2 004	152	30		39	5 487	12 706
Zimbabwe	3 562	777	80	2		13	1 543	5 976

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TABLE 19.
PRODUCTION OF VEGETABLE OILS MAIN COMMODITIES (THOUSAND TONNES)

COUNTRY	2018					TOTAL VEGETABLE OILS		
	OIL, PALM	OIL, SOYBEAN	OIL, RAPESEED	OIL, SUNFLOWER	OTHER	2000	2010	2018
World	71 468	56 913	24 580	18 409	29 940	92 214	148 642	201 309
Africa	2 680	1 008	62	780	3 172	4 812	5 751	7 702
Americas	4 864	30 148	5 529	1 781	3 837	25 424	34 563	46 159
Asia	63 241	21 642	8 165	1 880	19 346	45 928	83 794	114 274
Europe	0	4 110	10 440	13 956	3 345	15 235	23 467	31 851
Oceania	683	5	383	12	240	815	1 067	1 323
Afghanistan				3	27	17	6	30
Albania		0		0	11	2	2	12
Algeria			7	4	126	41	67	138
Andorra								
Angola	53			4	42	63	83	99
Antigua and Barbuda					0	0	0	0
Argentina	7 249	6	1 305	208	5 419	8 272	8 768	
Armenia				0	0		1	0
Australia	5	383	12	97	319	403	498	
Austria	24	149	68	2	130	199	243	
Azerbaijan	0		31	19	10	12	49	
Bahamas								
Bahrain								
Bangladesh	227	135		97	232	179	459	
Barbados	5			0	4	4	4	5
Belarus	61	305	6	1	17	160	373	
Belgium	29	645	43	195	647	699	911	
Belize	1			0			1	
Benin	70	15		33	62	75	118	
Bhutan								
Bolivia (Plurinational State of)	473		53	12	215	386	538	
Bosnia and Herzegovina	6	4	33	0	2	37	43	
Botswana				0	2	1	0	
Brazil	362	9 305	15	108	525	4 510	7 723	10 316
Brunei Darussalam								
Bulgaria	2	27	487	8	162	177	523	
Burkina Faso				73	23	67	73	
Burundi	17			5	4	16	22	
Cabo Verde								
Cambodia	32	16		11	13	23	59	
Cameroon	300			120	191	413	420	
Canada	382	4 118	24	79	1 694	2 828	4 602	
Central African Republic	0			47	36	42	47	
Chad				66	40	38	66	
Chile	22	84	1	24	33	36	131	
China	188	16 627	3 643	252	4 136	11 038	19 483	24 847
Colombia	1 646	128	0	40	154	661	921	1 968

TABLE 19.
PRODUCTION OF VEGETABLE OILS MAIN COMMODITIES (THOUSAND TONNES) (CONTINUED)

COUNTRY	2018					TOTAL VEGETABLE OILS		
	OIL, PALM	OIL, SOYBEAN	OIL, RAPESEED	OIL, SUNFLOWER	OTHER	2000	2010	2018
Comoros					6	5	5	6
Congo	26				2	19	28	29
Costa Rica	250	49			18	184	286	317
Côte d'Ivoire	450				98	334	434	548
Croatia		0	5	30	14	43	55	49
Cuba		23			1	6	29	24
Cyprus					3	4	2	3
Czechia		6	479	85	2	225	334	572
Democratic People's Republic of Korea	35	36			30	62	77	101
Democratic Republic of the Congo	99				28	218	232	127
Denmark		0	243	0	4	158	212	246
Djibouti								
Dominica					1	1	1	1
Dominican Republic	53	4			16	37	55	73
Ecuador	560	6			49	245	446	615
Egypt		560		36	68	142	342	663
El Salvador					4	6	3	4
Equatorial Guinea	6				0	6	6	6
Eritrea					1	0	1	1
Estonia		56	1	1	1	6	26	57
Eswatini					0	0	0	0
Ethiopia		12			46	21	48	58
Fiji					3	8	5	3
Finland		8	56	4	0	95	122	69
France		150	1 783	615	90	1 268	2 620	2 637
Gabon	3	1			0	7	3	4
Gambia	4				12	33	23	16
Georgia				0	0	2	8	0
Germany		645	3 146	95	83	2 827	3 660	3 970
Ghana	313				136	156	218	448
Greece	0	58	5	57	356	565	464	476
Grenada					0	0	0	0
Guatemala	875	6			81	78	210	962
Guinea	50				116	102	136	166
Guinea-Bissau	6				20	18	23	26
Guyana					3	2	1	3
Haiti					0	0	0	0
Honduras	653	0			83	110	389	736
Hungary		27	85	694	40	197	284	845
Iceland			0		0			0
India		1 508	2 475	67	3 248	5 483	7 865	7 298
Indonesia	40 567	525		7	5 270	8 873	25 619	46 369
Iran (Islamic Republic of)		447	67	50	36	171	400	601

TABLE 19.
PRODUCTION OF VEGETABLE OILS MAIN COMMODITIES (THOUSAND TONNES) (CONTINUED)

COUNTRY	2018					TOTAL VEGETABLE OILS		
	OIL, PALM	OIL, SOYBEAN	OIL, RAPESEED	OIL, SUNFLOWER	OTHER	2000	2010	2018
Iraq	0			12	12	17	19	25
Ireland	8	7			0	10	10	15
Israel	75	23	5	21	129	108	125	
Italy	387	29	153	386	1 123	1 137	955	
Jamaica	0				11	6	11	11
Japan	466	1 026	0	142	1 822	1 599	1 635	
Jordan					28	30	25	28
Kazakhstan	20	29	264	51	55	232	365	
Kenya			2	21	24	24	23	
Kiribati					3	0	3	3
Kuwait	0				0	0	1	0
Kyrgyzstan		0	0	11	9	18	11	
Lao People's Democratic Republic	1				9	4	7	9
Latvia	2	50	1	0	1	54	52	
Lebanon	53		6	31	21	43	90	
Lesotho								
Liberia	42				4	47	47	46
Libya					17	10	15	17
Lithuania	0	75	0	0	4	14	75	
Luxembourg	0	0	0	0	3	2	0	
Madagascar	4				10	19	18	14
Malawi				4	56	18	27	61
Malaysia	19 516	100	16	7	2 347	12 408	19 181	21 987
Maldives					0	1	0	0
Mali	0				96	68	48	96
Malta					0	0	0	0
Marshall Islands								
Mauritania					0	1	0	0
Mauritius					0	0	0	0
Mexico	115	797	566	13	280	945	1 190	1 771
Micronesia (Federated States of)						3	3	
Mongolia								
Montenegro					0		0	0
Morocco	4	1	14	190	134	235	209	
Mozambique			4	64	86	89	68	
Myanmar	23		74	452	283	913	548	
Namibia			0	0	1	1	0	
Nauru								
Nepal	15	30		7	27	23	52	
Netherlands	649	57	294	51	1 209	1 248	1 050	
New Zealand					2	2	2	2
Nicaragua	90	2			29	17	33	121
Niger					35	18	29	35

TABLE 19.
PRODUCTION OF VEGETABLE OILS MAIN COMMODITIES (THOUSAND TONNES) (CONTINUED)

COUNTRY	2018					TOTAL VEGETABLE OILS		
	OIL, PALM	OIL, SOYBEAN	OIL, RAPESEED	OIL, SUNFLOWER	OTHER	2000	2010	2018
Nigeria	1 130	95			578	1 608	1 389	1 802
North Macedonia		0	0	5	2	2	5	7
Norway		77	5	0	0	76	88	82
Oman					12	2	3	12
Pakistan		428	378	53	414	713	891	1 273
Palau								
Panama	18	7			0	12	12	25
Papua New Guinea	648				93	425	594	741
Paraguay	4	756	12	18	9	193	427	800
Peru	198	1			22	41	84	221
Philippines	125	31			1 372	1 463	2 043	1 528
Poland		3	1 190	5	35	348	961	1 233
Portugal		173	56	94	116	238	363	439
Qatar								
Republic of Korea	190	2			66	247	212	258
Republic of Moldova		2	2	102	9	22	88	115
Romania		42	177	515	5	325	412	739
Russian Federation	744	506	4 643	35	1 416	3 008	5 929	
Rwanda					2	1	3	2
Saint Kitts and Nevis					1	0	0	1
Saint Lucia					0	2	0	0
Saint Vincent and the Grenadines	0				0	0	0	1
Samoa					5	6	5	5
San Marino								
Sao Tome and Principe	4				1	2	4	5
Saudi Arabia		105			43	15	82	148
Senegal	14				182	171	181	196
Serbia		51	7	226	4		231	288
Seychelles					0	0	0	0
Sierra Leone	71				17	46	73	88
Singapore		4			10	12	8	14
Slovakia		10	92	13	2	59	102	117
Slovenia			0		3	0	4	3
Solomon Islands	35				15	44	34	50
Somalia					14	9	10	14
South Africa		185	42	297	96	409	460	619
South Sudan				16	28			44
Spain	573	62	525	1 839	1 977	2 475	3 000	
Sri Lanka		1			57	46	67	57
Sudan			30	217				247
Suriname	0				2	1	1	2
Sweden		5	131	6	1	104	139	143
Switzerland	3	32	9	2	51	44	47	

TABLE 19.
PRODUCTION OF VEGETABLE OILS MAIN COMMODITIES (THOUSAND TONNES) (CONTINUED)

COUNTRY	2018					TOTAL VEGETABLE OILS		
	OIL, PALM	OIL, SOYBEAN	OIL, RAPESEED	OIL, SUNFLOWER	OTHER	2000	2010	2018
Syrian Arab Republic	2		1	124		260	366	126
Tajikistan			8	16		23	15	24
Thailand	2 777	388		10	311	860	1 709	3 486
Timor-Leste	0				1	0	0	1
Togo	10	0			29	27	34	38
Tonga					7	1	3	7
Trinidad and Tobago	0				1	14	4	2
Tunisia		118		3	279	119	246	400
Turkey	266	43	990		461	1 034	1 638	1 761
Turkmenistan					50	31	79	50
Tuvalu					0	0	0	0
Uganda		15		84	51	72	147	150
Ukraine	0	235	140	5 149	14	1 012	3 096	5 538
United Arab Emirates		13	297		0		314	310
United Kingdom of Great Britain and Northern Ireland		132	833	0	34	806	936	1 000
United Republic of Tanzania	9			264	93	112	165	365
United States of America		10 884	717	211	2 161	10 806	11 040	13 973
Uruguay		12	10	0	7	19	18	29
Uzbekistan		1	1	38	184	316	283	224
Vanuatu					5	2	11	5
Venezuela (Bolivarian Republic of)	40	36		7	57	160	154	140
Viet Nam		74			214	180	203	288
Yemen					8	11	12	8
Zambia		4		16	13	14	16	33
Zimbabwe		12		2	36	80	60	49

Complete series are available at <http://www.fao.org/faostat/en/#data/QCL>

TABLE 20.
PRODUCTION OF RAW SUGAR (THOUSAND TONNES)

COUNTRY	2000	2005	2010	2013	2014	2015	2016	2017	2018
World	132 551	141 781	155 183	178 979	179 870	173 911	177 532	177 908	182 166
Africa	9 438	10 148	10 141	11 026	10 963	10 634	10 252	11 243	11 691
Americas	45 815	56 168	66 519	69 837	67 103	64 639	70 683	67 143	58 757
Asia	45 738	43 078	52 384	69 001	69 308	69 927	65 029	62 605	77 849
Europe	25 723	26 818	21 445	24 550	27 835	23 640	26 272	31 764	29 046
Oceania	5 837	5 570	4 694	4 565	4 661	5 071	5 296	5 153	4 823
Afghanistan	1	1	2	2	2	1	0	0	1
Albania	3	3	4	4	4	3	3	3	3
Algeria									
Andorra									
Angola	30	30	50	51	52	40	56	68	75
Antigua and Barbuda									
Argentina	1 558	2 139	2 038	1 789	2 192	2 106	2 151	1 857	1 850
Armenia		2	4	8	7	7	7	7	7
Australia	5 448	5 234	4 519	4 300	4 364	4 816	5 058	4 939	4 605
Austria	447	489	465	522	514	426	521	516	353
Azerbaijan		4	9	19	18	18	21	28	26
Bahamas									
Bahrain									
Bangladesh	134	115	66	116	139	84	63	127	87
Barbados	58	38	26	17	16	11	7	10	12
Belarus	201	434	458	665	593	458	641	710	675
Belgium	1 023	999	747	849	888	732	696	1 052	957
Belize	122	106	88	118	123	142	146	178	178
Benin	5	6	5	5	3	2	2	1	2
Bhutan									
Bolivia (Plurinational State of)	345	403	456	499	433	390	396	522	560
Bosnia and Herzegovina	0	0	0	0	0	0	0	0	0
Botswana									
Brazil	17 100	29 500	39 872	39 494	37 313	35 194	40 534	36 745	28 001
Brunei Darussalam									
Bulgaria	2	5	0	0	0	0	0	0	0
Burkina Faso	30	40	40	32	27	42	30	25	25
Burundi	26	23	14	26	25	25	24	26	26
Cabo Verde									
Cambodia	9	7	10	8	15	25	35	40	48
Cameroon	82	115	116	125	121	127	125	130	128
Canada	121	103	94	106	96	102	130	136	136
Central African Republic	14	12	11	11	11	12	12	11	11
Chad	32	35	38	39	33	35	34	33	33
Chile	482	397	300	303	272	259	222	267	262
China	7 021	9 666	11 423	14 507	14 741	11 758	9 664	10 245	11 440
Colombia	2 391	2 683	2 078	2 127	2 379	2 355	2 091	2 234	2 335
Comoros									

TABLE 20.
PRODUCTION OF RAW SUGAR (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2013	2014	2015	2016	2017	2018
Congo	42	63	73	74	69	75	70	70	82
Costa Rica	366	383	361	448	481	435	446	452	431
Côte d'Ivoire	152	180	154	190	179	203	196	201	205
Croatia	57	204	247	201	335	130	250	275	275
Cuba	4 057	1 298	1 161	1 534	1 642	1 740	1 694	1 582	1 233
Cyprus									
Czechia	472	607	499	586	596	496	644	691	623
Democratic People's Republic of Korea									
Democratic Republic of the Congo	72	74	102	80	81	94	96	99	102
Denmark	595	495	372	420	518	337	435	431	382
Djibouti	0	0	0	0	0	0	0	0	0
Dominica									
Dominican Republic	461	470	525	544	561	496	408	491	515
Ecuador	516	581	497	608	593	576	653	590	575
Egypt	1 476	1 628	2 084	2 085	2 114	2 485	2 500	2 550	2 600
El Salvador	524	587	567	711	739	823	679	800	788
Equatorial Guinea									
Eritrea									
Estonia									
Eswatini	528	653	606	694	708	636	651	735	760
Ethiopia	255	358	352	353	397	256	380	450	289
Fiji	335	292	135	232	264	222	203	179	183
Finland	144	189	80	74	100	65	77	70	58
France	4 590	4 550	4 149	4 332	4 018	4 692	4 310	5 648	5 801
Gabon	20	21	24	24	28	28	28	28	25
Gambia									
Georgia	3	0	0	0	0	0	0	0	0
Germany	4 765	4 049	3 640	3 613	4 564	3 206	3 745	5 356	4 195
Ghana									
Greece	400	326	84	44	58	27	38	40	35
Grenada									
Guatemala	1 632	2 015	2 336	2 691	2 734	2 877	2 703	2 867	2 907
Guinea	25	25	25	25	24	24	25	25	26
Guinea-Bissau									
Guyana	273	246	221	232	216	231	184	137	105
Haiti	10	10	10	10	13	12	12	12	13
Honduras	328	381	433	503	517	515	581	533	553
Hungary	291	521	121	126	115	122	144	157	145
Iceland									
India	20 219	14 170	20 637	27 737	26 605	30 460	27 385	22 200	34 309
Indonesia	1 780	2 050	1 770	2 080	2 575	2 535	2 363	2 191	2 172
Iran (Islamic Republic of)	801	1 346	1 392	1 380	1 335	1 657	1 786	2 191	1 525
Iraq	2	0	1	1	1	2	1	1	1
Ireland	238	217	0	0	11	10	9	10	10

TABLE 20.
PRODUCTION OF RAW SUGAR (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2013	2014	2015	2016	2017	2018
Israel	0	0	0	0	0	0	0	0	0
Italy	1 687	1 287	476	311	500	313	277	337	235
Jamaica	203	127	117	120	143	129	79	81	77
Japan	784	904	646	680	729	805	678	784	734
Jordan									
Kazakhstan	21	42	13	5	11	18	41	53	80
Kenya	402	488	524	600	593	636	410	534	625
Kiribati									
Kuwait									
Kyrgyzstan	63	31	15	27	28	25	68	100	122
Lao People's Democratic Republic		1	8	7	7	18	18	15	16
Latvia	63	77							
Lebanon	34	8	0	0	0	0	0	0	0
Lesotho									
Liberia	4	4	5	5	5	5	5	5	5
Libya									
Lithuania	138	136	113	180	159	104	146	140	147
Luxembourg									
Madagascar	70	27	80	98	57	87	87	90	90
Malawi	207	272	281	309	295	290	269	240	250
Malaysia	108	62	45	28	28	2	2	2	1
Maldives									
Mali	29	35	34	36	125	95	95	100	100
Malta									
Marshall Islands									
Mauritania									
Mauritius	569	520	452	405	400	366	386	355	323
Mexico	4 985	5 619	4 826	6 975	6 021	5 985	6 945	7 043	7 144
Micronesia (Federated States of)									
Mongolia									
Montenegro									
Morocco	523	517	413	396	552	660	560	604	645
Mozambique	39	265	325	383	413	383	294	340	430
Myanmar	93	38	21	23	27	24	25	25	27
Namibia									
Nauru									
Nepal	84	124	76	129	133	147	140	125	178
Netherlands	1 153	1 093	949	1 030	1 223	859	1 015	1 445	1 300
New Zealand									
Nicaragua	391	427	489	748	744	694	622	734	776
Niger	21	22	22	20	21	31	21	24	24
Nigeria	36	35	30	38	15	16	23	25	30
North Macedonia	13	11	1	1	1	1	1	1	1
Norway					0	0	0	0	0

TABLE 20.
PRODUCTION OF RAW SUGAR (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2013	2014	2015	2016	2017	2018
Oman									
Pakistan	2 894	3 188	3 410	5 504	5 162	5 115	7 048	6 621	5 462
Palau									
Panama	156	164	154	175	166	176	174	167	170
Papua New Guinea	54	44	40	33	33	33	35	35	35
Paraguay	135	207	254	260	201	136	143	147	140
Peru	747	695	1 019	1 174	1 203	1 119	1 148	1 081	1 183
Philippines	1 676	2 238	1 717	2 451	2 321	2 239	2 208	2 504	2 115
Poland	2 188	2 010	1 593	1 933	2 224	1 592	2 266	2 539	2 555
Portugal	60	83	2	2	0	0	0	0	0
Qatar									
Republic of Korea									
Republic of Moldova	111	145	103	140	178	92	100	129	129
Romania	54	74	99	144	218	151	150	191	108
Russian Federation	1 667	2 718	2 782	4 959	5 249	5 743	6 045	6 665	6 273
Rwanda	4	7	10	11	10	5	9	10	11
Saint Kitts and Nevis	18	11							
Saint Lucia									
Saint Vincent and the Grenadines	2	2	2	2	2	2	2	2	2
Samoa									
San Marino									
Sao Tome and Principe									
Saudi Arabia									
Senegal	90	90	102	108	110	115	125	125	125
Serbia			536	553	642	358	529	548	510
Seychelles									
Sierra Leone	7	6	8	6	6	6	6	6	8
Singapore									
Slovakia	140	264	153	188	232	190	223	195	209
Slovenia	50	63	0	0	0	0	0	0	0
Solomon Islands									
Somalia	22	15	23	23	23	23	22	22	20
South Africa	2 729	2 507	2 187	2 435	2 192	1 684	1 620	2 115	2 314
South Sudan									
Spain	1 243	1 093	560	319	636	623	517	583	460
Sri Lanka	64	54	31	53	52	62	65	70	47
Sudan				762	657	591	601	644	586
Suriname	10	5	6	6	8	7	6	6	6
Sweden	448	439	342	411	420	211	371	350	345
Switzerland	238	247	241	242	340	261	225	276	219
Syrian Arab Republic	109	148	233	57	12	5	2	2	2
Tajikistan									
Thailand	5 833	5 425	6 929	10 024	11 249	10 998	9 258	10 728	15 435
Timor-Leste									

TABLE 20.
PRODUCTION OF RAW SUGAR (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2013	2014	2015	2016	2017	2018
Togo									
Tonga									
Trinidad and Tobago	111	33	0	0	0	0	0	0	0
Tunisia	3	0	0	3	10	12	14	15	15
Turkey	2 755	2 250	2 473	2 350	2 224	2 046	2 420	2 791	2 468
Turkmenistan	30	30	30	40	15	35	36	35	20
Tuvalu									
Uganda	137	211	297	360	438	419	302	365	430
Ukraine	1 687	2 054	1 546	1 262	2 053	1 459	1 997	2 043	1 900
United Arab Emirates									
United Kingdom of Great Britain and Northern Ireland	1 440	1 458	1 082	1 439	1 445	978	897	1 364	1 144
United Republic of Tanzania	117	278	289	333	300	315	329	352	371
United States of America	7 955	6 712	8 153	8 148	7 713	7 711	8 289	8 172	8 505
Uruguay	8	8	9	9	22	25	22	25	25
Uzbekistan	11		0	0	0	0	0	0	0
Vanuatu									
Venezuela (Bolivarian Republic of)	673	740	429	487	559	391	217	272	275
Viet Nam	1 209	1 175	1 423	1 765	1 871	1 842	1 695	1 719	1 526
Yemen									
Zambia	189	232	409	423	421	399	391	429	448
Zimbabwe	585	430	335	460	448	412	453	391	453

Complete series are available at <http://www.fao.org/faostat/en/#data/QCL>

TABLE 21.
PRODUCTION OF MEAT (THOUSAND TONNES)

COUNTRY	2019				TOTAL MEAT			
	MEAT, CHICKEN	MEAT, PIG	MEAT, CATTLE	OTHER	2000	2010	2015	2019
World	118 017	110 110	68 314	40 198	233 287	294 381	325 270	336 639
Africa	6 207	1 654	6 556	6 297	11 549	16 540	19 115	20 714
Americas	47 993	23 331	33 068	4 848	73 677	92 312	99 352	109 240
Asia	42 812	54 862	15 055	22 809	91 355	123 062	138 839	135 538
Europe	19 481	29 700	10 585	4 527	51 305	56 592	61 010	64 292
Oceania	1 524	562	3 051	1 718	5 401	5 875	6 956	6 855
Afghanistan	28		95	146	321	328	303	269
Albania	12	10	37	25	67	91	89	84
Algeria	264	0	147	393	564	635	772	804
Andorra								
Angola	49	136	99	35	149	217	287	318
Antigua and Barbuda	0	0	0	0	1	0	0	0
Argentina	2 203	630	3 136	183	4 101	4 722	5 485	6 152
Armenia	12	16	68	11	51	69	100	107
Australia	1 240	414	2 352	814	3 707	4 048	4 967	4 820
Austria	116	502	230	24	835	920	910	871
Azerbaijan	112	0	138	85	132	252	299	336
Bahamas	6	0	0	0	7	7	7	7
Bahrain	9		1	32	14	24	40	41
Bangladesh	204		191	311	449	607	663	706
Barbados	16	3	0	0	14	17	19	20
Belarus	464	383	328	6	599	971	1 148	1 180
Belgium	440	1 039	264	10	1 736	1 816	1 851	1 754
Belize	20	2	2	0	11	17	22	25
Benin	15	7	43	18	55	65	75	83
Bhutan	1	1	4	0	8	7	6	7
Bolivia (Plurinational State of)	491	112	266	60	401	703	883	929
Bosnia and Herzegovina	70	8	12	2	31	76	81	91
Botswana	2	0	34	40	58	82	73	77
Brazil	13 517	4 126	10 200	778	15 425	23 630	26 637	28 620
Brunei Darussalam	25	0	1	1	15	22	25	26
Bulgaria	89	82	18	29	484	221	210	218
Burkina Faso	44	41	109	60	167	262	247	254
Burundi	7	10	15	11	19	25	31	44
Cabo Verde	1	2	1	1	8	11	6	5
Cambodia	18	110	56	17	200	206	202	201
Cameroon	84	32	80	111	215	291	308	307
Canada	1 328	2 175	1 389	217	4 000	4 441	4 441	5 109
Central African Republic	7	20	97	65	116	158	174	190
Chad	7	3	457	316	269	476	634	783
Chile	685	536	208	105	946	1 327	1 483	1 534
China	15 147	43 481	5 942	12 878	62 058	80 899	87 614	77 449
Colombia	1 693	422	770	24	1 377	2 049	2 602	2 909

TABLE 21.
PRODUCTION OF MEAT (THOUSAND TONNES) (CONTINUED)

COUNTRY	2019				TOTAL MEAT			
	MEAT, CHICKEN	MEAT, PIG	MEAT, CATTLE	OTHER	2000	2010	2015	2019
Comoros	1		1	0	2	2	2	2
Congo	7	2	6	57	27	51	62	72
Costa Rica	145	65	89	0	186	260	264	299
Côte d'Ivoire	53	7	31	203	196	251	271	295
Croatia	54	121	45	6	130	219	210	226
Cuba	25	235	81	14	236	282	326	355
Cyprus	27	43	6	6	101	96	79	81
Czechia	159	219	74	5	785	603	505	457
Democratic People's Republic of Korea	30	115	21	195	256	324	345	361
Democratic Republic of the Congo	10	26	21	195	218	227	242	252
Denmark	157	1 500	126	3	1 985	1 993	1 872	1 786
Djibouti			6	5	11	11	11	12
Dominica	0	0	1	0	1	1	1	1
Dominican Republic	355	80	64	2	342	461	488	501
Ecuador	310	241	229	18	497	806	884	799
Egypt	1 332	1	381	642	1 384	1 908	2 221	2 356
El Salvador	143	3	15	0	122	146	153	162
Equatorial Guinea	0	0	0	0	1	1	1	1
Eritrea	1		23	16	32	40	39	40
Estonia	20	45	9	1	53	75	83	75
Eswatini	6	1	17	2	25	25	26	26
Ethiopia	77	2	392	324	476	749	758	794
Fiji	34	4	3	1	16	22	32	42
Finland	131	169	88	10	337	387	400	398
France	1 121	2 200	1 428	407	6 324	5 810	5 654	5 157
Gabon	4	4	1	32	33	36	39	41
Gambia	2	0	4	3	6	9	9	9
Georgia	22	18	22	6	108	56	67	69
Germany	1 036	5 232	1 107	544	6 252	8 220	8 367	7 919
Ghana	66	26	29	178	171	225	270	299
Greece	228	86	33	92	470	454	462	440
Grenada	0	0	0	0	1	1	1	1
Guatemala	234	65	180	5	236	353	478	484
Guinea	11	2	100	32	53	92	120	145
Guinea-Bissau	3	12	7	3	18	24	26	25
Guyana	39	1	3	1	15	28	34	43
Haiti	9	32	48	20	93	104	105	108
Honduras	218	10	65	1	141	206	252	294
Hungary	336	462	31	171	1 176	870	989	999
Iceland	10	7	5	14	24	30	33	35
India	4 188	360	905	2 690	4 449	6 089	7 130	8 143
Indonesia	3 495	224	490	234	1 695	2 366	3 050	4 444
Iran (Islamic Republic of)	2 280		365	278	1 555	2 423	2 860	2 923

TABLE 21.
PRODUCTION OF MEAT (THOUSAND TONNES) (CONTINUED)

COUNTRY	2019				TOTAL MEAT			
	MEAT, CHICKEN	MEAT, PIG	MEAT, CATTLE	OTHER	2000	2010	2015	2019
Iraq	101		17	65	153	166	175	182
Ireland	141	304	620	79	1 018	941	1 027	1 144
Israel	517	14	138	112	499	685	763	781
Italy	1 055	1 464	780	390	3 911	4 066	3 692	3 690
Jamaica	134	8	7	1	99	115	128	151
Japan	2 298	1 279	471	6	2 991	3 233	3 875	4 054
Jordan	226		25	24	139	218	232	275
Kazakhstan	214	86	501	310	575	835	922	1 112
Kenya	89	14	462	244	383	686	752	810
Kiribati	1	1			1	2	2	2
Kuwait	56		2	54	69	79	103	111
Kyrgyzstan	8	21	102	102	196	188	218	233
Lao People's Democratic Republic	32	86	36	27	73	130	158	181
Latvia	35	41	15	1	62	80	85	91
Lebanon	126	1	47	8	174	140	167	182
Lesotho	2	2	9	13	27	27	28	26
Liberia	15	13	1	11	20	31	34	41
Libya	124		6	50	141	183	175	180
Lithuania	97	78	42	4	189	197	242	221
Luxembourg	0	13	10	0	22	20	22	24
Madagascar	50	45	162	58	245	307	327	314
Malawi	136	315	52	60	63	112	310	563
Malaysia	1 648	225	39	80	893	1 547	1 911	1 992
Maldives				1	1	1	1	1
Mali	55	3	188	231	180	348	388	476
Malta	4	4	1	0	18	15	13	10
Marshall Islands								
Mauritania	5	0	27	85	81	100	117	117
Mauritius	51	1	2	1	26	51	50	54
Mexico	3 477	1 600	2 028	220	4 464	5 828	6 352	7 324
Micronesia (Federated States of)	0	1	0	0	1	1	1	1
Mongolia	0	0	115	341	288	205	374	457
Montenegro	4	3	4	1		11	11	12
Morocco	782	1	283	368	605	1 033	1 222	1 433
Mozambique	76	97	14	6	172	150	205	193
Myanmar	1 616	1 235	435	401	468	1 991	3 002	3 687
Namibia	11	6	31	26	97	77	75	74
Nauru	0	0			0	0	0	0
Nepal	63	29	49	266	237	299	354	407
Netherlands	1 036	1 628	424	16	2 880	2 553	2 914	3 104
New Zealand	238	44	684	478	1 303	1 332	1 431	1 444
Nicaragua	138	12	135	2	108	234	257	287
Niger	19	2	57	105	116	159	175	183

TABLE 21.
PRODUCTION OF MEAT (THOUSAND TONNES) (CONTINUED)

COUNTRY	2019				TOTAL MEAT			
	MEAT, CHICKEN	MEAT, PIG	MEAT, CATTLE	OTHER	2000	2010	2015	2019
Nigeria	240	302	330	612	1 053	1 399	1 424	1 484
North Macedonia	1	13	4	3	25	23	21	22
Norway	99	132	87	41	270	341	341	359
Oman	7		15	64	32	63	76	86
Pakistan	1 518		1 136	1 846	1 701	2 654	3 335	4 500
Palau								
Panama	224	44	67		172	235	297	335
Papua New Guinea	7	83	3	425	346	443	493	518
Paraguay	74	59	482	6	312	418	548	621
Peru	1 763	173	193	82	801	1 386	1 749	2 211
Philippines	1 431	1 841	208	215	2 079	2 906	3 376	3 695
Poland	2 111	1 989	561	457	2 888	3 584	4 167	5 117
Portugal	296	388	92	72	760	839	842	848
Qatar	10		2	18	12	21	27	30
Republic of Korea	856	1 364	286	101	1 649	2 017	2 416	2 607
Republic of Moldova	43	65	8	3	88	111	131	119
Romania	507	399	102	55	993	1 016	1 091	1 063
Russian Federation	4 606	3 937	1 625	698	4 453	7 167	9 565	10 866
Rwanda	19	10	34	46	37	85	113	108
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	3	2		5	5	5	5
San Marino								
Sao Tome and Principe	1	1	0	0	1	1	1	2
Saudi Arabia	800		43	231	643	761	809	1 074
Senegal	114	17	76	78	114	167	230	285
Serbia	104	302	65	36		474	463	507
Seychelles	1	0	0	0	2	1	1	1
Sierra Leone	18	1	10	16	17	39	44	46
Singapore	100	23	0	4	113	113	104	128
Slovakia	70	72	11	1	279	177	127	154
Slovenia	64	32	36	8	147	143	121	140
Solomon Islands	0	3	1		3	3	4	4
Somalia	4	0	50	132	172	189	194	186
South Africa	1 808	279	1 033	240	1 644	2 784	3 276	3 361
South Sudan	20		231	183			410	434
Spain	1 412	4 641	695	350	4 913	5 444	6 057	7 099
Sri Lanka	189	1	22	5	99	139	194	217
Sudan	75		388	531			938	994
Suriname	11	2	2	1	7	16	13	15
Sweden	154	240	140	10	543	539	550	543
Switzerland	97	221	146	12	413	472	479	475

TABLE 21.
PRODUCTION OF MEAT (THOUSAND TONNES) (CONTINUED)

COUNTRY	2019				TOTAL MEAT			
	MEAT, CHICKEN	MEAT, PIG	MEAT, CATTLE	OTHER	2000	2010	2015	2019
Syrian Arab Republic	122		52	129	347	421	343	303
Tajikistan	16	1	273	88	29	73	139	378
Thailand	1 719	944	116	75	2 044	2 396	2 809	2 854
Timor-Leste	1	11	1	23	23	32	35	36
Togo	44	20	6	19	37	65	76	88
Tonga	0	2	0	0	2	2	2	2
Trinidad and Tobago	62	2	1	0	42	70	52	66
Tunisia	145	0	56	148	242	286	347	349
Turkey	2 138		1 075	527	1 404	2 378	3 387	3 741
Turkmenistan	21	0	147	137	150	281	306	305
Tuvalu	0	0			0	0	0	0
Uganda	69	132	167	81	266	425	444	447
Ukraine	1 381	708	370	62	1 688	2 086	2 351	2 521
United Arab Emirates	49		19	101	94	131	150	168
United Kingdom of Great Britain and Northern Ireland	1 723	960	914	495	3 511	3 533	3 831	4 092
United Republic of Tanzania	79	15	479	98	339	405	520	671
United States of America	20 155	12 543	12 349	3 067	37 565	41 953	43 273	48 113
Uruguay	30	10	580	29	592	653	612	649
Uzbekistan	64	4	938	185	504	818	1 141	1 191
Vanuatu	1	4	3	0	7	8	8	8
Venezuela (Bolivarian Republic of)	455	129	470	10	1 257	1 761	1 447	1 064
Viet Nam	990	3 329	355	243	1 992	3 986	4 708	4 917
Yemen	192		70	116	168	323	379	378
Zambia	51	35	191	52	137	266	284	329
Zimbabwe	52	9	108	63	189	256	250	232

Complete series are available at <http://www.fao.org/faostat/en/#data/QCL>

TABLE 22.
PRODUCTION OF MILK (THOUSAND TONNES)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
World	579 586.5	650 069.3	723 634.3	794 043.1	802 548.7	814 024.6	854 651.9	879 696.4	883 283.7
Africa	30 133.6	40 137.0	46 496.0	47 791.9	47 192.4	48 198.8	47 984.5	48 622.5	48 073.7
Americas	143 120.7	153 649.6	171 012.2	183 142.7	185 160.9	184 356.3	200 065.1	205 814.9	205 409.9
Asia	169 995.3	218 214.1	267 308.5	309 958.0	313 440.8	324 759.2	348 558.2	364 309.8	369 065.5
Europe	213 188.5	213 236.9	212 760.7	222 261.8	225 303.9	224 994.4	227 317.4	230 245.7	231 977.3
Oceania	23 148.5	24 831.7	26 057.0	30 888.7	31 450.7	31 715.9	30 726.8	30 703.6	28 757.3
Afghanistan	1 651.2	1 737.8	1 721.0	2 424.2	2 190.3	2 180.7	2 109.4	2 153.1	2 289.4
Albania	948.0	1 076.0	1 070.0	1 133.0	1 131.0	1 146.1	1 156.3	1 144.4	1 112.2
Algeria	1 926.6	2 490.9	3 160.4	4 103.8	3 485.5	3 655.0	3 595.6	3 064.9	3 189.2
Andorra									
Angola	195.0	202.2	199.3	190.0	215.6	215.0	216.0	217.6	219.2
Antigua and Barbuda	6.5	7.0	2.9	3.1	2.9	3.1	3.1	2.6	2.3
Argentina	10 121.3	9 908.9	10 626.3	11 009.9	12 060.9	10 292.2	10 097.5	10 526.6	10 339.9
Armenia	452.1	594.6	600.9	700.4	728.6	754.2	758.2	697.7	667.9
Australia	10 847.0	10 127.0	9 023.0	9 542.0	9 489.0	10 019.9	9 331.5	9 289.0	6 863.6
Austria	3 257.3	3 135.9	3 285.9	3 524.9	3 568.9	3 660.0	3 747.8	3 860.0	3 820.1
Azerbaijan	1 031.1	1 251.8	1 535.8	1 855.8	1 924.5	2 009.9	2 024.1	2 080.4	2 150.8
Bahamas	1.6	2.0	2.5	2.9	2.8	2.8	2.8	2.0	2.0
Bahrain	19.4	15.3	14.1	15.0	13.0	12.1	11.7	11.1	12.1
Bangladesh	2 132.0	2 609.1	3 387.4	3 551.7	3 564.1	3 556.6	3 571.3	3 596.2	3 649.8
Barbados	7.9	6.3	6.7	5.0	5.2	4.5	4.9	4.8	4.7
Belarus	4 489.6	5 675.6	6 624.6	6 702.9	7 046.8	7 140.0	7 320.8	7 344.5	7 394.4
Belgium	3 691.4	3 030.3	3 075.1	3 701.5	4 006.9	3 906.7	4 058.3	4 285.0	4 395.0
Belize	1.4	3.8	3.3	4.7	5.7	4.4	4.8	5.0	4.6
Benin	96.2	108.8	123.6	135.8	139.0	142.4	145.8	149.3	144.4
Bhutan	222.8	234.5	210.0	211.4	190.7	190.7	190.8	188.2	190.5
Bolivia (Plurinational State of)	275.8	360.8	474.8	607.2	620.0	594.1	608.0	604.1	598.0
Bosnia and Herzegovina	559.5	667.7	734.5	702.7	711.7	715.7	696.3	692.4	656.1
Botswana	487.3	430.8	497.0	344.0	350.1	325.6	241.7	245.0	245.4
Brazil	20 644.6	25 648.1	30 961.1	35 361.7	34 861.8	33 936.4	34 575.9	35 207.5	36 174.1
Brunei Darussalam	0.4	0.3	0.3	0.2	0.3	0.3	0.3	0.2	0.2
Bulgaria	1 706.7	1 508.1	1 277.7	1 231.1	1 152.6	1 148.7	1 091.5	1 025.2	939.5
Burkina Faso	203.2	266.1	301.9	435.2	437.9	455.6	467.3	435.1	418.3
Burundi	41.2	40.1	70.7	104.2	103.1	128.7	123.6	127.7	108.7
Cabo Verde	9.7	14.6	11.1	11.2	11.4	12.0	8.7	8.7	8.8
Cambodia	24.0	25.2	27.3	24.6	24.1	24.1	24.5	24.3	24.3
Cameroon	219.7	227.8	241.6	262.0	250.7	246.1	245.7	246.1	246.6
Canada	8 161.0	7 806.0	7 666.0	7 812.3	8 160.1	8 440.9	8 968.6	9 218.8	9 210.5
Central African Republic	63.3	66.5	75.0	77.5	78.6	79.7	80.5	81.6	82.6
Chad	195.2	212.5	240.8	355.8	363.5	370.0	347.0	360.0	373.5
Chile	2 000.2	2 309.9	2 540.4	2 156.9	2 036.5	1 998.9	1 998.6	2 000.2	1 177.0
China	12 374.1	32 023.1	41 155.4	42 264.4	36 483.5	35 368.2	35 046.6	35 479.0	36 792.8
Colombia	6 148.1	6 319.9	6 285.1	6 870.9	6 773.8	6 506.6	19 744.5	22 888.0	21 847.1
Comoros	12.6	12.5	13.2	13.2	13.3	13.4	13.4	13.4	13.4

TABLE 22.
PRODUCTION OF MILK (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Congo	2.9	3.7	3.7	4.0	3.8	4.0	4.2	5.1	5.2
Costa Rica	721.9	779.5	951.7	1 077.0	1 101.7	1 137.5	1 144.4	1 161.6	1 189.1
Côte d'Ivoire	25.9	28.7	31.3	33.4	31.9	32.5	33.0	30.2	30.4
Croatia	615.5	812.9	784.9	727.8	707.0	689.1	668.3	634.0	615.0
Cuba	615.2	354.8	632.5	591.1	496.7	617.6	541.1	581.9	443.7
Cyprus	193.8	193.4	191.9	208.5	213.6	253.6	279.0	294.7	310.4
Czechia	2 797.0	2 820.3	2 694.4	2 945.4	3 038.6	3 078.2	3 092.7	3 161.5	3 155.8
Democratic People's Republic of Korea	90.0	81.7	93.2	82.8	82.7	83.0	83.0	83.1	83.3
Democratic Republic of the Congo	6.3	6.0	7.5	9.8	7.2	7.3	7.5	7.7	8.0
Denmark	4 719.8	4 584.0	4 909.4	5 191.1	5 356.3	5 455.0	5 557.2	5 615.2	5 615.0
Djibouti	13.9	14.8	14.7	15.5	14.9	14.9	14.9	14.9	14.9
Dominica	6.7	6.7	7.5	6.9	6.9	6.9	7.0	7.0	7.0
Dominican Republic	400.0	461.4	529.6	639.6	672.2	774.5	858.2	894.8	916.5
Ecuador	1 814.6	1 728.9	2 155.5	2 072.8	1 856.3	1 906.4	1 855.5	1 753.9	2 404.6
Egypt	3 783.3	5 210.4	5 762.8	5 589.1	5 231.9	5 074.3	5 423.4	5 197.0	4 645.8
El Salvador	386.8	447.6	457.7	553.4	539.3	493.9	461.8	477.8	313.3
Equatorial Guinea									
Eritrea	92.7	138.6	149.4	158.1	149.0	154.3	164.4	164.6	164.8
Estonia	629.6	670.4	676.0	805.2	783.2	783.2	790.6	797.6	821.5
Eswatini	37.5	38.7	39.8	39.8	39.5	39.5	39.9	40.0	40.1
Ethiopia	1 060.0	2 374.6	4 470.4	3 657.8	3 608.5	3 471.7	3 431.1	3 540.1	3 644.0
Fiji	56.0	57.0	13.8	16.7	12.6	14.2	13.0	11.8	10.8
Finland	2 450.1	2 433.2	2 336.3	2 400.0	2 435.8	2 429.6	2 405.8	2 397.9	2 374.4
France	23 885.2	23 938.0	24 205.6	25 827.7	25 934.8	26 572.0	26 509.1	26 022.5	25 909.0
Gabon	9.8	9.6	13.3	14.0	14.2	13.9	14.0	10.8	10.9
Gambia	60.4	68.2	70.6	77.6	79.3	74.4	75.2	75.7	76.2
Georgia	618.9	758.9	593.7	595.2	572.7	546.4	534.6	562.5	568.0
Germany	28 353.2	28 481.2	29 646.0	32 419.5	32 707.9	32 700.4	32 626.5	33 109.7	33 102.6
Ghana	36.7	38.7	37.9	41.4	42.7	44.1	45.5	45.9	46.3
Greece	2 011.7	2 054.4	2 044.1	2 017.8	1 971.5	1 910.2	1 921.2	1 844.9	1 959.4
Grenada	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
Guatemala	269.7	414.1	465.8	505.8	521.3	532.2	545.8	559.1	510.1
Guinea	95.9	120.8	182.3	217.2	228.5	240.5	253.1	233.2	280.3
Guinea-Bissau	26.7	29.5	37.8	38.3	38.4	40.4	40.7	41.0	43.0
Guyana	24.7	22.3	22.8	52.3	55.3	55.0	55.0	55.0	55.0
Haiti	91.6	97.8	103.7	107.4	110.2	115.0	115.2	114.1	114.3
Honduras	571.1	663.1	714.2	670.3	673.4	681.0	686.5	691.3	696.1
Hungary	2 157.0	1 936.9	1 690.6	1 877.1	1 946.7	1 923.8	1 973.0	1 953.8	1 967.4
Iceland	104.0	109.4	123.2	133.5	146.0	150.3	155.6	157.0	156.4
India	79 869.8	95 840.0	122 069.7	146 525.8	155 701.6	165 340.2	176 286.1	187 977.6	187 633.0
Indonesia	1 009.3	1 058.7	1 492.8	1 417.4	1 463.9	1 517.3	1 545.6	1 549.0	1 619.4
Iran (Islamic Republic of)	5 889.2	7 179.0	7 438.0	8 800.0	6 413.2	6 744.5	7 700.8	7 523.2	7 525.5
Iraq	533.4	336.1	375.3	338.3	368.1	374.8	384.3	391.3	397.6

TABLE 22.
PRODUCTION OF MILK (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Ireland	5 159.8	5 061.3	5 327.0	5 816.2	6 585.1	6 851.4	7 478.2	7 831.3	8 244.9
Israel	1 217.2	1 216.3	1 332.2	1 523.7	1 436.7	1 531.4	1 556.4	1 635.0	1 584.0
Italy	13 299.2	11 862.6	11 134.6	11 639.6	11 785.2	11 428.9	12 028.6	13 131.6	13 300.1
Jamaica	181.2	178.8	190.5	199.8	200.2	202.8	205.5	205.5	209.6
Japan	8 500.5	8 287.8	7 722.8	7 336.8	7 381.8	7 396.2	7 279.1	7 291.8	7 316.1
Jordan	171.7	277.9	289.4	348.5	369.2	380.4	401.9	424.2	280.5
Kazakhstan	3 737.2	4 770.8	5 381.3	5 067.9	5 182.2	5 335.5	5 496.1	5 678.3	5 856.0
Kenya	2 736.1	4 232.4	4 849.3	4 485.7	4 571.2	5 272.1	4 745.1	4 978.4	5 528.9
Kiribati									
Kuwait	35.2	43.0	60.1	63.1	61.8	70.9	71.7	72.6	57.0
Kyrgyzstan	1 105.2	1 197.6	1 359.9	1 445.5	1 481.0	1 537.3	1 565.6	1 608.0	1 538.0
Lao People's Democratic Republic	6.0	6.4	7.0	7.3	7.3	7.3	7.3	7.3	8.9
Latvia	825.0	810.3	834.5	971.8	978.1	986.2	1 000.1	982.9	981.4
Lebanon	208.1	251.9	235.4	371.0	370.5	339.3	329.5	389.5	399.2
Lesotho	173.3	180.4	152.7	191.4	180.0	175.0	170.0	170.0	180.0
Liberia	7.9	7.9	8.7	9.1	9.3	9.1	9.3	9.4	9.5
Libya	163.4	170.2	218.6	224.7	225.2	235.1	240.7	234.6	238.0
Lithuania	1 724.7	1 861.6	1 736.5	1 795.1	1 738.5	1 627.7	1 570.7	1 571.8	1 551.1
Luxembourg	264.5	270.7	297.5	319.8	349.3	379.4	390.4	410.9	424.2
Madagascar	535.0	510.0	555.0	538.5	542.4	543.5	544.6	544.8	531.4
Malawi	79.2	92.1	124.9	167.2	162.3	179.8	185.4	188.8	196.8
Malaysia	37.7	50.4	76.2	83.6	84.3	45.0	44.6	46.2	48.3
Maldives									
Mali	786.5	1 287.7	1 761.7	1 522.1	1 223.6	1 257.7	890.5	933.4	966.8
Malta	51.6	44.5	45.0	45.3	44.2	45.9	43.8	43.2	44.1
Marshall Islands									
Mauritania	279.7	311.9	319.4	357.9	350.4	377.1	353.0	371.9	366.4
Mauritius	4.7	4.0	3.6	5.0	4.5	4.0	3.6	2.5	2.5
Mexico	9 487.4	10 082.8	10 892.7	11 341.4	11 610.4	11 825.8	11 987.6	12 226.1	12 494.7
Micronesia (Federated States of)									
Mongolia	434.6	349.1	306.4	540.1	618.4	645.3	667.3	818.5	962.2
Montenegro			142.8	187.2	179.0	176.3	177.6	177.5	174.3
Morocco	1 257.9	1 479.5	1 984.2	2 488.2	2 538.0	2 586.4	2 634.5	2 637.2	2 640.3
Mozambique	481.4	543.5	530.2	553.0	558.2	562.0	813.7	838.3	861.9
Myanmar	736.7	978.2	1 593.0	2 151.1	2 360.4	2 415.1	2 417.2	2 420.7	2 533.2
Namibia	88.5	117.5	115.0	110.0	107.0	118.0	112.8	110.6	111.5
Nauru									
Nepal	1 203.0	1 384.5	1 620.5	1 835.1	1 860.5	1 995.8	2 054.2	2 239.0	2 319.7
Netherlands	11 155.0	10 847.0	11 805.1	12 682.2	13 551.2	14 559.5	14 544.3	14 426.2	14 943.8
New Zealand	12 235.4	14 637.9	17 010.5	21 319.7	21 938.8	21 671.5	21 372.0	21 392.0	21 872.0
Nicaragua	560.0	614.1	753.3	682.8	656.6	580.1	565.4	584.7	597.2
Niger	644.1	801.0	967.8	1 006.4	1 196.8	1 253.4	1 313.0	1 375.6	1 441.6
Nigeria	389.0	438.5	444.4	585.0	513.8	508.4	511.9	516.2	523.6
North Macedonia	260.4	267.7	405.7	436.3	417.4	463.4	448.7	463.6	442.9

TABLE 22.
PRODUCTION OF MILK (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Norway	1 638.2	1 588.1	1 579.9	1 581.9	1 608.4	1 594.9	1 565.8	1 593.8	1 572.8
Oman	109.1	130.9	176.4	217.2	221.1	224.9	228.7	232.6	236.6
Pakistan	25 566.0	29 438.0	35 491.0	40 282.0	41 592.0	42 945.0	52 482.0	54 192.0	55 957.2
Palau									
Panama	170.6	181.1	198.0	215.4	211.2	205.8	212.4	180.4	175.0
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	525.0	515.0	510.0	343.3	333.1	327.0
Peru	923.1	1 257.8	1 701.4	1 864.2	1 927.1	1 978.0	2 037.4	2 087.5	2 149.8
Philippines	10.2	12.3	15.9	20.0	20.0	20.0	20.1	14.9	14.8
Poland	11 890.4	11 945.6	12 297.8	13 002.3	13 252.9	13 251.6	13 312.3	14 179.2	14 511.5
Portugal	2 203.4	2 195.2	2 028.0	2 043.6	2 150.2	2 061.0	2 055.4	2 040.3	2 072.2
Qatar	35.9	17.7	28.2	28.5	41.3	45.0	48.2	51.8	51.5
Republic of Korea	2 263.4	2 240.5	2 082.6	2 221.9	2 176.7	2 079.3	2 069.1	1 834.5	1 817.2
Republic of Moldova	573.3	658.6	591.2	524.7	519.7	504.3	485.2	412.4	367.3
Romania	4 622.1	5 552.2	4 616.2	4 803.3	4 676.6	4 585.8	4 439.2	4 443.3	4 339.6
Russian Federation	32 276.2	31 147.2	31 841.4	30 785.2	30 791.0	29 782.0	30 179.2	30 606.0	31 344.7
Rwanda	146.1	182.1	257.3	226.7	257.9	241.3	242.5	252.0	254.8
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	1.0	1.0	1.0	1.0	1.0
Samoa	1.5	1.4	1.5	1.9	2.0	2.1	2.0	2.1	2.1
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	952.5	1 295.5	1 826.6	2 378.4	2 399.0	2 422.3	2 445.5	2 361.2	2 683.1
Senegal	122.6	120.1	181.3	150.5	152.3	153.8	244.5	250.5	158.4
Serbia			1 531.7	1 596.1	1 610.8	1 603.7	1 599.3	1 590.0	1 597.0
Seychelles	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Sierra Leone	55.4	73.5	148.6	167.8	157.8	144.7	141.5	145.4	149.5
Singapore									
Slovakia	1 091.4	1 118.3	934.1	950.5	966.5	976.7	953.2	917.0	915.7
Slovenia	651.0	660.8	627.8	618.5	632.7	651.4	650.0	631.2	625.6
Solomon Islands	2.8	2.8	3.0	3.1	3.1	3.1	3.2	3.2	3.2
Somalia	2 105.0	2 287.6	2 445.2	2 251.3	2 193.0	2 177.7	2 137.3	2 141.7	2 137.6
South Africa	2 306.0	3 044.0	3 123.0	3 337.0	3 538.4	3 548.8	3 642.8	3 752.6	2 873.0
South Sudan				3 220.0	3 230.7	3 238.7	3 244.0	3 275.9	3 479.2
Spain	6 937.2	7 249.9	7 464.7	7 856.2	7 865.0	8 152.8	8 086.6	8 417.5	8 559.7
Sri Lanka	172.1	180.3	226.1	257.8	315.0	397.6	410.5	486.8	462.8
Sudan				4 391.0	4 452.0	4 507.0	4 553.0	4 591.0	4 623.0
Suriname	8.0	7.7	6.5	5.4	5.0	5.0	4.3	3.5	3.2
Sweden	3 348.0	3 208.0	2 902.1	2 973.0	2 933.0	2 862.0	2 816.7	2 760.2	2 704.4
Switzerland	3 845.6	3 893.9	4 105.9	4 095.5	4 070.3	3 984.5	3 921.2	3 942.7	3 821.8
Syrian Arab Republic	1 673.2	2 357.5	2 242.3	2 311.1	2 135.7	2 102.4	1 873.8	1 772.3	1 739.8
Tajikistan	309.8	533.0	660.8	919.7	966.5	972.8	1 004.4	1 037.7	1 055.1
Thailand	520.1	888.2	911.0	1 067.5	1 200.0	1 200.0	1 200.0	1 200.0	1 200.0

TABLE 22.
PRODUCTION OF MILK (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Timor-Leste	4.1	5.1	5.6	6.3	5.8	5.3	4.2	3.5	3.3
Togo	11.0	12.0	12.4	10.0	8.4	8.5	11.4	11.5	11.6
Tonga	0.4	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3
Trinidad and Tobago	10.5	7.8	4.3	3.9	3.7	3.1	3.3	3.5	7.2
Tunisia	901.7	931.2	1 067.1	1 289.8	1 413.3	1 465.0	1 487.6	1 408.0	1 440.5
Turkey	9 794.0	11 107.9	13 543.7	18 630.9	18 654.7	18 489.2	20 699.9	22 120.7	22 960.4
Turkmenistan	989.0	1 869.0	2 093.0	2 105.0	2 106.0	2 104.0	2 105.0	1 744.6	1 777.7
Tuvalu									
Uganda	660.2	1 263.6	1 377.0	1 550.0	1 596.0	1 634.0	1 614.0	2 040.0	1 793.0
Ukraine	12 657.8	13 714.4	11 248.6	11 132.6	10 615.4	10 381.5	10 520.0	10 302.7	9 878.6
United Arab Emirates	82.5	108.3	122.2	153.6	156.8	158.2	162.3	163.0	164.4
United Kingdom of Great Britain and Northern Ireland	14 488.0	14 473.0	14 071.0	15 050.0	15 324.0	14 662.0	15 267.0	15 311.0	15 552.0
United Republic of Tanzania	860.1	1 547.0	1 815.4	2 186.7	2 265.8	2 340.3	2 294.2	2 611.2	2 614.4
United States of America	75 953.4	80 282.6	87 521.0	93 490.1	94 644.8	96 391.9	97 787.2	98 713.1	99 082.2
Uruguay	1 421.7	1 619.0	1 820.7	2 231.0	2 182.0	2 026.0	2 049.0	2 173.0	2 233.0
Uzbekistan	3 537.2	4 554.9	6 172.8	8 431.5	9 027.2	9 663.2	10 005.5	10 415.7	10 662.3
Vanuatu	3.0	3.1	3.2	3.3	3.3	3.3	3.3	3.3	3.3
Venezuela (Bolivarian Republic of)	1 414.6	1 347.7	2 436.0	2 072.9	2 291.6	2 179.1	2 244.3	2 204.0	1 778.4
Viet Nam	81.9	229.3	338.3	577.6	751.3	823.2	909.2	963.5	1 013.3
Yemen	255.9	305.2	316.7	379.6	355.8	319.1	316.7	316.8	295.8
Zambia	346.9	388.9	410.0	417.5	382.5	375.6	396.7	455.9	453.1
Zimbabwe	478.8	386.3	395.6	420.0	422.4	425.7	414.2	418.7	426.0

Complete series are available at <http://www.fao.org/faostat/en/#data/QCL>

TABLE 23.
PRODUCTION OF HEN EGGS (THOUSAND TONNES)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
World	51 133.0	56 679.3	64 220.7	70 125.1	72 129.4	74 102.4	78 858.7	80 658.9	83 483.7
Africa	1 962.1	2 311.7	2 748.8	3 287.9	3 297.8	3 165.3	3 327.2	3 299.0	3 424.1
Americas	10 492.1	11 700.4	13 118.5	14 572.6	14 659.8	15 074.8	16 231.5	16 819.3	17 303.7
Asia	29 045.5	32 593.8	37 637.1	41 095.9	43 075.4	44 868.5	48 094.5	49 327.7	51 674.7
Europe	9 434.0	9 868.6	10 470.8	10 863.2	10 788.3	10 678.5	10 872.9	10 870.4	10 739.4
Oceania	199.3	204.8	245.5	305.4	308.1	315.4	332.5	342.5	341.7
Afghanistan	15.0	21.8	16.3	18.5	19.8	19.9	20.0	22.4	22.2
Albania	21.0	27.3	31.3	47.6	52.3	53.0	51.1	52.1	54.5
Algeria	101.0	175.0	260.5	351.5	385.4	388.2	328.5	314.0	317.8
Andorra									
Angola	4.3	5.2	5.0	5.1	5.2	5.2	5.3	5.1	5.1
Antigua and Barbuda	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Argentina	326.9	388.8	554.0	635.6	765.0	802.0	813.0	829.0	830.0
Armenia	21.4	28.8	38.2	35.0	36.3	34.7	34.2	36.3	36.0
Australia	143.0	138.6	174.0	231.7	229.3	236.7	247.6	258.9	255.5
Austria	86.1	89.3	94.6	109.7	111.3	121.5	124.7	127.6	129.4
Azerbaijan	32.6	52.5	70.7	93.8	93.2	96.6	102.8	100.6	109.6
Bahamas	0.8	1.0	0.8	0.8	0.9	0.9	0.8	0.9	0.9
Bahrain	2.7	2.0	2.8	2.7	6.7	9.3	3.3	4.1	4.4
Bangladesh	125.0	185.0	188.0	327.4	354.0	383.6	491.0	499.7	381.6
Barbados	1.3	1.4	2.2	2.4	2.4	4.3	3.4	2.9	3.8
Belarus	182.3	172.4	196.0	213.8	211.4	205.2	199.3	199.6	201.6
Belgium	194.2	179.8	168.9	151.9	148.0	154.6	138.3	122.9	122.9
Belize	1.7	1.5	2.5	2.5	2.5	3.5	2.9	3.1	3.0
Benin	4.5	10.6	9.9	13.6	14.7	14.9	15.1	15.4	15.4
Bhutan	0.4	0.2	1.1	1.4	2.8	4.3	4.8	4.0	5.8
Bolivia (Plurinational State of)	38.9	56.1	69.8	76.2	87.7	89.6	113.9	112.1	113.8
Bosnia and Herzegovina	18.2	17.6	20.8	21.1	21.7	23.0	22.2	22.0	24.1
Botswana	3.2	4.2	4.5	4.5	3.2	3.8	2.9	3.7	3.7
Brazil	1 509.5	1 674.9	1 948.0	2 240.6	2 260.9	2 259.6	2 882.7	3 030.3	3 158.2
Brunei Darussalam	4.8	5.7	7.0	7.4	7.4	8.1	8.6	8.8	9.1
Bulgaria	82.1	97.0	89.3	74.2	76.6	79.9	79.4	77.9	84.9
Burkina Faso	39.3	45.0	57.8	59.3	53.0	52.0	48.0	57.0	58.0
Burundi	3.0	3.1	3.0	2.2	2.2	2.2	2.2	2.2	2.2
Cabo Verde	1.9	1.8	2.2	2.1	2.2	2.7	2.4	2.1	2.4
Cambodia	11.7	13.3	17.6	20.0	19.0	18.7	19.5	18.7	18.7
Cameroon	13.0	13.4	15.0	15.3	15.6	15.6	15.7	18.3	18.8
Canada	372.4	399.3	451.5	474.0	497.3	531.5	551.7	570.0	585.6
Central African Republic	2.1	2.2	3.1	2.5	2.5	2.0	2.8	2.0	2.4
Chad	6.6	6.8	7.2	4.0	4.1	4.1	4.1	4.1	4.1
Chile	109.8	126.4	190.8	213.9	225.7	229.2	227.7	247.1	220.0
China	18 911.9	21 040.6	23 820.1	24 972.7	26 271.6	27 257.0	26 962.4	27 260.8	28 885.9
Colombia	386.4	492.0	585.0	691.8	728.6	769.0	829.7	876.4	863.0
Comoros	1.0	1.1	1.1	1.0	1.0	1.1	1.1	0.8	0.8

TABLE 23.
PRODUCTION OF HEN EGGS (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Congo	1.1	1.3	1.6	1.4	1.5	1.6	1.6	1.5	1.5
Costa Rica	41.0	48.2	53.5	60.5	61.1	67.1	67.3	67.5	68.5
Côte d'Ivoire	33.0	28.7	32.0	48.0	57.2	56.0	56.8	51.3	48.0
Croatia	46.5	49.4	42.3	34.2	33.3	39.8	39.2	29.1	30.1
Cuba	75.8	90.9	106.9	113.2	102.1	106.4	111.6	122.3	111.3
Cyprus	10.6	9.5	8.6	10.6	9.2	9.7	9.6	9.4	10.5
Czechia	188.0	89.5	71.1	74.4	71.6	75.5	84.4	84.7	88.4
Democratic People's Republic of Korea	110.0	130.0	114.0	130.0	127.0	130.0	128.0	128.0	121.6
Democratic Republic of the Congo	7.0	6.9	8.9	9.2	9.2	8.8	8.8	7.6	7.6
Denmark	74.3	79.8	76.4	82.1	84.1	86.2	87.9	72.8	78.0
Djibouti									
Dominica	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.2	0.3
Dominican Republic	58.7	80.2	105.7	124.9	126.7	124.6	131.9	150.2	180.4
Ecuador	72.2	75.0	110.0	170.0	164.8	105.2	123.3	110.8	133.1
Egypt	176.7	235.0	291.2	481.3	355.7	329.3	406.0	403.8	390.4
El Salvador	61.3	67.4	64.7	72.4	72.0	72.2	66.9	67.0	86.9
Equatorial Guinea	0.3	0.4	0.4	0.3	0.3	0.2	0.3	0.2	0.3
Eritrea	1.7	2.0	2.2	1.7	2.6	2.4	2.5	2.1	2.1
Estonia	15.8	13.1	11.4	12.0	12.4	12.1	12.6	12.6	9.4
Eswatini	1.1	1.3	1.2	1.3	1.3	1.3	1.4	1.0	1.0
Ethiopia	28.6	35.0	39.0	43.5	54.4	53.4	55.0	52.3	53.7
Fiji	3.2	3.8	5.7	7.1	6.7	4.9	8.1	9.1	11.3
Finland	58.5	58.2	61.5	67.1	71.5	72.6	73.6	74.9	75.6
France	987.9	930.1	946.5	956.4	970.0	816.3	877.9	862.0	786.1
Gabon	2.6	2.6	2.4	1.8	2.5	2.2	2.5	2.2	2.5
Gambia	0.7	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.0
Georgia	20.1	28.0	24.6	36.1	39.4	38.7	39.3	41.6	43.3
Germany	901.0	795.0	662.4	786.5	801.1	818.3	826.2	846.0	763.1
Ghana	22.8	25.7	36.7	43.3	46.6	47.6	46.5	51.0	53.8
Greece	116.6	110.1	99.8	107.2	105.9	87.0	87.4	74.3	74.3
Grenada	1.0	1.1	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Guatemala	81.0	191.6	219.7	248.1	259.6	266.1	273.4	275.0	275.0
Guinea	13.3	19.9	25.1	25.5	19.8	22.8	26.2	28.7	32.8
Guinea-Bissau	1.0	1.1	1.3	1.4	1.4	1.4	1.4	1.3	1.3
Guyana	1.5	1.2	0.7	1.1	1.3	1.0	1.4	1.6	2.3
Haiti	4.1	4.4	4.4	4.5	4.5	4.5	4.5	4.5	4.6
Honduras	41.2	40.9	44.2	51.9	51.5	51.6	51.6	51.6	51.6
Hungary	176.4	164.6	151.8	134.4	141.9	140.4	135.6	141.1	139.7
Iceland	2.6	2.8	2.7	3.6	3.8	4.1	4.2	4.8	5.1
India	2 035.0	2 568.0	3 378.1	4 111.4	4 316.6	4 561.0	4 847.5	5 236.9	5 775.0
Indonesia	642.0	856.6	1 121.1	1 244.3	1 372.8	1 485.7	4 632.8	4 688.1	4 753.4
Iran (Islamic Republic of)	580.0	759.0	767.0	761.4	777.1	810.0	673.7	723.6	723.6
Iraq	29.6	51.7	46.3	54.0	28.3	35.6	36.5	42.8	50.0
Ireland	32.4	37.5	45.0	48.0	49.5	51.8	54.1	54.1	54.1

TABLE 23.
PRODUCTION OF HEN EGGS (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Israel	87.9	92.4	102.5	122.4	122.3	140.1	149.5	153.1	155.9
Italy	686.1	722.2	737.0	713.9	706.8	744.8	727.7	736.4	717.4
Jamaica	5.8	5.1	6.0	6.6	8.1	9.4	9.9	10.4	9.0
Japan	2 535.4	2 481.0	2 515.3	2 501.9	2 520.9	2 562.2	2 601.2	2 627.8	2 639.7
Jordan	45.8	40.6	69.3	50.6	53.2	54.7	49.6	65.2	53.7
Kazakhstan	93.8	139.4	207.3	239.3	264.3	265.4	284.8	278.8	275.7
Kenya	60.7	57.9	92.6	71.3	77.4	84.1	79.4	91.1	98.5
Kiribati	0.2	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
Kuwait	21.3	26.0	40.0	65.7	72.0	81.0	88.0	135.3	135.0
Kyrgyzstan	11.4	17.7	20.8	25.0	24.2	25.8	28.6	29.3	30.9
Lao People's Democratic Republic	10.0	13.0	15.0	17.0	16.1	16.3	15.0	15.8	16.3
Latvia	24.4	33.4	45.0	40.8	43.5	46.6	48.1	42.8	46.5
Lebanon	43.2	45.5	42.5	48.9	51.0	32.7	32.7	54.3	55.7
Lesotho	1.5	1.6	1.7	1.9	1.1	0.8	1.4	1.0	1.0
Liberia	4.2	4.6	5.2	6.2	6.6	6.8	6.2	6.4	6.6
Libya	60.0	73.1	72.7	60.0	68.2	70.2	73.0	72.7	71.8
Lithuania	41.5	50.9	46.4	46.4	45.6	44.5	41.7	51.1	48.2
Luxembourg	0.9	1.4	1.7	2.0	2.0	2.0	2.1	2.1	2.2
Madagascar	14.9	15.1	16.3	17.3	17.4	17.4	17.7	17.7	20.6
Malawi	19.5	20.2	20.7	24.0	22.4	22.4	23.1	22.9	23.1
Malaysia	390.6	442.0	586.6	727.6	779.2	820.7	845.2	804.8	833.1
Maldives									
Mali	20.6	20.4	23.9	26.1	25.9	16.0	15.8	14.9	14.9
Malta	5.4	5.9	5.1	5.2	4.9	4.8	5.6	5.8	5.5
Marshall Islands									
Mauritania	4.9	5.1	5.4	5.1	5.4	5.4	5.6	5.5	5.5
Mauritius	12.5	13.0	10.2	11.5	12.0	11.8	12.4	12.8	12.5
Mexico	1 787.9	2 024.7	2 381.4	2 567.2	2 652.5	2 720.2	2 771.2	2 871.9	2 949.8
Micronesia (Federated States of)	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
Mongolia	0.4	1.2	3.0	4.0	5.6	6.7	4.8	7.6	8.9
Montenegro			3.2	4.3	5.7	5.9	5.5	4.6	4.6
Morocco	235.0	232.0	244.0	319.0	324.5	269.5	390.6	396.0	414.0
Mozambique	1.7	9.8	27.1	54.1	46.0	50.0	53.0	50.0	50.0
Myanmar	112.0	186.6	342.1	471.7	509.6	542.2	555.4	576.0	580.0
Namibia	1.6	3.0	3.4	3.4	2.5	2.7	2.9	2.6	2.6
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	43.0	43.3	64.7	66.9	74.9	76.7
Netherlands	668.0	607.0	670.0	726.0	660.6	640.0	643.0	649.0	649.0
New Zealand	43.0	50.9	53.1	54.0	57.5	60.2	62.5	61.9	62.8
Nicaragua	19.7	20.4	24.5	31.1	33.4	42.7	37.2	35.1	38.3
Niger	7.8	8.3	7.5	7.5	9.7	9.8	10.0	10.1	10.2
Nigeria	400.0	500.4	609.1	640.0	660.0	650.0	660.0	640.0	640.0
North Macedonia	25.5	19.0	18.8	12.4	10.0	8.7	11.0	8.9	6.9
Norway	47.8	50.7	59.6	67.3	67.4	68.2	69.8	70.4	70.5

TABLE 23.
PRODUCTION OF HEN EGGS (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Oman	6.8	9.5	9.3	13.0	18.8	20.0	21.8	22.3	25.1
Pakistan	344.1	400.9	556.4	684.1	721.3	760.8	802.9	847.7	895.4
Palau									
Panama	12.4	28.1	24.6	35.6	35.7	35.8	37.4	33.5	33.3
Papua New Guinea	4.5	4.8	5.0	5.4	5.2	5.4	5.5	5.5	5.1
Paraguay	67.6	107.0	128.0	138.0	103.3	106.6	137.5	130.4	116.8
Peru	162.3	182.3	285.1	358.6	386.3	401.0	415.3	452.2	488.5
Philippines	243.4	320.3	387.3	415.7	444.6	461.7	492.4	533.9	583.2
Poland	423.7	536.0	618.5	570.2	582.3	589.3	594.6	557.7	566.1
Portugal	117.4	118.1	131.1	131.9	144.8	139.3	141.2	142.8	142.3
Qatar	2.7	4.1	4.5	4.3	4.5	5.0	4.5	5.2	5.2
Republic of Korea	478.8	514.9	590.0	625.0	724.1	715.8	715.0	756.6	735.3
Republic of Moldova	32.0	42.5	40.2	36.1	35.2	35.4	35.6	37.9	37.8
Romania	262.9	355.4	297.5	322.4	319.2	303.1	294.0	285.7	278.2
Russian Federation	1 894.6	2 049.9	2 260.6	2 313.5	2 357.2	2 412.8	2 483.7	2 486.3	2 491.5
Rwanda	2.2	2.7	2.9	7.0	7.3	7.5	7.5	7.8	7.8
Saint Kitts and Nevis	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.1
Saint Lucia	0.5	1.1	0.7	0.8	0.8	0.8	0.7	1.0	1.0
Saint Vincent and the Grenadines	0.5	0.8	0.6	0.6	0.6	0.6	0.7	0.6	0.6
Samoa	0.3	0.3	0.4	0.4	0.3	0.3	0.4	0.3	0.3
San Marino									
Sao Tome and Principe	0.4	0.5	0.6	0.6	0.4	0.2	0.2	0.2	0.4
Saudi Arabia	128.5	169.5	219.3	255.2	275.0	280.0	283.0	345.0	349.0
Senegal	10.4	20.2	23.6	27.2	28.2	29.3	36.0	36.8	34.2
Serbia			69.5	94.6	103.0	92.6	87.9	89.8	88.7
Seychelles	2.2	1.2	1.1	1.3	1.4	1.7	0.9	0.7	0.6
Sierra Leone	5.2	4.3	11.3	12.0	11.4	11.4	11.8	16.3	16.8
Singapore	16.0	20.6	20.4	26.0	25.3	27.1	31.3	29.3	27.5
Slovakia	60.8	62.9	70.6	69.8	66.9	72.3	74.5	74.9	71.5
Slovenia	22.7	14.3	21.6	21.5	20.4	23.5	23.2	23.8	24.8
Solomon Islands	0.5	0.5	0.7	0.7	0.6	0.6	0.7	0.6	0.6
Somalia	2.5	2.7	2.5	2.4	2.5	2.5	2.6	2.6	2.6
South Africa	329.0	375.0	413.0	453.0	523.1	477.9	445.1	453.6	564.0
South Sudan									
Spain	657.6	708.4	812.5	787.4	805.1	830.6	850.7	839.3	810.9
Sri Lanka	52.3	49.0	64.7	120.5	110.0	115.3	116.1	110.4	116.7
Sudan				52.0	55.0	60.0	63.0	65.0	70.0
Suriname	3.0	2.7	2.3	2.6	3.6	5.4	4.6	3.7	4.6
Sweden	102.0	102.0	111.0	121.7	127.5	139.5	137.8	142.5	142.5
Switzerland	39.8	41.1	47.0	51.8	55.2	56.4	58.7	60.6	62.3
Syrian Arab Republic	127.3	155.2	163.3	112.1	112.0	112.0	112.0	112.0	122.9
Tajikistan	1.5	5.5	13.1	17.9	20.0	18.5	18.8	24.8	24.8
Thailand	514.6	468.7	612.5	731.6	690.0	690.0	695.0	710.0	704.4
Timor-Leste	1.1	0.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1

TABLE 23.
PRODUCTION OF HEN EGGS (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Togo	6.3	8.0	9.3	12.5	12.8	20.6	22.4	24.3	24.3
Tonga	0.3	0.3	0.3	0.1	0.3	0.1	0.3	0.1	0.1
Trinidad and Tobago	3.4	3.8	5.3	3.0	3.2	3.6	3.3	3.6	3.6
Tunisia	82.0	84.0	92.0	108.3	124.8	110.3	108.0	101.5	98.8
Turkey	844.3	753.3	740.0	1 071.6	1 045.5	1 131.1	1 205.1	1 227.7	1 243.6
Turkmenistan	21.0	45.1	49.5	50.0	50.0	50.0	50.0	46.1	46.4
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	48.5	28.3	43.0	44.0	45.0	45.0
Ukraine	496.6	748.1	973.9	1 119.8	959.5	854.6	886.5	922.3	953.5
United Arab Emirates	14.6	17.2	28.0	44.3	47.8	55.7	56.0	57.0	57.0
United Kingdom of Great Britain and Northern Ireland	568.6	609.0	658.0	680.0	699.0	722.0	752.0	777.0	797.0
United Republic of Tanzania	85.9	93.7	83.4	100.5	101.8	80.1	107.0	81.5	81.5
United States of America	5 017.0	5 350.0	5 437.0	5 974.0	5 756.6	6 047.0	6 350.8	6 518.5	6 706.8
Uruguay	37.0	41.6	52.5	48.0	44.5	46.8	49.1	48.9	56.2
Uzbekistan	68.3	109.0	169.6	276.1	308.8	343.1	352.8	415.8	432.5
Vanuatu	0.4	0.4	0.6	0.7	0.6	0.6	0.6	0.7	0.7
Venezuela (Bolivarian Republic of)	174.6	173.6	241.6	207.4	199.7	149.6	141.9	170.0	186.0
Viet Nam	185.4	197.4	321.1	413.6	443.7	472.3	310.5	349.4	410.0
Yemen	31.1	48.4	60.6	68.1	66.7	65.3	65.5	59.6	57.1
Zambia	39.2	42.3	49.5	62.0	63.0	64.0	66.0	67.0	55.7
Zimbabwe	22.0	25.9	29.8	32.3	16.0	20.3	24.0	24.5	24.5

Complete series are available at <http://www.fao.org/faostat/en/#data/QCL>

TABLE 24.
CAPTURE FISHERIES AND AQUACULTURE PRODUCTION, 2019 (THOUSAND TONNES)

COUNTRY	MARINE FISH	FRESHWATER FISH	MOLLUSCS	CRUSTACEANS	DIADROMOUS FISH	MISCELLANEOUS AQUATIC ANIMALS	TOTAL
World	69 794.3	58 066.9	23 971.6	16 589.2	7 863.9	1 548.1	177 834.0
Africa	6 793.0	5 072.1	260.8	231.7	25.9	1.6	12 385.1
Americas	13 759.9	1 563.1	2 483.4	2 280.0	1 669.3	114.6	21 870.3
Asia	35 798.2	50 832.8	19 935.1	13 370.3	3 416.5	1 397.3	124 750.3
Europe	11 910.5	584.2	1 114.2	659.4	2 674.9	32.1	16 975.4
Oceania	1 518.3	14.7	178.1	47.7	77.3	2.5	1 838.5
Afghanistan		10.1			0.1		10.1
Albania	7.7	2.3	1.5	1.5	1.9	0.0	15.0
Algeria	98.8	2.4	1.5	2.1	0.1		104.9
Andorra		0.0					0.0
Angola	381.4	25.4	1.7	2.6	0.0		411.2
Antigua and Barbuda	1.3	0.0	1.6	0.3			3.2
Argentina	463.7	26.8	118.9	218.1	1.2	0.0	828.7
Armenia		2.2		0.6	15.4		18.3
Australia	133.8	1.8	25.1	39.0	61.5	0.1	261.4
Austria		1.5		0.0	3.1		4.6
Azerbaijan	0.1	0.7			0.9		1.7
Bahamas	0.5	0.0	3.1	6.3		0.0	9.9
Bahrain	7.1	0.0	0.2	7.5	0.3	0.0	15.0
Bangladesh	459.8	3 139.7		251.9	532.8	0.0	4 384.2
Barbados	1.5	0.0	0.0	0.0			1.5
Belarus		9.7		0.0	0.5		10.3
Belgium	17.1	0.3	2.3	1.7	0.1	0.0	21.4
Belize	208.9	0.1	4.3	0.5		0.0	213.7
Benin	45.0	29.0	0.0	3.2	2.0	0.0	79.2
Bhutan		0.2			0.0		0.2
Bolivia (Plurinational State of)	0.0	9.8			1.6		11.4
Bosnia and Herzegovina	0.2	0.6	0.0		3.5		4.3
Botswana		0.1					0.1
Brazil	423.5	746.5	26.6	110.9	2.1	0.2	1 309.9
Brunei Darussalam	10.5	0.0	0.1	3.1	0.9	0.0	14.6
Bulgaria	5.5	8.9	7.7	0.0	4.7	0.0	26.8
Burkina Faso		25.2					25.2
Burundi		21.9					21.9
Cabo Verde	17.1	0.0	0.0	0.0		0.0	17.1
Cambodia	105.8	813.7	26.9	19.6	1.0	0.2	967.1
Cameroon	221.6	33.5	0.0	43.9	0.5		299.5
Canada	345.7	20.5	155.8	251.8	155.5	15.9	945.2
Central African Republic		29.1					29.1
Chad		107.1					107.1
Chile	1 782.2	0.0	496.9	52.0	989.5	35.8	3 356.5
China	10 970.5	26 525.3	16 324.8	7 906.9	550.5	1 132.8	63 410.8
Colombia	73.6	161.5	1.0	9.9	26.5		272.4
Comoros	17.6	0.0	0.0	0.0	0.0		17.6

TABLE 24.
CAPTURE FISHERIES AND AQUACULTURE PRODUCTION, 2019 (THOUSAND TONNES) (CONTINUED)

COUNTRY	MARINE FISH	FRESHWATER FISH	MOLLUSCS	CRUSTACEANS	DIADROMOUS FISH	MISCELLANEOUS AQUATIC ANIMALS	TOTAL
Congo	30.5	39.6	0.1	0.7	0.2		71.1
Costa Rica	13.9	19.0	0.0	3.0	1.0	0.0	36.9
Côte d'Ivoire	77.3	30.8	0.6	1.6	2.9	0.0	113.1
Croatia	76.7	3.7	2.1	1.0	0.3	0.2	84.0
Cuba	11.7	21.0	1.8	11.0	0.0	0.0	45.6
Cyprus	9.4	0.0	0.0	0.0	0.1		9.6
Czechia		23.7			1.0		24.7
Democratic People's Republic of Korea	177.1	18.9	72.4	16.5	0.1	0.3	285.3
Democratic Republic of the Congo	8.0	233.3					241.3
Denmark	567.0	0.4	54.6	12.8	34.3	0.0	669.1
Djibouti	2.3	0.0	0.0	0.0			2.3
Dominica	0.8	0.0		0.0			0.8
Dominican Republic	9.1	3.5	1.9	2.5	0.0	0.0	17.0
Ecuador	591.7	11.2	8.0	688.3	4.4	0.3	1 303.8
Egypt	468.4	1 535.8	8.0	25.3	1.5	0.0	2 039.0
El Salvador	48.1	8.3	0.1	2.1			58.4
Equatorial Guinea	5.4	1.0	0.0	0.0	0.0	0.0	6.4
Eritrea	5.1	0.0	0.1	0.4	0.0		5.6
Estonia	71.5	4.5	0.0	9.8	2.0		87.8
Eswatini		0.2		0.0			0.2
Ethiopia	0.0	59.2	0.0	0.0	0.2		59.4
Fiji	44.0	0.3	2.9	0.6	0.0	0.2	48.0
Finland	130.1	24.9		0.1	24.1		179.2
France	397.7	3.4	221.9	14.4	39.0	0.2	676.6
Gabon	17.6	10.9	0.3	0.2		0.0	29.0
Gambia	51.2	2.6	0.9	1.6			56.2
Georgia	251.7	1.0	0.0		1.4		254.2
Germany	195.9	24.8	22.2	10.0	12.3	0.0	265.2
Ghana	296.4	142.4	3.1	0.6	2.9		445.4
Greece	170.2	0.7	32.2	6.4	2.3	0.0	211.9
Grenada	2.6	0.0	0.0	0.0		0.0	2.6
Guatemala	13.4	13.3	0.0	20.5	0.1		47.3
Guinea	305.5	52.5	2.3	0.6	2.0		363.0
Guinea-Bissau	6.5	0.2	0.0	0.1			6.7
Guyana	22.6	0.8		16.0			39.3
Haiti	15.1	2.2	0.1	0.6		0.0	17.9
Honduras	3.2	36.6	0.5	39.3		0.4	80.0
Hungary		21.9		0.0	0.2		22.1
Iceland	895.6	0.0	0.9	3.2	33.7	6.0	939.4
India	3 002.2	8 586.6	354.3	1 281.1	29.5	0.0	13 253.7
Indonesia	5 930.7	4 285.8	384.3	1 502.7	1 183.1	142.7	13 429.3
Iran (Islamic Republic of)	686.2	289.5	4.0	67.7	235.4	2.1	1 284.8
Iraq	10.8	48.2		1.6	1.7		62.3
Ireland	180.0	0.0	37.2	17.6	12.0	0.0	246.8

TABLE 24.
CAPTURE FISHERIES AND AQUACULTURE PRODUCTION, 2019 (THOUSAND TONNES) (CONTINUED)

COUNTRY	MARINE FISH	FRESHWATER FISH	MOLLUSCS	CRUSTACEANS	DIADROMOUS FISH	MISCELLANEOUS AQUATIC ANIMALS	TOTAL
Israel	6.7	11.6	0.1	0.0	0.5		19.0
Italy	132.7	3.9	133.8	20.7	36.9	0.1	328.1
Jamaica	12.1	2.3	0.0	0.2			14.6
Japan	2 706.5	4.3	810.5	58.0	155.1	27.5	3 762.0
Jordan	0.3	1.9					2.2
Kazakhstan	3.6	47.3			1.7		52.6
Kenya	24.7	115.8	2.1	0.7	0.8	0.0	144.1
Kiribati	225.0	0.0	0.0	0.0	0.0	0.0	225.0
Kuwait	2.0	0.2		0.9	0.1		3.2
Kyrgyzstan		1.7			1.0		2.7
Lao People's Democratic Republic		183.8				0.1	183.9
Latvia	105.5	1.5	0.0	1.3	3.2		111.5
Lebanon	2.6	0.0	0.0	0.0	1.0		3.7
Lesotho		0.1			2.6		2.7
Liberia	15.5	0.8	0.2	0.1	0.3	0.0	16.8
Libya	30.1	0.0	1.8	0.5			32.5
Lithuania	96.4	5.0	0.0	4.1	0.7		106.2
Luxembourg		0.0					0.0
Madagascar	52.0	15.4	22.5	28.2	0.0	1.2	119.3
Malawi		163.1		0.0	0.0		163.2
Malaysia	1 230.1	109.5	91.5	176.8	55.8	21.5	1 685.2
Maldives	135.1	0.0	0.0	0.0		0.0	135.1
Mali		116.3					116.3
Malta	6.1	0.0	0.1	0.1	0.0	0.0	6.3
Marshall Islands	101.7	0.0	0.0	0.0			101.7
Mauritania	647.6	15.0	56.5	1.8		0.0	720.8
Mauritius	36.7	0.0	0.7	0.0		0.0	37.4
Mexico	1 103.7	214.7	147.2	304.7	14.0	40.5	1 824.6
Micronesia (Federated States of)	184.1	0.0	0.0	0.0	0.0	0.0	184.2
Mongolia		0.0					0.0
Montenegro	1.2	0.1	0.3	0.0	0.7		2.3
Morocco	1 344.5	15.9	91.4	7.8	0.3		1 459.9
Mozambique	244.6	119.9	4.7	25.5		0.0	394.7
Myanmar	1 036.3	1 907.2		87.9	0.1	1.7	3 033.3
Namibia	459.5	2.8	1.0	4.1		0.0	467.4
Nauru	33.5				0.0		33.5
Nepal		91.8			0.4		92.3
Netherlands	287.0	3.7	54.2	18.8	2.9	0.1	366.7
New Zealand	357.9	0.0	148.3	4.0	14.6	1.0	525.9
Nicaragua	23.7	0.3	11.7	37.3		8.3	81.4
Niger		40.4					40.4
Nigeria	390.9	662.8	4.9	55.9			1 114.6
North Macedonia		0.7			1.6		2.3
Norway	2 040.0	0.0	3.3	270.6	1 448.4	0.0	3 762.2

TABLE 24.
CAPTURE FISHERIES AND AQUACULTURE PRODUCTION, 2019 (THOUSAND TONNES) (CONTINUED)

COUNTRY	MARINE FISH	FRESHWATER FISH	MOLLUSCS	CRUSTACEANS	DIADROMOUS FISH	MISCELLANEOUS AQUATIC ANIMALS	TOTAL
Oman	563.6	0.2	14.6	1.9			580.2
Pakistan	299.9	304.6	13.0	27.5	1.6	2.8	649.2
Palau	5.4	0.0	0.0	0.0	0.0	0.0	5.4
Panama	230.6	0.6	0.0	6.7	0.0	0.9	238.8
Papua New Guinea	273.8	12.4	0.0	1.1	1.0	0.0	288.3
Paraguay		28.9		0.0			28.9
Peru	4 098.4	23.6	695.2	96.4	50.9	4.4	4 968.9
Philippines	1 777.0	388.6	160.0	166.2	419.3	1.0	2 912.0
Poland	187.9	48.4	0.0	1.1	18.8		256.2
Portugal	174.9	0.0	19.8	2.1	0.8	0.0	197.6
Qatar	16.7	0.0	0.0	0.4			17.1
Republic of Korea	1 158.5	17.6	632.1	79.8	26.5	37.5	1 951.8
Republic of Moldova		12.6		0.0	0.1		12.7
Romania	0.2	13.3	7.0	0.0	3.4	0.0	23.8
Russian Federation	3 969.5	301.8	138.3	141.3	636.8	24.2	5 211.9
Rwanda		24.8					24.8
Saint Kitts and Nevis	0.3	0.0	0.3	0.0			0.7
Saint Lucia	1.5	0.0	0.4	0.0			1.9
Saint Vincent and the Grenadines	1.4	0.0	0.3	0.0		0.0	1.8
Samoa	8.4	0.0	1.4	0.3		0.7	10.8
San Marino		0.0					0.0
Sao Tome and Principe	5.9	0.0	0.1	0.0			6.0
Saudi Arabia	55.2	9.2	1.4	73.0	4.1	0.0	142.9
Senegal	453.0	32.6	23.5	5.4	0.0		514.5
Serbia		7.3			2.1		9.4
Seychelles	135.0	0.0	0.0	0.1		0.3	135.4
Sierra Leone	190.4	2.2	0.6	1.4	7.6		202.2
Singapore	2.3	0.6	0.5	0.4	2.9	0.5	7.2
Slovakia		3.5			1.1		4.6
Slovenia	0.2	0.4	0.9	0.0	1.0		2.4
Solomon Islands	69.3	0.0	0.0	0.0		0.1	69.4
Somalia	28.7	0.2	0.6	0.5			30.0
South Africa	434.6	1.4	13.3	2.0	1.6	0.0	452.9
South Sudan		32.0					32.0
Spain	886.5	2.7	263.4	14.9	19.6	0.8	1 187.8
Sri Lanka	370.0	117.5	12.2	37.1	0.3	2.6	539.7
Sudan	2.8	48.1					50.8
Suriname	29.8	0.9		6.8			37.6
Sweden	173.0	4.1	1.9	3.9	12.9		195.8
Switzerland		1.3		0.0	2.1		3.4
Syrian Arab Republic	1.5	4.8	0.0	0.1			6.3
Tajikistan		2.4			0.0		2.5
Thailand	1 155.4	512.6	247.5	533.2	47.3	10.7	2 506.7

TABLE 24.
CAPTURE FISHERIES AND AQUACULTURE PRODUCTION, 2019 (THOUSAND TONNES) (CONTINUED)

COUNTRY	MARINE FISH	FRESHWATER FISH	MOLLUSCS	CRUSTACEANS	DIADROMOUS FISH	MISCELLANEOUS AQUATIC ANIMALS	TOTAL
Timor-Leste	3.2	0.1	0.0	0.1	0.0	0.0	3.4
Togo	19.0	7.4	0.0	0.0	0.1		26.5
Tonga	1.2	0.0	0.0	0.0	0.0	0.0	1.2
Trinidad and Tobago	12.1	0.1	0.0	0.8			13.0
Tunisia	111.9	1.1	11.2	6.3	0.2	0.0	130.7
Turkey	619.8	22.5	57.7	5.8	128.3	0.5	834.7
Turkmenistan	0.0	0.4		0.0	14.7		15.1
Tuvalu	8.3	0.0			0.0		8.3
Uganda		706.2		0.0			706.2
Ukraine	15.0	41.9	11.4	22.9	8.4	0.5	100.1
United Arab Emirates	75.2	0.0	0.2	0.5	0.3		76.2
United Kingdom of Great Britain and Northern Ireland	476.1	0.7	86.7	72.6	203.4	0.0	839.4
United Republic of Tanzania	74.7	400.6	6.1	5.5	0.0	0.0	486.9
United States of America	3 727.0	179.0	700.2	256.9	422.2	5.2	5 290.5
Uruguay	60.6	5.4	1.0	0.9	0.1	0.0	68.1
Uzbekistan		120.9			0.8		121.7
Vanuatu	43.8	0.0	0.1	0.8	0.0	0.1	44.7
Venezuela (Bolivarian Republic of)	212.8	26.0	30.4	32.1	0.2	0.0	301.5
Viet Nam	2 830.3	3 249.3	717.7	1 059.6	1.5	12.9	7 871.3
Yemen	120.9	0.0	9.0	1.3		0.0	131.3
Zambia		135.9		0.0			135.9
Zimbabwe		29.2		0.0	0.0		29.2

Complete series are available at <http://www.fao.org/fishery/statistics/en>

TABLE 25.
CAPTURE FISHERIES AND AQUACULTURE PRODUCTION BY MODE (THOUSAND TONNES)

COUNTRY	CAPTURE PRODUCTION				AQUACULTURE PRODUCTION			
	2000	2010	2015	2019	2000	2010	2015	2019
World	93 564.3	87 121.6	91 683.4	92 498.0	32 417.7	57 744.2	72 776.1	85 336.0
Africa	6 772.4	7 786.5	8 881.6	10 108.0	399.6	1 286.0	1 778.1	2 277.1
Americas	25 751.8	17 499.7	17 610.3	17 691.0	1 423.4	2 514.6	3 279.0	4 179.3
Asia	43 567.0	46 721.8	49 593.6	49 314.7	28 422.5	51 232.9	64 597.3	75 435.6
Europe	16 180.0	13 876.9	14 155.0	13 739.4	2 050.7	2 522.9	2 943.3	3 236.1
Oceania	1 088.6	1 217.6	1 383.8	1 630.5	121.5	187.8	178.5	207.9
Afghanistan	1.0	1.0	1.8	2.1	0.3	2.3	5.5	8.0
Albania	3.3	5.1	7.9	8.7	0.3	2.5	3.5	6.3
Algeria	113.2	93.5	95.9	100.1	0.4	1.8	1.3	4.7
Andorra	0.0	0.0	0.0	0.0				
Angola	239.4	310.0	495.2	409.3	0.0	0.3	0.9	1.9
Antigua and Barbuda	1.7	2.2	3.2	3.2	0.0	0.0	0.0	0.0
Argentina	921.8	811.7	814.3	826.1	1.8	2.7	3.7	2.6
Armenia	1.1	0.6	8.1	0.7	0.9	5.0	15.1	17.6
Australia	192.5	179.0	160.5	171.9	31.7	73.8	83.7	89.5
Austria	0.4	0.4	0.4	0.4	2.8	2.2	3.5	4.3
Azerbaijan	18.8	1.1	0.6	1.1	0.1	1.0	0.6	0.5
Bahamas	15.4	16.2	11.3	9.9	0.0	0.0	0.0	0.0
Bahrain	11.7	13.5	15.0	15.0	0.0	0.0	0.0	0.0
Bangladesh	1 004.3	1 726.6	1 623.8	1 895.6	657.1	1 308.5	2 060.4	2 488.6
Barbados	3.2	3.3	1.5	1.5	0.0	0.0	0.0	0.0
Belarus	0.6	0.9	0.9	0.7	6.7	16.3	9.1	9.6
Belgium	29.8	22.4	24.7	21.4	1.9	0.5	0.1	0.1
Belize	30.3	399.9	97.5	213.1	3.6	7.4	4.2	0.6
Benin	32.3	39.8	36.5	73.5	0.0	0.4	4.5	5.7
Bhutan	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2
Bolivia (Plurinational State of)	6.1	6.9	7.0	7.9	0.4	0.9	3.0	3.5
Bosnia and Herzegovina	0.3	0.3	0.3	0.3	0.0	7.6	4.5	4.0
Botswana	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Brazil	666.8	785.4	710.4	710.3	172.5	411.0	577.6	599.6
Brunei Darussalam	2.5	2.4	3.4	13.7	0.1	0.5	1.0	0.9
Bulgaria	8.7	10.8	8.8	10.3	3.7	7.9	13.5	16.5
Burkina Faso	8.5	14.5	20.8	24.8	0.0	0.2	0.2	0.4
Burundi	17.3	17.3	20.1	20.4	0.1	0.0	1.3	1.6
Cabo Verde	10.6	21.4	37.7	17.1	0.0	0.0	0.0	0.0
Cambodia	284.4	490.1	608.2	661.7	14.4	60.0	143.0	305.4
Cameroon	112.1	181.0	224.0	297.0	0.1	0.6	2.0	2.5
Canada	998.2	933.5	856.0	758.0	127.7	162.3	187.4	187.2
Central African Republic	15.0	35.0	28.0	29.0	0.1	0.1	0.1	0.1
Chad	83.2	91.0	100.0	107.0	0.0	0.0	0.2	0.1
Chile	4 300.2	2 679.7	1 786.2	1 971.8	391.6	701.1	1 045.8	1 384.7
China	15 901.0	15 829.9	17 522.3	14 869.2	21 770.9	35 828.1	44 065.4	48 541.5
Colombia	137.1	81.2	82.0	101.4	61.8	80.4	95.9	171.0

TABLE 25.

CAPTURE FISHERIES AND AQUACULTURE PRODUCTION BY MODE (THOUSAND TONNES) (CONTINUED)

COUNTRY	CAPTURE PRODUCTION				AQUACULTURE PRODUCTION			
	2000	2010	2015	2019	2000	2010	2015	2019
Comoros	12.0	63.4	11.8	17.6				
Congo	46.0	65.2	69.3	70.3	0.1	0.3	0.6	0.7
Costa Rica	35.2	17.9	14.8	13.6	9.7	26.8	23.6	23.3
Côte d'Ivoire	80.3	48.0	98.5	108.6	1.2	1.7	4.0	4.5
Croatia	21.1	52.8	73.9	64.6	6.9	14.0	15.6	19.4
Cuba	68.4	24.0	25.6	18.5	32.8	31.4	32.1	27.1
Cyprus	68.3	1.4	1.5	1.5	1.9	4.1	5.5	8.1
Czechia	4.7	4.0	3.8	3.7	19.5	20.4	20.2	21.0
Democratic People's Republic of Korea	212.9	217.5	220.0	208.7	66.7	64.5	65.8	76.6
Democratic Republic of the Congo	244.6	224.5	230.7	238.0	2.1	3.0	3.0	3.3
Denmark	1 534.1	828.1	869.0	628.9	43.6	35.2	35.8	40.2
Djibouti	0.8	1.6	2.0	2.3				
Dominica	1.2	0.7	1.0	0.8	0.0	0.0	0.0	0.0
Dominican Republic	11.0	14.5	11.9	14.1	2.1	1.3	2.3	2.9
Ecuador	596.5	399.9	643.3	608.0	61.3	272.7	426.7	695.8
Egypt	384.3	385.2	344.1	397.0	340.1	919.6	1 174.8	1 641.9
El Salvador	9.6	39.6	50.4	49.8	0.3	4.5	6.7	8.7
Equatorial Guinea	3.6	7.4	6.4	6.4	0.0	0.0	0.0	0.0
Eritrea	12.6	3.6	6.2	5.6	0.0	0.0	0.0	0.0
Estonia	113.1	95.4	72.8	86.7	0.2	0.6	0.8	1.1
Eswatini	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
Ethiopia	15.7	18.1	45.5	59.0	0.0	0.0	0.1	0.4
Fiji	40.7	41.8	41.0	47.8	1.8	0.2	0.2	0.3
Finland	156.4	156.1	182.9	163.9	15.4	11.8	14.9	15.3
France	626.1	428.9	487.3	480.8	266.8	203.0	163.3	195.8
Gabon	47.8	32.7	33.0	29.0	0.6	0.1	0.0	0.0
Gambia	29.0	46.6	56.0	56.2	0.0	0.0	0.0	0.0
Georgia	1.8	46.0	22.5	251.8	0.1	0.9	1.7	2.4
Germany	204.1	243.1	261.7	224.4	65.9	40.7	29.9	40.8
Ghana	454.3	348.1	347.6	393.0	5.0	10.2	44.6	52.4
Greece	99.3	70.2	65.4	83.2	95.4	121.2	107.0	128.7
Grenada	1.7	2.2	2.6	2.6	0.0	0.0	0.0	0.0
Guatemala	39.2	22.3	18.0	16.7	4.0	22.8	22.2	30.6
Guinea	91.5	113.5	193.1	362.2	0.0	0.2	0.4	0.8
Guinea-Bissau	6.3	6.6	6.7	6.7	0.0	0.0	0.0	0.0
Guyana	48.9	45.2	36.6	39.1	0.6	0.5	0.4	0.2
Haiti	7.4	13.7	16.5	16.4	0.0	0.4	1.2	1.6
Honduras	17.9	12.1	10.8	11.9	10.1	27.5	55.1	68.1
Hungary	7.1	6.2	5.9	4.8	12.9	14.2	17.3	17.3
Iceland	1 982.5	1 060.6	1 319.6	905.4	3.6	5.1	8.4	34.0
India	3 666.4	4 689.3	4 843.4	5 458.7	1 942.5	3 785.8	5 260.0	7 795.0
Indonesia	4 115.1	5 386.3	6 689.7	7 479.3	788.5	2 304.8	4 342.5	5 950.0
Iran (Islamic Republic of)	384.0	443.7	631.1	779.8	40.6	220.0	346.1	505.0

TABLE 25.
CAPTURE FISHERIES AND AQUACULTURE PRODUCTION BY MODE (THOUSAND TONNES) (CONTINUED)

COUNTRY	CAPTURE PRODUCTION				AQUACULTURE PRODUCTION			
	2000	2010	2015	2019	2000	2010	2015	2019
Iraq	20.8	19.3	27.3	40.1	1.7	20.3	24.8	22.3
Ireland	276.3	318.9	234.9	208.9	51.2	46.5	39.6	37.9
Israel	5.8	2.6	2.1	2.0	20.1	19.9	19.6	17.0
Italy	302.2	233.6	197.6	184.5	213.5	153.5	148.8	143.6
Jamaica	5.5	15.4	17.0	13.5	4.5	4.0	0.6	1.2
Japan	5 072.5	4 091.1	3 404.0	3 163.8	762.8	718.3	705.5	598.2
Jordan	0.6	0.5	0.9	0.9	0.6	0.5	1.0	1.4
Kazakhstan	36.6	46.8	40.5	45.6	0.8	0.2	0.7	6.9
Kenya	215.5	140.4	165.2	125.6	0.5	12.2	18.7	18.6
Kiribati	35.4	43.1	146.0	225.0	0.0	0.0	0.0	0.0
Kuwait	7.0	6.4	3.9	3.0	0.4	0.3	0.3	0.2
Kyrgyzstan	0.1	0.0	0.0	0.0	0.1	0.4	1.1	2.7
Lao People's Democratic Republic	29.3	30.9	62.6	70.9	42.1	82.1	96.0	113.0
Latvia	136.4	164.8	81.3	110.9	0.3	0.5	0.9	0.6
Lebanon	3.7	3.4	3.6	2.6	0.4	1.2	1.0	1.0
Lesotho	0.0	0.0	0.1	0.1	0.0	0.3	1.0	2.6
Liberia	11.5	11.7	14.1	16.6	0.0	0.1	0.2	0.3
Libya	50.0	50.0	25.8	32.5	0.0	0.1	0.0	0.0
Lithuania	79.0	149.9	85.1	102.0	2.0	3.2	4.5	4.2
Luxembourg	0.0	0.0	0.0	0.0				
Madagascar	120.1	128.8	114.0	114.1	7.3	6.9	7.3	5.2
Malawi	50.0	98.3	141.6	154.9	0.5	2.6	5.0	8.3
Malaysia	1 289.3	1 433.4	1 492.0	1 461.0	151.8	373.4	246.2	224.2
Maldives	119.4	122.8	127.4	135.1				
Mali	109.9	100.0	92.5	109.4	0.0	2.1	2.4	7.0
Malta	1.1	1.8	2.6	2.2	1.7	2.9	5.9	4.0
Marshall Islands	8.3	59.8	89.7	101.7	0.0	0.0	0.0	0.0
Mauritania	114.5	276.2	403.8	720.8				
Mauritius	9.6	7.4	15.8	34.1	0.1	0.6	0.8	3.3
Mexico	1 315.7	1 526.5	1 467.3	1 573.4	53.9	126.2	211.6	251.2
Micronesia (Federated States of)	23.3	31.4	71.4	184.2	0.0	0.0	0.0	0.0
Mongolia	0.4	0.1	0.1	0.0				
Montenegro	0.0	1.3	1.5	1.3	0.0	0.7	0.8	1.1
Morocco	902.8	1 136.2	1 364.9	1 458.6	1.9	0.7	1.1	1.3
Mozambique	41.5	162.6	286.7	392.2	0.0	0.9	1.1	2.5
Myanmar	1 093.2	1 961.2	1 970.5	1 951.1	98.9	850.7	997.3	1 082.1
Namibia	589.8	381.9	509.9	467.1	0.1	0.6	0.5	0.4
Nauru	0.4	0.6	0.5	33.5	0.0	0.0	0.0	0.0
Nepal	16.7	21.5	21.5	21.0	15.0	28.2	48.0	71.3
Netherlands	495.8	434.4	384.5	320.4	75.2	67.0	62.8	46.4
New Zealand	553.4	436.2	433.2	411.3	85.6	110.6	91.3	114.6
Nicaragua	22.5	41.0	41.5	51.9	5.4	17.0	24.5	29.5
Niger	16.3	40.0	27.0	40.1	0.0	0.1	0.3	0.4

TABLE 25.
CAPTURE FISHERIES AND AQUACULTURE PRODUCTION BY MODE (THOUSAND TONNES) (CONTINUED)

COUNTRY	CAPTURE PRODUCTION				AQUACULTURE PRODUCTION			
	2000	2010	2015	2019	2000	2010	2015	2019
Nigeria	441.4	617.0	710.3	825.0	25.7	200.5	316.7	289.5
North Macedonia	0.2	0.2	0.4	0.4	1.2	1.5	1.0	1.9
Norway	2 699.4	2 680.0	2 303.9	2 309.3	491.3	1 019.8	1 380.8	1 452.9
Oman	120.4	163.9	257.0	579.2	0.0	0.1	0.2	1.1
Pakistan	598.7	455.5	509.5	488.5	12.5	140.1	151.2	160.7
Palau	1.1	1.0	0.8	5.3	0.0	0.0	0.0	0.0
Panama	227.6	182.1	143.8	231.6	1.8	6.6	9.6	7.2
Papua New Guinea	109.9	226.1	234.7	286.6	0.2	1.6	1.7	1.8
Paraguay	28.0	17.8	17.0	16.9	0.1	3.0	8.5	12.0
Peru	10 657.3	4 301.6	4 824.1	4 814.9	6.6	89.0	91.0	153.9
Philippines	1 917.7	2 500.2	2 151.5	2 053.7	393.9	744.7	781.8	858.3
Poland	217.7	189.7	205.4	211.4	35.8	30.8	37.0	44.7
Portugal	190.9	223.0	188.5	184.0	7.5	8.2	9.6	13.7
Qatar	7.1	13.8	15.2	17.1	0.0	0.0	0.0	0.0
Republic of Korea	1 825.2	1 722.0	1 650.0	1 358.3	293.4	475.6	479.4	593.6
Republic of Moldova	0.0	0.0	0.1	0.1	1.7	8.8	11.2	12.7
Romania	7.4	2.7	9.3	10.9	9.7	9.0	11.0	12.8
Russian Federation	3 973.5	4 069.9	4 457.4	4 974.2	74.1	120.4	152.0	237.7
Rwanda	6.7	13.0	29.3	20.9	0.3	0.1	1.6	3.9
Saint Kitts and Nevis	1.0	21.8	100.4	0.7	0.0	0.0	0.0	0.0
Saint Lucia	2.0	2.0	2.0	1.8	0.0	0.0	0.0	0.0
Saint Vincent and the Grenadines	22.8	66.4	26.2	1.8				
Samoa	8.6	12.8	8.7	10.8	0.0	0.0	0.0	0.0
San Marino	0.0	0.0	0.0	0.0				
Sao Tome and Principe	3.7	4.8	11.4	6.0				
Saudi Arabia	49.1	65.1	68.1	67.5	6.0	26.4	30.0	75.4
Senegal	435.8	409.8	425.4	513.5	0.1	0.1	1.2	1.0
Serbia	0.0	4.8	3.2	2.5	0.0	8.2	7.4	6.8
Seychelles	32.8	87.1	104.5	135.4	0.4	0.0	0.0	0.0
Sierra Leone	74.7	200.0	202.1	202.1	0.0	0.1	0.1	0.1
Singapore	5.4	1.7	1.3	1.4	5.1	3.5	6.9	5.8
Slovakia	1.4	1.6	2.0	1.9	0.9	0.7	1.3	2.7
Slovenia	1.9	0.9	0.3	0.3	1.2	0.8	1.6	2.1
Solomon Islands	19.5	37.4	72.8	69.4	0.0	0.0	0.0	0.0
Somalia	24.2	30.0	30.0	30.0				
South Africa	643.8	628.8	565.2	445.7	2.8	3.1	5.4	7.2
South Sudan	0.0	0.0	37.0	32.0	0.0	0.0	0.0	0.0
Spain	1 056.2	975.3	975.7	879.8	309.2	252.4	289.8	308.0
Sri Lanka	296.1	389.1	500.4	505.8	4.4	8.1	31.3	33.8
Sudan	0.0	0.0	33.0	40.8	0.0	0.0	7.0	10.1
Suriname	24.2	35.1	44.7	37.5	0.3	0.1	0.1	0.1
Sweden	338.5	212.0	212.0	184.3	4.8	10.6	12.0	11.5
Switzerland	1.7	2.1	2.0	1.4	1.1	1.3	1.6	2.0

TABLE 25.
CAPTURE FISHERIES AND AQUACULTURE PRODUCTION BY MODE (THOUSAND TONNES) (CONTINUED)

COUNTRY	CAPTURE PRODUCTION				AQUACULTURE PRODUCTION			
	2000	2010	2015	2019	2000	2010	2015	2019
Syrian Arab Republic	6.6	6.6	3.8	4.1	6.8	8.6	2.5	2.3
Tajikistan	0.2	0.7	1.2	1.7	0.1	0.5	0.5	0.7
Thailand	2 997.1	1 810.6	1 501.3	1 542.5	738.2	1 286.1	920.3	964.3
Timor-Leste	3.6	3.2	3.2	3.2	0.0	0.1	0.1	0.1
Togo	22.3	27.5	21.5	25.5	0.0	0.1	0.1	1.0
Tonga	3.8	2.1	1.7	1.2	0.0	0.0	0.0	0.0
Trinidad and Tobago	14.2	13.9	12.1	13.0	0.0	0.0	0.0	0.1
Tunisia	94.7	93.2	117.2	108.0	1.6	5.4	14.4	22.7
Turkey	503.3	485.9	431.9	463.2	79.0	167.7	239.0	371.5
Turkmenistan	12.2	15.0	15.0	15.0	0.1	0.0	0.0	0.1
Tuvalu	0.5	11.5	6.1	8.3	0.0	0.0	0.0	0.0
Uganda	219.4	413.8	396.2	603.2	0.8	95.0	117.6	102.9
Ukraine	391.8	209.8	120.5	81.5	31.0	22.9	22.2	18.6
United Arab Emirates	105.5	79.6	73.0	73.0	0.0	0.2	0.8	3.2
United Kingdom of Great Britain and Northern Ireland	754.5	612.7	705.7	619.9	152.5	201.4	211.7	219.5
United Republic of Tanzania	322.0	350.8	374.5	470.3	0.2	0.5	4.0	16.6
United States of America	4 746.3	4 312.0	5 040.3	4 800.5	456.8	496.7	426.0	490.0
Uruguay	113.3	74.2	59.5	68.0	0.1	0.1	0.2	0.1
Uzbekistan	3.3	4.1	23.0	40.0	5.7	6.7	36.9	81.7
Vanuatu	70.5	101.2	87.4	44.6	0.0	0.1	0.0	0.0
Venezuela (Bolivarian Republic of)	359.6	218.9	240.7	275.2	13.4	18.2	18.9	26.4
Viet Nam	1 629.6	2 249.7	2 860.6	3 429.0	498.5	2 683.1	3 462.4	4 442.3
Yemen	114.8	163.9	176.8	131.3	0.0	0.2	0.0	0.0
Zambia	66.7	76.4	90.1	97.5	4.2	10.3	22.8	38.5
Zimbabwe	13.1	11.2	23.9	16.7	2.2	2.8	10.6	12.5

Complete series are available at <http://www.fao.org/fishery/statistics/en>

TABLE 26.
PRODUCTION OF ROUNDWOOD BY TYPE (THOUSAND M³)

COUNTRY	WOOD FUEL		INDUSTRIAL ROUNDWOOD, CONIFEROUS		INDUSTRIAL ROUNDWOOD, NON-CONIFEROUS		ROUNDWOOD	
	2000	2019	2000	2019	2000	2019	2000	2019
World	1 795 245	1 944 145	1 043 599	1 155 539	646 068	864 433	3 484 911	3 964 117
Africa	551 284	706 069	13 357	11 411	57 955	66 906	622 596	784 386
Americas	314 350	341 029	518 504	502 044	260 867	270 879	1 093 722	1 113 952
Asia	807 816	712 512	93 136	79 885	179 647	372 679	1 080 599	1 165 077
Europe	109 130	174 555	386 501	508 762	132 613	130 587	628 243	813 903
Oceania	12 665	9 981	32 101	53 436	14 985	23 382	59 751	86 799
Afghanistan	1 279	1 924	999	999	761	761	3 039	3 684
Albania	324	1 100	68	31	55	49	447	1 180
Algeria	7 074	8 738	81	116	81	23	7 236	8 877
Andorra		0						0
Angola	3 163	4 872			1 096	1 250	4 259	6 122
Antigua and Barbuda								
Argentina	2 993	4 072	4 140	8 493	3 570	5 319	10 704	17 884
Armenia	57	1 546	0	0	0	1	57	1 547
Australia	6 774	4 089	12 474	17 142	11 933	15 569	31 181	36 799
Austria	2 860	5 579	9 607	12 343	809	982	13 276	18 904
Azerbaijan	32	422	0	0	32	3	64	425
Bahamas	31	34	15	15	2	2	48	51
Bahrain	6	7					6	7
Bangladesh	27 836	25 509			623	405	28 459	25 914
Barbados	5	5			5	6	10	11
Belarus	928	11 034	3 011	12 954	2 197	3 008	6 136	26 996
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	6 633			332	385	6 242	7 018
Bhutan	4 221	5 277	46	33	88	92	4 355	5 403
Bolivia (Plurinational State of)	2 142	2 491	0	40	468	1 486	2 610	4 017
Bosnia and Herzegovina	950	1 549	2 191	2 106	1 141	803	4 282	4 458
Botswana	635	699			105	105	740	804
Brazil	132 408	123 299	39 666	41 800	63 328	101 189	235 402	266 288
Brunei Darussalam	12	12	0	0	115	79	126	91
Bulgaria	2 107	2 709	1 294	2 384	1 383	1 071	4 784	6 164
Burkina Faso	7 402	14 359			594	1 171	7 996	15 530
Burundi	5 420	5 999	220	138	547	487	6 187	6 624
Cabo Verde	147	186					147	186
Cambodia	10 119	7 240	0	13	179	309	10 298	7 562
Cameroon	9 111	10 646			1 894	3 832	11 005	14 478
Canada	2 927	1 750	163 473	114 254	35 445	25 564	201 845	141 568
Central African Republic	2 000	2 000			955	845	2 955	2 845
Chad	5 885	8 092			761	761	6 646	8 853
Chile	12 131	16 122	18 806	32 059	5 631	15 536	36 568	63 717
China	227 627	159 969	61 814	29 458	34 205	152 245	323 646	341 672
Colombia	10 893	6 410	373	876	1 791	1 728	13 057	9 014

TABLE 26.
PRODUCTION OF ROUNDWOOD BY TYPE (THOUSAND M³) (CONTINUED)

COUNTRY	WOOD FUEL		INDUSTRIAL ROUNDWOOD, CONIFEROUS		INDUSTRIAL ROUNDWOOD, NON-CONIFEROUS		ROUNDWOOD	
	2000	2019	2000	2019	2000	2019	2000	2019
Comoros	201	328			25	25	226	353
Congo	1 153	1 529		0	1 362	2 419	2 515	3 948
Costa Rica	3 486	3 258	0	100	987	1 121	4 473	4 479
Côte d'Ivoire	8 529	9 241			3 416	2 400	11 945	11 641
Croatia	976	2 171	464	813	2 229	2 637	3 669	5 620
Cuba	963	1 141	220	190	636	421	1 819	1 752
Cyprus	5	7	15	2	1	0	21	9
Czechia	940	5 922	12 191	25 917	1 310	747	14 441	32 586
Democratic People's Republic of Korea	5 503	6 269	1 100	1 100	400	400	7 003	7 769
Democratic Republic of the Congo	64 903	86 702			3 564	4 611	68 467	91 313
Denmark	699	2 061	3 578	1 556	384	225	4 661	3 842
Djibouti	293	405			0	0	293	405
Dominica	8	7					8	7
Dominican Republic	556	974	0	36	6	68	562	1 078
Ecuador	5 363	5 049	0	373	546	2 067	5 909	7 489
Egypt	16 182	17 861		9	268	259	16 450	18 129
El Salvador	4 518	4 115	0	0	682	682	5 200	4 797
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	4 232	4 980	4 536	2 290	2 115	8 910	10 883
Eswatini	885	1 939	864	864	70	70	1 819	2 873
Ethiopia	87 471	113 147	8	13	2 451	2 922	89 930	116 082
Fiji	37	37	342	560	107	240	486	837
Finland	4 115	8 013	44 369	46 183	5 778	9 470	54 262	63 667
France	31 046	24 186	26 305	16 933	13 171	8 512	70 522	49 631
Gabon	515	1 070			2 584	2 139	3 099	3 209
Gambia	603	774		1	113	117	715	892
Georgia	280	407	11	101	84	78	375	585
Germany	8 804	23 697	41 227	47 730	7 995	6 393	58 026	77 821
Ghana	26 725	47 639		50	998	2 164	27 723	49 853
Greece	1 601	947	411	189	232	223	2 245	1 359
Grenada								
Guatemala	14 540	21 259	371	189	96	465	15 007	21 913
Guinea	11 444	12 380			651	651	12 095	13 031
Guinea-Bissau	2 230	2 894			135	132	2 364	3 026
Guyana	880	820	0	0	289	317	1 169	1 138
Haiti	1 964	2 129	100	100	139	139	2 203	2 368
Honduras	8 732	8 186	744	840	12	5	9 488	9 030
Hungary	2 597	2 684	609	818	2 696	2 074	5 902	5 575
Iceland	0	1	0	1	0	0	0	2
India	277 380	302 244	5 570	6 148	35 603	43 369	318 553	351 761
Indonesia	88 981	40 411	206	7	48 643	83 339	137 830	123 757
Iran (Islamic Republic of)	54	30			1 060	416	1 114	446

TABLE 26.
PRODUCTION OF ROUNDWOOD BY TYPE (THOUSAND M³) (CONTINUED)

COUNTRY	WOOD FUEL		INDUSTRIAL ROUNDWOOD, CONIFEROUS		INDUSTRIAL ROUNDWOOD, NON-CONIFEROUS		ROUNDWOOD	
	2000	2019	2000	2019	2000	2019	2000	2019
Iraq	118	118			59	59	177	177
Ireland	73	211	2 581	3 325	19	5	2 673	3 541
Israel	8	2	61	23	12	2	81	27
Italy	9 187	10 839	1 098	6 633	2 551	894	12 836	18 367
Jamaica	599	504	6	1	277	151	882	655
Japan	134	6 932	14 520	21 027	3 467	2 390	18 121	30 349
Jordan	222	372			4	4	226	376
Kazakhstan	474	233	140	52	32	138	645	423
Kenya	19 658	26 400	706	561	1 271	471	21 635	27 432
Kiribati	2	3					2	3
Kuwait	15	21					15	21
Kyrgyzstan	33	37	4	3	9	7	46	46
Lao People's Democratic Republic	5 872	5 732	0	0	567	1 432	6 439	7 164
Latvia	1 680	2 200	8 676	7 700	3 948	3 042	14 304	12 942
Lebanon	19	19	7	7	0	0	26	26
Lesotho	2 022	2 143		14			2 022	2 157
Liberia	4 725	9 465			1 114	463	5 839	9 928
Libya	823	1 052			116	116	939	1 168
Lithuania	1 450	1 771	2 430	3 118	1 620	1 799	5 500	6 688
Luxembourg	28	65	106	215	120	104	254	385
Madagascar	9 637	14 946	92	100	34	74	9 763	15 120
Malawi	4 964	5 978	150	100	1 250	1 330	6 364	7 408
Malaysia	3 346	2 417	0	22	24 380	14 768	27 726	17 208
Maldives	13	17					13	17
Mali	4 731	5 835			413	817	5 143	6 652
Malta	0	0	0	0	0	0	0	0
Marshall Islands								
Mauritania	1 428	2 209			6	32	1 434	2 241
Mauritius	10	5	5	1	3	0	18	7
Mexico	37 561	38 522	7 291	6 094	814	1 557	45 666	46 173
Micronesia (Federated States of)	2	3					2	3
Mongolia	553	600	87	160	4	2	644	762
Montenegro		783		248		51		1 082
Morocco	6 969	6 596	207	83	362	222	7 538	6 901
Mozambique	16 724	16 724	57	10	1 262	1 974	18 043	18 708
Myanmar	34 471	38 286		360	3 612	4 000	38 083	42 646
Namibia	921	1 842					921	1 842
Nauru								
Nepal	12 763	11 761	0	0	1 260	1 300	14 023	13 061
Netherlands	160	2 063	645	482	234	260	1 039	2 805
New Zealand	0	0	19 225	35 669	54	300	19 279	35 969
Nicaragua	5 756	6 168	173	65	55	69	5 984	6 301
Niger	7 805	11 875			579	701	8 384	12 576

TABLE 26.
PRODUCTION OF ROUNDWOOD BY TYPE (THOUSAND M³) (CONTINUED)

COUNTRY	WOOD FUEL		INDUSTRIAL ROUNDWOOD, CONIFEROUS		INDUSTRIAL ROUNDWOOD, NON-CONIFEROUS		ROUNDWOOD	
	2000	2019	2000	2019	2000	2019	2000	2019
Nigeria	59 349	66 541			9 418	10 022	68 767	76 563
North Macedonia	875	649	68	48	109	62	1 052	759
Norway	678	1 530	7 417	10 736	61	303	8 156	12 568
Oman	26	50					26	50
Pakistan	30 880	29 533	1 510	1 542	1 170	2 518	33 560	33 593
Palau								
Panama	1 280	990	3	7	44	400	1 327	1 397
Papua New Guinea	5 533	5 533	50	40	2 259	4 032	7 842	9 605
Paraguay	5 551	7 584			4 044	4 044	9 595	11 628
Peru	7 777	7 299	10	16	1 501	1 263	9 288	8 578
Philippines	13 615	11 376	0	40	3 079	3 944	16 694	15 360
Poland	2 464	5 069	19 164	30 574	6 031	7 625	27 659	43 268
Portugal	600	1 244	4 982	4 252	5 249	8 022	10 831	13 518
Qatar	4	5					4	5
Republic of Korea	2 449	247	1 095	2 446	497	1 580	4 041	4 273
Republic of Moldova	241	1 219	0	1	81	42	321	1 262
Romania	3 032	5 641	4 587	4 360	5 530	5 826	13 148	15 827
Russian Federation	12 526	15 206	97 221	162 050	48 354	41 144	158 101	218 400
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	114	3	3	10	24	109	141
Saudi Arabia	179	308					179	308
Senegal	5 114	5 612			794	816	5 908	6 428
Serbia		6 350		386		1 377		8 113
Seychelles	4	3		0	8	10	12	13
Sierra Leone	5 358	5 974			124	330	5 481	6 304
Singapore	38	28					38	28
Slovakia	277	600	3 062	5 028	2 824	3 330	6 163	8 957
Slovenia	532	1 117	1 209	2 635	512	866	2 253	4 618
Solomon Islands	138	135	0	0	566	3 200	704	3 335
Somalia	9 228	16 013			110	110	9 338	16 123
South Africa	12 000	12 025	8 853	5 566	10 106	10 732	30 959	28 323
South Sudan		4 750						4 750
Spain	1 600	2 951	7 794	8 096	4 927	7 309	14 321	18 356
Sri Lanka	5 907	4 526	0	0	689	693	6 596	5 218
Sudan		15 583		0		1 157		16 740
Suriname	43	88	1	0	180	1 075	224	1 163
Sweden	5 900	5 460	54 060	63 318	3 340	6 694	63 300	75 472
Switzerland	1 626	1 744	6 793	2 272	819	382	9 238	4 397

TABLE 26.
PRODUCTION OF ROUNDWOOD BY TYPE (THOUSAND M³) (CONTINUED)

COUNTRY	WOOD FUEL		INDUSTRIAL ROUNDWOOD, CONIFEROUS		INDUSTRIAL ROUNDWOOD, NON-CONIFEROUS		ROUNDWOOD	
	2000	2019	2000	2019	2000	2019	2000	2019
Syrian Arab Republic	16	36	12	12	23	28	50	75
Tajikistan	0	3 674	0	0	0	0	0	3 674
Thailand	20 553	18 433			6 262	14 600	26 815	33 033
Timor-Leste	179	81					179	81
Togo	5 499	4 424			306	188	5 805	4 612
Tonga	2	2	1	1	1	1	4	4
Trinidad and Tobago	37	30	10	5	62	162	109	197
Tunisia	2 094	3 610	54	177	160	127	2 308	3 914
Turkey	5 510	5 750	5 755	15 030	4 674	7 670	15 939	28 450
Turkmenistan	3	10	0	0	0	0	3	10
Tuvalu								
Uganda	34 090	44 177	269	935	2 906	4 395	37 265	49 507
Ukraine	4 058	8 583	4 038	7 315	1 763	1 989	9 859	17 887
United Arab Emirates	16	19					16	19
United Kingdom of Great Britain and Northern Ireland	229	2 478	7 114	8 157	442	148	7 785	10 783
United Republic of Tanzania	20 787	25 072	514	1 074	1 800	1 764	23 101	27 910
United States of America	45 930	71 427	282 340	293 642	138 279	94 060	466 549	459 129
Uruguay	1 423	2 629	263	2 417	1 248	10 991	2 934	16 037
Uzbekistan	24	24	0	0	5	10	29	34
Vanuatu	91	91	0	10	40	28	131	129
Venezuela (Bolivarian Republic of)	3 605	4 328	481	425	622	892	4 708	5 645
Viet Nam	26 686	20 000	184	1 300	8 050	36 035	34 920	57 335
Yemen	302	592				3	302	595
Zambia	16 749	23 033	300	892	528	1 800	17 577	25 725
Zimbabwe	8 115	9 360	910	597	68	26	9 094	9 983

Complete series are available at <http://www.fao.org/faostat/en/#data/FO>

TABLE 27.
PRODUCTION OF SELECTED FOREST PRODUCTS, 2019

COUNTRY	PAPER AND PAPERBOARD	RECOVERED PAPER	WOOD PULP	WOOD CHARCOAL	WOOD PELLETS AND OTHER AGGLOMERATES	SAWNWOOD	WOOD-BASED PANELS
MILLION TONNES						MILLION M ³	
World	405 145	230 699	189 672	53 617	47 146	488 610	373 006
Africa	3 062	2 233	2 411	34 722	100	12 111	2 842
Americas	99 802	60 145	98 109	9 171	14 910	155 740	66 913
Asia	194 752	101 847	38 322	9 045	5 924	139 154	210 296
Europe	103 594	63 038	47 894	641	26 007	172 417	89 933
Oceania	3 935	3 437	2 936	38	205	9 187	3 023
Afghanistan				145		410	0
Albania	0	15	0	60	42	8	11
Algeria	47	77		761		13	46
Andorra						0	0
Angola	0		0	393		50	10
Antigua and Barbuda						0	0
Argentina	1 678	856	660	397	15	4 020	1 031
Armenia	13	0	0	0	0	0	0
Australia	3 213	2 890	1 521	24	130	4 448	1 732
Austria	4 985	1 408	2 090	1	1 496	10 450	2 903
Azerbaijan	22	0	0	5	0	0	1
Bahamas		1		1		1	0
Bahrain	12	80		1		0	0
Bangladesh	58		47	340		388	8
Barbados	2	1		0		2	0
Belarus	368	300	187	5	509	5 355	5 154
Belgium	1 945	1 550	515	0	650	1 600	2 030
Belize		0		1		15	1
Benin		1		49		184	2
Bhutan	10			9		22	41
Bolivia (Plurinational State of)	0			36	2	466	36
Bosnia and Herzegovina	154	52	66	32	248	1 626	33
Botswana		10		75		0	0
Brazil	10 534	4 868	20 277	6 374	2 906	10 240	12 154
Brunei Darussalam		13		0	0	51	0
Bulgaria	364	90	239	2	262	716	1 074
Burkina Faso	1			743		5	0
Burundi				264		34	0
Cabo Verde				1		0	0
Cambodia	0	20		38		152	152
Cameroon	0		0	513		1 322	18
Canada	9 473	2 876	16 815		3 020	41 827	12 880
Central African Republic				224		43	1
Chad				503		3	0
Chile	1 015	282	5 293	241	121	8 156	3 136
China	111 700	56 061	14 865	1 623	893	90 241	156 586
Colombia	1 250	915	243	102		334	321

TABLE 27.
PRODUCTION OF SELECTED FOREST PRODUCTS, 2019 (CONTINUED)

COUNTRY	PAPER AND PAPERBOARD	RECOVERED PAPER	WOOD PULP	WOOD CHARCOAL	WOOD PELLETS AND OTHER AGGLOMERATES	SAWNWOOD	WOOD-BASED PANELS
	MILLION TONNES					MILLION M ³	
Comoros				50		0	0
Congo	3			5		403	8
Costa Rica	250	110		13	22	391	84
Côte d'Ivoire		6		545		874	106
Croatia	340	45	39	9	362	1 622	170
Cuba	16	28		120		134	149
Cyprus	0	48	0	1	0	1	0
Czechia	882	992	775	6	608	4 816	1 582
Democratic People's Republic of Korea	80		56	168		280	0
Democratic Republic of the Congo	3			2 713		150	2
Denmark	152	590	5	0	180	387	349
Djibouti				55		0	0
Dominica				0		0	0
Dominican Republic	130	130		19		26	0
Ecuador	245	183		105		514	821
Egypt	670	380	41	1 467	25	12	52
El Salvador	115	5		23		16	0
Equatorial Guinea				11		45	3
Eritrea				142		0	0
Estonia	67	91	222	0	1 264	1 800	405
Eswatini	49	6	0	53		180	53
Ethiopia	78	3		4 622		18	46
Fiji		3		2		130	11
Finland	9 720	620	11 600	0	363	11 390	1 231
France	7 325	6 736	1 626	40	1 660	7 813	5 256
Gabon				24		952	46
Gambia				71		46	0
Georgia	34	11	0	0		58	10
Germany	22 080	17 154	2 326	30	3 662	24 573	12 516
Ghana		3		2 058		534	188
Greece	321	310	0	0	59	66	409
Grenada						0	0
Guatemala	31	115		12	99	369	35
Guinea				420		31	22
Guinea-Bissau				77		16	0
Guyana				25		44	15
Haiti		1		38		14	0
Honduras	51	60	0	21	15	169	49
Hungary	873	500	21	0	24	493	1 217
Iceland	0	24	0	0	0	0	0
India	17 284	3 700	3 362	2 880		6 889	12 286

TABLE 27.
PRODUCTION OF SELECTED FOREST PRODUCTS, 2019 (CONTINUED)

COUNTRY	PAPER AND PAPERBOARD	RECOVERED PAPER	WOOD PULP	WOOD CHARCOAL	WOOD PELLETS AND OTHER AGGLOMERATES	SAWNWOOD	WOOD-BASED PANELS
	MILLION TONNES					MILLION M ³	
Indonesia	11 953	3 233	8 364	664	170	2 640	5 643
Iran (Islamic Republic of)	766	80	212	0		21	2 948
Iraq	13	205		23		12	5
Ireland	60	369	0	0	38	1 014	808
Israel	403	305	0	0		0	123
Italy	8 909	5 060	334	10	497	1 605	4 388
Jamaica	0	12		11		66	0
Japan	25 376	19 609	8 560	15	125	9 030	5 172
Jordan	54	100		50		0	0
Kazakhstan	251	38	0	1	0	215	286
Kenya	0	38	0	1 279		296	83
Kiribati				0		0	0
Kuwait	37	170		3		0	0
Kyrgyzstan	1	0	0	0	0	150	0
Lao People's Democratic Republic		216	370	93		255	51
Latvia	16	70	0	12	1 995	3 260	1 347
Lebanon	103	26		3		9	46
Lesotho		3		113		7	0
Liberia				322		133	0
Libya	6	37		115		31	0
Lithuania	159	188	0	1	698	1 266	854
Luxembourg	0	95	0	0	63	78	382
Madagascar	33	1		1 465		76	6
Malawi		1		604		103	59
Malaysia	1 750	1 200	131	20	795	3 390	4 050
Maldives				1		0	0
Mali		77		334		273	37
Malta	0	17	0	0	0	0	0
Marshall Islands						0	0
Mauritania	1			232		14	1
Mauritius	0	10	0	0	0	1	0
Mexico	5 805	4 597	123	124	4	3 367	1 043
Micronesia (Federated States of)				0		0	0
Mongolia				17	20	22	1
Montenegro	0	12	0	2	85	270	0
Morocco	156	140	70	118	5	83	113
Mozambique	2	5		263		661	1
Myanmar	356	484		438		1 830	116
Namibia		20		228		1	1
Nauru						0	0
Nepal	13	38		91		630	30
Netherlands	2 895	2 489	34	0	325	141	29

TABLE 27.
PRODUCTION OF SELECTED FOREST PRODUCTS, 2019 (CONTINUED)

COUNTRY	PAPER AND PAPERBOARD	RECOVERED PAPER	WOOD PULP	WOOD CHARCOAL	WOOD PELLETS AND OTHER AGGLOMERATES	SAWNWOOD	WOOD-BASED PANELS
	MILLION TONNES					MILLION M ³	
New Zealand	722	540	1 415	0	75	4 338	1 216
Nicaragua		35		13		60	10
Niger				772		4	0
Nigeria	19	20	23	4 672		2 002	96
North Macedonia	28	25	0	0	0	8	0
Norway	1 155	573	983	0	96	2 658	423
Oman	4	80		7		0	0
Pakistan	606	163	82	89		1 381	331
Palau						0	0
Panama	0	26		5		28	2
Papua New Guinea		0		7		220	64
Paraguay	67	30		430		550	81
Peru	578	72	0	45		597	80
Philippines	1 014	855	0	289		246	216
Poland	4 880	2 900	1 211	81	1 600	5 006	11 474
Portugal	2 025	923	2 745	10	1 008	1 035	1 158
Qatar	3	15		1		0	0
Republic of Korea	11 579	8 162	510	8	243	2 048	2 617
Republic of Moldova	8	18	0	1	24	13	0
Romania	561	600	0	1	800	5 599	3 904
Russian Federation	9 150	3 450	8 227	67	2 595	44 766	17 561
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		51		0	0
Senegal	0	0		300		31	0
Serbia	544	206	0	27	405	517	253
Seychelles	0	0	0	0		1	0
Sierra Leone				472		30	0
Singapore	87	700		5		1	12
Slovakia	806	380	653	4	181	1 653	1 104
Slovenia	719	357	92	1	139	944	233
Solomon Islands				2		31	0
Somalia				1 364		14	0
South Africa	1 801	1 277	2 221	223	15	2 259	1 513
South Sudan				289		20	0
Spain	6 437	4 418	1 516	60	741	2 976	4 114
Sri Lanka	25	170	3	2		61	156

TABLE 27.
PRODUCTION OF SELECTED FOREST PRODUCTS, 2019 (CONTINUED)

COUNTRY	PAPER AND PAPERBOARD	RECOVERED PAPER	WOOD PULP	WOOD CHARCOAL	WOOD PELLETS AND OTHER AGGLOMERATES	SAWNWOOD	WOOD-BASED PANELS
	MILLION TONNES					MILLION M ³	
Sudan	4	6		588		11	0
Suriname		1		9		320	2
Sweden	9 616	1 131	12 078	1	1 703	18 730	619
Switzerland	1 168	1 209	91	0	257	1 126	594
Syrian Arab Republic	75			3		9	17
Tajikistan	0		0			0	0
Thailand	5 033	2 909	1 143	1 518	317	4 500	7 631
Timor-Leste				0		0	0
Togo		1		282		67	1
Tonga				0		2	0
Trinidad and Tobago	15	7		2		31	0
Tunisia	148	40		204	9	27	113
Turkey	2 800	1 534	70	1	20	8 205	9 527
Turkmenistan	0	0	0	0	0	0	0
Tuvalu						0	0
Uganda	0			1 174		440	110
Ukraine	1 033	725	0	173	1 070	3 583	3 008
United Arab Emirates	246	500		3		0	0
United Kingdom of Great Britain and Northern Ireland	3 851	7 348	220	5	298	3 455	3 342
United Republic of Tanzania	40	2	56	2 092		73	29
United States of America	68 157	44 661	52 062	852	8 704	82 472	34 353
Uruguay	54	66	2 618	118	0	528	320
Uzbekistan	63	1	7	0	0	4	143
Vanuatu				1		14	0
Venezuela (Bolivarian Republic of)	336	201	18	20		950	310
Viet Nam	1 742	120	540	414	3 340	6 000	2 090
Yemen	0	1		25		0	0
Zambia	1			1 296	46	190	21
Zimbabwe	0	70		12		198	55

Complete series are available at <http://www.fao.org/faostat/en/#data/FO>

TABLE 28.
FOOD EXPORTS, 2019 (USD MILLION)

COUNTRY	FOOD EXCLUDING FISH								FISH	ALL FOOD
	FRUIT AND VEGETABLES	CEREALS AND PREPARATIONS	MEAT AND MEAT PREPARATIONS	BEVERAGES	DAIRY PRODUCTS AND EGGS	FATS AND OILS (EXCLUDING BUTTER)	SUGAR AND HONEY	OTHER FOOD		
World	274 386	193 411	155 647	114 205	84 981	81 748	41 987	281 604	154 494	1 382 462
Africa	16 032	2 491	800	1 647	847	2 240	2 816	18 911	7 014	52 798
Americas	79 208	57 170	53 002	18 236	7 562	13 829	12 944	97 860	30 089	369 899
Asia	78 076	37 584	14 858	14 121	6 616	34 826	11 365	54 210	58 152	309 809
Europe	95 352	89 511	70 028	76 195	57 823	29 751	13 187	105 630	55 865	593 343
Oceania	5 718	6 655	16 959	4 006	12 134	1 102	1 674	4 993	3 374	56 614
Afghanistan	667	3	0	1	0	0	1	69	0	741
Albania	76	6	1	8	1	1	0	7	111	211
Algeria	107	5	1	6	5	70	142	15	17	369
Andorra										0
Angola	3	0	0	0	0	13	0	1	62	80
Antigua and Barbuda	0	0	0	3	0	0	0	0	2	5
Argentina	2 818	9 717	3 808	844	673	4 033	281	3 915	1 768	27 858
Armenia	96	1	12	290	8	0	1	34	31	473
Australia	2 859	5 082	11 457	2 427	1 706	528	1 283	3 501	1 062	29 904
Austria	1 332	1 689	1 867	3 670	1 415	289	253	2 160	87	12 763
Azerbaijan	626	5	1	24	20	18	28	17	1	740
Bahamas	1	0		2		0	0	0	67	70
Bahrain	12	78	1	4	86	1	35	36	107	360
Bangladesh	55	66	0	30	3	89	8	48	469	769
Barbados	5	14	2	49	0	12	1	3	0	86
Belarus	581	129	927	201	2 367	266	131	168	365	5 135
Belgium	9 388	4 961	4 329	3 790	3 930	1 524	1 275	8 108	1 020	38 326
Belize	74	2	0	4	0	1	78	4	25	188
Benin	136	1	20	1	1	33	0	17	0	209
Bhutan	19	0	0	5	0	2	0	5	0	31
Bolivia (Plurinational State of)	221	123	16	2	15	329	40	70	0	817
Bosnia and Herzegovina	103	52	32	43	63	70	8	42	13	427
Botswana	8	2	61	1	1	0	1	8	2	83
Brazil	3 555	8 050	16 325	147	123	846	5 409	32 945	300	67 701
Brunei Darussalam	1	1	0	0	1	0	0	1	5	9
Bulgaria	420	1 850	223	193	176	343	142	1 114	83	4 543
Burkina Faso	191	10	0	2	0	35	0	77	0	315
Burundi	1	10	0	4	0	0	0	60	0	75
Cabo Verde		0		0	0		0	0	47	48
Cambodia	112	432		2	5	28	66	16	73	734
Cameroon	193	2	0	1	0	4	0	751	3	956
Canada	6 969	11 602	5 997	1 087	387	3 186	987	10 864	5 645	46 725
Central African Republic	0			0	0	0		17	0	17
Chad	0	0		0		0	0	74	0	74
Chile	7 353	363	1 141	1 956	124	138	39	375	6 136	17 625

TABLE 28.
FOOD EXPORTS, 2019 (USD MILLION) (CONTINUED)

COUNTRY	FOOD EXCLUDING FISH								FISH	ALL FOOD
	FRUIT AND VEGETABLES	CEREALS AND PREPARATIONS	MEAT AND MEAT PREPARATIONS	BEVERAGES	DAIRY PRODUCTS AND EGGS	FATS AND OILS (EXCLUDING BUTTER)	SUGAR AND HONEY	OTHER FOOD		
China	29 055	3 819	3 946	3 417	1 286	524	2 355	13 461	22 402	80 267
Colombia	1 286	206	81	34	11	514	485	2 864	142	5 622
Comoros	0				0		0	21	0	21
Congo	0	0	1	4	0	0	4	1	6	17
Costa Rica	2 670	140	135	64	159	147	92	899	118	4 424
Côte d'Ivoire	1 029	64	0	10	5	226	13	5 099	153	6 598
Croatia	139	439	198	170	79	77	80	785	235	2 202
Cuba	4	0	0	76	0		224	10	76	390
Cyprus	119	6	4	34	254	3	0	15	38	474
Czechia	460	1 330	416	706	876	366	342	1 928	170	6 594
Democratic People's Republic of Korea	0	0	0	0		1	0	0	10	12
Democratic Republic of the Congo	4	2	0	0	0	4	0	57	0	68
Denmark	595	1 701	4 415	1 044	2 657	543	272	2 896	4 253	18 376
Djibouti	14	0	0	0			107	66	0	188
Dominica	3	0		0	0	0	0	1	1	5
Dominican Republic	504	79	2	144	1	3	105	276	17	1 132
Ecuador	3 922	41	0	3	1	162	56	869	5 442	10 496
Egypt	3 012	436	10	33	305	189	259	482	39	4 765
El Salvador	82	233	6	159	35	21	256	210	92	1 095
Equatorial Guinea	0	0	0	0	0	0	0	1	0	2
Eritrea	0	0		0			0	1	1	2
Estonia	88	329	116	161	220	60	10	234	211	1 427
Eswatini	51	2	3	11	1	0	474	12	0	554
Ethiopia	262	10	170	0	0	0	7	1 171	0	1 620
Fiji	25	48	6	142	5	4	54	11	119	414
Finland	57	298	170	202	471	20	46	192	176	1 631
France	6 084	12 731	4 311	18 413	6 941	1 186	1 374	10 226	1 659	62 926
Gabon	0	0		0	0	4		0	5	9
Gambia	2	0		0	0	1	0	0	1	5
Georgia	158	5	28	517	4	6	1	66	3	788
Germany	6 713	9 733	11 098	6 014	9 930	2 532	2 583	17 304	2 508	68 413
Ghana	400	69	0	23	11	191	0	2 764	199	3 658
Greece	2 428	484	139	254	751	474	76	553	763	5 924
Grenada	4	2		2	0	0	0	8	4	19
Guatemala	1 777	230	74	206	3	482	826	1 585	101	5 285
Guinea	61	0	0	0	0	1	0	57	16	135
Guinea-Bissau	115	0		0		0	0	1	9	124
Guyana	12	169	0	46	0	1	14	8	96	346
Haiti	13	2		5	0	1	0	11	55	86
Honduras	510	83	19	8	31	185	88	981	217	2 121
Hungary	970	1 724	1 452	365	405	601	295	2 121	15	7 948

TABLE 28.
FOOD EXPORTS, 2019 (USD MILLION) (CONTINUED)

COUNTRY	FOOD EXCLUDING FISH								FISH	ALL FOOD
	FRUIT AND VEGETABLES	CEREALS AND PREPARATIONS	MEAT AND MEAT PREPARATIONS	BEVERAGES	DAIRY PRODUCTS AND EGGS	FATS AND OILS (EXCLUDING BUTTER)	SUGAR AND HONEY	OTHER FOOD		
Iceland	0	0	19	25	6	6	0	19	2 149	2 225
India	3 914	7 756	3 453	238	345	1 136	2 074	5 030	6 762	30 709
Indonesia	1 226	824	19	124	48	17 328	283	4 760	4 445	29 058
Iran (Islamic Republic of)	2 829	335	60	0	224	1	147	168	352	4 117
Iraq	389	2	3	0	0	12	3	2	0	411
Ireland	350	2 436	4 270	1 862	3 288	77	165	1 340	647	14 435
Israel	1 243	110	63	64	8	27	29	235	11	1 790
Italy	9 236	6 067	3 200	10 346	3 963	2 168	388	8 060	769	44 196
Jamaica	81	29	9	128	8	1	13	59	12	340
Japan	426	760	311	897	51	99	155	1 871	2 122	6 692
Jordan	428	62	86	26	60	9	23	312	3	1 008
Kazakhstan	213	1 779	61	52	73	173	39	625	61	3 075
Kenya	551	52	72	42	1	136	50	1 448	33	2 386
Kiribati	0			0		2		1	173	176
Kuwait	105	69	30	51	92	2	5	38	2	396
Kyrgyzstan	135	13	6	6	45	1	4	14	4	228
Lao People's Democratic Republic	296	80	5	250	0	0	128	306	0	1 065
Latvia	234	764	125	1 019	320	15	20	398	215	3 110
Lebanon	222	36	2	39	2	30	19	100	2	451
Lesotho	2	17	0	0	0	0	0	1	4	24
Liberia	5	0		0	0	14	0	15	1	35
Libya	4	3		0	0	0	0	0	19	27
Lithuania	527	1 099	313	424	608	64	120	700	698	4 554
Luxembourg	224	137	51	135	430	3	2	170	17	1 169
Madagascar	93	0	0	2	0	1	7	712	154	969
Malawi	112	5	0	0	0	0	85	106	0	310
Malaysia	588	1 468	173	696	450	11 222	227	3 567	820	19 211
Maldives	0	0	0	0	0	0	0	0	194	194
Mali	25	2	0	0	0	2	0	180	0	209
Malta	1	26	0	7	0	0	0	78	158	270
Marshall Islands									90	
Mauritania	1	0	0					20	964	985
Mauritius	5	14	1	10	2	1	192	23	377	625
Mexico	16 515	2 610	2 244	7 139	123	280	1 702	3 019	1 203	34 836
Micronesia (Federated States of)									125	
Mongolia	0	1	135	1	0	1	0	14	0	152
Montenegro	7	1	11	16	0	0	0	2	0	37
Morocco	3 020	29	2	32	67	161	233	227	2 008	5 779
Mozambique	286	9	0	2	0	20	91	99	67	576
Myanmar	1 761	1 026	3	9	0	1	116	556	684	4 155
Namibia	70	13	101	96	2	2	1	148	702	1 135

TABLE 28.
FOOD EXPORTS, 2019 (USD MILLION) (CONTINUED)

COUNTRY	FOOD EXCLUDING FISH								FISH	ALL FOOD
	FRUIT AND VEGETABLES	CEREALS AND PREPARATIONS	MEAT AND MEAT PREPARATIONS	BEVERAGES	DAIRY PRODUCTS AND EGGS	FATS AND OILS (EXCLUDING BUTTER)	SUGAR AND HONEY	OTHER FOOD		
Nauru	0			0					0	
Nepal	51	9	1	37	1	225	1	60	0	384
Netherlands	22 659	6 560	11 283	5 486	9 467	3 907	1 666	15 466	5 566	82 060
New Zealand	2 804	1 524	5 494	1 433	10 422	103	337	1 199	1 256	24 574
Nicaragua	271	20	547	59	166	60	202	510	288	2 121
Niger	32	148	0	0	1	67	82	278	0	610
Nigeria	254	10	0	16	10	21	1	1 130	33	1 473
North Macedonia	185	72	26	66	11	6	7	45	6	423
Norway	22	58	30	123	85	69	7	261	11 717	12 371
Oman	64	99	40	7	22	134	10	158	200	735
Pakistan	702	2 566	297	1	41	43	351	202	475	4 679
Palau									1	
Panama	311	16	22	42	12	37	26	65	86	617
Papua New Guinea	1	0	0	0	0	431	0	256	311	1 000
Paraguay	47	721	1 093	0	25	438	50	1 691	0	4 065
Peru	4 705	366	5	59	94	82	102	1 205	1 568	8 185
Philippines	3 269	317	22	27	41	971	108	218	785	5 759
Poland	4 162	3 953	6 904	1 021	2 678	479	817	5 271	2 484	27 769
Portugal	1 710	581	294	1 257	370	832	118	625	1 179	6 966
Qatar	1	0	0	0	0	0	0	15	0	17
Republic of Korea	849	626	87	851	56	66	322	2 017	1 739	6 613
Republic of Moldova	293	250	9	196	6	70	22	290	0	1 136
Romania	249	3 115	445	181	180	235	88	2 011	30	6 533
Russian Federation	946	8 794	711	565	274	3 412	525	2 720	5 382	23 329
Rwanda	24	78	1	6	3	38	22	218	9	398
Saint Kitts and Nevis	0	0		3			0	0	0	4
Saint Lucia	8	1	0	21	0	0	0	2	0	32
Saint Vincent and the Grenadines	5	9	0	5	0	0	0	1	3	22
Samoa	9	0	0	2	0	2	0	0	16	30
San Marino										
Sao Tome and Principe	0	0		0		1		8	0	9
Saudi Arabia	636	471	208	144	1 104	178	248	227	141	3 357
Senegal	373	91	2	8	6	76	7	159	562	1 285
Serbia	864	835	105	259	98	227	72	532	17	3 010
Seychelles	1	0	0	0			0	1	401	404
Sierra Leone	12	0	0	0	4	5	0	38	7	66
Singapore	252	1 650	88	2 990	213	253	81	6 425	266	12 217
Slovakia	233	616	270	127	316	42	235	1 092	17	2 947
Slovenia	371	284	288	162	196	52	43	505	43	1 946
Solomon Islands	5			0		25		11	54	95
Somalia	8	0	0	0		0		308	14	331
South Africa	4 322	827	291	1 141	232	203	594	760	559	8 930

TABLE 28.
FOOD EXPORTS, 2019 (USD MILLION) (CONTINUED)

COUNTRY	FOOD EXCLUDING FISH								FISH	ALL FOOD
	FRUIT AND VEGETABLES	CEREALS AND PREPARATIONS	MEAT AND MEAT PREPARATIONS	BEVERAGES	DAIRY PRODUCTS AND EGGS	FATS AND OILS (EXCLUDING BUTTER)	SUGAR AND HONEY	OTHER FOOD		
South Sudan	1	0	0	0	0	0	0	0	0	1
Spain	21 002	2 650	8 552	4 761	1 566	4 593	806	4 286	4 566	52 781
Sri Lanka	217	38	3	18	0	73	2	1 162	282	1 795
Sudan	149	35	40	0	0	23	60	1 108	3	1 419
Suriname	63	26	0	15	0	0	0	6	77	187
Sweden	380	980	234	858	343	576	173	1 383	4 482	9 409
Switzerland	105	810	80	2 013	730	55	173	4 559	8	8 532
Syrian Arab Republic	169	18	0	1	10	104	5	134	1	441
Tajikistan	29	3	0	2	0	0	0	0	0	34
Thailand	8 027	5 580	3 950	2 043	311	430	3 379	3 594	5 679	32 993
Timor-Leste	3	0	0	0	0	0	0	16	0	19
Togo	15	5	0	32	23	43	16	46	6	185
Tonga	6			0		0		0	3	9
Trinidad and Tobago	25	69	4	93	2	6	5	51	26	281
Tunisia	408	97	5	37	29	556	65	108	188	1 492
Turkey	8 005	3 417	714	350	661	991	607	2 145	1 013	17 902
Turkmenistan	26	0	0	0	0	0	0	0	0	27
Tuvalu	0	0				0	0	0	13	13
Uganda	119	222	1	31	122	58	91	564	137	1 345
Ukraine	629	8 691	537	135	266	4 018	319	2 723	45	17 362
United Arab Emirates	2 161	806	871	576	982	447	308	1 867	450	8 469
United Kingdom of Great Britain and Northern Ireland	1 531	3 277	2 580	9 917	2 339	494	534	5 256	2 774	28 703
United Republic of Tanzania	487	123	1	18	0	22	2	392	177	1 222
United States of America	25 295	21 531	19 317	5 738	4 921	2 735	1 847	34 127	5 236	120 747
Uruguay	83	712	2 151	21	648	126	17	1 166	117	5 042
Uzbekistan	918	138	0	13	9	16	5	97	1	1 196
Vanuatu	0	0	0	1		1		7	103	113
Venezuela (Bolivarian Republic of)	13	2	2	53	1	2	0	59	130	261
Viet Nam	7 860	3 065	169	283	92	123	181	4 478	8 380	24 631
Yemen	105	30		0	5	0	13	24	136	313
Zambia	15	86	14	70	12	16	144	31	4	393
Zimbabwe	49	9	2	4	3	0	63	29	6	166

Based on data available at <http://www.fao.org/faostat/en/#data/TCL> and <http://www.fao.org/fishery/statistics/en>

TABLE 29.
FOOD NET TRADE (USD MILLION)

COUNTRY	FOOD EXCLUDING FISH			FISH			ALL FOOD		
	2000	2010	2019	2000	2010	2018	2000	2010	2019
World									
Africa	-7 409	-26 805	-29 623	1 791	1 312	1 494	-5 619	-25 493	-28 129
Americas	23 773	102 357	105 546	-932	-3 060	-331	22 841	99 297	105 215
Asia	-46 181	-102 923	-180 407	-2 995	8 669	4 863	-49 176	-94 253	-175 544
Europe	-303	-14 999	37 584	-2 855	-7 497	-5 073	-3 158	-22 496	32 511
Oceania	13 382	25 878	34 760	1 282	1 054	1 613	14 664	26 933	36 373
Afghanistan	-239	-1 083	-1 454		0	-5		-1 083	-1 459
Albania	-204	-656	-680	1	8	24	-203	-649	-656
Algeria	-2 399	-5 407	-7 341	-8	-44	-114	-2 407	-5 451	-7 455
Andorra				-12	-19	-17			
Angola	-412	-2 220	-2 177	-6	-85	-101	-418	-2 305	-2 278
Antigua and Barbuda	-30	-69	-132	-4	-6	-7	-34	-75	-140
Argentina	6 893	22 011	23 196	718	1 189	1 613	7 610	23 200	24 809
Armenia	-155	-414	-181	-1	3	24	-156	-412	-157
Australia	9 313	13 746	16 344	501	-231	-348	9 814	13 515	15 996
Austria	-364	60	464	-144	-384	-503	-508	-324	-39
Azerbaijan	-175	-391	-929	1	-10	-32	-174	-401	-961
Bahamas	-332	-392	-432	94	55	44	-239	-338	-388
Bahrain	-351	-839	-1 218	5	-1	15	-346	-840	-1 203
Bangladesh	-1 314	-4 518	-6 810	339	524	358	-974	-3 993	-6 452
Barbados	-64	-181	-234	-10	-17	-28	-74	-198	-262
Belarus	-325	1 081	1 541	-52	-149	-72	-377	932	1 469
Belgium	2 553	4 115	6 222	-535	-859	-1 045	2 018	3 256	5 177
Belize	92	54	24	30	30	24	122	85	49
Benin	-73	36	-765	-7	-26	-105	-80	10	-871
Bhutan	-11	-64	-83		-3	-7		-67	-90
Bolivia (Plurinational State of)	17	321	139	-9	-10	-24	8	311	116
Bosnia and Herzegovina	-370	-1 121	-1 164	-9	-22	-33	-380	-1 143	-1 197
Botswana	-247	-377	-666	-10	-13	-12	-257	-390	-678
Brazil	6 400	46 942	59 350	-85	-837	-967	6 315	46 105	58 383
Brunei Darussalam	-153	-303	-410	-14	-25	-45	-167	-328	-455
Bulgaria	44	785	1 173	-3	-32	-40	41	754	1 133
Burkina Faso	-114	-133	-64	-1	-8	-18	-116	-141	-82
Burundi	13	27	-56	0	0	-3	13	27	-59
Cabo Verde	-70	-197	-229	1	35	40	-69	-162	-189
Cambodia	-70	-395	-482	29	37	50	-41	-359	-433
Cameroon	50	238	-81	-26	-183	-243	24	54	-324
Canada	4 127	7 524	9 499	1 482	1 708	2 711	5 609	9 232	12 210
Central African Republic	2	-34	-52	0	-4	-8	1	-38	-61
Chad	17	-97	-54	0	-1	-2	17	-98	-57
Chile	1 557	4 826	5 763	1 530	2 705	5 898	3 087	7 531	11 661
China	-4 459	-40 010	-91 532	2 415	7 446	1 685	-2 044	-32 565	-89 847
Colombia	1 274	1 123	383	128	-62	-300	1 402	1 061	82

TABLE 29.
FOOD NET TRADE (USD MILLION) (CONTINUED)

COUNTRY	FOOD EXCLUDING FISH			FISH			ALL FOOD		
	2000	2010	2019	2000	2010	2018	2000	2010	2019
Comoros	-9	-60	-64	0	-1	-3	-9	-61	-68
Congo	-128	-250	-454	-19	-16	-72	-146	-266	-526
Costa Rica	1 108	1 891	2 543	99	56	-48	1 207	1 947	2 495
Côte d'Ivoire	1 331	3 445	4 935	-3	-155	-376	1 328	3 291	4 560
Croatia	-275	-709	-1 078	11	33	37	-265	-676	-1 041
Cuba	-81	-1 252	-1 625	47	35	32	-34	-1 217	-1 593
Cyprus	-204	-701	-599	-19	-51	-55	-224	-752	-654
Czechia	-230	-1 592	-1 900	-51	-119	-187	-281	-1 711	-2 087
Democratic People's Republic of Korea	-416	-290	-857	75	19	-56	-341	-271	-913
Democratic Republic of the Congo	-175	-885	-1 143	-26	-112	-66	-201	-997	-1 208
Denmark	4 096	5 531	5 442	838	961	686	4 933	6 493	6 128
Djibouti	-83	-379	-548	-2	-1	-5	-84	-380	-553
Dominica	-7	-29	-34	-2	-2	-1	-8	-31	-35
Dominican Republic	-153	-446	-1 357	-50	-128	-181	-203	-573	-1 537
Ecuador	883	2 158	3 641	567	1 456	5 309	1 449	3 615	8 951
Egypt	-2 560	-7 981	-9 558	-134	-476	-1 038	-2 694	-8 457	-10 596
El Salvador	-17	-369	-907	18	33	51	1	-337	-857
Equatorial Guinea	-4	-135	-229	-1	-19	-15	-5	-154	-244
Eritrea	-68	-94	-157	2	0	1	-66	-94	-156
Estonia	-193	-238	-146	47	80	56	-147	-157	-90
Eswatini	109	77	257	-5	-3	-7	103	74	250
Ethiopia	12	423	-380	0	-1	-2	12	422	-382
Fiji	50	-58	-50	25	77	77	75	19	27
Finland	-771	-2 258	-2 888	-85	-320	-362	-856	-2 578	-3 250
France	12 262	16 000	14 007	-1 859	-4 305	-4 860	10 403	11 695	9 147
Gabon	-158	-418	-453	3	-20	-65	-155	-438	-519
Gambia	-56	-146	-156	3	5	0	-52	-141	-155
Georgia	-121	-482	-244	-1	-28	-38	-122	-510	-282
Germany	-8 874	-9 781	-11 359	-1 116	-2 230	-3 130	-9 990	-12 011	-14 490
Ghana	223	-2	1 938	-5	-78	-32	219	-80	1 906
Greece	-856	-2 459	-983	-28	205	160	-885	-2 254	-823
Grenada	-12	-56	-45	1	-2	-1	-11	-58	-46
Guatemala	886	1 774	2 525	28	31	18	914	1 806	2 543
Guinea	-102	-325	-713	4	5	12	-98	-320	-701
Guinea-Bissau	8	-29	-27	3	3	6	11	-27	-21
Guyana	108	157	36	50	48	91	159	205	127
Haiti	-309	-890	-942	-3	-14	9	-311	-904	-933
Honduras	238	572	471	183	156	202	422	728	672
Hungary	1 298	2 988	2 803	-17	-59	-96	1 281	2 929	2 707
Iceland	-142	-208	-435	1 021	1 575	2 053	879	1 367	1 618
India	1 670	3 775	6 441	1 405	2 452	6 646	3 075	6 227	13 087
Indonesia	860	12 404	10 288	1 531	2 302	4 120	2 390	14 706	14 408
Iran (Islamic Republic of)	-1 615	-2 435	-5 838	44	123	265	-1 571	-2 312	-5 572

TABLE 29.
FOOD NET TRADE (USD MILLION) (CONTINUED)

COUNTRY	FOOD EXCLUDING FISH			FISH			ALL FOOD		
	2000	2010	2019	2000	2010	2018	2000	2010	2019
Iraq	-1 861	-6 048	-8 472	0	-45	-131	-1 860	-6 093	-8 603
Ireland	3 780	3 134	5 168	209	271	316	3 989	3 405	5 483
Israel	-810	-1 816	-3 502	-118	-287	-654	-928	-2 103	-4 156
Italy	-1 169	-355	7 929	-2 106	-4 578	-5 688	-3 275	-4 933	2 240
Jamaica	-98	-459	-619	-41	-80	-115	-139	-539	-733
Japan	-26 992	-38 985	-41 642	-14 413	-12 269	-12 370	-41 405	-51 254	-54 012
Jordan	-486	-1 235	-2 390	-19	-73	-107	-505	-1 308	-2 497
Kazakhstan	183	-865	-338	-7	39	-53	176	-827	-391
Kenya	381	871	20	35	56	6	415	927	26
Kiribati	-9	-24	-28	5	28	171	-5	4	142
Kuwait	-1 109	-2 087	-3 899	-20	-87	-235	-1 129	-2 173	-4 134
Kyrgyzstan	-46	-341	-341	-2	-9	-3	-48	-350	-344
Lao People's Democratic Republic	-25	-181	244	-1	-1	-9	-26	-182	235
Latvia	-420	-129	272	13	34	22	-407	-95	294
Lebanon	-815	-1 895	-2 235	-41	-110	-148	-856	-2 004	-2 383
Lesotho	-120	-175	-346	-8	-3	-4	-128	-178	-349
Liberia	-83	-243	-271	-3	-4	-6	-86	-248	-277
Libya	-1 006	-2 018	-2 624	3	-64	-217	-1 004	-2 082	-2 841
Lithuania	-81	388	696	-20	33	98	-101	421	795
Luxembourg	-388	-930	-1 020	-43	-81	-112	-431	-1 012	-1 132
Madagascar	-6	-162	313	31	87	127	24	-74	441
Malawi	45	59	74	0	-1	-4	45	57	69
Malaysia	1 551	10 094	5 596	47	38	-264	1 598	10 132	5 332
Maldives	-73	-224	-399	40	59	166	-33	-165	-233
Mali	23	-249	-471	-1	-12	-46	22	-261	-516
Malta	-193	-362	-443	-8	51	21	-201	-311	-422
Marshall Islands				2	50	86			
Mauritania	-136	-301	-558	87	199	964	-49	-101	406
Mauritius	-9	-256	-526	-4	96	95	-13	-160	-431
Mexico	-743	-1 021	10 866	597	188	407	-145	-833	11 273
Micronesia (Federated States of)				25	23	117			
Mongolia	-71	-264	-403	0	-3	-6	-71	-267	-409
Montenegro		-416	-595		-12	-23		-428	-618
Morocco	-793	-1 662	-707	934	1 209	1 775	141	-453	1 068
Mozambique	-178	-464	-645	91	21	14	-87	-443	-631
Myanmar	68	319	2 261	183	475	670	252	794	2 931
Namibia	-100	12	-399	256	713	650	157	725	250
Nauru	-2	-2	-12						
Nepal	-152	-374	-1 326	0	-2	-11	-152	-377	-1 338
Netherlands	6 389	17 842	20 676	217	440	1 192	6 605	18 281	21 869
New Zealand	4 172	12 775	19 516	596	917	1 063	4 768	13 692	20 580
Nicaragua	148	663	1 040	124	129	276	272	791	1 317
Niger	-26	-149	150	1	-1	-12	-25	-150	138

TABLE 29.
FOOD NET TRADE (USD MILLION) (CONTINUED)

COUNTRY	FOOD EXCLUDING FISH			FISH			ALL FOOD		
	2000	2010	2019	2000	2010	2018	2000	2010	2019
Nigeria	-800	-4 528	-4 505	-168	-768	-759	-968	-5 296	-5 264
North Macedonia	-85	-198	-381	-7	-17	-23	-91	-216	-404
Norway	-1 252	-4 065	-4 938	3 017	8 175	11 113	1 765	4 110	6 175
Oman	-407	-1 472	-3 010	46	92	125	-361	-1 380	-2 885
Pakistan	-749	-404	-1 238	149	258	465	-600	-145	-773
Palau				0	-1	-1			
Panama	-61	-617	-1 753	231	150	-7	170	-467	-1 761
Papua New Guinea	151	320	-26	47	101	259	198	421	233
Paraguay	230	2 962	3 306	-2	-6	-10	228	2 956	3 297
Peru	-175	470	2 796	153	475	1 303	-22	945	4 099
Philippines	-725	-2 124	-5 615	328	511	174	-398	-1 614	-5 441
Poland	-61	3 787	9 070	-59	-129	-71	-119	3 659	8 999
Portugal	-1 814	-3 785	-3 031	-572	-888	-1 218	-2 387	-4 674	-4 249
Qatar	-346	-1 790	-2 832	-4	-53	-109	-350	-1 843	-2 941
Republic of Korea	-4 285	-10 753	-17 268	46	-1 466	-3 633	-4 239	-12 219	-20 901
Republic of Moldova	208	263	528	-3	-41	-59	204	221	469
Romania	-407	-673	-969	-17	-161	-300	-424	-834	-1 268
Russian Federation	-4 927	-23 523	-6 699	1 341	502	3 193	-3 587	-23 022	-3 507
Rwanda	-13	-70	-107	0	-4	-20	-13	-73	-127
Saint Kitts and Nevis	-25	-41	-37	-2	-3	-3	-27	-45	-40
Saint Lucia	-47	-76	-113	-5	-7	-10	-51	-82	-123
Saint Vincent and the Grenadines	6	-52	-70	0	-1	1	6	-54	-69
Samoa	-17	-60	-79	-1	7	9	-18	-53	-70
San Marino									
Sao Tome and Principe	-5	-26	-35	0	0	0	-5	-26	-35
Saudi Arabia	-4 428	-12 285	-15 075	-96	-227	-545	-4 524	-12 512	-15 619
Senegal	-260	-958	-822	258	232	535	-2	-726	-287
Serbia		1 241	1 427		-62	-87		1 179	1 340
Seychelles	-48	-76	-144	103	178	293	55	102	149
Sierra Leone	-106	-142	-311	10	8	0	-96	-134	-312
Singapore	-1 293	-2 464	1 601	-86	-623	-825	-1 379	-3 087	776
Slovakia	-238	-1 051	-1 584	-24	-68	-107	-262	-1 119	-1 691
Slovenia	-313	-875	-667	-18	-55	-85	-331	-930	-752
Solomon Islands	25	-39	-76	12	15	51	37	-24	-25
Somalia	-26	-157	-1 478	2	-1	0	-24	-159	-1 478
South Africa	812	1 613	3 115	216	256	94	1 028	1 868	3 210
South Sudan			-246			-1			-247
Spain	4 773	10 308	21 015	-1 707	-3 177	-3 358	3 066	7 131	17 657
Sri Lanka	227	293	-432	59	33	67	286	327	-365
Sudan			-370			0			-371
Suriname	-35	-88	-70	35	58	70	0	-30	0
Sweden	-1 631	-4 543	-5 695	-245	-612	-757	-1 876	-5 155	-6 452
Switzerland	-2 183	-2 218	-1 546	-343	-631	-792	-2 527	-2 849	-2 338

TABLE 29.
FOOD NET TRADE (USD MILLION) (CONTINUED)

COUNTRY	FOOD EXCLUDING FISH			FISH			ALL FOOD		
	2000	2010	2019	2000	2010	2018	2000	2010	2019
Syrian Arab Republic	-373	-865	-1 199	-33	-58	-53	-406	-923	-1 252
Tajikistan	-100	-375	-619	0	-3	-5	-100	-378	-624
Thailand	4 058	12 891	19 157	3 639	4 861	2 086	7 697	17 752	21 243
Timor-Leste	-30	-43	-122		-3	-8		-46	-130
Togo	-9	63	-120	-9	-20	-35	-18	43	-156
Tonga	-16	-39	-54	3	3	-1	-13	-36	-55
Trinidad and Tobago	-71	-426	-519	4	-17	-17	-67	-443	-537
Tunisia	-186	-737	-604	75	85	76	-111	-651	-528
Turkey	1 431	4 682	5 368	52	206	814	1 483	4 888	6 182
Turkmenistan	-90	-290	-294	0	-4	-2	-90	-293	-296
Tuvalu	-1	-4	-6	0	12	12	-1	8	7
Uganda	64	129	462	29	122	127	93	252	589
Ukraine	726	3 837	12 656	-69	-400	-699	657	3 437	11 956
United Arab Emirates	-1 722	-6 952	-7 050	-18	-256	-310	-1 740	-7 208	-7 360
United Kingdom of Great Britain and Northern Ireland	-8 629	-24 125	-25 184	-784	-1 135	-1 515	-9 413	-25 260	-26 699
United Republic of Tanzania	9	-172	-74	94	146	171	102	-26	97
United States of America	3 010	18 410	-12 834	-7 420	-10 857	-17 801	-4 410	7 554	-30 635
Uruguay	553	3 218	3 897	97	124	75	650	3 342	3 972
Uzbekistan	-226	-408	-650	-1	1	-14	-227	-407	-664
Vanuatu	-2	-24	-55	57	57	96	56	33	41
Venezuela (Bolivarian Republic of)	-1 249	-5 850	-1 496	113	-218	88	-1 135	-6 067	-1 408
Viet Nam	1 339	1 930	2 781	1 451	4 677	6 775	2 790	6 606	9 557
Yemen	-683	-2 357	-2 274	16	220	120	-666	-2 137	-2 154
Zambia	-19	62	14	-1	-8	-110	-20	55	-96
Zimbabwe	177	-914	-172	-3	-15	-2	174	-930	-174

Based on data available at <http://www.fao.org/faostat/en/#data/TCL> and <http://www.fao.org/fishery/statistics/en>

TABLE 30.
FOOD IMPORTS, 2019 (USD MILLION)

COUNTRY	FOOD EXCLUDING FISH								FISH	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	278 390	206 908	151 189	115 037	87 127	86 769	44 669	290 021	151 928	1 412 037
Africa	6 649	28 275	5 368	3 114	9 690	4 824	6 726	10 761	5 520	80 927
Americas	60 475	38 271	22 723	36 335	12 047	7 881	8 316	48 216	30 419	264 684
Asia	79 018	78 004	61 910	24 289	36 851	26 766	15 326	109 899	53 289	485 353
Europe	129 247	59 442	59 722	48 734	27 697	45 860	13 558	115 634	60 938	560 832
Oceania	3 000	2 916	1 466	2 565	843	1 437	743	5 510	1 762	20 241
Afghanistan	482	784	81	33	249	83	260	224	5	2 200
Albania	114	177	114	101	42	37	35	162	87	867
Algeria	781	2 771	230	69	856	1 269	746	971	131	7 825
Andorra										17
Angola	108	720	545	77	292	163	182	106	163	2 358
Antigua and Barbuda	25	16	27	30	3	12	3	19	9	144
Argentina	411	82	126	80	71	26	36	2 062	156	3 049
Armenia	104	116	84	55	54	48	32	129	7	630
Australia	2 148	1 762	752	1 961	509	990	347	4 029	1 409	13 908
Austria	2 979	1 764	1 431	1 428	445	1 002	334	2 829	590	12 801
Azerbaijan	237	521	95	66	144	135	161	309	33	1 701
Bahamas	66	57	114	80	11	37	9	61	23	458
Bahrain	350	243	274	73	61	237	52	182	92	1 564
Bangladesh	1 452	1 529	25	15	1 438	424	743	1 483	111	7 221
Barbados	62	55	36	46	9	32	18	63	28	348
Belarus	1 061	456	143	298	149	63	115	943	438	3 666
Belgium	7 660	4 262	2 374	2 911	1 808	3 740	888	7 439	2 066	33 149
Belize	8	28	9	20	22	20	1	31	1	140
Benin	15	658	107	12	94	8	51	28	106	1 079
Bhutan	7	29	6	13	15	24	6	13	7	121
Bolivia (Plurinational State of)	59	260	9	36	21	21	31	241	24	701
Bosnia and Herzegovina	231	270	217	202	89	104	68	397	45	1 623
Botswana	127	172	19	150	37	50	82	111	14	761
Brazil	1 698	3 032	283	665	890	477	69	935	1 267	9 318
Brunei Darussalam	90	101	42	42	13	43	8	75	50	465
Bulgaria	578	307	508	348	145	267	147	988	123	3 410
Burkina Faso	10	214	1	8	25	25	33	63	18	397
Burundi	6	70	5	5	11	1	21	13	3	135
Cabo Verde	44	51	35	23	12	33	9	22	7	237
Cambodia	26	306	18	346	15	41	254	137	23	1 167
Cameroon	41	688	9	43	41	56	45	111	247	1 280
Canada	10 719	4 108	2 697	4 362	768	635	1 084	7 208	2 934	34 515
Central African Republic	7	18	10	2	6	3	7	17	9	78
Chad	4	46	4	6	4	6	29	30	3	131
Chile	610	1 163	1 598	475	496	293	263	828	238	5 964

TABLE 30.
FOOD IMPORTS, 2019 (USD MILLION) (CONTINUED)

COUNTRY	FOOD EXCLUDING FISH								FISH	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	24 049	15 830	26 645	10 310	10 039	8 724	2 407	51 392	20 717	170 114
Colombia	588	2 130	418	281	514	160	177	828	443	5 539
Comoros	5	32	20	6	6	7	8	2	3	89
Congo	18	162	178	16	52	16	3	19	79	543
Costa Rica	318	516	147	138	96	58	54	436	166	1 928
Côte d'Ivoire	114	947	90	84	55	85	27	108	528	2 038
Croatia	579	412	526	277	128	295	111	717	199	3 243
Cuba	110	748	466	77	89	195	8	245	44	1 983
Cyprus	170	232	117	170	30	95	26	197	93	1 129
Czechia	1 903	933	1 482	768	292	717	239	1 988	357	8 680
Democratic People's Republic of Korea	92	406	36	39	166	8	55	58	66	925
Democratic Republic of the Congo	65	384	211	138	125	32	120	135	66	1 276
Denmark	1 838	937	1 539	1 151	556	820	310	1 530	3 566	12 248
Djibouti	59	256	8	12	245	25	79	52	5	741
Dominica	5	6	10	9	3	3	1	3	2	41
Dominican Republic	316	721	281	227	200	267	69	390	198	2 669
Ecuador	229	529	15	94	143	8	68	327	133	1 545
Egypt	1 302	5 405	2 118	80	1 213	642	403	3 120	1 077	15 361
El Salvador	310	470	274	121	146	229	32	329	41	1 952
Equatorial Guinea	15	38	49	82	19	12	4	10	15	246
Eritrea	6	94	1	0	18	5	21	12	0	159
Estonia	309	141	179	246	38	89	48	312	155	1 517
Eswatini	45	90	15	52	14	28	16	37	7	304
Ethiopia	89	1 110	9	27	203	15	467	81	2	2 002
Fiji	66	90	42	20	26	51	9	41	42	387
Finland	1 145	504	370	524	177	388	175	1 060	539	4 882
France	13 515	4 897	5 901	4 231	2 118	4 309	1 050	11 238	6 519	53 778
Gabon	37	138	149	34	23	33	8	35	70	527
Gambia	6	54	10	5	34	9	37	6	0	161
Georgia	145	222	133	71	76	75	101	206	41	1 071
Germany	22 523	7 315	8 508	6 679	2 928	8 275	1 873	19 165	5 638	82 903
Ghana	88	731	98	65	179	72	158	129	232	1 752
Greece	1 020	852	1 400	364	239	891	221	1 156	603	6 746
Grenada	6	10	17	6	1	9	1	10	5	65
Guatemala	264	847	309	242	155	223	78	542	83	2 742
Guinea	54	385	52	30	73	20	100	119	4	836
Guinea-Bissau	9	70	5	25	7	5	5	17	3	145
Guyana	33	49	9	28	12	25	12	47	5	219
Haiti	51	419	105	33	110	65	98	91	46	1 019
Honduras	177	476	139	160	59	66	44	314	15	1 449
Hungary	885	698	850	352	215	463	177	1 491	111	5 241

TABLE 30.
FOOD IMPORTS, 2019 (USD MILLION) (CONTINUED)

COUNTRY	FOOD EXCLUDING FISH								FISH	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	142	95	31	79	17	8	17	122	96	607
India	4 816	280	9	518	9 750	34	410	1 689	116	17 621
Indonesia	3 011	3 735	874	132	213	1 077	1 687	3 595	325	14 650
Iran (Islamic Republic of)	980	4 044	938	70	1 016	154	559	1 842	87	9 690
Iraq	2 085	2 789	386	214	625	1 247	339	1 199	131	9 014
Ireland	1 509	1 573	1 121	1 019	406	873	405	1 714	331	8 952
Israel	850	1 317	671	391	207	147	235	1 463	665	5 946
Italy	7 159	5 163	5 370	1 996	3 677	3 956	1 092	7 087	6 457	41 955
Jamaica	128	261	96	73	46	81	71	190	127	1 074
Japan	9 752	7 463	14 129	3 203	1 357	1 767	838	7 702	14 492	60 704
Jordan	530	967	391	121	160	273	168	783	110	3 504
Kazakhstan	806	365	372	273	213	272	232	817	114	3 465
Kenya	112	933	5	94	560	144	326	158	27	2 360
Kiribati	2	10	7	2	1	2	4	4	2	33
Kuwait	857	894	677	122	176	644	119	805	236	4 530
Kyrgyzstan	127	130	43	60	53	12	29	110	8	573
Lao People's Democratic Republic	92	84	10	245	10	11	90	278	9	830
Latvia	446	299	220	913	89	193	67	396	193	2 817
Lebanon	341	613	203	135	131	319	150	791	150	2 834
Lesotho	46	109	57	51	20	24	17	40	8	373
Liberia	12	150	54	16	28	7	9	29	6	312
Libya	403	695	153	109	159	363	160	590	236	2 868
Lithuania	765	336	337	519	188	337	79	600	600	3 759
Luxembourg	453	232	249	479	24	364	27	344	129	2 302
Madagascar	14	245	1	5	103	27	60	46	27	529
Malawi	15	79	1	8	67	10	15	40	5	241
Malaysia	2 234	2 521	878	618	1 456	948	800	3 341	1 084	13 879
Maldives	132	53	44	49	14	48	8	51	28	427
Mali	56	256	6	29	81	30	53	168	46	726
Malta	100	94	104	87	16	52	20	82	136	692
Marshall Islands										4
Mauritania	61	218	25	3	58	119	60	35	1	579
Mauritius	111	186	86	53	43	107	44	144	282	1 055
Mexico	2 640	6 268	4 439	920	1 074	1 823	764	4 838	797	23 563
Micronesia (Federated States of)										8
Mongolia	80	92	35	50	30	40	50	180	6	561
Montenegro	85	87	131	90	18	58	15	147	23	655
Morocco	518	1 773	62	104	553	248	445	775	233	4 711
Mozambique	84	556	41	63	224	40	74	73	53	1 207
Myanmar	83	464	11	229	122	66	72	162	14	1 224

TABLE 30.
FOOD IMPORTS, 2019 (USD MILLION) (CONTINUED)

COUNTRY	FOOD EXCLUDING FISH								FISH	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		
Namibia	116	174	64	208	43	45	82	101	52	884
Nauru	1	1	5	1	0	1	0	1		
Nepal	406	506	1	29	392	14	24	339	11	1 722
Netherlands	15 730	6 586	5 839	3 777	4 399	4 541	1 054	13 892	4 373	60 191
New Zealand	647	578	238	454	237	236	314	1 098	193	3 994
Nicaragua	65	298	54	68	71	46	25	167	12	805
Niger	22	173	23	14	73	31	33	89	12	471
Nigeria	248	2 068	33	287	1 708	373	663	567	792	6 737
North Macedonia	113	120	162	48	57	69	44	186	29	827
Norway	1 437	791	157	816	567	148	175	1 501	604	6 196
Oman	717	825	364	126	226	642	87	557	75	3 619
Pakistan	893	226	7	5	1 926	125	37	2 221	11	5 453
Palau										2
Panama	278	484	167	736	74	158	37	350	93	2 378
Papua New Guinea	27	233	149	27	38	30	39	174	52	768
Paraguay	79	147	15	239	35	41	28	175	10	768
Peru	288	1 739	196	125	456	239	153	627	265	4 087
Philippines	1 123	3 794	1 238	399	336	1 004	508	2 187	612	11 200
Poland	4 184	1 550	2 079	1 043	1 043	1 068	505	4 744	2 555	18 770
Portugal	1 838	1 539	1 439	562	587	617	247	1 989	2 397	11 215
Qatar	647	562	576	79	83	291	60	551	109	2 958
Republic of Korea	3 637	4 497	5 499	967	1 207	973	1 083	4 280	5 372	27 515
Republic of Moldova	159	92	45	63	20	57	18	155	59	667
Romania	1 727	1 137	1 194	415	197	627	325	1 851	329	7 801
Russian Federation	8 355	1 207	2 023	3 027	1 247	3 014	356	5 417	2 190	26 836
Rwanda	44	174	1	26	104	12	88	49	29	526
Saint Kitts and Nevis	5	5	11	9	1	4	1	4	3	44
Saint Lucia	24	25	31	22	5	16	5	18	10	155
Saint Vincent and the Grenadines	8	22	19	11	3	8	4	14	2	92
Samoa	8	21	29	3	3	16	5	9	7	100
San Marino										
Sao Tome and Principe	4	14	5	9	3	3	2	2	0	44
Saudi Arabia	3 215	5 303	2 136	144	791	1 849	812	4 040	686	18 976
Senegal	157	826	17	43	165	74	61	200	28	1 571
Serbia	450	170	165	119	63	114	44	441	104	1 670
Seychelles	28	20	21	22	13	21	3	17	108	255
Sierra Leone	24	169	29	25	19	14	18	72	8	377
Singapore	1 652	902	1 027	2 758	480	958	308	2 266	1 091	11 441
Slovakia	920	516	850	466	160	444	110	1 048	124	4 638
Slovenia	698	435	335	190	101	194	88	527	128	2 697
Solomon Islands	3	66	17	5	5	4	5	12	3	120
Somalia	494	456	15	7	172	100	313	237	14	1 809

TABLE 30.
FOOD IMPORTS, 2019 (USD MILLION) (CONTINUED)

COUNTRY	FOOD EXCLUDING FISH								FISH	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	585	1 240	594	691	625	175	450	896	465	5 720
South Sudan	12	87	6	25	18	2	65	34	1	249
Spain	6 454	5 160	1 876	1 997	2 518	2 062	917	6 217	7 924	35 124
Sri Lanka	410	509	11	73	126	353	211	252	215	2 160
Sudan	144	612	4	4	146	91	554	231	3	1 790
Suriname	27	32	24	21	16	18	12	31	7	188
Sweden	2 538	1 078	1 308	1 418	740	1 069	345	2 126	5 239	15 861
Switzerland	2 494	1 184	804	1 924	337	592	273	2 462	800	10 870
Syrian Arab Republic	272	481	25	37	223	137	149	316	54	1 692
Tajikistan	45	305	23	22	106	14	48	89	5	658
Thailand	2 110	1 638	154	381	227	689	190	2 768	3 593	11 750
Timor-Leste	7	33	17	21	14	11	13	26	8	149
Togo	17	80	19	17	63	27	42	35	41	341
Tonga	5	10	24	5	1	7	1	6	4	64
Trinidad and Tobago	154	146	107	67	40	122	38	99	43	818
Tunisia	111	829	25	19	194	64	177	488	113	2 021
Turkey	1 653	3 811	89	274	1 140	149	186	4 219	199	11 720
Turkmenistan	41	92	19	8	34	5	38	83	2	323
Tuvalu	0	1	2	0	0	0	0	1	0	6
Uganda	40	227	3	29	235	2	103	107	10	756
Ukraine	1 108	475	301	554	360	276	122	1 466	745	5 406
United Arab Emirates	3 917	2 088	2 386	977	509	1 698	581	2 913	760	15 829
United Kingdom of Great Britain and Northern Ireland	14 024	5 582	8 016	7 241	1 491	3 661	1 416	9 682	4 289	55 402
United Republic of Tanzania	53	400	11	46	376	22	133	79	6	1 125
United States of America	40 321	12 004	9 828	26 573	6 154	2 336	4 857	26 270	23 037	151 382
Uruguay	158	162	248	65	106	24	58	207	42	1 069
Uzbekistan	114	580	41	18	314	33	284	463	14	1 860
Vanuatu	5	22	14	6	2	5	3	7	8	72
Venezuela (Bolivarian Republic of)	94	877	254	26	124	43	95	115	42	1 670
Viet Nam	3 891	4 023	790	272	712	655	378	2 749	1 605	15 074
Yemen	123	1 403	219	14	142	96	331	124	16	2 467
Zambia	49	67	26	49	101	19	10	55	114	490
Zimbabwe	13	154	1	8	92	12	2	50	8	340

Based on data available at <http://www.fao.org/faostat/en/#data/TCL> and <http://www.fao.org/fishery/statistics/en>

TABLE 31.
CEREALS EXPORTS (THOUSAND TONNES)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
World	273 881.2	291 664.2	342 539.8	426 962.1	438 996.1	455 061.3	479 554.9	480 206.7	468 089.4
Africa	2 125.1	4 147.8	4 075.7	4 992.4	4 074.5	3 799.6	5 929.6	5 300.5	4 845.4
Americas	136 263.7	131 152.7	154 657.7	169 172.2	172 858.4	188 449.3	196 780.9	199 939.3	206 798.8
Asia	39 207.8	42 372.3	44 832.0	59 534.7	53 389.1	50 368.9	57 045.7	61 493.9	54 711.0
Europe	73 619.2	95 353.0	118 359.5	167 896.1	184 370.7	189 346.1	188 286.1	194 121.3	188 877.1
Oceania	22 665.4	18 638.5	20 614.8	25 366.7	24 303.5	23 097.4	31 512.5	19 351.7	12 857.1
Afghanistan			0.0	1.7	0.5	0.1	2.1	2.4	13.0
Albania	0.0	0.0	0.0		0.1	0.9	0.2	0.3	0.1
Algeria	0.0	14.0	8.4	1.4	4.8	3.3	0.5	0.0	0.5
Andorra									
Angola	0.0	0.0	0.0	0.0	0.0	1.2	27.2	14.4	0.3
Antigua and Barbuda	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Argentina	23 728.4	26 127.9	25 449.6	22 543.7	24 572.2	39 912.3	41 259.8	38 956.5	50 738.5
Armenia	0.0	0.0	0.0	0.2	1.0	0.1	0.3	0.2	0.1
Australia	22 628.9	18 611.8	20 567.6	25 312.7	24 252.5	23 051.7	31 475.5	19 306.5	12 801.6
Austria	980.9	1 336.6	1 294.4	1 471.0	1 385.8	1 432.3	1 470.4	1 241.0	1 301.9
Azerbaijan	2.5	11.4	0.3	0.1	0.1	15.9	20.9	44.5	18.7
Bahamas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bahrain	6.2	1.3	0.4	0.3	1.1	1.1	0.8	0.8	0.7
Bangladesh	0.7	4.6	3.9	5.1	3.8	17.2	7.2	8.6	9.0
Barbados	4.6	8.2	3.8	6.2	6.0	5.1	4.9	4.8	4.8
Belarus	54.2	4.2	38.8	25.6	72.4	229.2	73.0	95.3	18.4
Belgium	2 766.2	2 501.0	2 364.8	2 242.9	2 319.5	2 337.6	2 233.6	2 226.9	1 871.0
Belize	0.6	0.9	10.7	4.6	10.9	6.9	9.8	17.3	7.8
Benin	2.1	20.2	581.9	22.6	4.9	1.5	3.5	6.5	5.6
Bhutan	9.3	0.9	1.1	8.0	6.1	1.9	0.7	1.2	0.0
Bolivia (Plurinational State of)	6.4	11.9	34.2	44.9	150.6	56.0	44.0	61.3	62.9
Bosnia and Herzegovina	51.0	18.1	70.6	99.1	97.8	239.8	218.1	105.7	54.7
Botswana	3.3	3.7	4.7	0.9	0.5	1.0	1.7	3.1	5.3
Brazil	36.5	1 526.3	12 567.5	21 796.5	31 656.6	23 230.0	30 507.7	25 016.4	44 344.9
Brunei Darussalam	0.0	0.0	0.3	0.0	0.1	0.0	0.2	2.2	1.3
Bulgaria	809.2	1 890.7	3 532.8	5 312.9	4 949.9	6 264.9	5 627.8	5 976.8	7 991.6
Burkina Faso	59.3	14.0	35.0	74.3	63.2	38.4	62.0	10.1	51.6
Burundi	0.0	0.0	0.8	8.6	11.1	13.3	21.1	25.3	26.7
Cabo Verde	0.0	0.1	0.0	0.0	0.0		0.0	0.0	0.3
Cambodia	6.6	25.1	277.7	349.5	468.1	532.0	609.9	603.3	557.3
Cameroon	1.0	0.0	6.0	8.2	10.0	20.2	23.1	25.1	1.8
Canada	22 885.1	18 176.8	22 774.1	29 923.1	27 951.0	24 978.8	27 602.1	29 776.6	28 619.8
Central African Republic	0.0	0.0	0.0		0.6				
Chad	0.0	0.0	0.0		0.0	0.0			0.0
Chile	49.9	82.3	134.2	142.1	99.8	40.5	58.9	72.9	51.1
China	13 998.0	10 270.1	1 335.5	835.0	633.7	857.2	1 681.9	2 711.9	3 457.9
Colombia	0.4	11.3	3.6	24.0	4.8	6.3	14.8	7.5	20.4
Comoros	0.0	0.0	0.0	0.0			0.0	0.1	

TABLE 31.
CEREALS EXPORTS (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Congo	0.0	10.8	4.6	0.0	0.1	0.1	0.2	0.2	0.2
Costa Rica	26.7	39.4	26.8	39.1	45.0	39.5	38.4	28.1	27.6
Côte d'Ivoire	2.5	21.3	104.0	126.3	90.2	91.9	162.3	97.5	95.8
Croatia	358.5	71.6	505.2	534.9	844.7	948.9	941.6	1 113.3	1 313.3
Cuba	0.0	2.1	0.7		0.9	0.1		0.0	
Cyprus	0.1	9.2	9.1	13.8	14.6	15.5	16.3	14.7	7.8
Czechia	1 173.1	2 166.9	1 956.9	3 008.5	3 389.3	3 752.3	3 587.2	2 614.8	2 313.3
Democratic People's Republic of Korea	0.0	0.0	0.0	0.1	0.0	0.0	0.0	1.0	0.5
Democratic Republic of the Congo	0.1	0.1	113.4	5.9	4.5	1.0	4.8	0.8	5.3
Denmark	1 975.0	808.2	2 472.1	1 945.0	2 291.0	1 793.0	2 012.0	1 343.4	1 375.1
Djibouti	0.0	0.6	0.0	1.6	5.8	0.3	0.1	0.0	
Dominica	0.0	0.1	0.0	0.0	0.0	0.0	0.0		0.0
Dominican Republic	0.0	9.6	23.4	264.7	121.7	84.1	73.8	86.0	77.4
Ecuador	93.9	64.9	27.8	18.8	3.1	2.5	3.7	34.0	36.9
Egypt	395.3	1 154.2	704.1	248.8	457.8	400.6	386.0	414.7	1 006.4
El Salvador	28.7	14.8	22.5	60.1	78.7	69.8	82.2	77.7	80.4
Equatorial Guinea						0.0	0.0		0.3
Eritrea	0.0	0.5	0.0	0.0	0.0		0.0	0.0	
Estonia	22.9	118.9	242.5	563.2	837.3	690.4	934.6	528.0	1 092.7
Eswatini	4.1	13.5	0.7	1.0	0.7	0.6	0.5	0.5	0.6
Ethiopia	4.4	36.8	59.2	51.9	18.4	5.5	32.8	2.4	1.5
Fiji	11.0	23.6	32.7	43.4	42.7	36.0	31.1	37.1	40.5
Finland	276.5	381.8	723.4	962.1	895.3	771.4	654.0	441.3	585.7
France	32 746.4	30 252.1	34 774.3	32 662.6	35 736.4	30 604.1	26 002.5	31 009.0	31 631.6
Gabon	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gambia	0.2	0.1	0.1	1.3	0.4	0.8	0.0	0.5	1.5
Georgia	21.4	61.1	48.5	67.8	30.3	22.6	49.8	31.4	10.2
Germany	14 391.9	10 704.8	12 761.7	14 145.4	15 748.1	15 202.2	12 602.7	9 169.6	9 243.8
Ghana	2.4	0.5	8.8	56.3	67.3	91.7	107.6	132.9	136.1
Greece	281.7	739.2	683.8	624.5	365.5	850.1	432.4	508.5	455.3
Grenada	14.1	10.7	0.0	5.0	9.4	6.0	5.2	6.3	5.0
Guatemala	8.9	16.4	23.1	9.9	14.0	12.4	8.8	10.6	10.9
Guinea	0.1	3.1	10.1	0.8	2.2	0.4	0.1	0.1	0.2
Guinea-Bissau	0.0	0.0	0.0	0.0				0.0	
Guyana	207.2	232.3	170.3	426.3	207.9	254.4	175.2	148.9	294.6
Haiti	0.0			0.1	0.1	0.2	0.6	0.3	0.9
Honduras	1.7	8.4	4.5	39.9	38.1	47.1	43.3	39.2	35.2
Hungary	1 933.8	3 884.6	6 576.5	5 509.3	7 244.8	6 019.3	8 082.0	5 374.3	6 166.1
Iceland	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.2
India	2 822.1	5 433.0	4 888.5	19 796.1	13 226.3	10 988.7	13 192.7	13 244.2	10 738.4
Indonesia	31.6	251.6	125.9	149.5	345.0	135.6	126.7	349.0	80.7
Iran (Islamic Republic of)	7.2	16.0	652.6	58.0	194.9	37.8	571.2	318.9	258.6
Iraq	0.0	0.5	0.1				0.5	0.2	1.4

TABLE 31.
CEREALS EXPORTS (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Ireland	205.2	208.5	98.9	105.9	205.0	101.6	105.7	88.3	195.3
Israel	0.4	0.6	37.1	51.3	54.6	12.0	13.2	8.1	4.4
Italy	2 179.5	1 667.8	1 593.1	1 395.0	1 664.4	1 562.5	1 834.6	1 410.7	1 223.1
Jamaica	0.0	5.3	9.2	11.2	6.5	8.8	9.3	9.5	11.1
Japan	472.2	415.4	310.8	258.4	271.4	247.9	267.3	273.3	282.7
Jordan	3.9	0.8	15.0	37.1	101.0	10.4	79.4	484.3	72.6
Kazakhstan	6 091.3	3 332.1	8 491.6	7 578.4	6 909.1	8 660.1	8 533.7	11 324.5	9 403.1
Kenya	19.0	15.3	83.3	10.6	13.4	11.9	110.3	164.6	98.6
Kiribati					0.2	0.0			
Kuwait	30.8	2.6	44.5	89.0	98.1	111.0	110.5	111.0	108.9
Kyrgyzstan	27.8	1.1	5.1	0.2	0.1	0.3	1.3	0.9	1.3
Lao People's Democratic Republic	0.9	47.1	225.5	147.5	272.5	215.9	241.1	239.7	219.8
Latvia	6.8	497.3	1 333.8	1 725.9	2 357.2	2 611.9	2 485.8	2 177.5	3 066.0
Lebanon	2.1	3.0	41.7	44.2	62.3	31.5	12.7	15.2	43.0
Lesotho	1.4	0.0	0.1	57.0	33.9	49.5	27.7	35.4	53.9
Liberia	0.0	3.4	0.1		25.6	0.0	0.0	0.8	0.0
Libya	0.7	1.5	0.0	0.2	1.9	0.8	30.4	2.8	3.7
Lithuania	141.2	1 111.2	1 403.2	3 096.5	3 180.5	3 525.4	3 450.1	2 160.1	3 853.8
Luxembourg	60.8	82.6	110.6	122.0	145.3	158.0	145.7	190.4	191.1
Madagascar	3.3	0.2	1.6	2.9	4.6	2.9	0.8	0.1	0.2
Malawi	11.0	0.7	26.1	6.0	2.1	3.5	7.5	2.4	2.3
Malaysia	140.4	89.2	64.7	138.5	190.6	189.4	170.7	169.9	170.6
Maldives		0.0	0.0						0.0
Mali	12.8	18.7	1.5	3.0	2.8	8.8	6.0	18.1	28.9
Malta	0.0	0.0	0.0	2.5	0.2	15.6	11.1	0.6	0.5
Marshall Islands									
Mauritania					0.0				0.0
Mauritius	38.8	41.6	36.9	24.7	29.6	21.6	21.1	16.4	17.2
Mexico	566.8	517.9	1 127.7	1 856.0	1 811.1	3 327.5	2 375.8	1 968.9	1 449.7
Micronesia (Federated States of)									
Mongolia	0.0	0.0	0.0	5.6	3.3	0.5	0.2	1.4	3.2
Montenegro			4.7	12.8	11.4	9.3	3.8	0.4	0.5
Morocco	98.5	93.5	122.5	224.4	123.0	32.2	10.4	24.3	15.9
Mozambique	0.0	2.5	62.2	84.9	41.0	19.3	12.7	21.4	49.3
Myanmar	399.3	364.4	640.6	2 108.5	2 182.8	865.4	2 394.0	1 872.2	3 262.3
Namibia	2.3	9.4	0.3	0.8	0.9	0.4	0.1	0.0	0.2
Nauru									
Nepal	0.0	3.3	6.0	2.6	1.3	3.9	1.6	1.7	2.3
Netherlands	1 214.0	1 448.9	1 319.7	1 531.6	1 345.8	1 344.9	1 757.5	1 907.8	2 108.4
New Zealand	24.4	3.0	14.5	10.2	7.9	9.7	4.3	5.9	12.5
Nicaragua	0.7	34.0	28.3	38.9	30.8	23.3	19.8	23.4	23.5
Niger	0.1	1.1	40.9	38.6	38.7	247.5	466.6	301.7	336.1
Nigeria	29.3	14.7	0.3	12.2	22.3	8.1	7.6	10.7	2.9

TABLE 31.
CEREALS EXPORTS (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
North Macedonia	3.0	6.0	6.8	9.9	15.1	16.3	27.7	45.4	37.4
Norway	0.8	0.5	1.1	0.7	0.3	0.9	1.2	1.9	1.7
Oman	202.2	139.9	112.4	195.2	255.0	295.1	230.1	273.6	71.6
Pakistan	2 087.2	3 851.0	4 422.4	4 426.6	5 515.1	4 836.4	3 716.5	6 264.9	5 671.2
Palau									
Panama	0.5	0.0	0.0	0.4	0.1	0.4	3.8	1.5	1.8
Papua New Guinea	1.1	0.0	0.0	0.3	0.1	0.0	0.0	2.1	2.4
Paraguay	299.8	1 137.7	2 668.9	3 171.0	4 592.3	3 584.8	2 833.3	2 554.1	4 140.5
Peru	10.2	16.0	24.4	61.9	53.7	71.0	71.0	67.7	101.0
Philippines	4.3	11.1	22.1	29.3	33.7	47.1	60.5	32.7	67.4
Poland	17.6	1 381.4	2 033.8	5 620.3	6 279.0	6 583.0	5 113.7	4 329.6	4 406.8
Portugal	110.6	300.9	171.9	321.1	234.7	339.1	381.3	511.8	421.4
Qatar	2.4	1.1	4.0	11.5	19.7	23.0	11.7	0.4	0.2
Republic of Korea	53.5	15.7	21.6	28.2	31.7	35.4	54.4	123.7	113.6
Republic of Moldova	58.2	411.1	342.1	956.3	662.4	1 035.5	1 122.3	1 183.7	1 345.2
Romania	351.4	1 010.8	5 398.8	10 137.4	10 540.0	11 882.1	11 072.8	11 881.8	13 957.4
Russian Federation	1 262.6	12 507.9	14 000.6	30 258.9	31 065.1	34 181.6	43 512.8	55 166.4	39 832.8
Rwanda	0.0	0.2	2.1	61.0	65.1	89.2	123.5	146.2	137.3
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	3.7	0.7	1.6
Saint Vincent and the Grenadines	15.0	19.1	20.7	25.3	24.9	23.7	21.1	16.8	16.0
Samoa	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
San Marino									
Sao Tome and Principe			0.0	0.4	0.0				
Saudi Arabia	7.3	19.8	48.4	11.2	14.1	14.9	26.0	15.1	1.3
Senegal	0.5	15.5	72.8	119.7	130.1	154.0	101.7	139.3	151.0
Serbia		2 315.3	3 013.8	2 844.2	3 229.9	2 337.5	2 736.5	3 712.9	
Seychelles	0.0	0.0	0.0		0.0	0.0	0.0	0.0	
Sierra Leone	0.0	0.0	0.0	1.0	0.0	0.0		0.0	
Singapore	56.7	175.0	124.5	234.3	201.5	129.7	150.8	125.3	165.3
Slovakia	279.9	563.8	800.1	1 289.2	2 009.7	2 235.6	2 052.0	1 523.5	1 555.5
Slovenia	78.8	32.8	245.4	366.5	309.2	421.0	554.3	714.3	921.4
Solomon Islands	0.0	0.0	0.0				1.6		
Somalia	0.0		0.0	0.1	0.0	0.1	0.1	0.1	0.1
South Africa	815.8	2 209.4	1 376.3	2 787.1	1 291.7	1 359.7	2 476.1	2 477.5	1 503.6
South Sudan				0.0	0.0	0.0	0.0	0.0	0.7
Spain	1 329.8	1 051.6	1 312.6	1 320.0	1 260.0	1 149.3	1 238.2	1 448.0	1 515.6
Sri Lanka	2.0	101.8	397.8	135.1	109.6	95.4	88.5	66.7	70.3
Sudan				6.6	6.3	7.9	566.0	54.0	113.5
Suriname	40.7	32.8	77.5	88.0	29.2	72.2	60.3	69.0	70.8
Sweden	1 477.9	1 034.1	1 019.0	1 734.2	2 015.4	1 795.3	1 463.7	972.7	1 104.8
Switzerland	0.8	1.0	7.8	13.0	14.1	16.5	15.5	20.0	24.0
Syrian Arab Republic	1.7	464.9	31.1	0.9	28.9	0.1	0.5	0.2	52.8
Tajikistan		4.0	2.7	7.2	9.8	7.0	7.8	6.2	6.4

TABLE 31.
CEREALS EXPORTS (THOUSAND TONNES) (CONTINUED)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Thailand	6 207.3	7 648.9	9 465.4	11 795.0	9 936.9	10 519.3	12 242.3	11 350.4	6 911.7
Timor-Leste							0.0	0.1	
Togo	30.7	35.5	29.5	3.8	1.8	0.6	8.7	17.3	12.6
Tonga			0.0	0.0		0.0	0.0	0.0	
Trinidad and Tobago	8.9	33.8	16.6	7.0	8.4	5.5	7.8	5.2	5.8
Tunisia	231.5	113.5	12.3	41.9	52.5	48.7	58.1	62.3	41.3
Turkey	2 503.0	3 523.1	4 374.9	3 275.0	4 110.4	5 098.6	5 155.8	4 918.1	5 724.3
Turkmenistan				24.8	12.8	56.6	26.0	30.0	0.4
Tuvalu									
Uganda	7.6	75.7	210.6	294.8	481.8	427.4	630.2	716.4	501.2
Ukraine	1 285.7	12 518.9	12 075.5	32 933.4	37 855.3	40 755.3	42 445.6	42 106.1	40 653.0
United Arab Emirates	501.5	631.8	1 482.7	473.9	643.8	672.2	480.1	559.4	572.0
United Kingdom of Great Britain and Northern Ireland	5 429.2	3 587.8	4 766.8	2 822.4	4 178.1	5 239.5	2 281.1	1 795.4	3 333.7
United Republic of Tanzania	104.3	128.1	224.5	403.0	205.4	99.2	76.4	285.3	382.2
United States of America	87 358.2	82 149.2	86 956.0	86 380.5	79 924.0	90 985.9	90 080.0	99 990.5	75 258.7
Uruguay	780.2	845.4	2 445.8	2 182.4	1 406.3	1 593.1	1 361.2	887.7	1 298.6
Uzbekistan	6.5	67.1	136.9	478.6	477.8	477.9	563.4	535.6	695.6
Vanuatu	0.0	0.0	0.0	0.0					
Venezuela (Bolivarian Republic of)	75.8	13.7	4.4	0.0	0.0		0.0		0.0
Viet Nam	3 486.1	5 252.7	6 920.9	6 564.3	6 822.5	5 073.5	6 102.3	5 239.7	5 705.0
Yemen	4.3	107.0	21.3	90.3	88.2	8.2	16.5	110.1	148.2
Zambia	20.0	69.2	124.7	196.5	754.8	532.4	334.6	63.3	43.8
Zimbabwe	170.0	1.3	0.3	1.3	2.5	2.1	19.6	5.9	9.0

Complete series are available at <http://www.fao.org/faostat/en/#data/TCL>

TABLE 32.
CEREALS IMPORTS AND EXPORTS BY MAIN COMMODITIES, 2019 (THOUSAND TONNES)

COUNTRY	IMPORTS				EXPORTS			
	MAIZE	WHEAT	RICE	OTHER	MAIZE	WHEAT	RICE	OTHER
World	181 781.3	179 120.0	46 378.3	59 989.4	183 751.5	179 523.3	43 638.2	61 176.4
Africa	19 198.6	44 067.5	16 234.8	5 557.0	1 882.5	157.1	790.3	2 015.5
Americas	41 235.1	23 979.2	6 634.7	6 293.8	125 365.3	62 402.4	7 238.7	11 792.3
Asia	78 240.2	74 094.1	18 370.9	30 187.8	2 629.8	6 218.9	33 126.7	12 735.5
Europe	42 852.7	35 610.5	4 548.7	17 719.2	53 807.0	101 150.5	2 345.8	31 573.9
Oceania	254.8	1 368.7	589.3	231.6	66.8	9 594.3	136.8	3 059.2
Afghanistan	13.9	395.0	214.0	2 474.8	0.0		0.5	12.5
Albania	93.7	236.3	19.6	36.2	0.0		0.0	0.0
Algeria	4 356.2	6 775.9	125.6	130.2	0.0	0.0	0.3	0.2
Andorra								
Angola	73.7	451.6	397.6	375.8	0.2		0.0	0.0
Antigua and Barbuda	0.1	0.0	1.7	5.3	0.0		0.0	0.0
Argentina	5.1	0.0	7.0	12.9	36 075.7	10 542.6	417.8	3 702.4
Armenia	65.2	248.2	11.4	56.0		0.0	0.0	0.1
Australia	4.8	488.7	212.2	48.9	63.3	9 591.8	136.0	3 010.5
Austria	1 094.0	896.4	43.6	380.8	403.2	670.5	3.8	224.4
Azerbaijan	71.1	1 585.0	48.7	19.5	0.0	1.5	0.0	17.2
Bahamas	1.6	0.0	8.4	6.4		0.0	0.0	0.0
Bahrain	14.9	132.5	76.8	17.7	0.0	0.0	0.6	0.1
Bangladesh	1 290.9	4 595.1	100.9	-13.2	0.0	0.0	8.6	0.3
Barbados	35.3	19.9	4.7	7.9	0.0		0.0	4.8
Belarus	311.6	332.5	26.7	323.6	0.0	0.2	0.1	18.0
Belgium	1 999.7	3 876.1	453.3	2 539.1	185.7	602.7	211.4	871.2
Belize	1.0	13.6	0.7	3.6	7.1		0.9	-0.2
Benin	2.7	29.7	1 529.0	149.3	0.0		1.9	3.7
Bhutan	10.1	4.9	36.6	9.7		0.0	0.0	0.0
Bolivia (Plurinational State of)	6.3	62.5	17.7	434.2	6.3		0.0	56.6
Bosnia and Herzegovina	180.8	324.6	7.3	99.2	0.5	22.8	0.0	31.3
Botswana	244.9	102.3	35.0	3.2	0.6		0.5	4.2
Brazil	1 460.0	6 576.3	751.4	1 189.9	42 752.1	563.6	1 062.9	-33.7
Brunei Darussalam	3.1	0.0	39.8	15.8	0.1		0.1	1.1
Bulgaria	26.5	56.3	64.7	26.8	2 589.0	4 883.5	84.1	435.0
Burkina Faso	1.0	132.7	510.9	87.7	39.7		1.0	10.9
Burundi	23.7	118.5	17.0	3.7		0.0	0.0	26.7
Cabo Verde	28.4	18.6	36.8	6.6		0.0	0.0	0.3
Cambodia	17.8	20.7	23.3	16.9	1.9		555.5	0.0
Cameroon	14.9	784.7	843.3	52.0	0.0		1.1	0.7
Canada	2 318.5	209.2	550.3	228.4	1 217.0	22 805.3	13.5	4 584.0
Central African Republic	0.2	0.0	12.6	16.1		0.0	0.0	
Chad	10.0	30.0	7.2	35.1		0.0	0.0	
Chile	2 410.9	1 156.3	155.3	116.3	22.6	0.0	3.2	25.3
China	9 615.3	4 559.2	2 964.9	7 809.3	26.1	8.5	2 853.9	569.4
Colombia	5 992.6	1 910.5	231.2	285.9	1.2	0.0	0.0	19.2

TABLE 32.
CEREALS IMPORTS AND EXPORTS BY MAIN COMMODITIES, 2019 (THOUSAND TONNES) (CONTINUED)

COUNTRY	IMPORTS				EXPORTS			
	MAIZE	WHEAT	RICE	OTHER	MAIZE	WHEAT	RICE	OTHER
Comoros	0.0		74.9	21.1			0.0	
Congo	2.4	203.8	82.6	4.6			0.2	0.0
Costa Rica	941.2	273.5	202.3	-37.3	0.1		13.1	14.4
Côte d'Ivoire	14.3	650.7	1 342.1	84.0	14.1	3.0	18.8	60.0
Croatia	42.1	122.7	11.8	77.0	882.7	362.3	0.6	67.8
Cuba	874.2	769.8	614.3	64.4			0.0	
Cyprus	313.3	61.8	8.5	139.2	0.0	0.0	0.1	7.7
Czechia	247.1	43.3	96.1	242.8	181.4	1 745.1	22.7	364.2
Democratic People's Republic of Korea	300.0	230.0	161.7	325.9			0.5	
Democratic Republic of the Congo	30.4	230.5	210.5	120.1	3.7	0.0	0.0	1.6
Denmark	436.2	221.3	40.5	306.7	82.2	687.1	7.8	598.1
Djibouti	41.8	151.4	316.9	164.2			0.0	
Dominica	0.1	0.0	0.6	3.2			0.0	0.0
Dominican Republic	1 502.5	601.1	24.7	28.6			0.0	77.4
Ecuador	42.9	1 183.0	0.2	76.0	5.2		29.0	2.6
Egypt	8 078.4	10 424.4	493.0	41.9	6.5	0.0	48.0	952.0
El Salvador	794.6	329.4	89.7	13.3	1.4	1.4	3.0	74.6
Equatorial Guinea	0.0	0.0	18.2	35.0			0.3	0.0
Eritrea	0.0	41.6	0.6	307.3			0.0	
Estonia	25.3	13.3	3.9	40.1	0.1	581.6	0.4	510.7
Eswatini	150.0	48.8	37.8	3.9	0.6		0.0	0.0
Ethiopia	25.7	1 306.0	700.6	266.0			0.1	1.5
Fiji	0.1	177.8	37.7	0.6	0.0	0.0	0.5	40.0
Finland	26.1	14.5	29.1	34.8		64.3	0.1	521.3
France	705.0	301.7	595.0	626.7	3 672.3	19 957.0	54.9	7 947.4
Gabon	0.4	101.0	59.4	0.6	0.0		0.0	
Gambia	1.3		147.8	27.6			0.0	1.5
Georgia	88.2	513.7	12.2	34.1	0.8	3.3	0.3	5.8
Germany	4 562.5	3 191.0	127.6	3 011.1	336.6	5 550.6	6.7	3 349.9
Ghana	8.8	605.7	1 087.5	88.3	0.3	0.0	0.0	135.8
Greece	805.7	1 038.7	30.7	169.4	7.2	287.0	117.2	43.9
Grenada	5.7	10.7	1.2	1.3			0.0	5.0
Guatemala	1 323.4	630.9	126.7	77.4	1.5	0.2	0.4	8.9
Guinea	1.7	395.7	532.2	0.3	0.0	0.0	0.0	0.2
Guinea-Bissau	0.0		118.4	41.5			0.0	
Guyana	33.0	5.5	0.1	9.0	0.0	0.4	294.9	-0.8
Haiti	47.6	211.0	474.4	67.5	0.0		0.2	0.7
Honduras	691.4	270.3	163.5	-21.6	0.6		5.7	28.9
Hungary	179.4	102.9	45.9	94.3	3 025.7	2 320.1	4.9	815.3
Iceland	22.3	38.2	1.5	19.0	0.0		0.0	0.2
India	312.4	1.7	5.8	289.1	379.5	190.1	9 819.1	349.8
Indonesia	1 028.5	10 962.2	471.5	202.1	3.4	0.0	1.2	76.1
Iran (Islamic Republic of)	7 388.7	139.1	1 421.8	3 299.1	0.4		2.2	256.0

TABLE 32.
CEREALS IMPORTS AND EXPORTS BY MAIN COMMODITIES, 2019 (THOUSAND TONNES) (CONTINUED)

COUNTRY	IMPORTS				EXPORTS			
	MAIZE	WHEAT	RICE	OTHER	MAIZE	WHEAT	RICE	OTHER
Iraq	822.8	570.6	1 290.1	1 972.7	0.1	0.8	0.1	0.4
Ireland	1 539.2	292.9	32.0	457.6	69.7	26.2	0.6	98.8
Israel	1 692.8	1 221.7	179.3	311.4	1.2	1.8	0.4	0.9
Italy	6 394.2	7 474.4	221.5	669.7	34.2	65.7	675.9	447.3
Jamaica	283.1	208.1	84.2	5.5	0.2		0.0	10.9
Japan	15 986.0	5 331.4	26.9	2 384.1	0.0		6.2	276.5
Jordan	770.6	851.2	206.6	877.2	6.8	0.4	1.9	63.6
Kazakhstan	7.5	337.1	22.1	58.5	86.8	5 375.9	90.4	3 849.9
Kenya	227.5	1 998.8	608.1	148.4	4.2	5.2	0.9	88.3
Kiribati	0.0	0.0	10.1	6.0			0.0	
Kuwait	223.8	587.8	258.9	344.0		0.0	0.0	108.9
Kyrgyzstan	1.7	202.8	11.9	111.1	0.4	0.0	0.6	0.3
Lao People's Democratic Republic	2.2	0.1	93.7	2.8	181.3	0.8	35.8	1.9
Latvia	98.1	472.3	7.9	190.8	46.5	2 452.8	2.1	564.5
Lebanon	633.9	756.8	92.4	142.7	0.1	11.1	10.6	21.2
Lesotho	62.1	20.8	13.3	44.5	0.2	0.0	0.0	53.7
Liberia	1.0	36.1	285.7	7.9			0.0	
Libya	132.1	596.4	199.2	633.0			3.7	
Lithuania	375.9	171.3	19.3	118.5	242.0	3 114.6	6.2	491.0
Luxembourg	16.4	131.4	3.4	21.4	11.0	34.4	0.1	145.7
Madagascar	1.2	59.4	407.1	336.4	0.2		0.0	0.0
Malawi	2.9	117.8	6.2	2.7	2.0		0.1	0.2
Malaysia	3 755.4	1 385.9	969.4	461.2	6.6	0.4	24.9	138.7
Maldives	0.1	0.0	31.2	29.6			0.0	
Mali	1.1	298.9	131.7	46.0	10.8		0.0	18.1
Malta	45.6	20.4	3.9	28.3			0.0	0.4
Marshall Islands								
Mauritania	19.1	668.4	72.8	10.7			0.0	0.0
Mauritius	119.0	150.7	54.7	1.7	0.1		0.0	17.1
Mexico	15 472.7	4 804.4	996.9	1 031.8	644.9	736.3	8.5	60.1
Micronesia (Federated States of)								
Mongolia	5.1	14.4	43.7	18.8			0.0	3.2
Montenegro	30.9	9.5	1.5	81.0	0.0	0.0	0.0	0.4
Morocco	2 731.2	3 844.8	38.8	391.4	0.0	0.1	0.6	15.3
Mozambique	171.4	678.4	946.1	0.8	0.3	10.5	4.2	34.3
Myanmar	12.1	436.7	2.8	100.5	930.8	0.5	2 322.0	8.9
Namibia	95.6	129.0	21.4	2.9	0.1	0.0	0.1	0.0
Nauru	0.0		0.2	0.3			0.0	
Nepal	334.4	158.7	677.2	-63.2	0.0	0.0	0.0	2.2
Netherlands	6 383.3	5 266.2	395.3	3 543.6	1 050.8	334.6	251.7	471.4
New Zealand	245.7	430.4	53.7	35.1	3.6	0.1	0.1	8.8
Nicaragua	279.1	126.5	128.7	-26.8	4.4	0.0	5.0	14.1
Niger	41.0	16.5	253.9	66.2			336.1	0.0

TABLE 32.
CEREALS IMPORTS AND EXPORTS BY MAIN COMMODITIES, 2019 (THOUSAND TONNES) (CONTINUED)

COUNTRY	IMPORTS				EXPORTS			
	MAIZE	WHEAT	RICE	OTHER	MAIZE	WHEAT	RICE	OTHER
Nigeria	200.0	4 660.3	850.1	8.9	1.4	0.0	0.2	1.2
North Macedonia	41.2	104.4	0.6	80.1	24.4	4.0	5.1	3.8
Norway	61.5	407.1	26.6	138.6	0.2	0.2	0.3	1.0
Oman	319.7	691.1	257.5	227.8			0.0	71.6
Pakistan	20.2		10.5	25.0	134.7	273.7	4 589.5	673.4
Palau								
Panama	514.4	152.8	69.7	-5.1	1.5	0.0	0.3	0.0
Papua New Guinea	0.2	233.7	188.2	82.0		2.4	0.0	
Paraguay	15.4	0.3	1.2	0.7	2 993.3	393.5	738.2	15.6
Peru	4 009.8	2 011.1	292.8	158.9	11.4	0.1	37.4	52.1
Philippines	458.4	7 153.7	3 039.7	117.5	0.4		0.4	66.6
Poland	388.6	554.0	185.1	459.8	1 145.7	2 079.8	36.2	1 145.1
Portugal	2 122.8	1 360.9	183.8	517.1	151.8	26.3	87.4	156.0
Qatar	68.1	190.5	201.9	418.8			0.0	0.2
Republic of Korea	11 366.9	3 746.0	328.1	135.5	0.1	0.2	52.7	60.6
Republic of Moldova	3.8	1.1	9.7	47.1	737.0	543.0	0.0	65.2
Romania	618.4	854.0	69.1	361.5	6 676.2	6 103.1	26.0	1 152.1
Russian Federation	33.2	191.6	237.7	156.0	3 119.7	31 873.2	173.2	4 666.8
Rwanda	77.1	176.6	112.3	43.2	0.1	0.0	57.9	79.3
Saint Kitts and Nevis	0.0		1.0	2.1			0.0	
Saint Lucia	0.1	0.0	3.1	9.5	0.0		0.0	1.6
Saint Vincent and the Grenadines	11.0	24.6	2.8	0.4		0.0	0.7	15.4
Samoa	0.0		11.8	15.6	0.0		0.1	0.0
San Marino								
Sao Tome and Principe	0.0		9.6	11.2			0.0	
Saudi Arabia	3 260.9	3 099.2	1 403.9	4 133.1	0.0		0.0	1.3
Senegal	358.1	706.6	892.5	32.3	0.5	4.5	130.3	15.7
Serbia	4.2	1.1	9.4	16.5	3 132.8	324.4	0.5	255.1
Seychelles	4.9	1.0	5.7	5.9			0.0	
Sierra Leone	0.3	7.0	328.9	79.5			0.0	
Singapore	19.6	201.8	322.5	148.4	1.2	2.1	75.6	86.4
Slovakia	111.3	40.8	31.0	296.1	444.5	873.1	1.8	236.0
Slovenia	703.0	221.9	22.0	75.0	763.4	105.6	15.5	36.9
Solomon Islands	0.2	17.5	50.1	0.5			0.0	
Somalia	24.5	6.9	455.8	478.4	0.0		0.0	0.0
South Africa	590.5	1 826.5	967.7	183.1	1 180.8	133.4	111.4	78.1
South Sudan	27.0	0.0	24.9	67.6			0.0	0.7
Spain	10 012.6	5 292.7	202.7	2 168.7	152.5	513.2	290.4	559.5
Sri Lanka	110.9	972.0	399.0	30.7	0.0	0.3	4.6	65.4
Sudan	21.8	2 113.9	103.3	123.4	13.3		0.5	99.6
Suriname	7.1	16.5	0.2	15.5			72.8	-2.0
Sweden	126.5	283.7	71.5	194.6	0.6	627.1	1.3	475.8
Switzerland	139.7	391.2	120.5	128.5	2.0	0.4	4.2	17.3

TABLE 32.
CEREALS IMPORTS AND EXPORTS BY MAIN COMMODITIES, 2019 (THOUSAND TONNES) (CONTINUED)

COUNTRY	IMPORTS				EXPORTS			
	MAIZE	WHEAT	RICE	OTHER	MAIZE	WHEAT	RICE	OTHER
Syrian Arab Republic	300.7	327.6	133.2	607.3	0.0		0.0	52.8
Tajikistan	1.0	1 060.5	39.3	131.1			6.1	0.3
Thailand	400.7	2 698.1	24.2	594.6	24.2	0.0	6 857.6	29.9
Timor-Leste	0.0		34.8	24.7			0.0	
Togo	1.0	80.8	213.5	53.4	0.1	0.1	0.3	12.1
Tonga	0.0	0.0	0.4	8.4			0.0	
Trinidad and Tobago	83.1	109.2	16.7	6.6	0.6		0.2	5.0
Tunisia	1 025.9	1 849.0	22.9	552.0			0.0	41.3
Turkey	4 347.5	10 004.8	520.7	577.3	691.6	135.2	202.1	4 695.4
Turkmenistan	2.5	243.7	4.9	52.2	0.0		0.0	0.3
Tuvalu		0.0	0.3	0.3			0.0	
Uganda	0.8	430.2	170.6	72.4	286.5	0.0	45.5	169.2
Ukraine	62.7	35.9	81.5	46.1	24 463.9	13 290.5	4.5	2 894.1
United Arab Emirates	452.1	1 263.0	677.6	491.6	43.5	78.6	92.6	357.3
United Kingdom of Great Britain and Northern Ireland	2 781.6	1 210.2	658.4	250.2	171.2	1 023.6	51.6	2 087.2
United Republic of Tanzania	74.2	833.1	190.7	56.0	279.2	0.1	19.5	83.5
United States of America	1 050.3	1 836.1	962.4	2 449.8	41 562.3	27 068.6	3 628.6	2 999.2
Uruguay	242.8	0.6	2.9	45.2	55.9	290.4	902.2	50.1
Uzbekistan	97.4	2 186.0	58.8	706.2		104.3	0.0	591.3
Vanuatu	0.1	0.0	9.9	11.3			0.0	
Venezuela (Bolivarian Republic of)	777.8	454.7	639.8	19.2			0.0	0.0
Viet Nam	11 447.7	2 760.1	27.7	261.6	97.4	29.2	5 463.7	114.7
Yemen	698.8	1 997.8	666.7	431.3	10.5		0.0	137.7
Zambia	2.4	31.2	31.3	1.4	36.0		6.8	0.9
Zimbabwe	73.6	124.6	78.2	29.6	1.2	0.3	0.0	7.6

Complete series are available at <http://www.fao.org/faostat/en/#data/TCL>

TABLE 33.
FOREST PRODUCTS EXPORTS, 2019 (USD MILLION)

COUNTRY	PAPER AND PAPERBOARD	SAWNWOOD	PULP FOR PAPER	WOOD-BASED PANELS	ROUNDWOOD	RECOVERED PAPER	OTHER	TOTAL
World	97 730.6	37 023.5	36 404.4	32 348.5	15 487.2	7 016.0	18 909.8	244 920.1
Africa	688.2	1 624.8	99.9	226.0	1 791.0	38.9	1 136.3	5 605.1
Americas	17 510.9	11 251.2	21 765.5	4 845.2	2 934.0	2 979.4	4 805.8	66 091.9
Asia	20 108.3	2 984.2	3 997.6	11 082.6	647.4	964.2	4 983.5	44 767.9
Europe	58 423.9	20 476.1	10 061.0	15 924.1	6 026.8	2 876.9	6 807.8	120 596.7
Oceania	999.1	687.3	480.4	270.7	4 088.1	156.6	1 176.2	7 858.6
Afghanistan	3.5	0.0	0.0	0.0	0.1	0.0	0.0	3.6
Albania	0.5	0.0	0.0	0.0	1.2	0.2	1.7	3.6
Algeria	3.5	0.2	0.0	0.2	0.0	9.5	0.0	13.5
Andorra	1.1	0.0		0.0	0.1	0.1	0.0	1.4
Angola	0.1	19.8	0.6	0.0	23.5	0.1	0.1	44.3
Antigua and Barbuda	0.2	0.0		0.0	0.0	0.0	0.0	0.2
Argentina	146.9	67.8	75.5	39.6	39.4	0.0	19.6	388.7
Armenia	0.1	0.3	0.0	0.0	0.0	0.2	0.0	0.5
Australia	708.7	64.6	0.4	28.1	589.3	128.2	1 060.4	2 579.6
Austria	3 092.0	1 478.0	221.5	1 301.6	86.3	45.6	400.7	6 625.8
Azerbaijan	0.6	0.6	0.0	0.5	0.0	0.0	0.0	1.7
Bahamas	0.6	0.0	0.1	0.0	0.0	0.0	0.0	0.8
Bahrain	0.4	0.0	0.3	0.3	0.0	9.4	0.3	10.7
Bangladesh	9.0	0.0	0.0	1.0	0.0	0.0	0.1	10.1
Barbados	0.4	0.1	0.0	0.2	0.0	0.1	0.0	0.8
Belarus	85.1	480.1	54.4	529.2	20.0	3.3	167.3	1 339.4
Belgium	2 829.8	640.1	346.6	1 130.7	241.9	162.0	227.5	5 578.7
Belize	0.4	1.9	0.2	0.5	0.1	0.0	0.2	3.3
Benin	0.4	24.5	0.0	0.0	8.3	0.0	3.0	36.3
Bhutan	0.9	0.0	0.1	2.5	0.0	0.0	0.0	3.4
Bolivia (Plurinational State of)	0.7	20.0	0.0	2.7	4.2	0.0	4.1	31.7
Bosnia and Herzegovina	75.0	189.7	0.0	15.0	58.7	6.9	39.9	385.2
Botswana	0.6	0.0	0.0	0.0	0.0	0.9	0.0	1.6
Brazil	1 763.9	689.1	7 262.1	1 139.7	90.0	4.1	566.5	11 515.4
Brunei Darussalam	0.5	0.1	0.0	0.2	0.0	0.6	0.0	1.4
Bulgaria	143.4	32.4	64.2	128.0	24.2	15.9	58.0	466.1
Burkina Faso	0.2	0.0	0.1	0.0	0.0	0.0	0.9	1.1
Burundi	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.3
Cabo Verde	0.1	0.0		0.1	0.0	0.0	0.0	0.2
Cambodia	0.1	34.1	0.0	150.8	18.4	0.6	6.7	210.8
Cameroon	0.1	606.8		3.7	280.6	0.0	58.0	949.2
Canada	5 212.0	6 321.3	5 417.5	2 134.7	615.7	196.2	1 106.9	21 004.2
Central African Republic	0.1	12.4	0.0	0.0	41.4	0.0	0.0	54.0
Chad	0.1	0.0	0.0	0.7	0.0		0.0	0.9
Chile	453.8	817.3	2 793.0	547.9	37.3	8.1	414.8	5 072.2
China	6 659.9	185.6	137.3	5 161.1	26.5	101.6	700.0	12 972.0
Colombia	120.5	12.1	0.3	1.5	35.9	0.2	5.6	176.1

TABLE 33.
FOREST PRODUCTS EXPORTS, 2019 (USD MILLION) (CONTINUED)

COUNTRY	PAPER AND PAPERBOARD	SAWNWOOD	PULP FOR PAPER	WOOD-BASED PANELS	ROUNDWOOD	RECOVERED PAPER	OTHER	TOTAL
Comoros	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Congo	0.0	161.6	0.0	0.2	300.9	0.0	14.3	477.0
Costa Rica	20.2	9.2	0.0	0.3	55.0	11.2	0.3	96.2
Côte d'Ivoire	3.5	56.6	0.0	22.3	1.1	0.5	37.8	121.9
Croatia	100.6	419.7	14.2	37.0	91.3	25.7	140.8	829.2
Cuba	0.3	0.0		0.0	0.0	0.0	43.0	43.5
Cyprus	0.1	0.0	0.0	0.1	0.0	3.5	0.0	3.7
Czechia	1 028.3	445.8	43.3	481.0	737.7	87.5	380.3	3 203.8
Democratic People's Republic of Korea	0.6	0.0	0.3	0.0	0.0	0.1	0.7	1.7
Democratic Republic of the Congo	0.1	33.6	0.0	0.0	34.9	0.0	2.8	71.4
Denmark	222.4	56.3	7.2	53.2	66.9	55.8	203.0	664.9
Djibouti	2.1	0.0	0.0	0.0	0.0	0.0	1.6	3.8
Dominica	0.3	0.0	0.0	0.2	0.0	0.1	0.0	0.6
Dominican Republic	10.2	0.1	0.0	0.4	0.1	11.3	0.3	22.6
Ecuador	15.3	82.9	0.0	181.1	89.1	1.0	16.8	386.2
Egypt	156.4	0.2	0.6	4.0	0.2	0.1	6.5	168.1
El Salvador	26.5	0.0	0.4	0.0	2.5	5.4	1.5	36.3
Equatorial Guinea	0.2	10.2		0.0	190.7		12.2	213.3
Eritrea	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.2
Estonia	60.9	335.2	106.2	172.7	195.9	9.4	285.3	1 165.6
Eswatini	0.2	56.5	0.6	4.7	34.9	2.2	3.6	102.7
Ethiopia	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.7
Fiji	0.7	7.0	0.0	0.6	0.3	0.2	26.7	35.5
Finland	7 727.1	1 937.1	2 546.9	590.6	102.2	13.1	180.7	13 097.6
France	3 421.6	420.5	275.9	879.9	362.2	280.0	334.5	5 974.7
Gabon	2.1	384.2	0.0	28.4	16.9	0.0	204.0	635.6
Gambia	0.1	16.9	0.1	0.0	52.2	0.0	2.8	72.1
Georgia	4.5	18.9	0.0	7.5	0.4	1.4	0.2	32.8
Germany	13 172.9	2 331.7	813.9	2 773.3	778.1	294.1	549.1	20 713.1
Ghana	49.0	81.7	0.0	7.6	167.9	0.0	21.2	327.4
Greece	76.3	4.7	1.7	54.8	1.4	44.2	7.5	190.5
Grenada	0.0	0.0		0.0	0.0		0.0	0.0
Guatemala	23.3	14.1	0.1	24.5	11.3	14.4	2.4	90.0
Guinea	0.1	0.7		0.5	0.0	0.0	1.0	2.4
Guinea-Bissau	0.2	0.2	0.1	0.1	8.2	0.0	0.1	8.9
Guyana	0.5	18.6	0.5	1.3	25.1	0.0	0.3	46.1
Haiti	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Honduras	64.2	19.9	0.0	5.2	6.9	8.7	2.9	107.9
Hungary	525.3	89.6	7.5	240.6	75.5	37.1	34.1	1 009.7
Iceland	0.0	0.0	0.0	0.0	0.0	3.7	0.0	3.7
India	1 022.9	33.6	4.1	69.8	56.0	0.3	49.6	1 236.4
Indonesia	3 880.4	233.8	2 764.8	1 842.6	20.3	2.9	817.5	9 562.2
Iran (Islamic Republic of)	3.0	0.4	2.8	17.0	0.0	0.0	0.1	23.3

TABLE 33.
FOREST PRODUCTS EXPORTS, 2019 (USD MILLION) (CONTINUED)

COUNTRY	PAPER AND PAPERBOARD	SAWNWOOD	PULP FOR PAPER	WOOD-BASED PANELS	ROUNDWOOD	RECOVERED PAPER	OTHER	TOTAL
Iraq	0.1	0.0	0.0	0.0	0.0	13.9	0.0	14.1
Ireland	35.5	172.3	1.1	286.8	12.6	70.3	24.1	602.7
Israel	91.7	0.0	0.0	0.9	0.0	10.2	0.0	102.9
Italy	3 305.4	293.5	76.0	606.1	66.4	205.4	205.5	4 758.3
Jamaica	0.6	0.0	0.0	0.0	0.0	0.8	0.0	1.4
Japan	1 842.7	54.7	117.6	68.1	135.1	452.4	107.7	2 778.3
Jordan	37.8	0.6	0.8	3.7	0.6	4.8	0.5	48.9
Kazakhstan	5.6	29.9	1.5	8.1	9.0	0.6	0.0	54.9
Kenya	14.4	2.0	0.0	2.8	3.3	0.1	0.2	22.9
Kiribati		0.0		0.0	0.0		0.0	0.0
Kuwait	16.2	0.0	0.6	0.3	0.0	19.3	0.4	36.8
Kyrgyzstan	1.2	2.5	0.0	0.4	0.9	0.0	0.0	5.1
Lao People's Democratic Republic	0.1	115.4	122.6	4.7	103.2	0.9	128.3	475.2
Latvia	40.2	773.0	19.5	482.9	315.2	10.1	476.8	2 117.6
Lebanon	11.1	0.1	0.1	0.6	0.0	0.0	0.4	12.4
Lesotho	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.4
Liberia	0.4	1.8	0.0	0.0	21.0	0.0	0.0	23.2
Libya	0.4	0.0	0.0	0.0	0.0	4.9	0.0	5.3
Lithuania	97.1	258.6	6.6	41.2	175.1	10.3	160.3	749.2
Luxembourg	19.2	11.2	0.0	113.7	23.5	6.5	9.3	183.4
Madagascar	2.9	5.7	0.0	0.2	0.2	0.2	0.7	9.8
Malawi	0.3	0.7	0.0	4.0	0.2	0.0	0.0	5.3
Malaysia	296.6	814.3	7.1	1 167.0	198.5	1.4	425.4	2 910.3
Maldives	0.0	0.0		0.0	0.0	0.0	0.0	0.0
Mali	0.2	2.5	0.0	0.0	58.2	0.0	1.1	62.0
Malta	3.2	0.0	0.0	0.0	0.0	1.9	0.0	5.1
Marshall Islands	0.0	0.0		0.0	0.0		0.0	0.0
Mauritania	0.2	0.0		0.0	0.0	0.0	0.0	0.3
Mauritius	1.3	0.2	0.0	0.0	1.8	1.4	0.0	4.7
Mexico	345.2	7.6	1.8	32.0	13.6	4.5	25.6	430.2
Micronesia (Federated States of)		0.0		0.0	0.0		0.0	0.0
Mongolia	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2
Montenegro	0.3	27.7	0.0	0.2	0.1	1.3	8.4	38.1
Morocco	15.2	1.8	0.1	28.4	0.2	1.8	0.2	47.7
Mozambique	2.6	43.6	0.1	0.0	238.7	0.4	0.1	285.4
Myanmar	4.7	132.1	3.2	2.4	30.7	3.4	106.9	283.4
Namibia	2.1	0.4	0.1	0.1	4.1	1.6	37.6	46.0
Nauru	0.0	0.0		0.0	0.0		0.0	0.0
Nepal	1.0	0.0	0.6	0.3	0.0	1.5	0.0	3.4
Netherlands	2 194.9	233.3	520.1	186.9	66.1	358.0	170.7	3 730.1
New Zealand	288.7	573.7	479.5	236.5	2 281.3	27.4	80.8	3 968.1
Nicaragua	0.5	4.9	0.0	0.1	8.2	3.9	0.4	18.1
Niger	0.2	0.6	0.0	0.1	1.1	0.0	0.2	2.2

TABLE 33.
FOREST PRODUCTS EXPORTS, 2019 (USD MILLION) (CONTINUED)

COUNTRY	PAPER AND PAPERBOARD	SAWNWOOD	PULP FOR PAPER	WOOD-BASED PANELS	ROUNDWOOD	RECOVERED PAPER	OTHER	TOTAL
Nigeria	4.0	18.5	0.0	4.8	43.7	0.0	56.2	127.3
North Macedonia	10.0	1.5	0.2	0.4	0.2	3.7	0.5	16.5
Norway	614.1	152.1	92.3	115.2	245.5	43.3	224.5	1 486.9
Oman	1.2	0.1	0.5	2.3	0.1	1.3	0.1	5.6
Pakistan	38.1	0.0	0.0	35.3	0.1	0.3	0.3	74.2
Palau	0.0	0.0		0.0	0.0	0.0	0.0	0.1
Panama	7.7	1.3	0.0	1.2	56.7	3.2	0.4	70.5
Papua New Guinea	0.1	32.8	0.1	5.3	753.1	0.1	1.0	792.5
Paraguay	39.2	3.6	0.1	11.3	3.9	0.3	34.6	93.0
Peru	56.8	58.1	0.6	3.2	2.3	3.2	1.2	125.5
Philippines	59.7	48.4	125.6	30.9	0.9	10.6	56.8	332.9
Poland	2 159.5	318.3	118.2	1 050.5	352.9	133.2	286.1	4 418.8
Portugal	1 678.6	71.1	608.8	233.0	49.2	42.3	236.7	2 919.8
Qatar	0.4	0.0	0.0	0.2	0.0	1.6	0.1	2.4
Republic of Korea	2 264.7	23.1	25.2	21.8	0.3	61.3	3.9	2 400.3
Republic of Moldova	1.8	0.1	0.0	1.3	0.0	2.6	0.1	5.9
Romania	203.9	492.9	8.4	681.7	23.1	20.3	167.6	1 598.0
Russian Federation	1 990.1	4 518.3	1 072.2	1 845.7	1 124.3	50.3	602.3	11 203.1
Rwanda	2.0	0.0	0.0	0.1	0.0	0.1	0.3	2.4
Saint Kitts and Nevis		0.0		0.0	0.0		0.0	0.0
Saint Lucia	0.6	0.0		0.0	0.0	0.1	0.0	0.8
Saint Vincent and the Grenadines	0.6	0.0		0.1	0.0	0.0	0.0	0.7
Samoa	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
San Marino	0.3	0.0		0.0	0.0		0.0	0.3
Sao Tome and Principe	0.3	0.0		0.0	0.0	0.0	0.0	0.4
Saudi Arabia	110.1	0.8	0.1	15.3	0.0	27.8	0.6	154.7
Senegal	1.7	2.4	0.0	1.0	0.5	0.2	0.7	6.5
Serbia	331.6	76.2	0.1	33.1	15.6	12.4	33.2	502.1
Seychelles	0.3	0.0	0.0	0.1	0.0	0.0	0.1	0.5
Sierra Leone	0.9	0.2	0.3	0.1	129.3	0.0	0.1	130.9
Singapore	1 229.0	13.9	554.9	9.6	3.9	77.6	52.6	1 941.4
Slovakia	581.3	235.1	127.3	235.4	159.4	38.4	72.2	1 449.0
Slovenia	516.6	229.8	2.9	117.0	171.3	16.7	135.2	1 189.4
Solomon Islands	0.0	9.0		0.0	463.1	0.0	6.7	478.8
Somalia	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2
South Africa	366.4	25.2	96.0	66.6	59.6	11.9	663.2	1 288.9
South Sudan	0.0	6.6		0.0	3.0		0.0	9.7
Spain	2 307.7	83.3	501.4	809.7	144.9	91.6	199.5	4 138.1
Sri Lanka	1.1	5.7	0.1	9.4	0.0	25.5	5.2	47.0
Sudan	0.4	0.6		0.0	0.2	0.3	0.4	1.9
Suriname	0.1	4.6		0.0	57.1	0.0	0.2	62.0
Sweden	7 677.3	3 023.2	2 394.7	110.6	109.0	57.8	355.9	13 728.5
Switzerland	606.6	53.2	4.3	271.6	59.0	54.7	6.4	1 055.8
Syrian Arab Republic	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.4

TABLE 33.
FOREST PRODUCTS EXPORTS, 2019 (USD MILLION) (CONTINUED)

COUNTRY	PAPER AND PAPERBOARD	SAWNWOOD	PULP FOR PAPER	WOOD-BASED PANELS	ROUNDWOOD	RECOVERED PAPER	OTHER	TOTAL
Tajikistan	0.0	0.0		0.0	0.0	0.0	0.0	0.0
Thailand	1 017.2	1 050.0	58.5	981.8	3.8	15.7	366.1	3 493.1
Timor-Leste	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.4
Togo	0.3	0.3	0.0	0.1	10.6	0.1	0.0	11.3
Tonga	0.1	0.0		0.0	0.0	0.0	0.1	0.3
Trinidad and Tobago	5.2	0.9	0.0	0.1	0.0	1.0	0.1	7.3
Tunisia	41.8	0.0	0.4	6.5	0.0	0.9	3.3	53.0
Turkey	798.8	35.7	37.2	570.0	9.2	19.7	36.3	1 506.8
Turkmenistan	0.4	0.0	0.0	0.0	0.0	0.1	0.0	0.5
Tuvalu	0.0	0.0		0.0	0.0		0.0	0.0
Uganda	1.0	2.1	0.0	23.9	4.2	0.0	0.1	31.4
Ukraine	148.1	516.6	0.1	160.7	42.3	3.0	396.7	1 267.6
United Arab Emirates	174.1	44.3	5.3	34.9	10.6	93.0	5.8	368.0
United Kingdom of Great Britain and Northern Ireland	1 338.1	73.7	3.2	152.6	27.5	558.2	25.6	2 179.0
United Republic of Tanzania	2.1	24.1	0.1	8.8	8.1	0.3	0.5	44.0
United States of America	9 169.6	2 978.9	4 797.2	646.4	1 604.2	2 698.2	2 435.0	24 329.6
Uruguay	3.9	106.6	1 416.0	67.1	168.4	2.8	102.4	1 867.1
Uzbekistan	2.1	0.1	22.0	1.4	0.0	0.0	0.0	25.8
Vanuatu	0.1	0.0		0.1	0.9	0.0	0.6	1.7
Venezuela (Bolivarian Republic of)	19.9	6.0	0.0	4.0	1.9	0.0	20.7	52.4
Viet Nam	515.8	104.7	4.0	848.5	18.8	0.2	2 108.8	3 600.7
Yemen	0.1	0.0		0.1	0.0	0.4	0.0	0.6
Zambia	0.9	13.6	0.1	0.1	32.7	0.0	0.1	47.6
Zimbabwe	5.5	5.8	0.0	5.0	8.5	0.9	0.9	26.5

Complete series are available at <http://www.fao.org/faostat/en/#data/FO>

TABLE 34.
FAO FOOD PRICE INDICES (2014–2016=100)

TIME	FAO FOOD PRICE INDEX AND SUB-INDICES						FISH
	FOOD PRICE INDEX	OILS	CEREALS	SUGAR	DAIRY	MEAT	
January 2018	96.7	98.3	95.0	87.2	106.0	95.6	106.7
February 2018	97.8	95.6	98.2	83.9	108.8	97.0	109.0
March 2018	99.0	95.4	101.6	80.9	111.3	97.2	113.4
April 2018	98.5	94.0	103.7	76.8	110.0	95.9	112.2
May 2018	98.6	92.2	105.2	76.4	111.4	95.3	113.3
June 2018	96.9	89.4	100.6	77.4	112.3	95.1	105.9
July 2018	95.0	86.9	98.2	72.5	110.1	94.6	103.0
August 2018	95.9	84.5	103.2	68.6	108.5	95.8	99.6
September 2018	94.2	82.4	100.2	70.4	108.3	94.1	102.2
October 2018	93.3	81.4	100.7	76.5	102.8	92.3	103.2
November 2018	92.2	76.6	99.5	79.9	100.0	92.9	102.0
December 2018	92.2	76.9	100.9	78.3	97.8	92.9	103.7
January 2019	93.2	80.3	101.5	79.3	100.9	92.3	106.4
February 2019	94.0	81.8	100.6	80.3	103.8	93.1	106.7
March 2019	93.1	78.5	97.4	78.7	105.6	94.6	109.0
April 2019	93.6	79.2	94.5	79.3	106.1	97.8	110.2
May 2019	94.2	78.6	94.1	76.7	106.6	100.5	104.2
June 2019	95.3	77.5	98.7	79.9	102.9	101.2	102.7
July 2019	95.1	78.1	97.3	79.4	101.1	102.4	103.3
August 2019	94.0	82.6	92.3	76.2	100.3	102.3	97.8
September 2019	93.3	83.9	91.6	73.5	99.6	101.0	93.8
October 2019	95.2	84.1	95.7	77.8	100.8	101.6	91.7
November 2019	98.6	93.2	95.4	79.2	102.5	106.5	98.5
December 2019	101.0	101.5	97.2	83.0	103.5	106.6	102.8
January 2020	102.5	108.7	100.5	87.5	103.8	103.6	106.3
February 2020	99.4	97.6	99.4	91.4	102.9	100.5	101.2
March 2020	95.1	85.5	97.7	73.9	101.5	99.4	94.7
April 2020	92.4	81.2	99.3	63.2	95.8	96.9	89.9
May 2020	91.0	77.8	97.5	67.8	94.4	95.4	91.3
June 2020	93.1	86.6	96.7	74.9	98.3	94.8	97.4
July 2020	93.9	93.2	96.9	76.0	101.8	92.2	94.3
August 2020	95.8	98.7	99.0	81.1	102.1	92.2	94.3
September 2020	97.9	104.6	104.0	79.0	102.3	91.5	92.1
October 2020	101.2	106.4	111.6	84.7	104.5	91.8	92.1
November 2020	105.5	121.9	114.4	87.5	105.4	93.3	91.1
December 2020	108.5	131.1	115.9	87.1	109.2	94.8	94.4
January 2021	113.3	138.8	124.2	94.2	111.2	96.0	95.6
February 2021	116.4	147.4	125.7	100.2	113.1	97.8	95.8
March 2021	119.1	159.2	123.6	96.2	117.5	100.8	100.5
April 2021	121.9	162.0	125.6	100.0	119.1	104.3	100.9
May 2021	127.8	174.7	132.8	106.8	121.1	107.4	107.3
June 2021	125.0	157.5	129.4	107.7	119.9	110.7	104.6
July 2021	123.5	155.4	125.5	109.6	116.7	111.7	102.7
August 2021	127.4	165.7	129.8	120.1	116.0	112.5	100.3

Complete series for the FAO Food Price Index and sub-indices are available at
<http://www.fao.org/worldfoodsituation/foodpricesindex/en/>

TABLE 35.
CHANGES IN PRICES RECEIVED BY FARMERS (PERCENT)

COUNTRY	2000	2005	2013	2014	2015	2016	2017	2018	2019
World									
Africa									
Americas									
Asia									
Europe									
Oceania									
Afghanistan	-0.7	0.6	28.2	-3.2	-4.0	32.8	-6.2	-3.5	1.0
Albania	2.2	-2.4	6.3	-7.4	2.7	-5.5	3.4	-6.9	5.4
Algeria	2.0	-2.7	3.5	4.4	4.2	2.9	4.8	1.1	5.5
Andorra									
Angola				-6.4	6.4	15.2	18.5	-11.5	4.5
Antigua and Barbuda	0.0	0.0	0.7	3.4	1.4	103.8	15.1	2.2	23.8
Argentina	5.1	-6.6	26.6	37.3	24.7	44.2	0.8	50.8	15.6
Armenia	-9.9	-13.7	45.6	-0.1	-8.3	-1.7	2.0	11.6	-0.4
Australia	-0.8	-3.6	-6.0	0.8	-0.5	3.5	-3.4	3.7	12.9
Austria	4.5	0.1	18.4	-5.9	-1.2	-1.4	6.7	1.7	-1.7
Azerbaijan	10.5	11.5	18.0	-0.7	0.0	-2.7	9.5	1.2	3.0
Bahamas									
Bahrain									
Bangladesh	-1.9	8.1	2.6	-1.1	-0.5	1.2	19.0	-13.6	8.2
Barbados	-0.9	4.6	4.5	-4.5	0.9	1.9	2.0	1.9	3.3
Belarus		17.8	26.3	19.6	5.1	7.0	13.7	7.0	10.7
Belgium		7.4	6.7	-14.2	-4.9	2.9	2.1	6.5	2.8
Belize	-0.4	-5.1	0.3	3.2	9.5	10.5	3.0	0.3	6.4
Benin			-1.6	1.1	-3.5	-12.3	3.0	-16.1	-19.1
Bhutan	5.1	4.3	15.2	-2.5	33.1	9.3	2.1	6.9	11.8
Bolivia (Plurinational State of)	-1.0	-3.6	5.2	54.1	-11.0	-16.3	-1.3	2.6	-4.0
Bosnia and Herzegovina	4.1	-4.9	8.3	-5.2	-5.2	-6.0	3.1	-0.9	7.0
Botswana	11.7	-8.0	3.9	3.2	-6.8	0.5	5.7	4.4	6.1
Brazil	10.1	-5.5	2.5	7.4	4.4	6.7	-4.6	-3.4	-2.3
Brunei Darussalam	-4.4	-6.7	0.6	14.3	-12.2	-8.0	-1.8	2.0	-3.8
Bulgaria	17.6	-11.6	13.4	-2.1	1.0	-5.0	-1.8	2.5	2.0
Burkina Faso	-16.1	8.9	-4.1	-0.1	-16.4	2.9	8.7	7.8	8.9
Burundi	37.8	28.3	7.1	-13.3	5.7	10.9	65.1	-29.2	1.0
Cabo Verde	-1.3	0.2	-4.6	0.4	-2.2	-0.3	-1.0	1.6	3.4
Cambodia	-6.6	10.1	18.1	-0.1	-0.7	1.8	2.9	3.0	4.6
Cameroon	-2.9	3.3	9.8	4.1	-12.7	1.2	1.6	6.7	4.8
Canada	0.5	-9.7	-3.6	-4.4	4.5	-2.3	-0.1	2.5	-1.3
Central African Republic				10.8	-11.5	6.1	5.4	5.2	6.9
Chad			-4.6	1.0	-28.9	1.6	-2.1	-0.4	-7.2
Chile	6.8	5.3	0.4	11.0	8.5	12.8	-0.7	0.3	7.4
China	10.0	4.2	9.8	-10.1	0.1	7.0	-1.7	3.4	33.5
Colombia	10.3	2.7	1.4	12.5	11.0	0.5	5.0	3.7	2.3
Comoros									

TABLE 35.
CHANGES IN PRICES RECEIVED BY FARMERS (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2013	2014	2015	2016	2017	2018	2019
Congo	-3.6	23.6	34.3	3.2	-14.1	4.7	-17.4	46.5	16.5
Costa Rica	-4.8	20.1	-0.5	7.1	7.3	2.4	0.3	4.1	3.6
Côte d'Ivoire	19.3	14.7	29.2	-2.3	-1.6	2.2	-2.1	-0.6	-1.5
Croatia	3.4	0.8	9.7	-6.8	-0.1	-3.7	6.5	-4.2	2.6
Cuba	142.2	65.7	9.3	0.0	3.9	6.1	8.2	1.0	7.7
Cyprus	4.9	4.1	2.5	-1.3	-2.6	1.8	2.5	-0.3	1.6
Czechia	12.2	-11.1	7.8	0.0	-10.1	-5.9	7.6	0.2	6.2
Democratic People's Republic of Korea									
Democratic Republic of the Congo									
Denmark	-1.0	-3.5	9.5	-4.8	-11.3	-0.5	11.6	-4.6	9.3
Djibouti									
Dominica									
Dominican Republic	-4.8	7.6	-0.6	-1.2	9.2	131.2	16.2	5.6	27.8
Ecuador	137.5	4.0	5.9	5.8	1.4	4.3	1.6	-9.6	-1.0
Egypt	1.0	8.5	14.0	2.3	9.2	9.6	32.3	5.2	21.4
El Salvador	2.3	13.8	13.2	10.4	5.7	-5.0	-4.2	3.0	-0.8
Equatorial Guinea	-11.9	42.0	-7.0	0.4	-20.8	-1.1	1.4	6.4	1.8
Eritrea	32.4	-2.4	11.6	10.2	9.9	10.6	10.6	-6.8	5.5
Estonia	29.3	3.6	31.4	-5.4	-12.2	0.1	8.6	4.4	-1.5
Eswatini									
Ethiopia	3.9	13.6	-8.9	8.3	-0.5	8.7	4.4	3.9	8.6
Fiji	-2.7	3.6	-21.8	13.2	-18.8	78.2	-17.3	16.0	-7.9
Finland	-0.6	-3.4	3.7	-9.7	-6.5	-1.6	2.4	8.7	-1.1
France	3.9	3.2	17.4	-4.9	2.6	1.4	0.5	7.5	-3.1
Gabon									
Gambia	12.2	6.6	10.6	1.0	24.5	1.7	21.1	-0.9	26.4
Georgia	-1.1	-10.9	3.1	12.6	-6.0	-6.9	9.6	6.3	12.0
Germany	5.4	-4.0	16.8	-9.5	-7.8	-2.0	10.5	0.9	4.3
Ghana	41.6	24.2	20.6	-12.5	-2.8	86.7	-23.0	25.4	-7.1
Greece	6.1	4.2	3.5	6.0	1.6	-0.6	4.0	-1.3	2.4
Grenada				7.0	13.2	3.4	-3.8	-0.6	-9.1
Guatemala									
Guinea	-2.3	20.0	-8.3	1.4	0.4	-6.7	12.0	6.5	4.0
Guinea-Bissau	-7.2	3.1	4.7	0.4	9.9	5.7	21.6	3.8	15.9
Guyana	-4.5	7.4	-7.7	-3.2	12.7	-13.1	59.8	10.9	4.8
Haiti									
Honduras	7.1	11.1	14.2	6.8	0.8	-2.5	2.4	-7.3	-5.5
Hungary	21.8	-3.6	19.0	-6.7	2.7	-0.5	6.6	-4.6	7.4
Iceland	0.9	8.8	3.1	4.7	2.3	0.2	-4.0	-4.6	4.2
India	0.4	5.1	17.7	8.4	6.0	4.6	4.8	-0.3	5.2
Indonesia	-4.2	12.9	15.9	8.3	4.4	0.9	-18.7	0.7	-11.7
Iran (Islamic Republic of)	11.7	2.8	10.5	14.6	5.4	2.2	9.3	54.8	33.9
Iraq	13.1	34.2	19.9	-7.7	-2.1	-7.3	-4.8	-0.5	-1.6
Ireland	10.2	-2.7	12.3	-4.1	-4.9	-5.0	10.9	-1.7	6.3

TABLE 35.
CHANGES IN PRICES RECEIVED BY FARMERS (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2013	2014	2015	2016	2017	2018	2019
Israel	3.7	8.2	2.8	-1.4	4.8	-3.5	-2.1	7.3	0.3
Italy	2.2	-5.5	3.5	-0.2	-1.8	-0.1	4.7	2.9	3.5
Jamaica	12.3	18.4	-2.0	5.5	-0.5	-8.2	17.4	-6.9	2.7
Japan	-5.6	-2.4	6.6	0.4	4.6	5.8	2.2	2.5	-2.8
Jordan	-2.7	3.0	10.6	3.5	5.5	8.3	0.0	-2.1	2.2
Kazakhstan	21.2	4.9	2.2	3.9	8.9	5.3	5.3	8.2	34.4
Kenya	0.3	0.4	-4.6	11.8	8.5	2.9	24.0	0.2	14.3
Kiribati									
Kuwait					-27.1	19.1	1.9	0.0	0.8
Kyrgyzstan	38.0	12.4	-2.7	10.7	-4.8	-9.9	18.5	-6.8	-0.7
Lao People's Democratic Republic	5.4	7.6	10.1	6.2	3.2	4.7	-2.6	2.1	2.3
Latvia	2.0	7.4	26.9	-8.9	-7.5	-3.4	15.7	6.1	0.2
Lebanon	0.0	0.9	-5.6	12.5	-0.2	31.6	-10.9	-0.1	9.1
Lesotho									
Liberia									
Libya									
Lithuania	-1.7	1.0	28.9	-11.5	-4.0	-3.4	10.0	6.1	1.5
Luxembourg		-0.8	14.2	-3.1	-10.1	-3.6	13.9	-1.3	0.3
Madagascar	2.2	24.6	-16.4	-2.6	-10.5	-0.4	16.6	0.3	7.4
Malawi	38.7	32.2	-2.2	29.0	12.5	34.4	2.7	12.8	20.0
Malaysia	-11.6	-1.9	25.5	5.2	-5.9	18.1	2.3	-14.8	-7.2
Maldives		-6.5	21.0	-2.1	45.8	-39.2	-9.3	15.9	53.1
Mali	-8.6	21.0	7.1	-0.6	-7.8	-2.8	5.8	5.6	-4.8
Malta	-24.2	-0.2	-3.7	-6.3	17.1	1.5	2.5	-2.6	11.3
Marshall Islands									
Mauritania									
Mauritius	4.8	5.9	-3.4	-13.4	-8.6	10.1	-2.7	-21.5	-7.0
Mexico	2.1	0.0	5.8	3.1	6.8	3.8	6.4	4.9	3.5
Micronesia (Federated States of)									
Mongolia	19.3	24.7	18.5	11.8	-2.6	-10.2	1.7	13.2	9.5
Montenegro									
Morocco	-2.8	-0.8	2.9	-9.5	-5.2	13.9	-17.3	-0.9	-12.7
Mozambique	2.4	12.1	-13.3	-2.7	20.2	34.8	2.8	10.1	17.8
Myanmar	2.7	32.1	4.2	39.3	10.5	7.8	-2.1	-1.4	2.9
Namibia	6.6	8.8	26.0	0.5	-14.3	30.3	19.0	10.3	20.5
Nauru									
Nepal	7.6	8.7	19.2	3.9	4.3	4.0	3.3	-1.8	1.5
Netherlands	1.0	-0.9	12.0	-6.9	-4.4	-0.6	8.4	-1.0	5.0
New Zealand	7.0	2.9	10.7	21.7	-25.6	-3.3	24.0	9.5	-4.7
Nicaragua	4.3	10.1	14.7	11.8	1.2	-6.3	-1.6	-3.3	-5.0
Niger	6.5	18.8	-1.1	1.6	-15.2	2.5	2.7	8.2	6.2
Nigeria	4.8	16.8	61.0	2.0	-15.8	-17.8	-10.8	5.3	-13.9
North Macedonia	7.3	-0.5	4.5	-9.3	-1.4	-1.5	3.1	3.6	4.7
Norway	-1.2	1.1	2.0	3.8	5.6	1.8	-1.5	1.8	-1.0

TABLE 35.
CHANGES IN PRICES RECEIVED BY FARMERS (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2013	2014	2015	2016	2017	2018	2019
Oman				-2.1	20.8	10.2	-0.4	0.0	0.0
Pakistan	6.1	2.2	21.5	6.1	-4.6	3.0	9.3	5.5	10.1
Palau									
Panama	-0.4	1.0	6.6	0.0	14.0	-0.2	-9.8	2.3	-2.7
Papua New Guinea									
Paraguay	40.5	-12.6	3.9	-2.9	-13.8	9.9	3.8	3.7	-9.2
Peru	-5.1	-0.7	3.6	5.8	4.0	4.5	-2.0	-2.3	5.0
Philippines	-4.3	5.3	7.9	9.9	-4.3	3.8	3.2	5.5	-13.3
Poland	12.4	-4.6	12.5	-8.5	-2.6	-3.6	10.9	-1.7	9.2
Portugal	11.6	2.6	6.4	-4.3	-8.2	-1.1	1.9	8.8	-1.5
Qatar	-12.8	-11.9	2.1	0.3	2.2	-1.9	10.9	-3.9	-1.2
Republic of Korea	-1.6	-2.8	3.1	-0.5	1.1	-0.6	3.2	12.0	9.9
Republic of Moldova	29.4	11.5	37.9	6.6	19.5	0.2	0.6	-5.8	3.6
Romania	60.5	-6.5	11.8	-6.2	-0.1	-2.1	1.6	1.7	9.4
Russian Federation	18.4	6.6	6.8	12.0	20.9	-0.7	-4.0	4.0	6.4
Rwanda	5.7	13.0	1.6	0.8	2.8	9.4	8.8	-10.9	5.3
Saint Kitts and Nevis						6.5	0.4	6.4	-1.4
Saint Lucia	-13.6	9.4	5.3	-0.3	1.5	-0.2	30.9	0.0	21.3
Saint Vincent and the Grenadines			1.7	-3.5	5.9	-0.8	-2.7	0.9	-0.6
Samoa				-22.1	17.7	-4.3	-21.3	25.8	2.5
San Marino									
Sao Tome and Principe									
Saudi Arabia	0.8	10.5	-1.5	1.2	-10.8	0.4	1.0	-0.2	-3.7
Senegal	3.3	4.6	0.6	1.1	-17.0	-2.4	29.9	3.5	13.8
Serbia			26.7	-2.2	2.5	-3.7	7.3	-5.0	0.7
Seychelles			7.7	36.8	-7.8	0.9	10.7	2.1	8.6
Sierra Leone				19.3	8.1	-19.2	-14.4	7.7	-8.4
Singapore	-1.8	-2.7	-7.1	4.4	-4.5	-0.9	6.8	7.4	8.3
Slovakia	7.8	-6.5	18.1	-8.8	-1.2	-7.5	7.7	2.2	2.8
Slovenia	5.8	-0.2	5.7	-7.5	-4.6	1.1	8.4	-2.3	7.7
Solomon Islands									
Somalia									
South Africa	-0.2	-3.5	0.1	9.4	-1.1	13.3	2.2	3.3	15.7
South Sudan									
Spain	8.1	4.0	9.5	-3.9	2.1	-2.6	6.1	-0.8	-1.4
Sri Lanka	-1.7	13.2	8.7	11.4	6.3	-1.4	21.8	-9.1	-2.0
Sudan									
Suriname	76.0	20.4	3.6	-7.0	-2.8	38.8	27.4	13.8	14.6
Sweden	-2.1	-3.0	16.6	-4.4	-1.7	0.5	6.7	10.0	-1.7
Switzerland	1.4	-5.1	-2.8	0.1	-3.5	0.5	1.4	-0.8	3.0
Syrian Arab Republic	0.0	8.2	2.4	49.4	39.6	18.0	14.1	16.7	25.8
Tajikistan	-1.7	21.4	16.6	0.0	-12.6	-1.0	15.9	-8.9	9.1
Thailand	-8.5	14.2	23.7	-4.9	-2.1	3.6	-2.6	-1.0	3.6
Timor-Leste			13.2	4.0	-2.7	0.2	-3.5	0.9	-1.3

TABLE 35.
CHANGES IN PRICES RECEIVED BY FARMERS (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2013	2014	2015	2016	2017	2018	2019
Togo	-5.4	30.2	-2.9	-0.7	-0.6	-9.3	7.2	-4.8	10.3
Tonga									
Trinidad and Tobago	-3.5	-21.7	-0.8	0.2	-1.6	10.8	-1.6	-4.1	-1.2
Tunisia	-4.6	4.8	4.3	6.2	6.9	4.3	4.6	7.3	10.5
Turkey	46.1	6.4	16.8	16.4	8.4	6.2	5.7	15.4	19.1
Turkmenistan	17.6	5.6	2.3	0.6	-18.8	-5.5	-1.5	1.2	-5.3
Tuvalu									
Uganda									
Ukraine	36.2	9.4	36.0	23.4	53.3	12.2	15.6	9.1	-1.3
United Arab Emirates									
United Kingdom of Great Britain and Northern Ireland	-5.6	-3.6	5.6	-9.1	-8.5	0.1	9.1	5.3	5.7
United Republic of Tanzania	-7.4	2.4	8.8	3.8	10.3	8.7	11.8	7.2	15.0
United States of America	-0.7	0.6	20.0	0.2	-9.0	-10.6	5.8	-1.7	10.6
Uruguay	8.4	-13.4	3.8	7.6	-1.9	5.6	-2.7	4.0	1.9
Uzbekistan									
Vanuatu	0.1	-0.2	14.9	-1.7	-5.1	-2.4	6.5	1.2	3.2
Venezuela (Bolivarian Republic of)	9.4	32.1	37.4	111.7					
Viet Nam	0.8	14.2	11.2	4.3	-1.0	2.3	-2.1	1.5	0.7
Yemen	9.4	9.7	2.0	5.2	5.0	7.6	4.9	2.9	8.2
Zambia			18.9	34.0	7.8	19.4	-27.4	25.0	26.1
Zimbabwe	54.6	265.1		17.9	-6.6	11.2	0.2	1.8	-34.0

Based on data available at <http://www.fao.org/faostat/en/#data/PP>

TABLE 36.
CONSUMER PRICE INFLATION RATES FOR FOOD (PERCENT)

COUNTRY	2012	2013	2014	2015	2016	2017	2018	2019	2020
World	3.6	3.2	3.1	2.7	1.9	2.1	2.7	4.4	6.3
Africa	9.0	7.2	7.0	7.6	11.8	17.1	9.4	8.1	9.0
Americas	3.3	2.0	3.5	2.6	0.8	0.8	1.9	4.2	7.0
Asia	4.5	5.0	4.3	3.5	3.5	1.9	3.5	5.9	8.3
Europe	2.9	2.9	0.6	1.3	0.5	2.1	1.9	2.0	2.1
Oceania	-3.0	0.1	2.2	0.6	0.2	0.6	0.3	3.7	7.9
Afghanistan	4.7	7.6	7.8	-0.8	5.7	6.9	-1.1	3.8	9.9
Albania	2.4	4.2	2.2	6.7	0.7	4.1	2.7	2.9	3.6
Algeria	12.2	3.2	3.9	4.7	3.4	5.0	3.4	-0.5	0.2
Andorra	1.9	2.2	1.6	1.9	0.8	2.9	2.0	1.2	2.4
Angola	12.8	10.3	7.0	8.7	32.7	28.6	15.9	16.5	27.0
Antigua and Barbuda	4.2	2.5	1.0	2.5	-0.1	1.9	3.4	1.7	1.9
Argentina	10.2	7.6	19.1	12.3	13.0	17.6	31.7	58.6	47.5
Armenia	2.0	5.9	1.7	3.0	-3.2	4.1	2.3	1.8	0.3
Australia	-3.5	0.1	2.6	0.6	0.2	0.3	0.4	4.1	8.8
Austria	3.2	3.5	2.0	0.8	0.7	2.4	1.5	1.0	2.3
Azerbaijan	0.6	2.0	0.7	4.8	13.7	17.3	2.0	3.3	4.6
Bahamas	1.8	0.2	1.7	5.9	-0.9	-0.1	2.4	0.1	1.6
Bahrain	3.8	2.4	2.9	2.4	1.3	1.0	2.1	2.4	3.5
Bangladesh	3.4	7.9	7.9	6.1	4.5	7.2	6.2	5.6	5.8
Barbados	4.2	4.0	2.4	2.8	8.2	6.2	1.6	5.9	7.7
Belarus	64.1	12.0	16.8	12.5	10.7	7.1	4.0	6.4	4.3
Belgium	3.1	3.4	-0.4	1.2	2.2	1.3	2.2	0.8	2.9
Belize	2.6	1.5	0.8	-0.4	0.1	-1.1	-0.5	0.6	1.1
Benin	4.7	2.6	-0.8	0.4	-0.5	1.7	1.5	-2.7	3.0
Bhutan	13.5	9.6	10.1	3.3	4.0	7.5	5.0	3.6	11.2
Bolivia (Plurinational State of)	3.9	8.8	8.2	4.6	5.5	3.3	2.6	3.3	-0.6
Bosnia and Herzegovina	1.8	0.0	-2.6	-0.7	-1.3	1.3	0.6	1.1	1.0
Botswana	8.0	5.4	3.0	1.3	2.7	3.4	-0.5	1.4	3.7
Brazil	8.1	11.2	7.5	9.8	12.5	0.9	0.9	4.9	9.0
Brunei Darussalam	0.0	0.1	-0.2	0.9	-0.5	0.3	1.9	-0.7	2.5
Bulgaria	3.0	2.8	-1.0	0.3	-0.2	4.0	2.2	5.2	5.4
Burkina Faso	5.4	-0.3	-3.2	2.4	1.0	2.0	3.4	-6.5	3.9
Burundi	13.8	9.5	2.3	5.7	7.2	24.0	-11.1	-3.1	12.1
Cabo Verde	2.6	0.7	-1.2	1.5	-0.6	-0.2	0.4	1.4	1.6
Cambodia	2.9	4.1	4.9	4.0	5.6	3.4	2.5	2.1	4.6
Cameroon	3.2	3.2	0.8	2.0	1.1	0.0	1.2	2.9	3.6
Canada	2.4	1.1	2.5	4.1	1.0	-1.0	0.8	3.7	2.4
Central African Republic									
Chad	11.9	-1.7	2.5	-3.3	-4.1	-3.8	-1.9	-5.2	9.4
Chile	7.6	4.4	6.9	7.2	3.8	2.0	3.1	2.6	6.7
China, mainland	4.9	4.7	3.1	2.5	3.7	-0.2	1.9	7.2	8.1
Colombia	3.4	0.4	3.0	8.6	13.1	0.7	0.8	4.9	5.6
Comoros	5.4	0.4	2.0	1.6	2.6	0.8	2.5	4.9	0.4

TABLE 36.
CONSUMER PRICE INFLATION RATES FOR FOOD (PERCENT) (CONTINUED)

COUNTRY	2012	2013	2014	2015	2016	2017	2018	2019	2020
Congo	8.6	5.7	-2.3	2.9	0.5	-1.2	0.0	-0.2	2.2
Costa Rica	3.5	3.8	4.2	3.2	-0.8	1.7	1.6	0.8	0.5
Côte d'Ivoire	-0.2	1.9	-2.1	2.0	3.0	0.7	0.5	1.4	4.2
Croatia	3.7	3.7	-2.2	0.4	-0.5	2.9	1.0	-0.1	1.9
Cuba									
Cyprus	0.8	0.2	-1.5	-0.1	-0.3	-0.3	0.7	0.6	1.2
Czechia	6.9	4.9	2.0	-1.1	-0.9	5.2	1.3	2.8	4.5
Democratic People's Republic of Korea									
Democratic Republic of the Congo	3.6	0.7	1.4	0.8	3.0	11.7	1.7	1.5	1.5
Denmark	4.3	0.4	-0.9	1.0	0.1	2.8	0.0	1.4	0.6
Djibouti	4.4	-0.8	0.2	3.1	6.0	1.9	0.2	5.7	4.8
Dominica	3.8	1.6	1.1	0.7	0.1	-0.2	2.2	1.9	0.6
Dominican Republic	5.0	4.7	3.9	6.7	2.2	2.3	3.6	3.7	6.3
Ecuador	5.8	1.8	4.5	4.2	2.5	0.5	-1.6	0.0	0.7
Egypt	9.2	12.3	12.4	10.6	16.5	38.8	13.2	7.3	-0.2
El Salvador	0.3	2.4	3.2	1.4	-0.6	0.2	0.5	1.2	1.6
Equatorial Guinea	4.0	4.6	4.4	1.5	-4.1	1.6	1.0	0.4	4.7
Eritrea									
Estonia	3.8	4.1	0.0	-0.5	0.0	5.7	3.0	3.0	2.1
Eswatini	13.1	5.7	6.3	4.2	15.0	8.0	0.0	2.1	4.0
Ethiopia	28.9	5.8	5.4	12.0	6.6	11.2	12.6	18.7	23.1
Fiji	4.4	3.5	1.9	4.8	6.0	-2.2	3.4	4.9	-2.4
Finland	5.2	5.3	0.2	-1.9	-1.1	-0.9	1.9	1.2	1.7
France	2.9	1.2	-0.8	0.4	0.6	1.1	2.0	2.5	2.0
Gabon	5.7	-0.4	3.0	2.8	-0.1	-0.7	3.6	3.1	1.9
Gambia	5.0	6.7	6.8	8.3	8.2	8.7	6.3	6.8	6.6
Georgia	-4.4	-0.7	5.1	4.2	1.6	6.8	2.2	8.1	10.5
Germany	3.4	3.9	1.0	0.6	0.8	2.8	2.3	1.2	2.2
Ghana	2.4	7.3	6.8	7.5	8.6	7.3	7.8	7.4	11.0
Greece	1.5	0.0	-1.7	1.8	-0.2	0.3	0.4	-0.1	1.4
Grenada	3.0	0.9	0.8	1.0	-2.3	0.5	1.2	0.4	1.0
Guatemala	7.2	8.4	7.4	9.3	10.0	8.9	7.3	7.8	6.3
Guinea	15.5	12.6	7.5	13.4	11.5	13.6	13.4	11.4	12.7
Guinea-Bissau	3.0	0.8	-1.3	3.1	2.5	-0.3	0.7	0.9	2.9
Guyana									
Haiti	5.3	5.7	2.6	6.9	12.9	11.1	13.8	22.2	27.4
Honduras	3.0	5.1	6.7	3.3	1.0	1.6	3.5	2.2	4.7
Hungary	6.0	2.6	-0.8	0.6	0.3	2.6	4.0	5.1	7.2
Iceland	6.1	5.1	0.5	2.8	1.3	-2.4	2.5	3.8	4.9
India	9.2	12.8	7.2	5.3	5.4	1.8	1.7	3.5	8.8
Indonesia	5.9	11.8	6.8	7.2	7.3	2.1	4.2	1.1	5.4
Iran (Islamic Republic of)	37.5	50.4	14.2	10.6	6.6	12.5	21.8	57.2	26.5
Iraq	5.0	3.1	0.8	1.8	-0.7	-2.1	0.5	0.0	-0.4
Ireland	0.6	1.1	-2.2	-2.1	-1.3	-2.1	-2.0	-0.7	-1.4

TABLE 36.
CONSUMER PRICE INFLATION RATES FOR FOOD (PERCENT) (CONTINUED)

COUNTRY	2012	2013	2014	2015	2016	2017	2018	2019	2020
Israel	0.5	5.2	-1.4	0.0	-1.2	0.0	0.9	2.1	0.0
Italy	2.5	2.4	0.1	1.1	0.2	1.9	1.2	0.8	1.4
Jamaica	10.8	12.6	8.5	7.7	4.0	4.4	4.1	6.3	8.5
Japan	0.2	-0.2	4.3	3.6	2.1	0.7	1.6	0.2	1.2
Jordan	4.5	4.2	0.3	1.1	-3.5	-0.4	3.2	0.3	2.3
Kazakhstan	4.4	4.2	6.5	6.4	12.8	8.6	5.0	8.1	10.4
Kenya	10.2	7.2	8.7	11.4	10.1	13.4	1.4	6.4	6.4
Kiribati	-2.4	-0.5	0.0	-0.5	1.2	-0.2	-0.8	-1.6	2.0
Kuwait	4.8	4.0	2.9	3.4	1.9	-0.3	0.0	1.1	2.2
Kyrgyzstan	-4.0	5.4	8.2	3.7	-6.5	2.5	-2.2	1.4	11.6
Lao People's Democratic Republic	5.7	12.5	6.9	4.5	4.3	-0.1	1.2	4.6	8.7
Latvia	2.3	1.3	-0.3	-1.3	1.1	5.6	0.6	2.9	2.4
Lebanon	5.9	2.5	3.6	-1.1	-1.2	3.7	5.0	4.3	207.7
Lesotho	9.8	5.3	5.4	6.2	11.8	5.7	5.2	6.8	10.3
Liberia	10.3	10.3	8.9	10.2	7.8	6.4	20.8	29.5	20.2
Libya	-3.4	3.8	4.3	18.1	30.1	34.6	19.2	-3.9	2.7
Lithuania	3.1	1.7	0.8	-0.9	1.2	3.6	1.4	2.9	2.3
Luxembourg	2.6	3.6	0.6	0.8	1.5	2.8	2.2	1.4	2.7
Madagascar	5.2	4.9	5.4	6.5	6.2	9.3	10.8	4.8	3.8
Malawi	19.0	22.8	13.6	23.9	26.7	11.9	12.5	15.2	13.0
Malaysia	2.7	3.6	3.3	3.6	3.9	4.2	1.4	1.6	1.3
Maldives	18.0	7.2	0.8	0.5	0.6	5.6	-1.1	-0.8	2.7
Mali	8.1	-3.3	-0.2	3.0	-3.2	2.2	2.4	-5.8	2.3
Malta	4.7	4.8	0.5	3.0	2.1	3.5	2.9	3.6	1.9
Marshall Islands									
Mauritania	4.3	4.4	5.1	5.7	2.3	3.1	4.2	2.7	2.2
Mauritius	2.2	3.4	4.6	3.1	1.1	3.7	3.2	0.0	6.2
Mexico	8.1	5.2	4.7	4.0	4.5	6.9	4.8	4.4	6.6
Micronesia (Federated States of)	4.3	2.3	0.8	0.6	-1.5	-1.9	-1.1	2.8	2.7
Mongolia	20.8	10.3	9.4	0.8	-1.5	4.5	7.0	10.7	6.7
Montenegro	4.2	3.9	-1.4	2.9	-0.8	1.7	0.4	3.1	1.6
Morocco	2.4	2.2	-1.2	2.6	2.8	0.0	1.0	-1.3	0.9
Mozambique	3.1	5.3	3.8	5.1	27.1	16.6	0.0	3.3	7.6
Myanmar	3.6	5.1	6.9	12.9	9.4	4.4	6.5	9.0	2.8
Namibia	9.1	6.5	8.3	5.6	10.7	5.6	3.2	4.3	5.2
Nauru									
Nepal	7.3	6.8	8.2	9.6	8.7	1.3	2.0	5.5	7.3
Netherlands	2.0	2.4	-0.1	0.6	1.0	2.7	0.8	4.0	1.9
New Zealand	-0.5	0.3	-0.3	-0.5	-0.6	2.2	-0.1	1.1	3.3
Nicaragua	8.6	9.4	7.8	4.8	1.5	0.6	4.2	4.6	4.2
Niger	3.2	4.4	-1.2	0.4	-1.2	3.4	-0.8	-4.9	5.6
Nigeria	11.2	9.5	9.5	9.9	14.6	19.5	14.4	13.7	16.0
North Macedonia	2.3	3.4	-1.0	0.1	-1.3	0.2	0.8	1.6	2.4
Norway	1.2	1.0	3.1	2.9	2.6	0.0	2.5	1.1	3.3

TABLE 36.
CONSUMER PRICE INFLATION RATES FOR FOOD (PERCENT) (CONTINUED)

COUNTRY	2012	2013	2014	2015	2016	2017	2018	2019	2020
Oman	2.2	2.8	1.7	-0.8	-1.2	0.5	-0.7	1.2	1.3
Pakistan	8.5	8.1	5.8	0.6	2.4	3.3	2.2	10.5	15.5
Palau	5.4	3.0	1.3	2.2	-3.2	3.9	2.7	0.7	2.2
Panama	8.1	5.8	3.3	-0.8	1.5	-0.5	-0.6	0.5	-0.7
Papua New Guinea	-1.0	-1.9	4.4	4.8	5.4	3.0	0.7	3.0	2.3
Paraguay	-1.9	3.2	6.5	2.9	5.8	5.8	3.9	1.2	1.2
Peru	5.4	2.1	3.0	4.7	3.7	2.8	-1.6	6.6	1.9
Philippines	2.7	2.5	5.8	1.9	1.6	3.1	6.8	2.1	2.7
Poland	4.2	1.8	-1.0	-1.7	0.9	4.3	2.6	4.8	4.6
Portugal	3.2	1.9	-1.3	1.0	0.5	1.5	0.7	0.3	2.1
Qatar	3.1	2.3	0.2	0.8	-1.9	1.9	0.0	-0.1	-0.1
Republic of Korea	4.0	0.9	0.3	1.6	2.3	3.4	2.8	0.1	4.4
Republic of Moldova	3.8	6.7	6.5	9.8	7.4	7.9	5.1	7.6	7.4
Romania	1.9	3.0	-1.6	-3.9	-2.5	2.5	3.8	4.7	4.8
Russian Federation	3.3	6.2	9.9	21.1	5.8	2.7	1.6	5.7	4.3
Rwanda	16.4	8.6	2.6	3.6	12.6	12.8	-7.4	3.5	15.7
Saint Kitts and Nevis	2.4	2.1	0.0	-10.7	-6.1	-0.2	2.4	1.9	0.4
Saint Lucia	6.4	5.1	2.1	0.2	-3.2	-1.5	3.7	2.2	-0.8
Saint Vincent and the Grenadines	3.3	2.0	1.6	-1.2	0.0	1.9	2.3	0.6	1.8
Samoa	2.0	0.7	-3.3	3.3	5.8	1.3	5.6	1.0	-1.6
San Marino	3.8	5.5	2.9	3.2	2.0	2.4	5.1	3.8	3.2
Sao Tome and Principe	12.2	9.4	7.3	4.1	0.8	6.6	8.7	9.0	12.4
Saudi Arabia	4.4	5.9	1.4	0.6	-1.3	-0.8	6.5	2.1	8.9
Senegal	2.5	1.3	-1.8	1.8	3.3	1.7	0.7	1.2	3.6
Serbia	6.8	7.7	-0.9	2.0	-0.3	3.3	1.9	2.6	2.5
Seychelles	6.0	6.7	1.1	1.9	0.0	0.9	0.1	-0.8	3.6
Sierra Leone	6.7	5.7	4.7	8.3	12.5	19.5	17.7	8.8	13.8
Singapore	2.4	2.3	3.0	1.2	2.3	1.3	1.3	1.1	2.9
Slovakia	4.2	3.5	-0.8	-0.3	-2.8	4.0	3.9	4.0	2.5
Slovenia	4.1	3.6	-0.3	0.8	0.9	2.2	2.7	1.6	3.5
Solomon Islands	4.4	2.6	3.0	-2.8	0.5	-0.7	2.2	-0.4	1.3
Somalia									
South Africa	7.2	5.7	8.0	5.0	11.6	6.9	3.1	3.6	4.4
South Sudan	44.0	-3.1	2.4	53.8	333.3	210.6	71.6	106.4	24.4
Spain	2.3	2.8	-0.3	1.2	1.4	1.2	1.6	1.0	2.4
Sri Lanka	4.7	7.9	4.8	5.3	3.1	11.3	-0.2	0.6	12.2
Sudan	38.0	31.5	30.7	14.4	13.5	34.9	69.0	62.7	136.0
Suriname	4.7	2.3	4.2	9.0	49.6	31.5	9.3	5.3	41.5
Sweden	1.5	2.2	0.4	2.3	1.1	2.1	2.4	2.8	2.1
Switzerland	-1.0	1.2	0.9	-0.8	0.4	0.4	1.3	0.1	0.1
Syrian Arab Republic	38.5	100.0	26.8	34.8	57.8	17.5	0.4	14.6	113.4
Tajikistan	3.5	5.3	7.4	6.9	5.1	9.2	2.7	11.0	11.6
Thailand	4.9	3.4	3.9	1.1	1.6	0.0	0.4	2.3	1.2
Timor-Leste	12.8	12.9	0.7	0.3	-2.1	0.9	1.7	0.9	0.9

TABLE 36.
CONSUMER PRICE INFLATION RATES FOR FOOD (PERCENT) (CONTINUED)

COUNTRY	2012	2013	2014	2015	2016	2017	2018	2019	2020
Togo	3.6	0.4	-4.3	5.9	3.1	-1.2	0.3	-0.5	3.4
Tonga	1.5	1.9	3.6	1.8	1.3	8.6	8.8	-0.3	1.9
Trinidad and Tobago	19.2	8.7	9.9	8.7	7.5	2.9	1.1	0.6	2.8
Tunisia	7.0	7.2	5.0	4.5	2.7	5.6	7.3	6.9	4.7
Turkey	8.5	9.1	12.6	11.2	5.8	12.7	17.7	19.8	13.8
Turkmenistan									
Tuvalu									
Uganda	13.2	2.3	3.5	7.2	5.6	10.2	-1.2	-0.2	1.8
Ukraine	-2.1	-2.1	11.8	45.7	9.4	12.8	11.2	8.0	2.7
United Arab Emirates	5.3	2.7	2.2	1.2	1.0	1.2	3.5	-1.4	3.7
United Kingdom of Great Britain and Northern Ireland	3.2	3.7	-0.2	-2.6	-2.4	2.3	2.1	1.4	0.7
United Republic of Tanzania	20.8	8.5	7.4	7.9	7.5	9.1	3.0	2.9	4.1
United States of America	2.5	0.9	2.6	1.2	-1.3	-0.2	0.5	0.9	3.5
Uruguay	8.4	10.7	10.4	9.5	9.6	2.8	8.3	8.7	13.8
Uzbekistan	7.2	7.0	6.4	5.5	4.7	17.8	20.1	17.0	17.2
Vanuatu	2.0	1.5	1.7	3.6	1.8	6.9	4.4	5.1	10.8
Venezuela (Bolivarian Republic of)	26.9	41.5	112.9	206.0	381.1	453.0	15 145.9	77 645.9	2 734.4
Viet Nam	8.1	2.7	4.0	1.5	2.4	-1.1	3.2	4.1	10.0
Yemen	10.4	11.3	1.9	11.6	17.1	7.1	4.7	5.4	7.6
Zambia	7.0	6.5	7.2	10.8	21.6	5.8	7.1	10.4	16.2
Zimbabwe	4.6	1.7	-3.1	-3.4	-3.2	2.5	13.6	256.2	696.6

Based on data available at <http://www.fao.org/faostat/en/#data/CP>

CHAPTER 3: FOOD SECURITY AND NUTRITION

TABLE 37.
PREVALENCE OF UNDERNOURISHMENT (PERCENT)

COUNTRY	2000–2002	2004–2006	2009–2011	2013–2015	2014–2016	2015–2017	2016–2018	2017–2019	2018–2020
World	13.2	12.3	9.4	8.5	8.3	8.3	8.2	8.3	8.9
Africa	24.0	21.6	18.7	17.3	17.0	17.1	17.4	17.6	19.0
Asia	14.5	13.7	9.7	8.5	8.3	8.0	7.8	7.8	8.2
Latin America and the Caribbean	10.8	9.3	7.1	5.7	6.0	6.4	6.7	6.8	7.7
Northern America and Europe	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Oceania	6.6	6.7	5.6	5.9	6.1	6.2	6.2	6.2	6.2
Afghanistan	47.8	36.1	23.7	24.2	21.5	22.2	23.0	23.4	25.6
Albania	4.9	8.9	4.9	4.4	4.7	4.3	4.1	4.0	3.9
Algeria	8.0	6.7	4.6	2.9	2.8	2.8	2.7	<2.5	<2.5
Andorra									
Angola	67.5	52.2	24.4	14.2	14.5	15.4	15.4	15.5	17.3
Antigua and Barbuda									
Argentina	3.0	3.7	3.4	<2.5	<2.5	2.6	3.1	3.5	3.9
Armenia	26.1	12.3	4.3	2.9	2.8	2.8	3.1	3.2	3.4
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	17.0	4.8	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Bahamas									
Bahrain									
Bangladesh	15.9	14.2	15.2	14.2	14.0	13.3	12.5	10.8	9.7
Barbados	6.4	6.1	4.8	4.2	4.3	4.3	4.3	4.2	4.1
Belarus	<2.5	<2.5	<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	5.8	5.7	6.8	7.8	7.7	7.2	6.7	6.2	5.9
Benin	17.2	12.0	8.5	7.5	7.3	7.3	7.2	7.3	7.6
Bhutan									
Bolivia (Plurinational State of)	27.9	26.8	20.3	15.5	14.3	13.1	12.5	12.6	12.6
Bosnia and Herzegovina	3.2	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Botswana	23.7	25.2	31.5	27.3	26.4	27.7	28.9	29.5	29.3
Brazil	10.7	6.5	3.9	2.6	<2.5	<2.5	<2.5	<2.5	<2.5
Brunei Darussalam	2.6	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Bulgaria	4.0	4.9	4.3	3.4	3.4	3.6	3.1	2.8	3.0
Burkina Faso	22.6	17.5	13.7	12.0	12.0	12.3	12.4	12.7	14.4
Burundi									
Cabo Verde	14.5	11.0	15.8	16.4	16.8	17.0	16.7	16.2	15.4
Cambodia	23.6	17.0	13.3	9.6	8.9	8.5	7.7	6.8	6.2
Cameroon	22.9	15.9	7.6	5.5	5.4	5.5	5.6	5.6	5.3
Canada	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Central African Republic	39.2	39.6	29.1	48.3	49.9	48.6	46.1	46.7	48.2
Chad	38.8	37.8	36.3	29.9	28.0	28.5	29.1	30.4	31.7
Chile	3.4	3.1	3.6	3.1	3.0	3.1	3.0	3.0	3.4
China	10.0	7.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Colombia	8.7	11.2	13.1	7.1	6.5	6.8	7.1	7.9	8.8

TABLE 37.
PREVALENCE OF UNDERNOURISHMENT (PERCENT) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2013–2015	2014–2016	2015–2017	2016–2018	2017–2019	2018–2020
Comoros									
Congo	27.0	34.0	36.5	31.1	34.1	34.6	36.0	36.8	37.7
Costa Rica	4.7	4.4	3.8	4.3	4.1	3.6	3.1	3.0	3.1
Côte d'Ivoire	20.4	20.2	22.3	18.6	16.5	15.5	15.0	14.9	14.9
Croatia	6.8	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Cuba	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Cyprus	5.1	7.6	6.2	2.8	<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	35.7	33.8	42.6	40.6	40.3	41.2	42.9	42.6	42.4
Democratic Republic of the Congo	38.2	38.4	38.8	40.7	40.1	39.9	40.2	40.4	41.7
Denmark	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Djibouti	42.0	31.3	22.9	18.1	17.5	16.7	16.4	16.0	16.2
Dominica	3.7	5.4	4.7	5.1	5.1	5.0	5.3	5.5	5.6
Dominican Republic	20.4	19.2	12.3	8.3	7.4	6.8	6.4	6.7	8.3
Ecuador	21.0	22.4	12.3	8.9	9.0	9.7	10.7	11.2	12.4
Egypt	5.2	6.4	5.4	4.6	4.4	4.6	4.9	5.1	5.4
El Salvador	7.2	9.1	10.9	10.6	10.6	9.9	9.1	8.6	8.5
Equatorial Guinea									
Eritrea									
Estonia	3.6	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Eswatini	10.5	9.2	18.5	13.4	12.8	13.0	12.4	11.9	11.6
Ethiopia	47.0	37.1	27.6	17.8	14.8	13.8	14.0	14.4	16.2
Fiji	4.0	3.7	4.0	5.2	6.4	6.3	6.3	5.8	5.6
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	10.7	14.3	17.2	14.7	13.9	15.0	16.0	16.2	15.7
Gambia	17.8	21.7	13.1	11.9	11.3	11.7	11.9	12.4	13.6
Georgia	7.7	4.1	4.2	6.6	8.1	8.3	8.3	8.1	8.7
Germany	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Ghana	14.9	11.2	6.6	7.4	7.7	7.6	7.1	6.4	6.1
Greece	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Grenada									
Guatemala	22.2	18.9	16.5	17.7	17.3	16.4	16.3	16.0	16.8
Guinea									
Guinea-Bissau									
Guyana	6.5	7.1	7.3	6.1	6.7	6.3	6.0	5.5	5.2
Haiti	53.2	55.0	47.5	46.4	46.1	46.7	48.0	47.9	46.8
Honduras	21.9	22.3	15.9	14.6	14.5	13.8	13.2	13.1	13.5
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	18.4	21.6	16.0	14.9	14.7	14.2	13.8	14.0	15.3
Indonesia	19.2	19.2	13.0	7.7	7.0	6.8	6.4	6.4	6.5
Iran (Islamic Republic of)	4.8	5.2	6.0	4.9	4.7	4.9	5.2	5.4	5.5

TABLE 37.
PREVALENCE OF UNDERNOURISHMENT (PERCENT) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2013–2015	2014–2016	2015–2017	2016–2018	2017–2019	2018–2020
Iraq	22.4	23.8	31.6	36.8	37.8	38.4	37.9	37.4	37.5
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	7.4	7.4	9.6	9.7	9.6	9.3	8.8	7.7	7.7
Japan	<2.5	<2.5	2.7	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Jordan	9.7	5.5	7.1	7.2	6.3	7.1	7.7	8.2	9.5
Kazakhstan	6.5	7.3	3.5	<2.5	<2.5	<2.5	2.6	2.5	<2.5
Kenya	32.2	28.5	24.2	20.9	21.5	23.2	24.6	24.4	24.8
Kiribati	4.4	5.3	5.6	3.8	3.2	3.3	3.5	3.8	4.1
Kuwait	2.6	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Kyrgyzstan	15.1	9.0	8.3	7.6	8.0	7.9	7.7	7.2	7.2
Lao People's Democratic Republic	31.2	22.4	16.0	9.0	6.7	5.9	5.6	5.4	5.3
Latvia	4.6	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Lebanon	7.8	10.9	10.2	9.6	5.9	6.2	6.7	7.2	9.3
Lesotho	20.0	13.7	11.6	20.8	29.9	28.3	26.0	20.8	23.5
Liberia	36.6	35.8	34.6	37.2	36.4	36.4	36.6	37.5	38.9
Libya									
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	33.8	33.4	29.0	37.6	40.2	41.6	42.3	42.6	43.2
Malawi	23.6	22.5	16.4	16.1	16.0	16.1	16.5	16.8	17.3
Malaysia	2.5	3.2	3.2	3.4	3.8	3.5	3.4	3.2	3.2
Maldives									
Mali	16.2	13.3	6.0	4.9	5.0	5.3	6.3	7.7	10.4
Malta	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Marshall Islands									
Mauritania	8.3	9.4	7.3	7.7	8.3	8.5	8.6	8.7	9.1
Mauritius	5.7	5.1	4.7	5.3	5.6	5.7	5.9	5.7	6.2
Mexico	3.3	4.4	5.0	4.4	5.0	5.8	6.1	6.2	7.2
Micronesia (Federated States of)									
Mongolia	31.1	29.6	19.1	11.5	8.4	7.4	6.3	5.5	4.3
Montenegro	9.6	5.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Morocco	6.3	5.5	5.5	4.1	3.8	3.8	3.7	3.7	4.2
Mozambique	36.5	33.3	24.1	25.7	29.7	31.5	31.4	31.0	31.2
Myanmar	37.6	27.8	13.1	9.7	8.9	8.4	8.1	7.8	7.6
Namibia	13.5	18.2	32.7	23.6	21.0	20.2	20.0	19.9	19.8
Nauru									
Nepal	23.5	16.8	10.5	6.4	5.3	4.5	4.2	4.3	4.8
Netherlands	<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	27.5	23.3	20.1	18.7	19.0	18.0	17.6	18.2	19.3
Niger									

TABLE 37.
PREVALENCE OF UNDERNOURISHMENT (PERCENT) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2013–2015	2014–2016	2015–2017	2016–2018	2017–2019	2018–2020
Nigeria	8.9	7.1	7.8	9.3	9.2	9.4	10.0	10.7	14.6
North Macedonia	7.5	5.0	3.4	3.5	3.3	3.0	2.7	<2.5	2.7
Norway	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Oman	12.3	9.6	9.1	7.0	8.1	8.4	8.4	8.1	8.2
Pakistan	21.1	17.6	15.9	13.9	12.8	12.4	12.1	12.2	12.9
Palau									
Panama	24.5	21.6	11.8	8.3	8.1	7.8	7.5	7.4	7.5
Papua New Guinea	26.3	27.4	22.7	23.8	25.0	25.2	25.1	24.9	24.6
Paraguay	10.5	9.5	8.4	7.4	7.4	7.7	7.8	7.9	9.2
Peru	21.5	18.8	8.8	5.4	5.9	6.9	7.6	7.9	8.7
Philippines	18.7	14.9	13.4	13.8	13.3	12.1	10.9	9.7	9.4
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									
Romania	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Russian Federation	4.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Rwanda	38.5	35.3	31.3	35.1	35.3	34.8	34.5	34.3	35.2
Saint Kitts and Nevis									
Saint Lucia									
Saint Vincent and the Grenadines	13.4	7.9	5.7	5.5	5.7	5.6	5.5	5.5	5.6
Samoa	3.5	3.4	4.2	4.2	4.5	4.7	4.7	4.6	4.6
San Marino									
Sao Tome and Principe	14.7	9.0	14.1	12.7	12.8	12.6	11.8	11.8	11.9
Saudi Arabia	4.9	4.8	5.9	4.3	3.7	3.7	3.7	3.8	3.9
Senegal	24.0	17.2	11.1	11.2	9.8	8.9	7.9	7.4	7.5
Serbia	3.1	<2.5	<2.5	3.7	4.1	4.2	4.0	3.8	3.9
Seychelles									
Sierra Leone	50.7	46.7	28.8	25.0	25.8	25.4	26.2	25.7	26.2
Singapore									
Slovakia	6.1	5.5	3.5	5.3	5.9	5.6	4.5	4.1	4.0
Slovenia	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Solomon Islands	13.3	12.5	13.5	19.1	18.4	18.0	17.6	17.0	16.5
Somalia	57.9	58.2	75.6	65.7	60.3	57.8	58.7	57.4	59.5
South Africa	3.9	3.4	3.6	4.8	5.2	5.4	5.5	5.5	6.5
South Sudan									
Spain	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Sri Lanka	16.9	14.7	11.3	8.1	6.8	6.3	5.9	6.0	6.8
Sudan	21.5	18.9	16.5	11.0	11.2	11.8	11.8	12.0	12.3
Suriname	11.8	9.7	7.3	7.6	7.7	8.2	8.4	8.5	8.7
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
Syrian Arab Republic									

TABLE 37.
PREVALENCE OF UNDERNOURISHMENT (PERCENT) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2013–2015	2014–2016	2015–2017	2016–2018	2017–2019	2018–2020
Tajikistan									
Thailand	17.3	11.9	10.0	7.7	7.3	7.5	7.7	7.9	8.2
Timor-Leste	41.5	32.2	32.5	26.8	24.5	24.1	24.0	23.3	22.6
Togo	31.3	27.7	21.2	20.4	20.9	21.6	21.2	20.9	20.4
Tonga									
Trinidad and Tobago	10.0	11.1	9.2	6.5	6.8	6.8	6.8	6.7	6.7
Tunisia	4.4	4.3	3.4	2.7	2.5	<2.5	<2.5	2.5	3.0
Turkey	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Turkmenistan	6.8	4.2	4.5	3.9	3.4	3.4	3.7	3.9	4.1
Tuvalu									
Uganda									
Ukraine	3.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
United Arab Emirates	3.3	8.8	6.3	2.9	2.7	2.9	3.2	3.4	3.7
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	33.0	31.6	29.5	25.3	24.4	24.1	24.1	24.2	25.1
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	3.9	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Uzbekistan	17.9	14.7	5.4	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Vanuatu	7.4	6.3	5.2	6.9	8.1	8.9	9.6	9.5	9.3
Venezuela (Bolivarian Republic of)	14.9	8.4	<2.5	5.0	11.3	16.4	22.2	23.4	27.4
Viet Nam	19.7	15.5	11.0	8.5	8.1	7.8	7.2	6.8	6.7
Yemen	26.7	27.8	26.4	38.6	43.4	46.1	46.6	45.4	45.4
Zambia									
Zimbabwe									

Complete series are available at <http://www.fao.org/faostat/en/#data/FS>

TABLE 38.
PEOPLE UNDERNOURISHED (MILLION)

COUNTRY	2000–2002	2004–2006	2009–2011	2013–2015	2014–2016	2015–2017	2016–2018	2017–2019	2018–2020
World	819.2	804.0	652.3	617.7	613.8	616.6	622.7	632.9	683.9
Africa	199.8	198.4	194.8	199.7	201.4	208.0	217.1	224.9	248.0
Asia	548.1	543.6	407.1	374.0	366.1	359.4	354.3	356.0	378.0
Latin America and the Caribbean	56.9	51.8	41.9	35.3	37.5	40.5	42.9	43.9	49.8
Northern America and Europe									
Oceania	2.1	2.3	2.1	2.3	2.4	2.5	2.5	2.6	2.6
Afghanistan	10.3	9.2	6.9	8.1	7.4	7.8	8.3	8.7	9.7
Albania	0.2	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Algeria	2.5	2.2	1.6	1.1	1.1	1.1	1.1		
Andorra									
Angola	11.4	10.1	5.7	3.8	4.1	4.4	4.6	4.8	5.5
Antigua and Barbuda									
Argentina	1.1	1.4	1.4			1.1	1.4	1.5	1.7
Armenia	0.8	0.4	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1
Australia									
Austria									
Azerbaijan	1.4	0.4							
Bahamas									
Bahrain									
Bangladesh	20.7	19.7	22.4	21.9	21.8	21.0	20.0	17.5	15.9
Barbados	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Belarus									
Belgium									
Belize	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benin	1.2	1.0	0.8	0.8	0.8	0.8	0.8	0.8	0.9
Bhutan									
Bolivia (Plurinational State of)	2.4	2.5	2.0	1.7	1.6	1.4	1.4	1.4	1.5
Bosnia and Herzegovina	0.1								
Botswana	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.7
Brazil	18.9	12.1	7.6	5.2					
Brunei Darussalam	<0.1								
Bulgaria	0.3	0.4	0.3	0.2	0.2	0.3	0.2	0.2	0.2
Burkina Faso	2.7	2.4	2.1	2.1	2.2	2.3	2.4	2.5	2.9
Burundi									
Cabo Verde	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Cambodia	2.9	2.3	1.9	1.5	1.4	1.3	1.2	1.1	1.0
Cameroon	3.6	2.8	1.5	1.2	1.3	1.3	1.4	1.4	1.4
Canada									
Central African Republic	1.5	1.6	1.3	2.2	2.2	2.2	2.1	2.2	2.3
Chad	3.4	3.8	4.3	4.1	3.9	4.2	4.4	4.7	5.1
Chile	0.5	0.5	0.6	0.5	0.5	0.6	0.6	0.6	0.6
China	132.5	95.4							
Colombia	3.5	4.8	5.9	3.4	3.1	3.3	3.5	3.9	4.4
Comoros									

TABLE 38.
PEOPLE UNDERNOURISHED (MILLION) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2013–2015	2014–2016	2015–2017	2016–2018	2017–2019	2018–2020
Congo	0.9	1.2	1.6	1.5	1.7	1.7	1.8	1.9	2.0
Costa Rica	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2
Côte d'Ivoire	3.4	3.7	4.6	4.2	3.8	3.7	3.7	3.7	3.8
Croatia	0.3								
Cuba									
Cyprus	<0.1	<0.1	<0.1	<0.1					
Czechia									
Democratic People's Republic of Korea	8.2	8.1	10.5	10.2	10.1	10.4	10.9	10.9	10.9
Democratic Republic of the Congo	18.5	21.1	25.1	30.0	30.6	31.5	32.7	34.0	36.2
Denmark									
Djibouti	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Dominica	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dominican Republic	1.8	1.7	1.2	0.8	0.8	0.7	0.7	0.7	0.9
Ecuador	2.7	3.1	1.8	1.4	1.5	1.6	1.8	1.9	2.2
Egypt	3.7	4.9	4.4	4.2	4.1	4.3	4.7	5.0	5.4
El Salvador	0.4	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.5
Equatorial Guinea									
Eritrea									
Estonia	<0.1								
Eswatini	0.1	<0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Ethiopia	32.0	28.3	24.2	17.4	14.9	14.3	14.9	15.7	18.2
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	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Gambia	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3
Georgia	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
Germany									
Ghana	2.9	2.5	1.6	2.0	2.1	2.2	2.1	1.9	1.8
Greece									
Grenada									
Guatemala	2.6	2.5	2.4	2.8	2.8	2.7	2.8	2.8	2.9
Guinea									
Guinea-Bissau									
Guyana	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Haiti	4.6	5.1	4.7	4.9	4.9	5.1	5.3	5.3	5.3
Honduras	1.5	1.7	1.3	1.3	1.3	1.3	1.2	1.3	1.3
Hungary									
Iceland									
India	198.3	247.8	197.2	193.3	192.3	187.6	184.9	189.9	208.6
Indonesia	41.1	43.5	31.3	19.6	18.2	17.7	16.8	17.2	17.6
Iran (Islamic Republic of)	3.2	3.6	4.4	3.8	3.7	3.9	4.2	4.4	4.6
Iraq	5.4	6.4	9.4	12.6	13.4	14.1	14.2	14.4	14.7

TABLE 38.
PEOPLE UNDERNOURISHED (MILLION) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2013–2015	2014–2016	2015–2017	2016–2018	2017–2019	2018–2020
Ireland									
Israel									
Italy									
Jamaica	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2
Japan			3.4						
Jordan	0.5	0.3	0.5	0.6	0.6	0.7	0.8	0.8	1.0
Kazakhstan	1.0	1.1	0.6				0.5	0.5	
Kenya	10.6	10.4	10.2	9.8	10.3	11.4	12.4	12.5	13.0
Kiribati	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Kuwait	<0.1								
Kyrgyzstan	0.8	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0.5
Lao People's Democratic Republic	1.7	1.3	1.0	0.6	0.5	0.4	0.4	0.4	0.4
Latvia	0.1								
Lebanon	0.3	0.5	0.5	0.6	0.4	0.4	0.5	0.5	0.6
Lesotho	0.4	0.3	0.2	0.4	0.6	0.6	0.5	0.4	0.5
Liberia	1.1	1.2	1.3	1.6	1.6	1.7	1.7	1.8	1.9
Libya									
Lithuania									
Luxembourg									
Madagascar	5.5	6.1	6.1	8.9	9.7	10.3	10.8	11.2	11.7
Malawi	2.7	2.8	2.4	2.6	2.7	2.8	2.9	3.1	3.2
Malaysia	0.6	0.8	0.9	1.0	1.1	1.1	1.1	1.0	1.0
Maldives									
Mali	1.8	1.7	0.9	0.8	0.9	0.9	1.2	1.5	2.0
Malta									
Marshall Islands									
Mauritania	0.2	0.3	0.3	0.3	0.3	0.4	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	3.3	4.7	5.7	5.3	6.1	7.1	7.7	7.8	9.2
Micronesia (Federated States of)									
Mongolia	0.8	0.7	0.5	0.3	0.3	0.2	0.2	0.2	0.1
Montenegro	<0.1	<0.1							
Morocco	1.8	1.7	1.8	1.4	1.3	1.3	1.3	1.3	1.5
Mozambique	6.7	6.8	5.7	6.8	8.0	8.8	9.0	9.1	9.5
Myanmar	17.7	13.6	6.6	5.1	4.7	4.5	4.3	4.2	4.1
Namibia	0.2	0.4	0.7	0.5	0.5	0.5	0.5	0.5	0.5
Nauru									
Nepal	5.7	4.3	2.8	1.7	1.4	1.2	1.2	1.2	1.4
Netherlands									
New Zealand									
Nicaragua	1.4	1.3	1.2	1.1	1.2	1.1	1.1	1.2	1.3
Niger									
Nigeria	11.2	9.9	12.4	16.5	16.6	17.5	19.2	21.0	29.4
North Macedonia	0.2	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

TABLE 38.
PEOPLE UNDERNOURISHED (MILLION) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2013–2015	2014–2016	2015–2017	2016–2018	2017–2019	2018–2020
Norway									
Oman	0.3	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4
Pakistan	30.8	28.2	28.6	27.1	25.5	25.2	25.2	25.8	27.9
Palau									
Panama	0.8	0.7	0.4	0.3	0.3	0.3	0.3	0.3	0.3
Papua New Guinea	1.6	1.8	1.7	1.9	2.0	2.1	2.1	2.1	2.2
Paraguay	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.7
Peru	5.8	5.2	2.5	1.6	1.8	2.1	2.4	2.5	2.8
Philippines	14.9	12.9	12.6	13.9	13.6	12.5	11.4	10.3	10.1
Poland									
Portugal									
Qatar									
Republic of Korea									
Republic of Moldova									
Romania									
Russian Federation	5.9								
Rwanda	3.2	3.1	3.1	3.9	4.0	4.1	4.1	4.2	4.4
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	1.0	1.1	1.6	1.3	1.2	1.2	1.2	1.3	1.3
Senegal	2.4	1.9	1.4	1.6	1.4	1.3	1.2	1.2	1.2
Serbia	0.3			0.3	0.4	0.4	0.4	0.3	0.3
Seychelles									
Sierra Leone	2.4	2.6	1.8	1.8	1.9	1.9	2.0	2.0	2.0
Singapore									
Slovakia	0.3	0.3	0.2	0.3	0.3	0.3	0.2	0.2	0.2
Slovenia									
Solomon Islands	<0.1	<0.1	<0.1	0.1	0.1	0.1	0.1	0.1	0.1
Somalia	5.3	6.1	9.1	8.8	8.3	8.2	8.6	8.6	9.2
South Africa	1.8	1.6	1.8	2.6	2.9	3.0	3.1	3.2	3.8
South Sudan									
Spain									
Sri Lanka	3.2	2.9	2.3	1.7	1.4	1.3	1.3	1.3	1.4
Sudan	6.0	5.8	5.7	4.2	4.4	4.7	4.8	5.0	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									
Tajikistan									
Thailand	11.0	7.8	6.7	5.3	5.0	5.1	5.4	5.5	5.7

TABLE 38.
PEOPLE UNDERNOURISHED (MILLION) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2013–2015	2014–2016	2015–2017	2016–2018	2017–2019	2018–2020
Timor-Leste	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3
Togo	1.6	1.6	1.4	1.5	1.5	1.6	1.6	1.6	1.7
Tonga									
Trinidad and Tobago	0.1	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Tunisia	0.4	0.4	0.4	0.3	0.3			0.3	0.3
Turkey									
Turkmenistan	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Tuvalu									
Uganda									
Ukraine	1.4								
United Arab Emirates	0.1	0.4	0.5	0.3	0.3	0.3	0.3	0.3	0.4
United Kingdom of Great Britain and Northern Ireland									
United Republic of Tanzania	11.3	12.1	13.1	12.6	12.5	12.8	13.2	13.6	14.5
United States of America									
Uruguay	0.1	0.1							
Uzbekistan	4.5	3.9	1.6						
Vanuatu	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Venezuela (Bolivarian Republic of)	3.7	2.2		1.5	3.4	4.9	6.5	6.8	7.8
Viet Nam	15.9	13.0	9.7	7.8	7.5	7.3	6.8	6.5	6.5
Yemen	4.8	5.6	6.1	10.0	11.5	12.5	13.0	12.9	13.2
Zambia									
Zimbabwe									

Complete series are available at <http://www.fao.org/faostat/en/#data/FS>

TABLE 39.
FOOD INSECURITY LEVELS (PERCENT)

COUNTRY	PREVALENCE OF SEVERE FOOD INSECURITY				PREVALENCE OF MODERATE OR SEVERE FOOD INSECURITY			
	2014–2016	2016–2018	2017–2019	2018–2020	2014–2016	2016–2018	2017–2019	2018–2020
World	8.2	8.9	9.5	10.5	23.0	24.8	25.8	27.6
Africa	18.6	20.3	21.0	22.8	48.8	52.0	53.1	55.5
Asia	7.3	7.6	8.3	9.3	19.0	20.5	21.7	23.6
Latin America and the Caribbean	8.1	9.5	9.9	11.3	27.9	32.0	32.3	34.8
Northern America and Europe	1.3	1.1	1.1	1.1	9.1	8.2	7.9	8.0
Oceania	2.8	3.7	3.9	3.4	11.1	13.2	13.7	12.9
Afghanistan	14.8	17.3	17.3	19.8	45.1	54.3	57.5	63.1
Albania	10.0	11.0	10.0	8.8	38.8	38.6	37.1	33.8
Algeria	13.0	11.4	9.3	6.9	22.9	19.7	17.6	17.6
Andorra								
Angola	21.0		24.0	26.9	66.5		70.1	73.5
Antigua and Barbuda								
Argentina	5.8	11.2	12.9	12.6	19.2	32.3	35.8	35.8
Armenia		1.2	1.1	1.1		17.1	14.8	12.7
Australia	2.8	3.6	3.8	3.3	10.8	12.7	13.3	12.3
Austria	1.1	1.1	1.1	0.9	5.5	4.4	3.6	3.0
Azerbaijan	<0.5	<0.5	<0.5	<0.5	5.9	8.6	9.6	8.9
Bahamas								
Bahrain								
Bangladesh	13.3	11.6	10.6	10.5	32.2	31.5	31.5	31.9
Barbados								
Belarus								
Belgium				1.1				3.7
Belize								
Benin								
Bhutan								
Bolivia (Plurinational State of)								
Bosnia and Herzegovina	1.5	1.3	1.5	2.0	9.6	8.7	9.2	10.0
Botswana	19.6	20.9	21.5	22.2	45.9	48.3	49.5	50.8
Brazil	1.9	1.7	1.6	3.5	18.3	21.8	20.6	23.5
Brunei Darussalam								
Bulgaria	1.9	2.1	1.9	2.4	14.9	12.0	12.5	13.2
Burkina Faso	10.0	11.7	12.6	15.4	41.8	42.9	42.8	47.9
Burundi								
Cabo Verde			8.6	7.6			36.4	35.1
Cambodia	16.9	14.0	13.6	13.4	48.9	44.9	44.1	44.8
Cameroon				26.7				55.8
Canada	0.6	0.6	0.7	0.9	5.0	5.0	5.1	5.8
Central African Republic				61.8				81.3
Chad								
Chile	2.9	3.4	3.6	4.3	10.8	13.7	15.3	17.9
China								
Colombia								

TABLE 39.
FOOD INSECURITY LEVELS (PERCENT) (CONTINUED)

COUNTRY	PREVALENCE OF SEVERE FOOD INSECURITY				PREVALENCE OF MODERATE OR SEVERE FOOD INSECURITY			
	2014–2016	2016–2018	2017–2019	2018–2020	2014–2016	2016–2018	2017–2019	2018–2020
Comoros								
Congo	42.6	49.7	51.1	51.7	82.0	87.9	88.2	88.3
Costa Rica	1.8	2.2	2.4	2.6	12.2	13.7	14.5	15.3
Côte d'Ivoire								
Croatia	0.6	0.8	0.9	1.3	6.5	7.8	10.0	11.0
Cuba								
Cyprus								
Czechia	0.7	<0.5	<0.5	0.8	5.8	3.9	3.8	4.2
Democratic People's Republic of Korea								
Democratic Republic of the Congo				38.5				69.2
Denmark	1.0	1.1	1.1	1.1	5.9	5.4	5.2	5.0
Djibouti								
Dominica								
Dominican Republic								
Ecuador	6.0	8.4	9.9	11.6	20.7	26.2	29.2	32.7
Egypt	8.4	8.6	7.4	6.7	27.8	33.1	31.2	27.8
El Salvador	13.8	14.0	14.6	13.8	42.2	41.6	42.2	47.1
Equatorial Guinea								
Eritrea								
Estonia	0.9	1.0	0.9	0.8	9.5	8.2	7.4	7.9
Eswatini	29.4	29.4	30.0	30.8	62.6	62.6	63.3	64.1
Ethiopia	14.5	14.8	14.1	16.4	56.2	59.4	57.9	56.3
Fiji			2.0	2.0			14.3	14.3
Finland	2.4	2.1	2.0	1.9	9.3	8.3	7.7	8.0
France	1.6	0.9	0.7	0.7	6.8	6.3	6.0	5.8
Gabon								
Gambia	23.6	23.6	24.6	25.7	52.7	52.7	54.3	56.0
Georgia	7.0	7.5	7.3	9.5	31.8	35.5	38.3	39.7
Germany	1.0	0.7	0.7	0.7	4.1	3.6	3.5	3.4
Ghana	7.6	8.1	8.3	8.6	49.3	49.8	50.0	50.2
Greece	2.6	3.2	2.3	1.7	15.8	16.6	13.3	8.6
Grenada								
Guatemala	16.1	17.1	18.1	19.2	42.7	43.5	45.2	49.7
Guinea	44.3	49.7	49.7	49.7	72.5	74.1	74.1	74.1
Guinea-Bissau								
Guyana								
Haiti								
Honduras	14.2	14.1	14.0	14.6	41.6	41.1	40.9	45.6
Hungary	1.4	0.9	0.8	1.4	11.3	8.8	6.9	8.6
Iceland	1.7	1.5	1.5	1.5	6.4	6.8	7.2	6.6
India								
Indonesia	0.7	0.9	0.8	0.7	6.0	7.6	7.0	6.2
Iran (Islamic Republic of)	9.5	8.7	8.4	8.7	48.0	42.4	40.6	42.5

TABLE 39.
FOOD INSECURITY LEVELS (PERCENT) (CONTINUED)

COUNTRY	PREVALENCE OF SEVERE FOOD INSECURITY				PREVALENCE OF MODERATE OR SEVERE FOOD INSECURITY			
	2014–2016	2016–2018	2017–2019	2018–2020	2014–2016	2016–2018	2017–2019	2018–2020
Iraq								
Ireland	3.4	2.9	3.5	4.3	8.9	6.6	7.2	8.3
Israel	1.3	1.6	1.7	1.9	11.0	12.3	12.9	13.7
Italy	1.2	1.1	1.1	1.2	8.6	7.5	7.2	6.7
Jamaica								
Japan	<0.5	0.5	0.7	0.7	2.6	3.2	3.2	3.4
Jordan								
Kazakhstan		<0.5	<0.5	<0.5		2.1	2.1	2.3
Kenya	17.3	21.2	23.3	25.7	53.0	60.4	64.3	68.5
Kiribati			8.0	7.9			40.9	40.9
Kuwait	4.9	4.9	4.9	4.9	12.6	12.3	12.3	12.2
Kyrgyzstan		0.8	0.8	1.1		6.3	6.3	7.0
Lao People's Democratic Republic				8.9				29.4
Latvia	0.6	0.6	0.6	0.7	9.9	9.4	9.5	10.2
Lebanon								
Lesotho				27.0				49.7
Liberia				37.3				80.6
Libya	11.2	14.3	16.7	18.6	29.1	33.2	35.7	37.4
Lithuania	2.5	1.6	1.1	1.7	15.3	12.3	10.7	11.3
Luxembourg	1.8	0.9	0.9	0.8	4.7	3.3	3.3	3.1
Madagascar								
Malawi	51.8	51.6	51.5	51.4	81.9	81.8	81.8	81.8
Malaysia	7.8	6.7	6.7	7.5	17.4	15.1	15.1	18.7
Maldives								
Mali								
Malta	1.5	1.0	0.8	0.9	5.9	5.1	4.4	4.3
Marshall Islands								
Mauritania	4.6	5.5	5.9	6.5	26.3	32.3	35.9	39.8
Mauritius	5.2	6.3	6.8	8.3	13.0	18.5	20.7	24.2
Mexico	3.6	3.3	3.7	5.8	25.6	23.0	23.0	26.1
Micronesia (Federated States of)								
Mongolia	3.4	5.9	5.9	4.9	21.0	27.1	27.5	26.2
Montenegro	2.1	2.3	2.2	2.8	12.6	12.0	12.9	13.5
Morocco							26.7	28.0
Mozambique			40.7	40.5			68.4	71.1
Myanmar				1.9				22.2
Namibia	28.9	30.5	31.3	32.1	53.2	55.3	56.4	57.6
Nauru								
Nepal	10.4	9.6	10.3	12.0	29.5	31.6	33.8	36.4
Netherlands	1.5	1.5	1.7	1.4	5.7	5.1	5.1	4.7
New Zealand	2.8	4.2	4.4	3.9	10.0	13.3	13.9	14.0
Nicaragua								
Niger								

TABLE 39.
FOOD INSECURITY LEVELS (PERCENT) (CONTINUED)

COUNTRY	PREVALENCE OF SEVERE FOOD INSECURITY				PREVALENCE OF MODERATE OR SEVERE FOOD INSECURITY			
	2014–2016	2016–2018	2017–2019	2018–2020	2014–2016	2016–2018	2017–2019	2018–2020
Nigeria	6.6	12.1	14.8	21.4	36.5	43.6	47.1	57.7
North Macedonia	3.6	3.1	3.2	5.0	15.1	14.3	14.4	17.7
Norway	1.1	1.1	1.1	1.0	4.8	4.8	4.8	4.1
Oman								
Pakistan								
Palau								
Panama								
Papua New Guinea								
Paraguay								
Peru	13.5	16.6	18.0	19.2	37.2	42.9	44.9	47.8
Philippines	3.2		3.2	4.0	41.2		41.2	42.7
Poland	1.8	0.7	0.5	<0.5	8.9	5.3	4.3	5.8
Portugal	4.1	3.2	2.9	3.2	14.7	11.6	10.7	11.5
Qatar								
Republic of Korea	<0.5	0.5	<0.5	0.6	4.8	5.4	5.2	5.1
Republic of Moldova	1.6	2.9	4.0	4.5	19.3	24.6	27.5	27.2
Romania	5.6	4.0	3.4	3.4	19.3	14.7	14.5	13.9
Russian Federation	0.7	0.6	0.5	<0.5	8.2	7.9	7.1	6.0
Rwanda								
Saint Kitts and Nevis								
Saint Lucia	4.5	4.5			22.2	22.2		
Saint Vincent and the Grenadines								
Samoa		3.4	3.4	3.4		23.6	23.6	23.6
San Marino								
Sao Tome and Principe								
Saudi Arabia								
Senegal	14.5	12.5	13.9	13.6	39.3	38.0	39.7	40.9
Serbia	1.7	1.9	2.0	2.6	11.4	12.5	12.4	12.0
Seychelles	3.2	3.2		3.3	14.3	14.3		14.7
Sierra Leone	30.4	31.2	31.5	31.8	78.4	79.9	80.6	83.9
Singapore	1.0	1.4	1.4	0.9	2.8	4.1	4.7	4.5
Slovakia	1.1	0.9	0.8	1.1	6.2	5.0	5.0	6.0
Slovenia	0.9	0.6	0.5	<0.5	12.3	11.2	10.2	8.2
Solomon Islands								
Somalia				43.0				79.1
South Africa	18.0			19.3	42.9			44.9
South Sudan	65.4	65.4	63.7	62.0	85.1	85.1	84.9	84.8
Spain	1.1	1.4	1.8	1.8	7.1	7.5	8.6	8.8
Sri Lanka								
Sudan	13.4	15.4	16.4	16.8	41.4	46.4	48.9	49.4
Suriname								
Sweden	0.8	1.0	1.2	1.2	4.5	5.4	5.7	5.3
Switzerland	1.5	0.8	0.7	<0.5	4.8	3.1	2.6	2.0

TABLE 39.
FOOD INSECURITY LEVELS (PERCENT) (CONTINUED)

COUNTRY	PREVALENCE OF SEVERE FOOD INSECURITY				PREVALENCE OF MODERATE OR SEVERE FOOD INSECURITY			
	2014–2016	2016–2018	2017–2019	2018–2020	2014–2016	2016–2018	2017–2019	2018–2020
Syrian Arab Republic								
Tajikistan								
Thailand	4.2	7.2	7.7	8.5	15.1	24.8	26.4	29.8
Timor-Leste								
Togo								
Tonga			6.0	6.0			23.2	23.2
Trinidad and Tobago								
Tunisia	9.1	9.1	9.7	10.7	18.2	20.0	22.1	25.1
Turkey								
Turkmenistan								
Tuvalu								
Uganda	17.5	19.5	20.6	21.7	58.0	63.4	66.3	69.2
Ukraine	2.0	2.0	1.6	2.5				
United Arab Emirates								
United Kingdom of Great Britain and Northern Ireland	1.9	1.7	1.3	0.7	6.3	5.6	4.9	3.9
United Republic of Tanzania		23.8	23.8	24.7		55.0	55.0	56.4
United States of America	1.1	0.9	0.8	0.8	10.5	8.9	8.4	8.0
Uruguay	6.8	7.4	6.4	6.7	21.6	25.1	23.2	23.5
Uzbekistan	1.9	2.2	2.8	4.0	11.2	14.9	17.2	19.7
Vanuatu			2.4	2.4			23.3	23.3
Venezuela (Bolivarian Republic of)								
Viet Nam		<0.5	<0.5	0.5		6.2	6.2	6.5
Yemen								
Zambia	21.8	22.5	22.8	23.2	48.8	50.1	50.8	51.4
Zimbabwe	35.5	35.9	34.2	32.1	64.7	67.0	66.7	69.8

Complete series are available at <http://www.fao.org/faostat/en/#data/FS>

TABLE 40.
AVERAGE DIETARY ENERGY SUPPLY (KCAL PER CAPITA PER DAY)

COUNTRY	2000–2002	2004–2006	2009–2011	2013–2015	2014–2016	2015–2017	2016–2018	2017–2019	2018–2020
World	2 711	2 742	2 831	2 894	2 911	2 923	2 934	2 945	2 950
Africa	2 406	2 465	2 531	2 572	2 582	2 578	2 573	2 572	2 566
Asia	2 561	2 580	2 718	2 813	2 839	2 860	2 878	2 897	2 908
Latin America and the Caribbean	2 823	2 897	2 971	3 028	3 031	3 020	3 023	3 027	3 024
Northern America and Europe	3 425	3 493	3 468	3 470	3 472	3 486	3 499	3 511	3 519
Oceania	2 882	2 924	2 999	3 059	3 078	3 077	3 078	3 071	3 063
Afghanistan	1 761	1 901	2 072	2 176	2 247	2 260	2 266	2 281	2 277
Albania	2 940	2 943	3 276	3 345	3 308	3 350	3 377	3 383	3 395
Algeria	2 938	3 071	3 245	3 419	3 428	3 414	3 402	3 420	3 451
Andorra									
Angola	1 569	1 767	2 234	2 464	2 456	2 432	2 433	2 446	2 440
Antigua and Barbuda	2 150	2 288	2 308	2 394	2 403	2 418	2 432	2 445	2 442
Argentina	3 147	3 064	3 108	3 241	3 266	3 274	3 274	3 283	3 273
Armenia	2 251	2 690	2 873	3 055	3 069	3 070	3 040	3 024	3 002
Australia	3 085	3 155	3 254	3 363	3 405	3 405	3 404	3 388	3 371
Austria	3 680	3 648	3 722	3 692	3 664	3 669	3 680	3 699	3 710
Azerbaijan	2 371	2 837	3 022	3 104	3 089	3 104	3 123	3 147	3 155
Bahamas	2 760	2 678	2 633	2 662	2 623	2 626	2 641	2 651	2 652
Bahrain									
Bangladesh	2 383	2 445	2 447	2 487	2 497	2 518	2 542	2 591	2 627
Barbados	2 771	2 804	2 885	2 935	2 932	2 932	2 934	2 940	2 953
Belarus	3 039	3 022	3 262	3 249	3 253	3 257	3 285	3 308	3 304
Belgium	3 727	3 705	3 707	3 770	3 789	3 782	3 770	3 776	3 784
Belize	2 638	2 681	2 668	2 649	2 661	2 689	2 722	2 753	2 772
Benin	2 355	2 509	2 659	2 722	2 735	2 741	2 751	2 750	2 737
Bhutan									
Bolivia (Plurinational State of)	2 108	2 133	2 257	2 358	2 393	2 430	2 454	2 460	2 466
Bosnia and Herzegovina	2 956	3 141	3 225	3 292	3 256	3 281	3 294	3 308	3 341
Botswana	2 251	2 270	2 217	2 349	2 381	2 367	2 353	2 350	2 367
Brazil	2 896	3 085	3 219	3 268	3 261	3 244	3 262	3 278	3 274
Brunei Darussalam	2 859	3 006	2 998	3 095	3 099	3 099	3 101	3 106	3 114
Bulgaria	2 804	2 747	2 758	2 806	2 812	2 799	2 832	2 850	2 866
Burkina Faso	2 355	2 509	2 654	2 742	2 747	2 738	2 737	2 732	2 730
Burundi									
Cabo Verde	2 430	2 601	2 526	2 528	2 521	2 521	2 531	2 545	2 568
Cambodia	2 196	2 341	2 453	2 595	2 623	2 631	2 657	2 683	2 709
Cameroon	2 218	2 357	2 623	2 727	2 733	2 733	2 737	2 747	2 774
Canada	3 513	3 498	3 451	3 438	3 443	3 472	3 521	3 570	3 623
Central African Republic	1 979	1 976	2 153	1 863	1 842	1 862	1 900	1 896	1 880
Chad	1 965	2 010	2 082	2 226	2 281	2 288	2 300	2 290	2 272
Chile	2 890	2 955	2 936	2 992	2 999	3 003	3 019	3 022	3 016
China	2 800	2 850	3 055	3 195	3 239	3 270	3 288	3 313	3 326
Colombia	2 813	2 795	2 725	2 934	2 949	2 914	2 889	2 854	2 872

TABLE 40.
AVERAGE DIETARY ENERGY SUPPLY (KCAL PER CAPITA PER DAY) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2013–2015	2014–2016	2015–2017	2016–2018	2017–2019	2018–2020
Comoros	2 111	2 305	2 268	2 283	2 277	2 287	2 275	2 249	2 217
Congo	2 214	2 101	2 035	2 096	2 060	2 067	2 065	2 068	2 069
Costa Rica	2 774	2 838	2 915	2 904	2 921	2 961	3 005	3 021	3 025
Côte d'Ivoire	2 565	2 624	2 559	2 698	2 780	2 827	2 851	2 857	2 862
Croatia	2 728	3 005	3 015	3 030	3 050	3 079	3 088	3 076	3 087
Cuba	3 090	3 295	3 240	3 370	3 377	3 400	3 397	3 369	3 340
Cyprus	2 657	2 586	2 643	2 896	3 027	3 041	3 031	3 031	3 032
Czechia	3 151	3 297	3 273	3 203	3 186	3 211	3 263	3 282	3 291
Democratic People's Republic of Korea	2 133	2 167	2 062	2 099	2 105	2 093	2 069	2 073	2 075
Democratic Republic of the Congo	1 935	1 935	1 933	1 908	1 917	1 921	1 918	1 918	1 902
Denmark	3 338	3 398	3 359	3 350	3 355	3 369	3 388	3 406	3 415
Djibouti	2 013	2 221	2 460	2 607	2 625	2 652	2 663	2 678	2 676
Dominica	3 041	2 936	2 999	2 982	2 989	2 992	2 972	2 957	2 948
Dominican Republic	2 308	2 366	2 578	2 740	2 784	2 818	2 866	2 883	2 889
Ecuador	2 223	2 226	2 504	2 599	2 597	2 578	2 555	2 558	2 558
Egypt†	3 261	3 189	3 300	3 349	3 370	3 356	3 323	3 300	3 267
El Salvador	2 629	2 580	2 556	2 592	2 597	2 622	2 660	2 684	2 693
Equatorial Guinea									
Eritrea									
Estonia	2 971	3 077	3 232	3 184	3 174	3 150	3 176	3 217	3 261
Eswatini	2 492	2 561	2 319	2 455	2 478	2 477	2 502	2 526	2 554
Ethiopia	1 814	1 938	2 107	2 346	2 426	2 462	2 465	2 458	2 451
Fiji	2 872	2 932	2 922	2 843	2 754	2 761	2 761	2 791	2 809
Finland	3 150	3 201	3 273	3 337	3 330	3 335	3 339	3 347	3 356
France	3 647	3 553	3 546	3 467	3 477	3 510	3 514	3 511	3 516
Gabon	2 678	2 679	2 617	2 703	2 730	2 692	2 654	2 644	2 661
Gambia	2 348	2 265	2 495	2 538	2 560	2 544	2 540	2 531	2 516
Georgia	2 882	3 103	3 067	2 910	2 811	2 806	2 812	2 819	2 840
Germany	3 463	3 536	3 613	3 558	3 555	3 555	3 551	3 557	3 569
Ghana	2 517	2 698	2 972	2 946	2 934	2 942	2 979	3 033	3 067
Greece	3 578	3 543	3 526	3 452	3 390	3 368	3 364	3 386	3 396
Grenada	2 245	2 345	2 393	2 381	2 393	2 392	2 399	2 389	2 399
Guatemala	2 163	2 299	2 424	2 441	2 462	2 497	2 511	2 532	2 538
Guinea	2 483	2 585	2 601	2 683	2 726	2 733	2 764	2 803	2 827
Guinea-Bissau	2 403	2 390	2 418	2 238	2 184	2 204	2 221	2 225	2 214
Guyana	2 748	2 731	2 761	2 848	2 815	2 836	2 860	2 893	2 910
Haiti	1 943	1 918	2 113	2 161	2 172	2 160	2 132	2 137	2 139
Honduras	2 293	2 313	2 542	2 616	2 621	2 644	2 666	2 673	2 677
Hungary	3 114	3 250	3 115	3 135	3 194	3 254	3 285	3 314	3 330
Iceland	3 184	3 358	3 340	3 475	3 529	3 593	3 626	3 667	3 692
India	2 298	2 246	2 390	2 470	2 487	2 511	2 541	2 563	2 576
Indonesia	2 409	2 454	2 638	2 820	2 868	2 894	2 919	2 914	2 908
Iran (Islamic Republic of)	3 054	3 071	3 015	3 083	3 098	3 073	3 042	3 010	2 997

TABLE 40.
AVERAGE DIETARY ENERGY SUPPLY (KCAL PER CAPITA PER DAY) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2013–2015	2014–2016	2015–2017	2016–2018	2017–2019	2018–2020
Iraq	2 263	2 406	2 323	2 209	2 195	2 190	2 214	2 235	2 238
Ireland	3 699	3 531	3 524	3 660	3 705	3 766	3 822	3 876	3 901
Israel	3 660	3 667	3 566	3 564	3 534	3 531	3 537	3 544	3 537
Italy	3 686	3 631	3 654	3 532	3 480	3 477	3 484	3 501	3 517
Jamaica	2 702	2 733	2 692	2 710	2 714	2 728	2 745	2 779	2 789
Japan	2 841	2 786	2 665	2 707	2 705	2 702	2 704	2 713	2 716
Jordan	2 626	2 846	2 764	2 787	2 830	2 788	2 752	2 732	2 723
Kazakhstan	2 809	2 962	3 101	3 186	3 177	3 149	3 095	3 098	3 130
Kenya	2 001	2 067	2 113	2 178	2 176	2 159	2 151	2 175	2 203
Kiribati	2 809	2 828	2 826	3 027	3 095	3 088	3 078	3 092	3 110
Kuwait	3 261	3 591	3 462	3 427	3 457	3 449	3 451	3 459	3 460
Kyrgyzstan	2 459	2 700	2 719	2 716	2 694	2 693	2 700	2 724	2 734
Lao People's Democratic Republic	2 138	2 257	2 369	2 606	2 690	2 733	2 754	2 769	2 773
Latvia	2 877	3 109	3 112	3 187	3 202	3 205	3 223	3 231	3 242
Lebanon	2 768	2 669	2 744	2 803	2 935	2 914	2 890	2 867	2 848
Lesotho	2 289	2 475	2 580	2 377	2 195	2 237	2 280	2 369	2 308
Liberia	2 106	2 157	2 207	2 165	2 186	2 192	2 190	2 174	2 147
Libya									
Lithuania	3 222	3 371	3 345	3 398	3 389	3 401	3 411	3 422	3 425
Luxembourg	3 482	3 500	3 519	3 473	3 475	3 466	3 466	3 473	3 479
Madagascar	1 978	2 036	2 080	1 964	1 931	1 914	1 906	1 905	1 899
Malawi	2 240	2 262	2 484	2 572	2 597	2 613	2 611	2 610	2 598
Malaysia	2 836	2 826	2 875	2 878	2 842	2 857	2 850	2 862	2 860
Maldives	2 396	2 265	2 393	2 358	2 400	2 356	2 298	2 247	2 239
Mali	2 327	2 423	2 782	2 850	2 848	2 861	2 875	2 884	2 878
Malta	3 446	3 456	3 462	3 413	3 407	3 414	3 412	3 432	3 434
Marshall Islands									
Mauritania	2 717	2 714	2 879	2 896	2 869	2 860	2 860	2 867	2 866
Mauritius	2 933	2 995	3 069	3 040	3 030	3 029	3 032	3 057	3 083
Mexico	3 229	3 219	3 117	3 125	3 152	3 162	3 169	3 167	3 160
Micronesia (Federated States of)									
Mongolia	2 207	2 257	2 437	2 607	2 702	2 727	2 772	2 811	2 873
Montenegro	2 624	2 890	3 453	3 417	3 422	3 462	3 490	3 512	3 537
Morocco	3 099	3 211	3 241	3 370	3 400	3 390	3 399	3 394	3 402
Mozambique	2 067	2 121	2 263	2 190	2 108	2 074	2 078	2 089	2 089
Myanmar	2 025	2 200	2 581	2 730	2 771	2 796	2 818	2 836	2 851
Namibia	2 374	2 349	2 128	2 345	2 415	2 448	2 461	2 476	2 495
Nauru									
Nepal	2 206	2 343	2 531	2 737	2 805	2 855	2 882	2 883	2 885
Netherlands	3 242	3 201	3 197	3 221	3 231	3 250	3 269	3 295	3 311
New Zealand	3 136	3 162	3 138	3 143	3 151	3 155	3 168	3 183	3 196
Nicaragua	2 256	2 398	2 509	2 567	2 558	2 596	2 613	2 601	2 579
Niger	2 255	2 366	2 499	2 546	2 570	2 592	2 619	2 624	2 628

TABLE 40.
AVERAGE DIETARY ENERGY SUPPLY (KCAL PER CAPITA PER DAY) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2013–2015	2014–2016	2015–2017	2016–2018	2017–2019	2018–2020
Nigeria	2 621	2 709	2 673	2 612	2 621	2 613	2 598	2 583	2 573
North Macedonia	2 729	2 867	2 999	2 983	2 992	3 010	3 034	3 063	3 104
Norway	3 412	3 475	3 483	3 449	3 431	3 402	3 385	3 375	3 369
Oman	2 573	2 718	2 829	2 988	2 939	2 923	2 921	2 936	2 930
Pakistan	2 334	2 325	2 363	2 410	2 440	2 452	2 459	2 466	2 478
Palau									
Panama	2 268	2 335	2 606	2 756	2 772	2 801	2 830	2 846	2 848
Papua New Guinea	2 121	2 111	2 211	2 205	2 187	2 187	2 192	2 200	2 207
Paraguay	2 652	2 661	2 659	2 740	2 744	2 738	2 746	2 762	2 762
Peru	2 304	2 366	2 595	2 745	2 758	2 763	2 770	2 780	2 792
Philippines	2 374	2 468	2 556	2 550	2 572	2 619	2 672	2 731	2 770
Poland	3 404	3 352	3 413	3 414	3 412	3 442	3 497	3 532	3 552
Portugal	3 542	3 529	3 494	3 445	3 398	3 409	3 423	3 464	3 494
Qatar									
Republic of Korea	2 987	2 998	3 206	3 312	3 341	3 359	3 385	3 425	3 465
Republic of Moldova	2 440	2 387	2 353	2 329	2 351	2 373	2 394	2 402	2 408
Romania	3 280	3 504	3 572	3 504	3 472	3 516	3 552	3 577	3 596
Russian Federation	2 958	3 194	3 303	3 348	3 352	3 352	3 350	3 365	3 374
Rwanda	2 080	2 152	2 245	2 193	2 194	2 207	2 216	2 220	2 210
Saint Kitts and Nevis	2 619	2 545	2 650	2 567	2 587	2 665	2 685	2 635	2 579
Saint Lucia	2 674	2 673	2 631	2 628	2 615	2 622	2 625	2 623	2 615
Saint Vincent and the Grenadines	2 544	2 774	2 925	2 954	2 945	2 954	2 964	2 969	2 965
Samoa	2 812	2 882	2 891	2 965	2 982	3 004	3 023	3 047	3 061
San Marino									
Sao Tome and Principe	2 362	2 495	2 347	2 386	2 388	2 396	2 422	2 428	2 430
Saudi Arabia	3 030	3 102	3 059	3 230	3 292	3 300	3 306	3 303	3 308
Senegal	2 178	2 302	2 440	2 434	2 485	2 529	2 568	2 590	2 592
Serbia	2 855	2 943	2 939	2 836	2 803	2 807	2 819	2 836	2 857
Seychelles	2 934	2 995	3 069	3 040	3 030	3 029	3 032	3 057	3 083
Sierra Leone	1 817	1 893	2 228	2 320	2 307	2 323	2 312	2 328	2 325
Singapore									
Slovakia	2 781	2 826	2 944	2 833	2 790	2 803	2 854	2 873	2 883
Slovenia	3 067	3 124	3 189	3 183	3 177	3 173	3 182	3 197	3 205
Solomon Islands	2 351	2 426	2 467	2 366	2 384	2 394	2 407	2 424	2 440
Somalia	1 718	1 718	1 479	1 630	1 705	1 739	1 729	1 747	1 722
South Africa	2 897	2 960	2 971	2 931	2 915	2 905	2 902	2 899	2 887
South Sudan									
Spain	3 305	3 184	3 144	3 177	3 210	3 257	3 299	3 322	3 335
Sri Lanka	2 350	2 406	2 498	2 615	2 670	2 697	2 724	2 731	2 736
Sudan	2 284	2 348	2 411	2 590	2 587	2 571	2 575	2 576	2 581
Suriname	2 518	2 600	2 726	2 730	2 728	2 709	2 703	2 700	2 695
Sweden	3 115	3 117	3 141	3 181	3 190	3 190	3 191	3 194	3 197
Switzerland	3 429	3 420	3 476	3 399	3 394	3 383	3 368	3 352	3 316
Syrian Arab Republic			2 203	2 997	2 891	2 817	2 779	2 758	2 756

TABLE 40.
AVERAGE DIETARY ENERGY SUPPLY (KCAL PER CAPITA PER DAY) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2013–2015	2014–2016	2015–2017	2016–2018	2017–2019	2018–2020
Tajikistan	1 945	2 038	2 091	2 150	2 175	2 200	2 217	2 233	2 241
Thailand	2 585	2 726	2 736	2 772	2 780	2 775	2 775	2 786	2 806
Timor-Leste	1 898	2 034	2 049	2 198	2 252	2 266	2 275	2 293	2 310
Togo	2 131	2 226	2 392	2 424	2 417	2 401	2 408	2 421	2 435
Tonga									
Trinidad and Tobago	2 800	2 778	2 861	2 998	2 979	2 976	2 978	2 986	2 988
Tunisia	3 186	3 228	3 339	3 417	3 446	3 454	3 452	3 450	3 439
Turkey	3 624	3 614	3 637	3 679	3 690	3 716	3 713	3 732	3 742
Turkmenistan	2 632	2 822	2 837	2 861	2 894	2 887	2 862	2 849	2 835
Tuvalu									
Uganda	2 358	2 404	2 329	2 186	2 098	2 042	2 005	2 034	2 051
Ukraine	2 989	3 232	3 180	3 124	3 110	3 082	3 084	3 084	3 092
United Arab Emirates	3 145	2 932	3 140	3 380	3 393	3 375	3 342	3 321	3 303
United Kingdom of Great Britain and Northern Ireland	3 409	3 452	3 350	3 369	3 381	3 386	3 370	3 351	3 304
United Republic of Tanzania	2 079	2 145	2 218	2 330	2 356	2 366	2 369	2 370	2 363
United States of America	3 787	3 847	3 686	3 725	3 737	3 758	3 773	3 782	3 786
Uruguay	2 840	2 823	3 002	3 113	3 137	3 138	3 166	3 186	3 198
Uzbekistan	2 312	2 435	2 853	3 211	3 240	3 231	3 225	3 213	3 221
Vanuatu	2 689	2 776	2 853	2 741	2 683	2 647	2 617	2 625	2 634
Venezuela (Bolivarian Republic of)	2 413	2 526	2 880	2 708	2 565	2 405	2 278	2 262	2 210
Viet Nam	2 328	2 509	2 710	2 828	2 847	2 864	2 892	2 915	2 921
Yemen	2 093	2 097	2 218	2 138	2 039	1 985	1 978	2 006	2 012
Zambia	1 799	1 798	1 882	1 992	2 013	2 012	2 004	2 007	2 003
Zimbabwe	2 120	2 167	2 052	1 983	1 960	1 912	1 897	1 814	1 768

Complete series are available at <http://www.fao.org/faostat/en/#data/FS>

TABLE 41.
CEREAL IMPORT DEPENDENCY RATIO (PERCENT)

COUNTRY	2000–2002	2004–2006	2009–2011	2011–2013	2012–2014	2013–2015	2014–2016	2015–2017	2016–2018
World	-0.5	-0.6	-0.8	-1.0	-1.5	-1.5	-2.0	-2.0	-2.0
Africa	28.2	26.4	29.0	28.9	29.1	29.7	31.6	31.4	31.1
Asia	7.9	8.3	8.3	8.2	7.5	7.3	7.4	7.7	7.9
Latin America and the Caribbean	12.1	10.0	4.8	-4.1	-6.3	-4.7	-5.4	-8.3	-6.1
Northern America and Europe	-18.5	-19.0	-20.8	-19.7	-20.9	-23.1	-26.3	-27.3	-28.4
Oceania	-166.4	-143.7	-144.7	-182.1	-187.4	-169.4	-172.2	-151.0	-138.8
Afghanistan	34.2	19.2	24.9	22.0	19.3	21.3	27.2	34.6	41.6
Albania	47.0	50.9	40.6	40.2	39.6	39.1	38.2	37.8	38.4
Algeria	79.7	70.5	70.6	72.2	70.5	72.0	74.4	74.5	70.8
Andorra									
Angola	57.1	61.8	53.5	64.1	62.9	58.5	47.4	44.3	42.1
Antigua and Barbuda	94.5	100.0	100.0	100.0	98.4	100.0	100.0	100.0	98.8
Argentina	-172.3	-172.4	-191.4	-225.3	-182.5	-114.0	-140.5	-152.3	-165.8
Armenia	61.6	55.2	60.2	60.1	53.6	44.3	39.9	47.3	53.3
Australia	-194.9	-164.8	-169.2	-214.8	-222.7	-203.1	-210.1	-190.1	-177.5
Austria	-6.4	-4.6	6.9	10.5	10.3	14.1	12.6	14.5	15.0
Azerbaijan	29.0	38.2	37.3	38.4	38.7	37.5	35.3	32.9	30.6
Bahamas	100.0	96.7	94.3	97.4	97.5	96.5	95.5	97.5	98.3
Bahrain									
Bangladesh	9.3	9.8	12.3	10.3	8.1	9.2	9.6	12.1	12.9
Barbados	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Belarus	20.0	10.9	1.3	1.9	2.6	1.3	-1.1	-0.7	2.9
Belgium	56.5	46.4	57.7	61.6	61.8	59.2	63.1	65.2	68.1
Belize	34.6	32.5	19.8	10.4	11.4	15.8	18.4	17.5	16.6
Benin	13.0	31.9	30.0	41.6	42.6	48.4	51.8	51.8	50.1
Bhutan									
Bolivia (Plurinational State of)	28.9	20.8	19.1	15.5	14.9	12.7	15.6	17.6	18.9
Bosnia and Herzegovina	36.3	35.1	35.4	37.1	37.4	37.0	35.0	34.9	31.2
Botswana	90.9	69.8	97.8	100.0	100.0	98.8	82.0	87.0	84.4
Brazil	13.1	5.7	-2.9	-15.3	-18.1	-23.5	-20.7	-22.5	-17.6
Brunei Darussalam	100.0	98.1	89.3	100.0					
Bulgaria	-22.1	-34.3	-88.5	-126.7	-132.9	-134.0	-192.4	-189.5	-194.1
Burkina Faso	9.0	7.4	9.6	12.6	11.6	10.1	9.0	10.4	11.1
Burundi									
Cabo Verde	77.2	78.0	100.0	88.9	97.9	100.0	100.0	98.0	95.8
Cambodia	3.9	1.8	-1.3	-1.3	-2.5	-4.6	-6.3	-7.4	-7.6
Cameroon	31.2	30.9	26.6	30.9	31.7	31.5	29.2	29.4	28.9
Canada	-55.9	-62.2	-81.1	-76.7	-98.8	-106.9	-101.4	-84.0	-80.6
Central African Republic	19.4	18.6	21.2	18.7	17.6	13.9			
Chad	5.0	6.4	9.3	7.3				5.4	4.5
Chile	35.1	31.6	38.4	39.8	41.3	40.1	40.3	41.4	43.0
China	-0.6	1.6	2.2	3.4	3.9	4.4	4.5	4.7	4.2
Colombia	54.5	55.4	62.3	63.8	62.8	63.0	61.7	61.6	61.8

TABLE 41.
CEREAL IMPORT DEPENDENCY RATIO (PERCENT) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2011–2013	2012–2014	2013–2015	2014–2016	2015–2017	2016–2018
Comoros									
Congo	100.0	89.5	100.0	91.7	74.3	82.1	81.9	80.6	82.9
Costa Rica	80.6	85.5	84.2	85.0	86.4	86.3	85.5	85.7	86.1
Côte d'Ivoire	48.5	51.7	55.8	53.5	48.3	38.7	36.3	36.5	38.3
Croatia	-4.7	3.0	-12.0	-11.6	-12.9	-15.3	-18.7	-26.0	-26.9
Cuba	71.9	73.3	75.7	72.2	70.6	72.5	73.0		
Cyprus	100.0	100.0	100.0	100.0	100.0	100.0	98.9	96.1	99.3
Czechia	-10.1	-26.2	-42.5	-45.2	-45.2	-50.3	-62.1	-78.4	-71.4
Democratic People's Republic of Korea	45.8	27.2	10.4	13.6	15.1	14.7	15.4	16.1	18.8
Democratic Republic of the Congo									
Denmark	-14.3	-2.2	-13.3	-11.2	-11.9	-14.3	-16.7	-17.5	-12.9
Djibouti	100.0	100.0	100.0	100.0	100.0	100.0	97.9	98.5	97.6
Dominica	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Dominican Republic	77.9	77.7	75.5	74.7	71.0	68.9	66.3	66.1	65.5
Ecuador	30.5	33.7	36.6	31.6	27.2	24.0	26.0	29.9	33.6
Egypt	34.8	30.3	43.9	42.1	40.7	42.2	43.3	44.2	48.2
El Salvador	46.6	45.6	41.2	39.4	37.1	41.0	44.5	46.2	47.8
Equatorial Guinea									
Eritrea									
Estonia	25.0	4.6	-19.6	-38.8	-46.5	-58.6	-306.8	-341.8	-342.5
Eswatini	59.5	68.0	72.1	68.8	66.1	64.7	67.9	68.4	66.8
Ethiopia	10.2	6.1	11.8	7.0	5.6	5.9	7.7	7.9	7.5
Fiji	100.0	89.2	68.6	99.8	100.0	100.0	100.0	100.0	100.0
Finland	-11.8	-11.5	-20.0	-19.7	-18.7	-22.7	-26.1	-23.5	-17.0
France	-82.9	-81.0	-87.5	-86.3	-80.7	-85.5	-123.4	-115.0	-115.4
Gabon	94.1	78.2	83.9	87.3	90.8	89.6	88.5	89.1	90.6
Gambia	40.2	39.4	47.8	37.7	47.4	50.5	54.7	51.4	51.6
Georgia	59.3	76.6	63.3	58.8	59.7	57.9	61.3	63.7	62.9
Germany	-24.2	-14.6	-9.5	-8.6	-9.6	-11.7	-12.1	-12.1	-6.7
Ghana	26.1	38.6	25.8	28.6	28.3	31.2	32.0	34.5	34.5
Greece	20.2	23.0	16.4	18.2	16.8	19.3	20.3	25.3	29.1
Grenada	88.2	86.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Guatemala	44.0	50.2	42.8	44.2	44.3	44.7	45.7	46.9	48.7
Guinea	21.4	14.9	13.5	16.4	23.1	25.7	28.7	28.0	29.3
Guinea-Bissau	41.7	39.6	32.3	34.0	37.1				
Guyana	-59.4	-64.8	-21.4	-10.7	100.0	100.0	100.0	-63.3	-56.5
Haiti	58.0	65.2	61.1	54.0	55.4	56.6	59.1	60.4	60.2
Honduras	45.7	57.3	56.3	56.1	55.8	56.4	57.5	57.3	56.8
Hungary	-35.8	-42.4	-79.5	-77.1	-64.5	-70.8	-64.3	-100.3	-82.3
Iceland							94.1	91.3	92.5
India	-3.2	-2.3	-3.2	-8.6	-10.2	-9.3	-7.2	-5.5	-5.2
Indonesia	12.8	11.7	13.1	15.4	13.3	12.2	11.1	10.2	10.1
Iran (Islamic Republic of)	37.4	18.1	30.5	36.6	44.1	42.1	38.1	35.7	36.1

TABLE 41.
CEREAL IMPORT DEPENDENCY RATIO (PERCENT) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2011–2013	2012–2014	2013–2015	2014–2016	2015–2017	2016–2018
Iraq	75.2	58.1	58.4	51.8					56.8
Ireland	20.3	25.4	31.2	31.6	35.8	34.3	34.7	37.5	46.1
Israel	92.5	93.5	97.7	93.2	92.3	92.8	92.2	93.6	97.0
Italy	19.6	21.6	27.0	25.3	26.5	29.2	30.8	32.8	35.3
Jamaica	100.0	100.0	96.8	97.2	98.7	100.0	100.0	99.0	99.3
Japan	77.0	78.2	77.1	75.8	72.5	70.5	68.9	69.5	70.4
Jordan	94.2	96.6	91.1	93.6	90.9	89.6	95.0	97.3	100.0
Kazakhstan	-56.0	-43.7	-63.7	-79.2	-82.4	-56.9	-49.8	-47.5	-82.1
Kenya	23.9	21.5	39.9	32.7	34.1	36.2	42.9	43.7	44.1
Kiribati									
Kuwait	100.0	100.0	98.3	97.3	92.7	98.8	98.0	100.0	98.8
Kyrgyzstan	9.0	14.9	23.6	28.3	30.3	25.5	21.2	17.7	16.2
Lao People's Democratic Republic	2.5	-0.5	-5.1	-5.2	-4.1	-3.7	-2.7	-2.9	-3.2
Latvia	1.7	-17.6	-71.1	-94.7	-131.3	-148.4	-192.5	-197.3	-167.8
Lebanon	88.0	82.6	90.9	86.5	86.9	91.0	96.4	99.0	99.0
Lesotho	47.8	41.3	81.3	74.8	71.2	68.2	81.0	74.9	75.2
Liberia	65.2	86.0	60.6	54.1	58.8	54.9	49.9	51.6	56.0
Libya									
Lithuania	-4.8	-32.3	-67.5	-80.0	-105.5	-105.2	-181.5	-217.1	-223.5
Luxembourg	6.1	-2.9	14.4	24.0	24.0	19.5	12.3	12.1	13.0
Madagascar	11.3	11.6	8.7	13.2	13.9	14.7	13.4	16.7	19.5
Malawi	10.1	6.9	1.9	1.2	4.6	7.0	11.1	11.5	9.7
Malaysia	80.2	86.3	71.1	72.6	76.4	74.8	73.9	70.6	71.9
Maldives	100.0	100.0	100.0	100.0					
Mali	8.6	9.6	5.0	7.8	7.5	5.6	5.3	6.0	5.6
Malta	100.0	82.4	88.6	92.8	91.3	87.6	87.1	84.7	86.5
Marshall Islands									
Mauritania	64.7	64.4	78.3	87.1	80.7	64.1	58.2		
Mauritius	99.4	96.2	96.7	93.9	100.0	100.0	100.0	93.7	95.2
Mexico	35.4	35.8	29.9	30.5	28.5	28.5	29.7	31.2	32.9
Micronesia (Federated States of)									
Mongolia	69.1	68.0	34.4	22.5	19.3	29.9	33.2	44.3	36.5
Montenegro			89.3	91.4	93.6	94.1	93.5	92.3	90.6
Morocco	52.1	39.1	39.3	42.1	46.4	37.8	59.6	54.0	56.9
Mozambique	28.1	42.2	29.1	30.0	36.9	42.4	50.5	53.2	53.8
Myanmar	-5.4	-1.5	-3.1	-2.0	-2.3	-3.5	-3.2	-3.7	-2.7
Namibia	56.3	58.0	49.4	69.5	73.5	72.8	70.0	69.8	69.4
Nauru									
Nepal	1.6	1.9	3.8	7.5	9.4	10.9	12.5	13.1	13.7
Netherlands	72.1	77.2	83.5	84.3	85.1	83.7	83.9	84.3	85.1
New Zealand	31.1	38.2	27.6	36.5	40.4	41.2	40.2	41.6	43.3
Nicaragua	27.4	29.2	34.4	34.6	35.4	38.3	38.8	39.2	38.7
Niger	9.4	9.9	6.8	9.2	10.7	10.7	9.1	6.3	5.3

TABLE 41.
CEREAL IMPORT DEPENDENCY RATIO (PERCENT) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2011–2013	2012–2014	2013–2015	2014–2016	2015–2017	2016–2018
Nigeria	15.2	16.1	19.2	19.2	19.8	20.3	19.2	18.8	19.0
North Macedonia	28.0	22.2	25.3	28.1	27.0	26.2	25.9	30.2	26.6
Norway	28.8	27.9	38.8	49.9	49.7	43.7	36.3	33.0	42.0
Oman	100.0	90.2	95.5	93.1	92.1	86.7	93.3	93.0	93.6
Pakistan	-9.2	-9.4	-12.3	-17.3	-14.5	-16.7	-18.1	-17.5	-18.6
Palau									
Panama	63.6	64.4	69.0	67.5	67.0	68.7	70.0	71.1	69.5
Papua New Guinea									
Paraguay	-18.1	-125.4	-187.5	-210.6	-279.5	-260.4	-217.0	-116.2	-61.9
Peru	44.7	48.0	48.3	49.7	48.8	48.4	49.2	51.1	52.4
Philippines	25.5	21.7	21.6	17.8	17.6	17.7	19.7	21.2	23.2
Poland	4.8	0.2	-2.5	-4.8	-10.1	-16.2	-19.3	-18.1	-15.1
Portugal	67.7	77.0	78.7	72.5	72.2	70.7	71.3	72.1	74.4
Qatar									
Republic of Korea	73.4	74.6	73.0	77.3	77.5	75.7	74.9	76.3	78.1
Republic of Moldova	-9.7	-10.2	-14.0	-8.9	-20.0	-32.8	-41.3	-42.1	-43.7
Romania	0.6	-0.8	-22.8	-35.8	-50.1	-66.3	-68.5	-59.1	-44.0
Russian Federation	-3.5	-10.2	-27.3	-30.1	-33.7	-35.5	-39.2	-42.3	-63.6
Rwanda	20.1	21.4	35.2	32.5	27.6	22.9	21.6	24.2	24.8
Saint Kitts and Nevis									
Saint Lucia	100.0	100.0	92.3	96.2	95.0	95.1	96.4	98.8	100.0
Saint Vincent and the Grenadines	100.0	82.8	69.1	94.8	97.1	88.0	97.0	100.0	100.0
Samoa									
San Marino									
Sao Tome and Principe							84.9		
Saudi Arabia	73.0	74.5	91.6	96.0	93.3	90.3	88.0	89.0	95.6
Senegal	53.1	54.7	47.9	56.2	60.4	56.1	55.1	53.5	57.4
Serbia			-31.3	-47.2	-48.2	-42.8	-45.2	-54.7	-45.8
Seychelles									
Sierra Leone	36.2	21.9	21.5	27.8	28.5	33.9	36.0	41.3	40.4
Singapore									
Slovakia	-4.3	-34.2	-24.8	-27.7	-30.3	-56.1	-67.1	-107.9	-86.1
Slovenia	41.0	46.9	38.5	36.9	33.2	33.4	28.7	28.5	29.8
Solomon Islands	85.7	96.1	98.1	93.4					
Somalia									
South Africa	6.7	10.2	2.7	3.9	3.9	4.1	17.3	18.2	15.3
South Sudan									
Spain	26.6	36.3	33.6	31.8	33.2	32.6	34.8	38.6	37.4
Sri Lanka	36.7	37.2	27.0	26.0	27.1	27.4	24.6	30.3	30.5
Sudan				18.3	18.8	25.6	25.7	29.7	23.6
Suriname	8.1	21.6	6.1	-4.7	-18.7	-12.4	-17.2	-11.5	-17.3
Sweden	-24.2	-22.8	-15.1	-12.0	-17.3	-23.7	-33.1	-30.8	-24.2
Switzerland	38.6	40.8	51.2	54.7	53.9	54.4	56.0	56.4	56.5
Syrian Arab Republic									

TABLE 41.
CEREAL IMPORT DEPENDENCY RATIO (PERCENT) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2011–2013	2012–2014	2013–2015	2014–2016	2015–2017	2016–2018
Tajikistan	35.9	44.2	44.0	47.1	46.8	43.9	45.5	45.4	47.5
Thailand	-39.9	-46.0	-43.1	-29.4	-43.7	-57.7	-67.8	-70.6	-74.1
Timor-Leste	33.2	24.9	11.6	15.7	20.5	22.4	25.3	28.6	34.9
Togo	14.1	18.3	14.1	17.2	16.7	17.5	17.7	18.9	22.6
Tonga									
Trinidad and Tobago	94.6	97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Tunisia	70.1	55.8	57.5	59.7	58.9	64.2	66.8	71.5	65.5
Turkey	1.1	-4.8	0.8	4.0	5.1	5.0	2.1	0.0	0.8
Turkmenistan							8.0	6.7	12.3
Tuvalu									
Uganda	5.9	15.8	9.1	8.6	7.9	5.1	5.0	4.8	5.2
Ukraine	-23.5	-38.0	-67.8	-79.5	-100.4	-120.4	-156.2	-206.4	-202.9
United Arab Emirates	100.0	100.0	83.5	100.0	100.0	100.0	98.0	100.0	100.0
United Kingdom of Great Britain and Northern Ireland	-2.8	-1.6	-3.1	9.1	12.5	10.6	2.7	3.8	8.5
United Republic of Tanzania	9.4	12.6	14.9	12.3	8.5	7.2	6.2	7.0	3.9
United States of America	-31.6	-30.6	-23.5	-19.1	-17.8	-18.6	-19.8	-20.8	-22.8
Uruguay	-81.3	-94.0	-160.2	-153.1	-164.9	-122.2	-123.8	-105.1	-110.2
Uzbekistan	13.2	5.8	18.2	22.2	20.7	19.3	19.5	20.0	25.4
Vanuatu	96.4	97.1	93.4	96.1	96.0	96.3	96.1	92.8	87.2
Venezuela (Bolivarian Republic of)	49.6	37.7	55.6	61.8	61.2	59.8	63.2	70.0	68.7
Viet Nam	-12.0	-13.1	-11.0	-12.6	-10.3	-5.8	0.9	4.9	8.3
Yemen	80.5	84.4	87.7	95.3	94.6	87.9	91.3	96.7	96.0
Zambia	9.0	8.9	-9.8	-21.4	-14.8	-21.3	-25.7	-25.8	-9.8
Zimbabwe	11.7	28.7	53.8	42.5	38.1	43.4	53.3	48.1	37.8

Complete series are available at <http://www.fao.org/faostat/en/#data/FS>

TABLE 42.
DIETARY ENERGY SUPPLY BY COMMODITY GROUP, 2018 (KCAL PER CAPITA PER DAY)

COUNTRY	CEREALS	FATS AND OILS	MEAT	SUGAR	ROOTS, TUBERS AND PULSES	FRUIT AND VEGETABLES	DAIRY AND EGGS (EXCL BUTTER)	BEVERAGES AND OTHER	FISH AND SEAFOOD
World	1 307	414	242	237	208	199	182	99	39
Africa	1 298	295	91	160	460	151	75	53	19
Americas	987	618	396	473	182	187	300	138	25
Asia	1 431	362	226	180	159	215	151	81	44
Europe	1 022	637	362	374	162	193	364	224	46
Oceania	789	705	457	452	128	174	343	218	44
Afghanistan	1 497	142	60	118	36	69	100	18	0
Albania	1 128	381	230	193	146	457	694	116	15
Algeria	1 672	406	98	273	204	352	269	41	8
Andorra									
Angola	762	344	135	127	749	120	23	88	37
Antigua and Barbuda	723	379	358	260	66	237	160	174	89
Argentina	1 080	444	675	453	112	132	279	119	13
Armenia	1 220	344	252	313	84	274	422	76	11
Australia	746	752	493	457	95	173	396	238	42
Austria	903	958	379	448	117	210	369	280	30
Azerbaijan	1 732	189	191	201	138	205	281	206	6
Bahamas	699	380	467	356	34	241	190	242	45
Bahrain									
Bangladesh	1 899	196	21	76	171	69	54	33	46
Barbados	842	408	339	550	164	170	217	172	92
Belarus	848	616	417	293	335	198	247	295	21
Belgium	908	971	226	495	182	252	451	237	44
Belize	973	447	260	444	160	171	149	150	22
Benin	1 112	319	58	74	870	83	30	181	29
Bhutan									
Bolivia (Plurinational State of)	1 001	204	380	253	198	173	97	100	5
Bosnia and Herzegovina	1 363	256	237	176	219	314	337	393	12
Botswana	1 030	327	97	276	151	74	254	127	6
Brazil	986	634	475	426	233	150	287	93	15
Brunei Darussalam									
Bulgaria	1 029	581	268	264	71	157	283	189	16
Burkina Faso	1 748	399	74	93	168	18	58	164	16
Burundi									
Cabo Verde	1 227	277	178	183	214	130	184	131	18
Cambodia	1 664	180	90	218	131	50	15	58	87
Cameroon	1 099	362	57	108	640	283	25	130	28
Canada	851	970	368	447	239	209	268	179	36
Central African Republic	230	381	181	62	772	92	31	21	15
Chad	1 301	376	55	91	214	19	33	6	20
Chile	1 149	287	490	444	155	144	204	133	24
China	1 457	349	499	78	154	358	132	110	67
Colombia	945	432	285	591	232	316	215	84	14

TABLE 42.
DIETARY ENERGY SUPPLY BY COMMODITY GROUP, 2018 (KCAL PER CAPITA PER DAY) (CONTINUED)

COUNTRY	CEREALS	FATS AND OILS	MEAT	SUGAR	ROOTS, TUBERS AND PULSES	FRUIT AND VEGETABLES	DAIRY AND EGGS (EXCL BUTTER)	BEVERAGES AND OTHER	FISH AND SEAFOOD
Comoros									
Congo	654	273	150	144	806	118	11	77	53
Costa Rica	892	593	185	503	155	203	350	104	43
Côte d'Ivoire	1 051	398	50	99	856	186	15	79	43
Croatia	800	430	366	459	81	250	376	276	37
Cuba	1 275	254	321	501	447	291	171	74	10
Cyprus	1 205	480	335	251	76	156	247	224	45
Czechia	764	795	344	338	143	146	320	408	19
Democratic People's Republic of Korea	1 252	175	82	33	230	147	23	60	16
Democratic Republic of the Congo									
Denmark	809	550	411	491	117	194	477	277	75
Djibouti	1 482	364	90	356	155	87	108	46	8
Dominica	658	305	314	405	397	440	219	155	61
Dominican Republic	735	562	217	368	162	499	220	113	15
Ecuador	1 200	508	224	207	61	140	188	64	14
Egypt	2 075	235	138	288	122	286	89	20	41
El Salvador	1 224	239	142	413	220	153	208	83	15
Equatorial Guinea									
Eritrea									
Estonia	822	421	322	269	187	205	617	386	22
Eswatini	1 317	175	135	282	197	103	91	118	8
Ethiopia	1 547	105	42	82	432	24	53	53	1
Fiji	1 044	468	204	338	427	100	68	73	57
Finland	948	429	538	309	118	165	542	231	63
France	1 038	693	444	408	108	177	368	205	62
Gabon	961	275	240	147	433	332	58	129	56
Gambia	1 530	435	37	295	27	26	88	38	55
Georgia	1 364	300	151	370	88	94	288	163	18
Germany	890	794	327	429	117	197	435	327	37
Ghana	728	268	52	105	1 323	423	14	68	54
Greece	956	753	287	285	139	251	449	227	34
Grenada	562	323	271	353	115	361	197	164	55
Guatemala	1 225	266	131	487	156	105	126	50	6
Guinea	1 334	489	64	123	417	235	42	23	19
Guinea-Bissau	1 261	365	110	41	202	106	47	93	3
Guyana	1 234	266	216	317	146	392	199	102	41
Haiti	878	255	96	189	430	138	42	82	12
Honduras	1 183	454	162	446	131	82	147	62	5
Hungary	898	824	409	356	94	166	311	243	13
Iceland	810	457	572	370	85	219	682	271	189
India	1 334	360	17	236	205	138	178	53	12
Indonesia	1 747	401	57	193	198	129	45	27	84
Iran (Islamic Republic of)	1 526	373	160	286	186	327	97	109	23

TABLE 42.
DIETARY ENERGY SUPPLY BY COMMODITY GROUP, 2018 (KCAL PER CAPITA PER DAY) (CONTINUED)

COUNTRY	CEREALS	FATS AND OILS	MEAT	SUGAR	ROOTS, TUBERS AND PULSES	FRUIT AND VEGETABLES	DAIRY AND EGGS (EXCL BUTTER)	BEVERAGES AND OTHER	FISH AND SEAFOOD
Iraq	1 549	392	65	180	79	168	122	46	6
Ireland	1 077	619	405	452	152	223	555	347	54
Israel	1 154	774	414	254	129	287	344	128	44
Italy	1 150	790	364	315	116	235	301	172	59
Jamaica	933	391	229	511	183	207	167	122	48
Japan	1 059	508	207	245	71	118	198	173	127
Jordan	1 216	574	148	358	102	135	141	47	11
Kazakhstan	818	540	345	288	205	217	482	167	5
Kenya	1 133	199	87	175	311	111	140	36	5
Kiribati	1 056	763	168	509	233	144	20	29	157
Kuwait	1 413	500	309	383	131	287	294	127	28
Kyrgyzstan	1 289	186	184	171	204	196	379	121	3
Lao People's Democratic Republic	1 624	181	172	92	147	365	17	113	47
Latvia	893	606	335	299	208	154	386	294	54
Lebanon	1 195	508	142	412	151	183	132	120	16
Lesotho	1 500	175	166	136	144	43	102	51	4
Liberia	1 134	324	106	88	357	95	14	41	8
Libya									
Lithuania	1 154	394	412	384	158	156	396	292	66
Luxembourg	931	469	547	274	70	218	405	496	53
Madagascar	1 248	85	78	78	321	60	40	17	10
Malawi	1 206	156	89	116	486	279	11	25	22
Malaysia	1 191	490	246	414	68	113	142	83	101
Maldives	982	114	90	239	55	157	226	179	192
Mali	1 849	193	100	103	168	169	209	68	14
Malta	1 164	390	349	443	93	248	392	257	83
Marshall Islands									
Mauritania	1 591	320	136	361	111	74	248	17	18
Mauritius	1 361	536	219	327	139	111	186	118	53
Mexico	1 293	385	369	445	138	169	240	89	27
Micronesia (Federated States of)									
Mongolia	1 010	256	532	151	94	60	341	133	1
Montenegro	1 077	314	530	313	93	248	610	289	25
Morocco	2 001	346	146	341	152	220	103	59	42
Mozambique	771	295	68	130	718	54	18	25	22
Myanmar	1 357	353	274	151	160	132	100	38	107
Namibia	1 072	236	146	251	385	73	102	180	24
Nauru									
Nepal	1 703	263	59	100	280	150	141	67	6
Netherlands	794	625	355	348	143	265	538	185	44
New Zealand	941	529	394	550	117	212	217	189	42
Nicaragua	1 306	276	121	407	166	95	145	58	12
Niger	1 568	294	37	0	391	147	122	8	4

TABLE 42.
DIETARY ENERGY SUPPLY BY COMMODITY GROUP, 2018 (KCAL PER CAPITA PER DAY) (CONTINUED)

COUNTRY	CEREALS	FATS AND OILS	MEAT	SUGAR	ROOTS, TUBERS AND PULSES	FRUIT AND VEGETABLES	DAIRY AND EGGS (EXCL BUTTER)	BEVERAGES AND OTHER	FISH AND SEAFOOD
Nigeria	1 083	355	38	104	792	123	22	39	16
North Macedonia	996	557	206	377	156	334	278	158	11
Norway	955	565	391	279	163	181	430	303	105
Oman	1 132	306	198	256	87	523	319	73	45
Pakistan	1 238	421	75	259	84	59	329	18	3
Palau									
Panama	1 215	442	236	341	88	156	183	155	36
Papua New Guinea		20							
Paraguay	919	483	169	286	488	97	152	166	8
Peru	1 140	253	121	222	480	256	156	98	48
Philippines	1 522	234	262	240	53	192	41	70	46
Poland	1 133	583	454	448	198	176	278	225	43
Portugal	1 017	661	435	260	153	240	313	307	95
Qatar									
Republic of Korea	1 384	627	328	367	48	234	102	184	146
Republic of Moldova	962	306	203	191	81	167	305	148	23
Romania	1 273	523	283	277	204	280	486	238	16
Russian Federation	1 138	538	333	419	211	155	336	168	47
Rwanda	392	177	36	101	1 081	299	45	41	14
Saint Kitts and Nevis	694	472	374	406	108	117	221	128	62
Saint Lucia	807	245	496	376	128	139	174	187	65
Saint Vincent and the Grenadines	876	272	432	429	234	286	145	257	36
Samoa	656	843	481	246	310	241	89	58	106
San Marino									
Sao Tome and Principe	959	513	84	154	156	428	40	54	58
Saudi Arabia	1 601	562	190	298	85	274	178	98	20
Senegal	1 621	389	77	182	120	78	33	16	32
Serbia	1 127	242	388	247	91	191	331	198	13
Seychelles									
Sierra Leone	1 190	362	38	57	566	74	13	29	41
Singapore									
Slovakia	833	758	240	317	106	123	258	219	18
Slovenia	1 192	512	279	272	102	252	319	241	22
Solomon Islands	818	352	79	83	903	64	21	30	64
Somalia									
South Africa	1 473	361	347	314	78	65	109	138	11
South Sudan									
Spain	805	795	392	316	149	215	329	237	85
Sri Lanka	1 443	413	25	282	173	161	106	75	61
Sudan	1 339	300	129	306	124	161	210	6	2
Suriname	1 161	425	209	405	84	183	75	123	33
Sweden	846	657	328	358	116	162	437	222	59
Switzerland	756	640	414	471	90	197	506	249	30
Syrian Arab Republic									

TABLE 42.
DIETARY ENERGY SUPPLY BY COMMODITY GROUP, 2018 (KCAL PER CAPITA PER DAY) (CONTINUED)

COUNTRY	CEREALS	FATS AND OILS	MEAT	SUGAR	ROOTS, TUBERS AND PULSES	FRUIT AND VEGETABLES	DAIRY AND EGGS (EXCL BUTTER)	BEVERAGES AND OTHER	FISH AND SEAFOOD
Tajikistan	1 136	256	94	180	91	211	112	29	1
Thailand	1 330	307	196	437	53	131	94	189	65
Timor-Leste	1 424	237	194	150	168	45	28	25	16
Togo	1 176	296	53	141	677	39	13	26	21
Tonga									
Trinidad and Tobago	1 070	452	315	541	159	121	188	103	42
Tunisia	1 676	541	122	344	124	303	219	99	24
Turkey	1 558	676	159	308	215	295	372	120	9
Turkmenistan	1 602	264	335	123	59	158	245	37	6
Tuvalu									
Uganda	594	321	80	118	468	235	78	67	21
Ukraine	1 179	386	228	417	269	186	286	131	21
United Arab Emirates	1 425	364	286	365	249	226	273	82	44
United Kingdom of Great Britain and Northern Ireland	983	579	440	308	176	186	377	246	47
United Republic of Tanzania	958	350	56	111	595	137	91	60	14
United States of America	823	886	456	589	129	204	436	222	36
Uruguay	1 152	458	308	477	129	139	392	128	18
Uzbekistan	1 516	292	235	103	131	339	340	49	5
Vanuatu	812	707	256	121	402	140	53	49	68
Venezuela (Bolivarian Republic of)	889	352	131	258	115	166	147	43	20
Viet Nam	1 554	299	496	115	67	209	57	165	61
Yemen	1 396	217	83	266	58	73	39	15	7
Zambia	1 160	296	96	106	217	26	28	50	23
Zimbabwe	1 073	306	84	214	67	35	50	71	7

Complete series are available at <http://www.fao.org/faostat/en/#data/FBSH> and <http://www.fao.org/faostat/en/#data/FBS>

TABLE 43.
AVERAGE PROTEIN SUPPLY BY ORIGIN (G PER CAPITA PER DAY)

COUNTRY	AVERAGE PROTEIN SUPPLY				AVERAGE SUPPLY OF PROTEIN OF ANIMAL ORIGIN			
	2000–2002	2004–2006	2009–2011	2016–2018	2000–2002	2004–2006	2009–2011	2016–2018
World	72.6	73.6	77.1	80.1	26.8	28.0	30.0	31.6
Africa	53.7	56.0	58.7	60.5	10.6	11.6	12.7	13.1
Asia	68.5	69.3	74.2	78.9	20.1	21.8	24.8	27.5
Latin America and the Caribbean	75.0	76.6	80.9	84.0	35.6	36.3	40.1	42.9
Northern America and Europe	101.4	103.4	103.7	105.2	58.9	60.5	60.9	61.6
Oceania	77.1	78.0	78.2	79.3	49.2	50.2	50.7	51.0
Afghanistan	51.4	53.6	57.7	55.7	13.0	12.3	11.7	10.7
Albania	93.0	96.7	105.0	116.7	41.0	48.3	55.3	62.7
Algeria	77.0	83.3	87.0	92.3	19.0	21.0	23.0	25.6
Andorra								
Angola	40.4	43.7	53.4	51.7	12.3	12.7	15.4	15.7
Antigua and Barbuda	69.3	77.7	82.7	78.7	47.3	53.4	57.0	50.0
Argentina	98.3	95.0	99.0	105.0	61.6	59.0	63.7	67.3
Armenia	65.3	77.3	84.3	96.0	20.7	29.0	38.3	44.7
Australia	101.7	103.0	103.7	106.6	67.3	68.4	69.4	71.6
Austria	106.0	101.0	102.0	108.3	64.0	59.3	59.7	64.7
Azerbaijan	68.3	80.7	89.3	92.0	17.3	20.3	27.3	31.7
Bahamas	92.0	82.0	84.0	81.3	60.7	53.7	57.0	52.3
Bahrain								
Bangladesh	49.0	51.7	54.7	59.7	6.3	7.7	9.0	11.7
Barbados	83.3	86.3	85.7	87.3	47.0	49.3	49.0	49.3
Belarus	86.7	88.7	94.0	91.0	46.0	47.7	53.7	51.0
Belgium	98.7	99.3	96.0	98.7	60.3	60.0	56.3	58.3
Belize	74.1	75.3	70.7	68.7	30.7	30.0	27.0	27.0
Benin	55.7	57.7	61.7	64.3	9.0	9.0	11.4	13.3
Bhutan								
Bolivia (Plurinational State of)	55.7	57.4	63.7	72.3	21.7	24.4	29.0	34.7
Bosnia and Herzegovina	79.3	87.3	89.7	97.7	23.0	27.0	30.3	36.3
Botswana	66.3	59.3	63.3	65.6	24.7	23.0	24.3	27.7
Brazil	79.7	83.3	91.0	94.0	40.7	41.3	48.0	52.7
Brunei Darussalam	87.4	87.3	85.0		45.4	47.0	46.3	
Bulgaria	83.3	78.7	80.0	84.3	39.0	38.3	38.0	40.7
Burkina Faso	68.7	74.0	79.3	78.7	9.0	11.0	11.7	11.0
Burundi								
Cabo Verde	62.0	67.3	70.0	70.0	23.7	25.3	27.3	26.0
Cambodia	53.4	56.7	62.7	65.3	15.4	15.4	18.0	18.7
Cameroon	55.7	60.4	67.0	71.6	11.3	12.3	12.0	11.3
Canada	105.3	103.0	103.3	103.3	59.7	57.3	56.0	55.0
Central African Republic	47.0	48.0	53.0	44.7	17.0	18.0	20.3	18.3
Chad	63.0	62.0	61.7	61.7	11.7	10.3	9.3	11.0
Chile	79.3	85.3	83.3	90.0	37.3	42.0	41.0	47.7
China	83.5	86.1	93.7	100.6	27.8	31.4	37.1	40.3
Colombia	63.0	62.0	61.3	71.3	29.0	30.3	31.3	36.7

TABLE 43.
AVERAGE PROTEIN SUPPLY BY ORIGIN (G PER CAPITA PER DAY) (CONTINUED)

COUNTRY	AVERAGE PROTEIN SUPPLY				AVERAGE SUPPLY OF PROTEIN OF ANIMAL ORIGIN			
	2000–2002	2004–2006	2009–2011	2016–2018	2000–2002	2004–2006	2009–2011	2016–2018
Comoros								
Congo	43.7	44.0	49.1	56.4	13.7	17.0	20.1	26.0
Costa Rica	71.3	70.7	75.7	80.3	34.3	35.0	39.0	44.7
Côte d'Ivoire	51.0	54.7	57.0	57.7	11.3	13.0	14.0	13.7
Croatia	71.3	77.7	81.7	89.7	32.3	41.3	45.3	53.0
Cuba	70.3	77.3	82.7	86.0	21.7	22.0	29.7	33.0
Cyprus	84.7	78.0	80.0	91.7	51.7	48.3	47.3	46.0
Czechia	91.3	96.7	91.3	86.7	54.0	56.0	53.7	51.7
Democratic People's Republic of Korea	60.3	58.7	55.7	53.0	9.0	9.3	9.3	10.0
Democratic Republic of the Congo								
Denmark	104.3	110.7	106.3	115.3	66.7	71.3	66.0	76.7
Djibouti	48.3	54.7	62.7	65.3	14.7	16.0	13.0	14.0
Dominica	90.0	86.0	85.3	81.3	51.7	48.0	47.3	46.3
Dominican Republic	47.7	50.4	57.0	64.0	22.3	24.0	28.0	32.0
Ecuador	55.6	55.7	61.0	65.7	29.3	31.0	35.3	30.3
Egypt	94.3	95.4	101.4	97.0	17.7	19.4	23.4	24.7
El Salvador	67.3	69.3	70.3	76.0	20.7	23.3	24.3	26.3
Equatorial Guinea								
Eritrea								
Estonia	89.0	89.7	98.7	103.0	52.3	51.3	53.7	64.0
Eswatini	62.0	67.3	56.3	60.7	20.3	24.3	14.7	16.7
Ethiopia	51.7	55.4	60.7	65.7	5.4	6.7	7.3	6.0
Fiji	73.3	76.3	72.7	70.7	29.7	33.0	31.0	28.0
Finland	101.7	106.0	111.3	117.3	62.7	64.3	68.7	74.3
France	118.0	111.7	111.7	108.7	78.0	72.3	70.3	63.7
Gabon	75.6	79.7	80.4	80.3	36.0	39.4	39.0	38.3
Gambia	58.3	57.0	63.3	64.7	13.3	14.7	16.0	15.7
Georgia	75.6	81.0	75.3	75.0	26.0	30.3	26.3	29.3
Germany	96.7	97.0	102.0	104.3	57.3	58.3	61.7	63.0
Ghana	52.4	59.0	65.4	59.7	14.3	15.7	15.4	14.7
Greece	116.0	114.7	111.0	106.0	63.0	62.7	62.0	58.0
Grenada	64.3	75.7	70.7	71.3	40.0	49.3	43.0	39.7
Guatemala	57.4	59.7	63.0	69.0	15.4	17.3	18.0	21.7
Guinea	51.0	51.7	54.7	57.3	7.0	7.0	9.0	11.0
Guinea-Bissau	44.0	43.0	43.7	43.0	8.0	7.0	8.0	9.0
Guyana	76.7	75.0	74.0	84.7	33.7	33.3	32.0	35.3
Haiti	41.3	42.7	48.0	49.3	7.7	8.0	9.3	9.7
Honduras	60.0	64.0	63.7	61.7	22.0	24.7	23.0	20.7
Hungary	89.3	90.0	82.3	88.0	51.7	48.7	44.7	49.7
Iceland	123.7	130.0	132.0	143.3	88.7	95.4	96.0	103.0
India	55.3	54.0	58.7	62.3	9.0	9.7	11.3	14.0
Indonesia	52.3	53.7	59.0	66.7	12.0	13.3	16.0	20.7
Iran (Islamic Republic of)	81.7	83.3	85.7	85.3	19.0	22.0	22.7	24.3

TABLE 43.
AVERAGE PROTEIN SUPPLY BY ORIGIN (G PER CAPITA PER DAY) (CONTINUED)

COUNTRY	AVERAGE PROTEIN SUPPLY				AVERAGE SUPPLY OF PROTEIN OF ANIMAL ORIGIN			
	2000–2002	2004–2006	2009–2011	2016–2018	2000–2002	2004–2006	2009–2011	2016–2018
Iraq	53.4	54.3	60.7	64.0	7.7	6.3	11.7	14.7
Ireland	117.3	114.3	110.0	114.4	74.7	72.0	64.0	68.4
Israel	123.0	128.7	125.0	125.0	68.0	71.7	70.0	73.3
Italy	113.0	110.7	110.7	104.3	61.7	59.3	60.0	54.3
Jamaica	72.0	76.3	76.3	73.0	36.7	38.7	37.3	35.7
Japan	95.3	91.0	87.0	86.0	54.7	51.0	48.0	47.7
Jordan	72.7	79.0	81.4	70.0	23.3	26.3	27.7	23.3
Kazakhstan	88.0	90.0	96.0	91.0	39.7	47.4	55.4	53.7
Kenya	56.7	59.0	60.7	60.7	15.0	16.7	17.0	14.3
Kiribati	70.3	73.0	73.0	74.0	34.7	37.0	35.3	36.7
Kuwait	102.3	112.4	109.2	100.7	51.6	59.7	58.5	48.7
Kyrgyzstan	83.7	84.3	84.7	83.3	35.7	34.0	35.3	33.3
Lao People's Democratic Republic	57.0	60.0	64.3	76.3	10.7	12.0	13.3	18.0
Latvia	78.3	87.0	96.0	102.3	40.7	49.0	57.3	61.0
Lebanon	91.3	84.3	79.9	69.3	35.0	33.7	30.9	22.0
Lesotho	69.0	71.7	73.7	66.3	9.3	10.0	11.0	18.7
Liberia	35.3	34.7	36.7	40.7	5.0	5.7	6.0	10.3
Libya								
Lithuania	105.3	118.0	122.4	125.7	53.0	69.3	74.7	76.0
Luxembourg	104.0	109.0	110.4	109.3	71.3	74.0	68.7	68.0
Madagascar	45.3	47.4	47.0	43.3	10.6	10.3	10.0	9.0
Malawi	56.0	57.0	62.0	67.7	3.7	4.0	5.7	8.3
Malaysia	75.3	78.0	78.7	77.3	41.7	42.0	43.0	43.7
Maldives	100.7	88.3	110.2	85.5	70.0	57.3	75.5	52.8
Mali	68.0	72.4	81.0	81.7	16.7	20.4	24.0	21.4
Malta	109.0	110.7	108.0	115.0	56.7	59.0	58.3	65.7
Marshall Islands								
Mauritania	76.4	77.3	79.0	81.3	31.0	31.3	30.4	29.3
Mauritius	79.3	83.7	89.3	86.3	33.7	35.7	38.7	39.7
Mexico	86.7	87.3	86.0	90.3	37.3	39.0	40.0	44.0
Micronesia (Federated States of)								
Mongolia	77.3	72.7	76.6	85.0	49.3	43.3	45.6	55.0
Montenegro		33.7	110.3	112.7		18.0	58.0	69.0
Morocco	84.0	90.0	93.7	99.7	16.0	18.0	23.0	27.0
Mozambique	36.4	41.0	44.7	43.0	4.3	4.7	5.3	7.3
Myanmar	51.3	61.7	79.0	89.7	10.7	18.3	31.7	39.7
Namibia	65.3	63.0	59.7	64.7	25.6	23.7	23.0	22.7
Nauru								
Nepal	57.0	61.0	64.7	73.0	9.0	9.0	10.3	13.3
Netherlands	105.7	106.0	107.7	105.0	73.7	72.3	73.0	68.3
New Zealand	89.0	92.7	93.7	93.7	52.0	56.0	56.4	51.7
Nicaragua	55.0	60.3	64.7	63.7	14.7	17.0	18.7	19.3
Niger	68.0	74.3	79.4	82.0	15.3	17.0	14.6	11.0

TABLE 43.
AVERAGE PROTEIN SUPPLY BY ORIGIN (G PER CAPITA PER DAY) (CONTINUED)

COUNTRY	AVERAGE PROTEIN SUPPLY				AVERAGE SUPPLY OF PROTEIN OF ANIMAL ORIGIN			
	2000–2002	2004–2006	2009–2011	2016–2018	2000–2002	2004–2006	2009–2011	2016–2018
Nigeria	58.0	61.7	63.3	58.0	7.7	8.3	9.3	7.0
North Macedonia	71.0	73.3	78.0	82.7	26.3	29.7	31.7	35.0
Norway	105.0	104.7	109.3	112.7	64.0	63.0	64.3	67.0
Oman	75.4	74.7	88.0	84.4	37.7	37.3	45.6	42.0
Pakistan	59.3	59.3	63.3	65.7	22.0	23.3	25.3	25.7
Palau								
Panama	64.7	66.0	74.0	79.3	35.7	35.0	39.0	42.0
Papua New Guinea								
Paraguay	76.1	70.0	66.4	67.7	39.0	31.3	30.7	27.3
Peru	63.3	65.0	71.7	76.7	21.3	22.7	25.3	29.0
Philippines	53.7	56.7	60.0	62.0	22.0	23.0	24.7	25.7
Poland	99.3	98.3	101.0	104.3	49.7	49.0	51.7	57.0
Portugal	112.7	113.0	113.0	114.3	67.7	68.0	69.3	72.0
Qatar								
Republic of Korea	87.3	87.7	93.0	98.0	36.7	38.3	43.7	49.7
Republic of Moldova	68.7	73.7	70.0	61.7	25.0	32.3	33.0	29.3
Romania	98.6	107.3	105.7	108.7	43.7	52.0	51.0	54.0
Russian Federation	86.3	93.0	100.0	101.3	41.7	46.3	53.7	54.0
Rwanda	45.0	48.4	55.3	59.3	3.0	4.0	5.7	8.0
Saint Kitts and Nevis	76.3	74.7	73.7	81.0	47.7	46.7	46.0	52.0
Saint Lucia	86.7	87.7	84.0	85.7	54.3	54.6	51.3	52.3
Saint Vincent and the Grenadines	69.3	80.0	86.3	89.3	35.7	44.0	48.3	49.7
Samoa	76.3	76.0	80.3	88.0	46.0	44.7	48.0	52.7
San Marino								
Sao Tome and Principe	51.0	57.0	55.3	53.0	12.0	16.0	16.7	16.3
Saudi Arabia	82.0	82.4	86.7	88.3	31.3	32.0	35.7	34.6
Senegal	55.6	57.0	60.0	62.0	16.3	15.7	16.0	13.7
Serbia		25.5	80.7	83.7		11.3	36.7	41.3
Seychelles								
Sierra Leone	44.4	50.0	54.7	50.3	6.7	10.7	14.0	11.0
Singapore								
Slovakia	71.7	72.7	73.0	69.3	33.7	35.3	36.0	37.3
Slovenia	99.7	98.3	99.7	97.0	58.3	57.3	57.3	52.0
Solomon Islands	51.0	53.3	55.7	53.6	14.0	15.3	16.7	15.3
Somalia								
South Africa	75.3	78.0	81.7	83.7	25.0	29.0	33.0	36.0
South Sudan								
Spain	113.0	109.3	106.3	107.0	72.7	70.3	66.7	66.0
Sri Lanka	52.3	53.3	57.0	64.3	13.0	12.3	14.7	17.0
Sudan				72.3				20.0
Suriname	56.3	57.0	61.7	60.7	24.7	24.0	27.0	25.0
Sweden	103.7	107.7	107.0	105.7	69.3	72.0	70.3	68.0
Switzerland	94.0	91.7	94.3	95.7	58.3	58.0	59.7	60.0

TABLE 43.
AVERAGE PROTEIN SUPPLY BY ORIGIN (G PER CAPITA PER DAY) (CONTINUED)

COUNTRY	AVERAGE PROTEIN SUPPLY				AVERAGE SUPPLY OF PROTEIN OF ANIMAL ORIGIN			
	2000–2002	2004–2006	2009–2011	2016–2018	2000–2002	2004–2006	2009–2011	2016–2018
Syrian Arab Republic								
Tajikistan	49.0	50.0	51.7	53.3	8.7	9.7	11.0	12.0
Thailand	58.0	59.3	58.7	62.3	22.3	23.3	23.0	26.7
Timor-Leste	52.0	53.0	55.3	58.0	18.0	15.3	16.3	16.7
Togo	49.6	51.4	55.0	57.7	6.3	6.3	7.7	8.3
Tonga								
Trinidad and Tobago	68.0	71.3	76.3	85.0	30.7	35.7	38.3	43.7
Tunisia	89.3	89.7	96.7	99.7	24.0	24.0	25.3	28.0
Turkey	103.7	103.0	102.4	109.3	24.3	26.3	30.0	37.7
Turkmenistan	81.4	88.3	91.3	89.3	29.4	33.7	38.3	36.0
Tuvalu								
Uganda	49.7	51.6	54.3	47.6	8.3	11.3	12.0	11.3
Ukraine	81.7	88.3	86.7	87.3	33.3	40.0	41.3	37.3
United Arab Emirates	108.8	104.1	99.9	111.7	51.8	45.5	39.5	50.7
United Kingdom of Great Britain and Northern Ireland	99.7	103.3	102.0	104.0	55.3	58.3	57.3	58.3
United Republic of Tanzania	53.4	54.3	54.7	60.0	9.0	9.3	9.3	11.3
United States of America	113.3	114.7	109.3	112.7	72.7	74.0	70.0	72.7
Uruguay	87.7	79.3	87.7	83.7	53.3	42.0	49.7	44.0
Uzbekistan	66.3	73.3	79.0	93.3	22.7	25.0	27.0	35.0
Vanuatu	62.3	64.3	67.7	63.7	25.0	24.0	27.3	26.7
Venezuela (Bolivarian Republic of)	63.3	63.7	77.7	56.4	31.7	30.3	39.7	24.7
Viet Nam	56.0	64.0	75.7	96.0	15.3	21.0	29.7	37.7
Yemen	57.0	55.0	58.0	52.0	10.3	12.7	12.3	9.0
Zambia	46.0	47.7	51.4	59.3	9.0	8.7	9.0	12.0
Zimbabwe	46.7	49.7	52.0	43.3	9.7	10.3	12.0	11.0

Complete series are available at <http://www.fao.org/faostat/en/#data/FS>

TABLE 44.
AVERAGE DIETARY SUPPLY ADEQUACY (PERCENT)

COUNTRY	2000–2002	2004–2006	2009–2011	2013–2015	2014–2016	2015–2017	2016–2018	2017–2019	2018–2020
World	115	115	119	122	122	123	123	123	124
Africa	107	109	112	113	114	113	113	113	112
Asia	110	110	115	119	120	121	122	122	123
Latin America and the Caribbean	121	122	124	126	126	126	125	126	126
Northern America and Europe	136	138	137	138	138	139	139	139	140
Oceania	117	118	121	124	125	125	125	125	125
Afghanistan	87	92	100	103	106	106	106	107	106
Albania	122	121	132	134	133	135	136	136	137
Algeria	127	131	139	148	149	149	149	150	151
Andorra									
Angola	74	84	107	118	117	116	116	116	116
Antigua and Barbuda	90	95	95	98	98	99	99	100	100
Argentina	132	128	130	135	136	136	136	136	136
Armenia	94	111	118	125	126	126	125	124	124
Australia	124	126	130	135	137	137	137	137	136
Austria	145	144	147	145	144	144	145	146	147
Azerbaijan	100	118	124	128	128	129	130	131	131
Bahamas	115	112	109	109	107	107	107	107	107
Bahrain									
Bangladesh	108	110	108	109	109	110	111	113	114
Barbados	113	114	117	119	118	118	118	118	119
Belarus	122	121	131	131	132	132	134	135	135
Belgium	147	145	146	148	149	149	148	148	149
Belize	122	122	120	117	117	118	120	121	121
Benin	109	116	122	124	125	125	125	125	124
Bhutan									
Bolivia (Plurinational State of)	97	97	101	105	107	108	109	109	109
Bosnia and Herzegovina	119	125	128	131	130	131	131	132	133
Botswana	99	99	96	102	103	102	102	101	102
Brazil	122	128	132	134	133	133	133	134	134
Brunei Darussalam	123	127	125	129	129	129	129	129	129
Bulgaria	111	109	110	113	113	112	114	114	115
Burkina Faso	109	116	122	125	125	125	125	124	124
Burundi									
Cabo Verde	108	113	107	106	106	106	106	106	107
Cambodia	101	106	109	115	116	116	118	119	120
Cameroon	101	107	119	123	123	123	123	123	124
Canada	140	139	137	137	137	138	141	143	145
Central African Republic	92	92	100	87	86	86	88	87	86
Chad	92	94	97	103	105	105	106	105	104
Chile	121	123	121	123	124	124	124	124	124
China	116	117	125	131	133	134	135	136	137
Colombia	124	122	117	125	126	124	123	121	122

TABLE 44.
AVERAGE DIETARY SUPPLY ADEQUACY (PERCENT) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2013–2015	2014–2016	2015–2017	2016–2018	2017–2019	2018–2020
Comoros	98	106	103	103	102	103	102	101	99
Congo	100	95	92	95	93	93	93	93	93
Costa Rica	117	118	120	119	120	121	123	124	124
Côte d'Ivoire	116	120	116	122	126	128	129	129	129
Croatia	110	120	121	122	123	124	124	124	124
Cuba	128	135	133	138	138	139	139	138	137
Cyprus	106	102	104	114	119	120	120	120	120
Czechia	122	128	128	126	126	127	129	130	130
Democratic People's Republic of Korea	91	92	86	87	88	87	86	86	86
Democratic Republic of the Congo	92	92	92	91	91	91	91	91	90
Denmark	131	134	133	132	132	132	133	133	134
Djibouti	88	96	103	108	109	110	111	111	111
Dominica	125	120	122	121	121	121	121	120	120
Dominican Republic	100	101	109	115	117	118	120	121	121
Ecuador	100	99	110	114	114	113	112	112	112
Egypt	142	137	141	144	145	145	144	143	141
El Salvador	120	116	113	114	114	115	117	118	118
Equatorial Guinea									
Eritrea									
Estonia	116	120	127	125	125	124	125	127	129
Eswatini	112	115	104	109	110	109	110	111	112
Ethiopia	86	91	98	107	110	112	112	111	111
Fiji	123	124	123	121	117	117	117	118	119
Finland	123	125	129	131	131	131	131	131	132
France	146	142	142	139	140	141	141	141	141
Gabon	120	119	115	118	120	118	117	116	117
Gambia	107	103	113	115	116	115	114	114	113
Georgia	116	124	123	118	114	114	114	115	116
Germany	136	139	142	140	140	140	140	140	141
Ghana	114	121	131	129	129	129	130	133	134
Greece	141	140	140	137	134	134	133	134	135
Grenada	95	97	98	97	98	98	98	98	98
Guatemala	105	110	114	113	114	115	116	116	116
Guinea	117	121	121	124	125	125	126	128	129
Guinea-Bissau	111	110	111	102	99	100	101	101	100
Guyana	122	121	120	122	121	122	123	124	125
Haiti	87	85	92	93	93	93	91	91	91
Honduras	107	107	114	116	116	116	117	117	117
Hungary	123	128	123	124	126	128	130	131	132
Iceland	126	133	132	138	140	142	143	145	146
India	104	100	105	108	108	109	110	111	112
Indonesia	106	108	116	123	125	126	127	127	126
Iran (Islamic Republic of)	130	128	126	129	130	130	128	127	127

TABLE 44.
AVERAGE DIETARY SUPPLY ADEQUACY (PERCENT) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2013–2015	2014–2016	2015–2017	2016–2018	2017–2019	2018–2020
Iraq	103	108	104	98	97	97	98	98	98
Ireland	148	141	142	149	151	153	155	157	158
Israel	159	159	155	155	154	154	155	155	154
Italy	146	144	145	140	138	138	138	139	140
Jamaica	115	115	111	111	111	112	112	114	114
Japan	117	114	110	112	112	112	112	112	113
Jordan	117	125	121	121	123	120	118	117	116
Kazakhstan	116	122	129	135	135	134	132	132	134
Kenya	94	96	98	100	100	98	97	98	99
Kiribati	130	128	129	138	141	141	140	139	138
Kuwait	135	147	141	139	140	139	139	140	140
Kyrgyzstan	106	114	115	116	116	116	116	117	118
Lao People's Democratic Republic	96	100	103	112	116	117	118	119	119
Latvia	116	125	126	129	130	130	131	132	133
Lebanon	118	112	113	117	123	122	121	120	119
Lesotho	103	110	114	104	96	97	99	103	100
Liberia	98	100	102	99	100	100	100	99	97
Libya									
Lithuania	131	136	135	137	137	138	139	139	140
Luxembourg	137	138	138	135	135	135	135	135	135
Madagascar	95	97	98	92	90	89	89	89	88
Malawi	106	108	118	120	121	121	121	121	120
Malaysia	124	122	122	121	119	120	120	120	120
Maldives	108	98	101	98	99	96	93	91	90
Mali	111	116	133	137	137	137	136	134	132
Malta	137	136	137	135	135	135	135	136	137
Marshall Islands									
Mauritania	124	122	130	130	128	128	128	128	128
Mauritius	123	125	127	125	125	125	125	125	126
Mexico	140	138	132	132	133	133	133	133	133
Micronesia (Federated States of)									
Mongolia	95	95	103	112	116	118	120	122	125
Montenegro	106	117	139	138	138	140	141	142	143
Morocco	133	137	137	143	144	143	144	143	144
Mozambique	98	101	107	103	99	97	97	98	98
Myanmar	90	98	114	119	121	122	123	123	123
Namibia	108	105	95	104	107	109	109	109	110
Nauru									
Nepal	105	109	115	123	126	128	129	129	128
Netherlands	126	125	124	125	126	126	127	128	129
New Zealand	127	127	127	127	127	127	128	128	129
Nicaragua	102	107	111	113	112	113	114	113	112
Niger	107	113	119	121	122	123	124	124	124

TABLE 44.
AVERAGE DIETARY SUPPLY ADEQUACY (PERCENT) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2013–2015	2014–2016	2015–2017	2016–2018	2017–2019	2018–2020
Nigeria	121	125	124	121	122	121	120	119	118
North Macedonia	110	115	119	119	120	120	121	122	124
Norway	135	137	137	135	135	133	133	132	132
Oman	112	115	115	120	118	117	117	117	117
Pakistan	108	106	106	108	109	109	110	110	111
Palau									
Panama	100	103	114	120	121	122	123	124	124
Papua New Guinea	99	98	102	101	100	99	99	100	100
Paraguay	117	115	114	116	116	116	116	117	117
Peru	104	105	114	120	120	120	120	120	121
Philippines	110	114	116	115	115	117	120	122	123
Poland	135	132	135	135	135	137	139	141	142
Portugal	142	142	140	138	137	137	138	139	140
Qatar									
Republic of Korea	123	123	130	134	136	137	138	139	141
Republic of Moldova	98	94	93	92	93	94	95	96	96
Romania	131	139	143	140	139	141	142	144	145
Russian Federation	118	127	132	135	136	136	136	137	138
Rwanda	97	99	103	100	100	100	101	101	100
Saint Kitts and Nevis	110	105	109	105	106	109	109	107	105
Saint Lucia	113	110	106	105	105	105	105	105	104
Saint Vincent and the Grenadines	107	115	120	121	120	120	120	120	120
Samoa	125	128	127	130	130	129	130	130	131
San Marino									
Sao Tome and Principe	107	113	106	108	107	108	108	108	108
Saudi Arabia	133	133	129	134	136	136	137	136	136
Senegal	98	103	110	109	112	113	115	116	116
Serbia	115	118	118	114	113	113	113	114	115
Seychelles	125	126	127	127	127	127	127	128	129
Sierra Leone	85	88	103	105	104	105	104	105	105
Singapore									
Slovakia	109	110	115	111	110	110	112	113	114
Slovenia	121	124	127	127	127	127	128	128	129
Solomon Islands	110	113	115	110	110	111	111	112	113
Somalia	80	80	69	75	78	80	79	80	79
South Africa	122	123	124	122	121	121	121	120	120
South Sudan									
Spain	131	126	126	127	129	130	132	133	134
Sri Lanka	103	105	109	114	117	118	119	119	120
Sudan	105	108	111	118	117	116	116	116	116
Suriname	109	111	116	116	115	114	114	114	113
Sweden	122	122	124	126	126	126	126	126	127
Switzerland	134	134	135	132	132	132	131	131	130
Syrian Arab Republic			96	130	124	120	118	117	117

TABLE 44.
AVERAGE DIETARY SUPPLY ADEQUACY (PERCENT) (CONTINUED)

COUNTRY	2000–2002	2004–2006	2009–2011	2013–2015	2014–2016	2015–2017	2016–2018	2017–2019	2018–2020
Tajikistan	87	89	91	94	95	97	98	99	99
Thailand	107	112	112	114	114	113	113	114	115
Timor-Leste	92	98	97	102	104	104	104	105	106
Togo	97	102	109	110	109	108	108	108	109
Tonga									
Trinidad and Tobago	116	114	118	124	123	123	123	123	123
Tunisia	136	136	141	145	147	147	147	147	147
Turkey	156	155	154	154	154	155	155	156	156
Turkmenistan	115	122	122	124	126	126	125	124	123
Tuvalu									
Uganda	113	115	110	102	98	95	93	94	95
Ukraine	119	129	127	126	126	125	125	125	125
United Arab Emirates	123	111	116	126	127	126	125	124	124
United Kingdom of Great Britain and Northern Ireland	137	138	134	135	136	136	135	134	133
United Republic of Tanzania	98	102	105	110	111	111	111	111	111
United States of America	150	152	145	146	147	148	148	148	149
Uruguay	119	118	125	129	130	130	131	132	133
Uzbekistan	100	103	120	135	136	136	136	136	136
Vanuatu	126	128	132	127	124	122	121	121	121
Venezuela (Bolivarian Republic of)	105	109	124	116	109	103	97	97	94
Viet Nam	103	110	118	123	124	125	126	127	127
Yemen	101	99	104	99	94	92	91	92	92
Zambia	85	85	89	93	94	94	93	93	92
Zimbabwe	94	97	92	90	89	86	85	81	79

Complete series are available at <http://www.fao.org/faostat/en/#data/FS>

TABLE 45.
CHILDREN UNDER 5 YEARS WHO ARE STUNTED (PERCENT)

COUNTRY	2000	2005	2010	2015	2016	2017	2018	2019	2020
World	33.1	30.7	27.7	24.4	23.8	23.4	22.9	22.4	22.0
Africa	41.5	39.1	35.9	32.8	32.4	32.0	31.6	31.2	30.7
Asia	37.0	33.9	30.1	25.3	24.5	23.8	23.1	22.4	21.8
Latin America and the Caribbean	18.0	15.7	13.5	12.0	11.9	11.8	11.6	11.4	11.3
Northern America and Europe									
Oceania									
Afghanistan	54.6	52.2	47.2	41.1	39.9	38.6	37.4	36.3	35.1
Albania	29.7	27.5	20.3	14.3	13.3	12.4	11.4	10.4	9.6
Algeria	22.1	17.9	13.7	11.1	10.7	10.2	9.9	9.5	9.3
Andorra									
Angola	47.8	35.8	31.9	34.4	35.2	36.1	36.8	37.4	37.7
Antigua and Barbuda									
Argentina	10.5	9.0	8.0	7.8	7.8	7.7	7.7	7.7	7.8
Armenia	17.7	19.3	15.6	12.0	11.2	10.6	10.0	9.5	9.1
Australia	1.3	1.6	2.0	2.1	2.1	2.1	2.1	2.1	2.1
Austria									
Azerbaijan	24.3	23.1	18.4	16.5	16.4	16.4	16.3	16.3	16.3
Bahamas									
Bahrain	11.0	8.6	6.8	5.8	5.6	5.5	5.3	5.2	5.1
Bangladesh	56.0	47.1	40.2	35.0	34.0	33.0	32.0	31.0	30.2
Barbados	8.3	8.0	7.9	7.2	7.1	6.9	6.8	6.6	6.6
Belarus	4.9	4.5	4.1	3.9	3.9	3.9	3.9	3.9	3.9
Belgium	4.0	3.4	2.8	2.5	2.5	2.4	2.4	2.4	2.3
Belize	25.2	22.8	19.0	15.6	15.1	14.6	14.1	13.7	13.3
Benin	36.8	36.1	34.6	33.2	32.9	32.7	32.4	31.9	31.3
Bhutan	46.5	40.3	33.0	26.4	25.4	24.5	23.7	23.0	22.4
Bolivia (Plurinational State of)	33.4	28.8	22.4	17.2	16.1	15.1	14.2	13.4	12.7
Bosnia and Herzegovina	12.7	10.9	9.8	9.0	9.0	9.1	9.1	9.1	9.1
Botswana	31.5	28.9	25.9	23.5	23.5	23.6	23.5	23.2	22.8
Brazil	9.8	7.5	6.6	6.1	6.1	6.1	6.1	6.1	6.1
Brunei Darussalam	20.9	20.5	18.4	15.7	15.0	14.3	13.7	13.2	12.7
Bulgaria	10.0	9.1	7.9	7.1	7.0	6.9	6.8	6.6	6.4
Burkina Faso	41.5	42.0	37.1	29.3	28.3	27.4	26.7	26.1	25.5
Burundi	62.3	60.4	57.4	56.3	56.3	56.5	56.8	57.2	57.6
Cabo Verde	18.0	14.8	13.2	11.0	10.7	10.5	10.2	9.9	9.7
Cambodia	51.1	44.8	37.5	31.3	30.7	30.4	30.2	30.0	29.9
Cameroon	37.3	36.5	33.6	30.8	30.2	29.5	28.9	28.1	27.2
Canada									
Central African Republic	43.4	43.1	41.8	41.7	41.6	41.4	41.0	40.5	40.1
Chad	42.5	41.5	39.6	37.4	36.9	36.4	36.0	35.5	35.0
Chile	2.9	2.3	2.0	1.8	1.7	1.7	1.6	1.6	1.6
China, mainland	20.1	13.0	8.7	6.1	5.9	5.5	5.2	4.9	4.7
Colombia	17.5	15.4	13.3	12.4	12.2	12.0	11.8	11.6	11.5
Comoros	42.4	38.8	34.7	28.7	27.4	26.2	24.9	23.7	22.6

TABLE 45.
CHILDREN UNDER 5 YEARS WHO ARE STUNTED (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2016	2017	2018	2019	2020
Congo	36.4	30.7	25.1	21.5	21.0	20.3	19.6	18.8	18.0
Costa Rica	7.7	6.6	6.7	7.5	7.7	7.9	8.2	8.4	8.6
Côte d'Ivoire	33.6	34.0	31.4	25.3	23.5	22.0	20.6	19.1	17.8
Croatia									
Cuba	7.2	7.3	7.1	7.1	7.1	7.1	7.1	7.0	7.0
Cyprus									
Czechia	2.7	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Democratic People's Republic of Korea	54.4	40.4	29.0	22.6	21.7	20.7	19.8	18.9	18.2
Democratic Republic of the Congo	47.8	45.8	43.6	41.7	41.7	41.6	41.5	41.2	40.8
Denmark									
Djibouti	30.0	29.8	30.8	33.1	33.5	33.7	33.9	34.0	34.0
Dominica									
Dominican Republic	10.6	9.0	8.4	7.4	7.1	6.9	6.6	6.2	5.9
Ecuador	28.2	27.9	25.4	23.3	23.3	23.4	23.5	23.4	23.1
Egypt	26.9	25.1	23.7	21.9	22.0	22.1	22.2	22.3	22.3
El Salvador	28.8	23.0	17.6	13.5	12.8	12.4	12.0	11.6	11.2
Equatorial Guinea	39.3	33.9	27.8	23.4	22.8	22.0	21.2	20.5	19.7
Eritrea	47.7	47.0	49.4	50.4	50.3	50.2	49.9	49.5	49.1
Estonia	2.1	1.6	1.4	1.3	1.3	1.2	1.2	1.2	1.2
Eswatini	36.8	34.5	31.1	26.4	25.6	24.7	24.1	23.3	22.6
Ethiopia	57.5	50.7	44.7	40.1	39.2	38.2	37.3	36.3	35.3
Fiji	5.9	7.8	8.5	8.0	7.7	7.6	7.5	7.5	7.5
Finland									
France									
Gabon	25.8	23.8	18.8	15.9	15.6	15.4	15.1	14.8	14.4
Gambia	29.8	26.6	23.7	20.4	19.6	18.8	17.9	16.9	16.1
Georgia	16.2	14.3	10.3	7.6	7.0	6.6	6.3	5.9	5.7
Germany	1.5	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6
Ghana	33.3	30.0	24.8	18.9	17.9	17.0	16.1	15.1	14.2
Greece	2.7	2.3	2.1	2.1	2.1	2.2	2.2	2.2	2.2
Grenada									
Guatemala	53.8	53.0	49.1	46.2	45.7	45.2	44.7	43.6	42.8
Guinea	34.2	35.5	34.7	32.7	32.2	31.5	30.9	30.2	29.4
Guinea-Bissau	33.9	31.9	30.5	28.9	28.9	28.8	28.7	28.4	28.0
Guyana	15.0	16.9	16.0	11.9	11.2	10.6	10.0	9.5	9.0
Haiti	30.9	27.6	25.1	22.3	21.8	21.5	21.2	20.7	20.4
Honduras	37.5	30.4	24.1	21.9	21.6	21.3	20.9	20.4	19.9
Hungary									
Iceland									
India	49.8	48.2	44.5	37.5	36.2	34.8	33.5	32.1	30.9
Indonesia	41.5	38.3	35.7	32.9	32.5	32.3	32.2	32.0	31.8
Iran (Islamic Republic of)	14.5	8.4	6.3	6.2	6.2	6.2	6.2	6.3	6.3
Iraq	28.4	26.3	21.8	16.2	15.3	14.4	13.4	12.5	11.6
Ireland									

TABLE 45.
CHILDREN UNDER 5 YEARS WHO ARE STUNTED (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2016	2017	2018	2019	2020
Israel									
Italy									
Jamaica	7.4	6.2	6.4	7.5	7.7	7.9	8.1	8.3	8.5
Japan	8.4	7.6	6.9	6.1	6.0	5.8	5.7	5.6	5.5
Jordan	11.0	9.7	8.2	7.7	7.7	7.7	7.6	7.5	7.3
Kazakhstan	17.7	15.3	12.3	9.1	8.6	8.1	7.6	7.1	6.7
Kenya	38.9	36.8	30.7	24.3	23.4	22.5	21.5	20.4	19.4
Kiribati	20.4	18.1	16.3	15.6	15.6	15.6	15.5	15.3	14.9
Kuwait	4.2	4.2	4.5	5.3	5.4	5.6	5.7	5.8	6.0
Kyrgyzstan	29.9	23.1	17.7	13.6	13.0	12.4	12.1	11.7	11.4
Lao People's Democratic Republic	49.7	47.6	43.2	36.5	35.1	33.7	32.4	31.2	30.2
Latvia									
Lebanon	16.0	16.6	15.7	11.4	11.2	11.0	10.9	10.6	10.4
Lesotho	41.0	41.8	39.7	34.4	33.8	33.2	32.9	32.4	32.1
Liberia	45.1	41.4	37.3	33.3	32.3	31.3	30.3	28.8	28.0
Libya	20.5	22.6	26.2	34.8	36.4	38.3	40.1	41.5	43.5
Lithuania									
Luxembourg									
Madagascar	55.2	52.2	49.1	45.3	44.4	43.4	42.4	41.3	40.2
Malawi	55.7	52.8	46.8	40.2	39.5	39.1	38.5	37.8	37.0
Malaysia	20.0	18.3	17.9	19.1	19.5	19.9	20.3	20.6	20.9
Maldives	33.6	24.9	18.3	16.2	15.8	15.5	15.1	14.6	14.2
Mali	40.0	36.3	32.2	29.1	28.4	27.7	27.0	26.3	25.7
Malta									
Marshall Islands	38.2	35.7	37.6	35.0	34.8	34.3	33.5	32.8	32.2
Mauritania	40.4	32.3	27.9	26.0	25.7	25.5	25.1	24.7	24.2
Mauritius	12.7	10.1	9.2	8.9	8.9	8.9	8.8	8.8	8.7
Mexico	20.3	16.4	13.5	12.4	12.4	12.5	12.4	12.2	12.1
Micronesia (Federated States of)									
Mongolia	29.4	23.3	15.2	10.1	9.4	8.7	8.1	7.6	7.1
Montenegro	8.7	8.5	8.3	8.0	8.0	8.0	8.1	8.1	8.1
Morocco	25.2	20.3	17.4	15.1	14.7	14.2	13.8	13.4	12.9
Mozambique	50.5	45.9	43.1	41.7	40.8	40.0	39.2	38.4	37.8
Myanmar	47.0	39.1	33.2	29.5	28.6	27.8	26.9	26.1	25.2
Namibia	30.3	28.6	25.9	21.7	20.8	20.1	19.5	18.9	18.4
Nauru	26.8	25.3	21.6	18.2	17.5	16.9	16.3	15.5	15.0
Nepal	57.9	49.5	42.8	36.4	35.0	33.8	32.5	31.4	30.4
Netherlands	1.3	1.4	1.5	1.5	1.5	1.5	1.6	1.6	1.6
New Zealand									
Nicaragua	25.3	21.6	18.4	16.0	15.5	15.1	14.7	14.4	14.1
Niger	52.1	51.0	49.2	47.2	47.1	47.0	46.9	46.8	46.7
Nigeria	42.3	40.7	38.8	37.0	36.7	36.5	36.1	35.7	35.3
North Macedonia	8.8	8.7	6.6	5.0	4.8	4.6	4.4	4.2	4.1
Norway									

TABLE 45.
CHILDREN UNDER 5 YEARS WHO ARE STUNTED (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2016	2017	2018	2019	2020
Oman	15.1	12.3	11.3	11.7	11.8	11.9	12.0	12.1	12.2
Pakistan	42.1	43.8	44.2	41.3	40.4	39.4	38.5	37.5	36.7
Palau									
Panama	18.5	20.7	20.9	18.1	17.3	16.7	16.0	15.4	14.7
Papua New Guinea	41.9	44.0	46.6	47.5	47.6	47.9	48.1	48.3	48.4
Paraguay	18.3	16.5	11.5	7.3	6.6	6.0	5.5	5.0	4.6
Peru	31.7	28.0	21.8	15.0	13.9	13.0	12.1	11.4	10.8
Philippines	35.7	34.0	32.7	31.1	30.5	29.9	29.9	29.4	28.7
Poland	3.3	2.7	2.4	2.3	2.3	2.3	2.3	2.3	2.3
Portugal	4.9	4.5	4.0	3.6	3.5	3.4	3.4	3.3	3.3
Qatar	9.4	7.3	6.2	5.6	5.4	5.1	4.9	4.7	4.6
Republic of Korea	2.9	2.6	2.3	2.2	2.2	2.2	2.2	2.2	2.2
Republic of Moldova	12.3	9.9	7.8	6.2	5.9	5.6	5.4	5.1	4.9
Romania	13.7	12.7	11.1	10.2	10.1	10.1	10.0	9.9	9.7
Russian Federation									
Rwanda	49.1	50.1	44.1	36.7	35.9	35.1	34.3	33.4	32.6
Saint Kitts and Nevis									
Saint Lucia	3.8	3.1	2.8	2.6	2.6	2.7	2.7	2.7	2.8
Saint Vincent and the Grenadines									
Samoa	6.1	5.4	5.6	5.8	5.9	6.1	6.4	6.6	6.8
San Marino									
Sao Tome and Principe	31.1	24.5	20.1	15.6	14.7	13.8	13.1	12.4	11.8
Saudi Arabia	13.3	8.9	6.2	4.7	4.5	4.4	4.2	4.1	3.9
Senegal	25.4	21.9	19.9	19.5	19.2	18.7	18.3	17.8	17.2
Serbia	9.7	8.1	6.5	6.0	5.9	5.8	5.7	5.5	5.3
Seychelles	10.9	8.8	8.1	7.9	7.8	7.8	7.6	7.5	7.4
Sierra Leone	38.7	39.2	37.4	32.6	31.7	30.6	28.8	27.7	26.8
Singapore	4.4	3.9	3.3	3.0	3.0	2.9	2.9	2.9	2.8
Slovakia									
Slovenia									
Solomon Islands	34.0	34.2	33.0	30.5	30.2	30.0	29.7	29.5	29.3
Somalia	31.9	32.6	31.9	29.7	29.3	28.8	28.3	27.9	27.4
South Africa	28.1	27.6	24.1	23.1	23.0	22.9	23.0	23.1	23.2
South Sudan	38.9	35.6	32.8	31.4	31.3	31.2	31.0	30.8	30.6
Spain									
Sri Lanka	20.6	18.3	17.2	16.3	16.3	16.2	16.2	16.1	16.0
Sudan	40.8	38.6	36.7	35.3	35.0	34.7	34.4	34.1	33.7
Suriname	13.9	10.9	9.1	8.5	8.5	8.4	8.3	8.2	8.0
Sweden									
Switzerland									
Syrian Arab Republic	28.1	28.8	26.9	30.5	31.2	31.1	30.9	30.3	29.6
Tajikistan	41.6	36.9	29.5	21.2	19.6	18.2	17.0	16.0	15.3
Thailand	16.9	16.4	14.9	12.9	12.8	12.7	12.6	12.4	12.3
Timor-Leste	54.8	57.1	54.4	50.9	50.3	49.9	49.5	49.1	48.8

TABLE 45.
CHILDREN UNDER 5 YEARS WHO ARE STUNTED (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2016	2017	2018	2019	2020
Togo	35.2	32.0	28.6	26.0	25.6	25.2	24.8	24.3	23.8
Tonga	12.9	10.2	7.8	4.9	4.3	3.8	3.3	3.0	2.6
Trinidad and Tobago	5.9	7.0	8.2	8.6	8.7	8.7	8.7	8.7	8.7
Tunisia	12.9	11.1	9.5	8.8	8.8	8.7	8.7	8.6	8.6
Turkey									
Turkmenistan	27.4	20.4	14.7	10.4	9.7	9.1	8.5	8.0	7.6
Tuvalu	12.1	10.5	10.1	9.9	9.9	9.9	9.8	9.8	9.7
Uganda	44.0	40.2	36.0	30.7	29.9	29.3	28.8	28.4	27.9
Ukraine	22.4	20.8	19.2	18.9	19.1	18.9	18.3	17.5	15.9
United Arab Emirates									
United Kingdom of Great Britain and Northern Ireland									
United Republic of Tanzania	47.7	43.6	40.6	35.3	34.8	34.2	33.6	32.8	32.0
United States of America	3.1	2.7	2.7	2.9	2.9	3.0	3.1	3.1	3.2
Uruguay	14.6	12.2	9.8	7.8	7.5	7.2	6.9	6.7	6.5
Uzbekistan	29.5	21.0	15.8	12.1	11.5	11.1	10.7	10.3	9.9
Vanuatu	25.1	26.3	27.0	27.9	28.2	28.4	28.5	28.6	28.7
Venezuela (Bolivarian Republic of)	17.8	16.7	13.6	11.2	10.9	10.8	10.7	10.6	10.6
Viet Nam	41.8	32.9	27.6	24.4	23.9	23.6	23.0	22.7	22.3
Yemen	55.2	55.0	50.1	43.1	41.7	40.5	39.3	38.2	37.2
Zambia	54.0	50.1	44.0	37.6	36.2	35.0	33.8	32.9	32.3
Zimbabwe	32.4	34.6	33.7	26.8	25.8	24.9	24.2	23.5	23.0

Complete series are available at <http://www.fao.org/faostat/en/#data/FS>

TABLE 46.
PREVALENCE OF OBESITY IN THE ADULT POPULATION (PERCENT)

COUNTRY	2000	2005	2010	2011	2012	2013	2014	2015	2016
World	8.7	9.9	11.2	11.5	11.8	12.1	12.5	12.8	13.1
Africa	7.9	9.3	10.8	11.1	11.5	11.8	12.1	12.4	12.8
Asia	3.4	4.3	5.5	5.8	6.1	6.4	6.7	7.0	7.3
Latin America and the Caribbean	16.6	18.9	21.2	21.7	22.2	22.7	23.2	23.7	24.2
Northern America and Europe	19.5	21.7	24.0	24.5	25.0	25.4	25.9	26.4	26.9
Oceania	19.5	22.1	24.7	25.3	25.8	26.4	27.0	27.5	28.1
Afghanistan	2.3	3.0	4.0	4.2	4.4	4.7	4.9	5.2	5.5
Albania	13.2	15.4	18.2	18.8	19.3	19.9	20.5	21.1	21.7
Algeria	17.4	20.2	23.3	24.0	24.7	25.3	26.0	26.7	27.4
Andorra	22.2	23.4	24.4	24.6	24.8	25.0	25.2	25.4	25.6
Angola	3.6	4.8	6.2	6.5	6.8	7.1	7.5	7.9	8.2
Antigua and Barbuda	12.7	14.4	16.2	16.7	17.1	17.5	18.0	18.4	18.9
Argentina	20.7	23.0	25.3	25.8	26.3	26.8	27.3	27.8	28.3
Armenia	14.2	15.7	17.5	17.9	18.3	18.8	19.2	19.7	20.2
Australia	20.2	22.9	25.6	26.2	26.7	27.3	27.9	28.4	29.0
Austria	14.0	15.8	17.6	18.0	18.4	18.8	19.2	19.7	20.1
Azerbaijan	12.5	14.3	16.6	17.2	17.7	18.2	18.8	19.3	19.9
Bahamas	23.9	26.2	28.5	29.0	29.5	30.0	30.5	31.0	31.6
Bahrain	22.9	24.7	26.6	27.1	27.6	28.2	28.8	29.3	29.8
Bangladesh	1.3	1.8	2.5	2.6	2.8	3.0	3.2	3.4	3.6
Barbados	15.1	17.4	19.8	20.4	20.9	21.4	22.0	22.5	23.1
Belarus	18.8	20.5	22.3	22.7	23.0	23.4	23.7	24.1	24.5
Belgium	17.0	18.5	20.1	20.4	20.7	21.0	21.4	21.7	22.1
Belize	16.4	18.7	21.0	21.5	22.0	22.5	23.0	23.6	24.1
Benin	5.0	6.2	7.6	7.9	8.2	8.6	8.9	9.3	9.6
Bhutan	2.4	3.4	4.6	4.9	5.2	5.5	5.7	6.1	6.4
Bolivia (Plurinational State of)	13.2	15.2	17.4	17.9	18.3	18.8	19.3	19.7	20.2
Bosnia and Herzegovina	12.6	14.0	15.6	16.0	16.3	16.7	17.1	17.5	17.9
Botswana	13.1	15.1	16.9	17.2	17.5	17.9	18.2	18.6	18.9
Brazil	14.5	16.8	19.2	19.6	20.1	20.6	21.1	21.6	22.1
Brunei Darussalam	7.2	9.0	11.1	11.6	12.1	12.6	13.1	13.6	14.1
Bulgaria	18.6	20.4	22.4	22.8	23.2	23.7	24.1	24.5	25.0
Burkina Faso	2.1	2.9	4.0	4.2	4.5	4.7	5.0	5.3	5.6
Burundi	2.4	3.1	4.0	4.2	4.4	4.6	4.9	5.1	5.4
Cabo Verde	6.3	7.9	9.6	9.9	10.3	10.7	11.0	11.4	11.8
Cambodia	1.5	2.0	2.7	2.9	3.1	3.3	3.5	3.7	3.9
Cameroon	5.8	7.3	9.0	9.4	9.8	10.2	10.6	11.0	11.4
Canada	20.5	23.3	26.0	26.6	27.1	27.7	28.3	28.8	29.4
Central African Republic	3.9	4.8	5.9	6.1	6.4	6.6	6.9	7.2	7.5
Chad	2.9	3.7	4.7	4.9	5.1	5.3	5.6	5.8	6.1
Chile	20.6	22.8	25.1	25.6	26.1	26.5	27.0	27.5	28.0
China	2.4	3.2	4.4	4.7	5.0	5.2	5.5	5.9	6.2
Colombia	15.4	17.4	19.5	20.0	20.4	20.9	21.4	21.9	22.3
Comoros	4.1	5.1	6.2	6.4	6.7	6.9	7.2	7.5	7.8

TABLE 46.
PREVALENCE OF OBESITY IN THE ADULT POPULATION (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2011	2012	2013	2014	2015	2016
Congo	5.2	6.3	7.7	8.0	8.3	8.6	8.9	9.2	9.6
Costa Rica	14.8	18.0	21.4	22.2	22.9	23.6	24.3	25.0	25.7
Côte d'Ivoire	5.0	6.3	7.9	8.3	8.7	9.0	9.4	9.8	10.3
Croatia	17.5	19.4	21.6	22.0	22.5	22.9	23.4	23.9	24.4
Cuba	17.3	19.4	21.7	22.2	22.6	23.1	23.6	24.1	24.6
Cyprus	16.4	18.2	19.8	20.1	20.4	20.7	21.1	21.4	21.8
Czechia	21.0	22.3	23.9	24.2	24.5	24.9	25.2	25.6	26.0
Democratic People's Republic of Korea	4.0	4.7	5.5	5.7	5.9	6.1	6.3	6.5	6.8
Democratic Republic of the Congo	3.1	4.0	5.1	5.3	5.6	5.9	6.1	6.4	6.7
Denmark	14.0	15.7	17.4	17.8	18.1	18.5	18.9	19.3	19.7
Djibouti	9.3	10.5	11.8	12.0	12.3	12.6	12.9	13.2	13.5
Dominica	19.4	21.8	24.5	25.0	25.6	26.2	26.8	27.3	27.9
Dominican Republic	16.0	19.3	23.0	23.8	24.5	25.3	26.1	26.9	27.6
Ecuador	13.2	15.2	17.2	17.6	18.1	18.5	19.0	19.4	19.9
Egypt	22.2	24.9	28.0	28.6	29.3	30.0	30.6	31.3	32.0
El Salvador	15.6	18.4	21.1	21.7	22.2	22.8	23.4	24.0	24.6
Equatorial Guinea	4.3	5.2	6.3	6.5	6.8	7.1	7.4	7.7	8.0
Eritrea	2.3	2.9	3.7	3.9	4.1	4.3	4.5	4.8	5.0
Estonia	17.4	18.4	19.6	19.9	20.1	20.4	20.7	20.9	21.2
Eswatini	10.7	12.4	14.1	14.5	14.9	15.3	15.7	16.1	16.5
Ethiopia	1.9	2.5	3.3	3.4	3.6	3.8	4.0	4.3	4.5
Fiji	21.0	23.7	26.5	27.1	27.7	28.3	28.9	29.5	30.2
Finland	16.4	18.2	20.0	20.3	20.7	21.1	21.4	21.8	22.2
France	15.8	17.6	19.3	19.7	20.1	20.4	20.8	21.2	21.6
Gabon	9.3	11.1	12.8	13.2	13.5	13.9	14.3	14.6	15.0
Gambia	4.8	6.3	8.0	8.4	8.7	9.1	9.5	9.9	10.3
Georgia	13.7	15.7	18.2	18.7	19.3	19.9	20.5	21.1	21.7
Germany	16.3	18.0	19.9	20.3	20.7	21.1	21.5	21.9	22.3
Ghana	5.5	7.0	8.7	9.1	9.4	9.8	10.1	10.5	10.9
Greece	18.5	20.4	22.4	22.8	23.2	23.6	24.0	24.4	24.9
Grenada	13.5	15.7	18.1	18.6	19.1	19.6	20.2	20.7	21.3
Guatemala	12.9	15.3	17.8	18.4	18.9	19.5	20.0	20.6	21.2
Guinea	3.7	4.7	5.9	6.2	6.4	6.7	7.0	7.4	7.7
Guinea-Bissau	4.3	5.6	7.2	7.6	7.9	8.3	8.7	9.1	9.5
Guyana	11.9	14.3	16.8	17.4	17.9	18.4	19.0	19.6	20.2
Haiti	10.9	13.9	17.7	18.6	19.4	20.2	21.0	21.8	22.7
Honduras	12.6	15.0	17.8	18.4	19.0	19.5	20.1	20.8	21.4
Hungary	19.6	21.3	23.5	24.0	24.5	25.0	25.4	25.9	26.4
Iceland	16.0	17.8	19.6	20.0	20.3	20.7	21.1	21.5	21.9
India	1.6	2.1	2.8	3.0	3.1	3.3	3.5	3.7	3.9
Indonesia	2.6	3.6	4.9	5.2	5.5	5.8	6.1	6.5	6.9
Iran (Islamic Republic of)	16.6	19.1	22.1	22.7	23.3	24.0	24.6	25.2	25.8
Iraq	22.2	24.4	26.9	27.5	28.0	28.6	29.2	29.8	30.4
Ireland	16.0	18.7	21.6	22.2	22.8	23.4	24.0	24.7	25.3

TABLE 46.
PREVALENCE OF OBESITY IN THE ADULT POPULATION (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2011	2012	2013	2014	2015	2016
Israel	21.1	22.7	24.2	24.5	24.8	25.1	25.5	25.8	26.1
Italy	15.0	16.5	18.1	18.3	18.7	19.0	19.3	19.6	19.9
Jamaica	15.9	18.4	21.1	21.7	22.3	22.9	23.5	24.1	24.7
Japan	2.1	2.6	3.3	3.5	3.6	3.8	3.9	4.1	4.3
Jordan	26.4	29.2	31.9	32.5	33.1	33.7	34.3	34.9	35.5
Kazakhstan	14.0	15.9	18.0	18.5	19.0	19.5	20.0	20.5	21.0
Kenya	3.2	4.2	5.4	5.6	5.9	6.2	6.5	6.8	7.1
Kiribati	34.9	38.9	42.2	42.8	43.5	44.1	44.7	45.3	46.0
Kuwait	29.6	32.0	34.6	35.1	35.6	36.2	36.8	37.4	37.9
Kyrgyzstan	9.6	11.3	13.4	13.9	14.4	14.9	15.5	16.0	16.6
Lao People's Democratic Republic	1.7	2.5	3.5	3.8	4.1	4.4	4.7	5.0	5.3
Latvia	19.3	20.5	21.8	22.1	22.4	22.7	23.0	23.3	23.6
Lebanon	24.6	26.3	28.7	29.2	29.7	30.3	30.8	31.4	32.0
Lesotho	10.0	11.9	14.1	14.5	14.9	15.3	15.7	16.2	16.6
Liberia	5.6	6.6	8.0	8.3	8.6	8.9	9.2	9.6	9.9
Libya	23.5	26.0	28.8	29.4	30.0	30.6	31.3	31.9	32.5
Lithuania	21.6	22.9	24.4	24.7	25.0	25.3	25.6	26.0	26.3
Luxembourg	15.8	17.9	20.0	20.4	20.9	21.3	21.7	22.2	22.6
Madagascar	2.3	3.0	3.9	4.1	4.3	4.5	4.8	5.1	5.3
Malawi	2.7	3.4	4.4	4.6	4.8	5.0	5.3	5.5	5.8
Malaysia	7.0	9.4	12.0	12.6	13.1	13.7	14.3	14.9	15.6
Maldives	3.0	4.2	5.9	6.3	6.7	7.2	7.6	8.1	8.6
Mali	3.8	5.0	6.5	6.8	7.2	7.5	7.9	8.2	8.6
Malta	23.1	25.0	26.8	27.1	27.5	27.8	28.2	28.5	28.9
Marshall Islands	43.7	46.7	49.6	50.1	50.7	51.3	51.8	52.4	52.9
Mauritania	6.7	8.4	10.3	10.6	11.0	11.4	11.8	12.3	12.7
Mauritius	6.8	7.9	9.1	9.3	9.6	9.9	10.2	10.5	10.8
Mexico	20.8	23.3	25.8	26.3	26.8	27.3	27.8	28.3	28.9
Micronesia (Federated States of)	34.7	37.9	41.5	42.2	42.9	43.7	44.4	45.1	45.8
Mongolia	11.6	13.8	16.7	17.3	17.9	18.6	19.2	19.9	20.6
Montenegro	16.2	18.6	20.8	21.2	21.6	22.0	22.4	22.8	23.3
Morocco	16.7	19.2	22.1	22.8	23.4	24.1	24.7	25.4	26.1
Mozambique	3.7	4.6	5.7	5.9	6.1	6.4	6.7	6.9	7.2
Myanmar	2.2	3.0	4.0	4.3	4.6	4.8	5.1	5.4	5.8
Namibia	9.5	11.6	14.0	14.6	15.1	15.6	16.1	16.7	17.2
Nauru	55.1	57.0	58.9	59.3	59.6	60.0	60.3	60.7	61.0
Nepal	1.6	2.1	2.9	3.1	3.3	3.5	3.7	3.9	4.1
Netherlands	13.0	15.4	17.7	18.2	18.6	19.1	19.5	20.0	20.4
New Zealand	21.5	24.4	27.2	27.8	28.4	29.0	29.6	30.2	30.8
Nicaragua	15.6	17.9	20.4	20.9	21.5	22.0	22.5	23.1	23.7
Niger	2.5	3.2	4.1	4.3	4.5	4.8	5.0	5.2	5.5
Nigeria	4.0	5.2	6.7	7.0	7.4	7.7	8.1	8.5	8.9
North Macedonia	17.1	18.5	20.1	20.5	20.8	21.2	21.6	22.0	22.4
Norway	16.0	18.2	20.4	20.8	21.3	21.7	22.2	22.6	23.1

TABLE 46.
PREVALENCE OF OBESITY IN THE ADULT POPULATION (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2011	2012	2013	2014	2015	2016
Oman	18.0	20.0	23.1	23.7	24.3	24.9	25.6	26.3	27.0
Pakistan	3.9	5.1	6.5	6.8	7.1	7.5	7.8	8.2	8.6
Palau	45.0	48.2	51.8	52.4	53.1	53.7	54.2	54.8	55.3
Panama	14.7	17.2	19.6	20.1	20.6	21.1	21.6	22.2	22.7
Papua New Guinea	13.3	15.5	17.9	18.5	19.0	19.6	20.1	20.7	21.3
Paraguay	12.3	14.7	17.2	17.7	18.2	18.7	19.2	19.8	20.3
Peru	13.5	15.3	17.3	17.7	18.1	18.5	18.9	19.3	19.7
Philippines	3.3	4.1	5.0	5.2	5.4	5.7	5.9	6.2	6.4
Poland	17.5	19.1	20.8	21.2	21.5	21.9	22.3	22.7	23.1
Portugal	13.7	15.9	18.1	18.6	19.0	19.5	19.9	20.4	20.8
Qatar	26.2	28.7	31.1	31.8	32.4	33.1	33.8	34.5	35.1
Republic of Korea	2.9	3.4	3.9	4.0	4.1	4.3	4.4	4.5	4.7
Republic of Moldova	14.2	15.5	16.9	17.2	17.5	17.8	18.2	18.5	18.9
Romania	16.2	17.8	19.8	20.2	20.7	21.1	21.6	22.1	22.5
Russian Federation	19.0	20.2	21.4	21.7	21.9	22.2	22.5	22.8	23.1
Rwanda	2.3	3.2	4.2	4.5	4.7	5.0	5.3	5.6	5.8
Saint Kitts and Nevis	14.4	16.7	19.3	19.8	20.4	21.0	21.6	22.3	22.9
Saint Lucia	12.9	14.8	16.5	17.0	17.4	18.0	18.5	19.1	19.7
Saint Vincent and the Grenadines	14.6	17.2	20.0	20.6	21.2	21.8	22.4	23.1	23.7
Samoa	36.7	40.2	43.4	44.1	44.7	45.4	46.0	46.7	47.3
San Marino									
Sao Tome and Principe	6.3	8.0	10.0	10.3	10.7	11.2	11.6	12.0	12.4
Saudi Arabia	26.2	28.4	31.5	32.1	32.8	33.4	34.1	34.7	35.4
Senegal	4.7	5.8	7.1	7.3	7.6	7.9	8.2	8.5	8.8
Serbia	15.5	17.3	19.2	19.6	20.0	20.3	20.7	21.1	21.5
Seychelles	8.6	10.0	11.7	12.0	12.4	12.8	13.2	13.5	14.0
Sierra Leone	4.4	5.5	6.8	7.1	7.4	7.7	8.0	8.3	8.7
Singapore	4.4	4.9	5.4	5.5	5.6	5.7	5.8	6.0	6.1
Slovakia	15.5	16.9	18.4	18.8	19.1	19.4	19.8	20.1	20.5
Slovenia	15.1	16.5	18.1	18.4	18.8	19.1	19.5	19.8	20.2
Solomon Islands	13.5	15.9	18.7	19.3	19.9	20.6	21.2	21.9	22.5
Somalia	4.1	5.2	6.4	6.7	7.0	7.3	7.6	7.9	8.3
South Africa	19.7	22.3	25.1	25.6	26.1	26.7	27.2	27.8	28.3
South Sudan									
Spain	18.3	20.0	21.7	22.0	22.4	22.7	23.1	23.4	23.8
Sri Lanka	2.1	2.8	3.7	3.9	4.1	4.4	4.6	4.9	5.2
Sudan									
Suriname	18.9	21.2	23.5	24.0	24.4	24.9	25.4	25.9	26.4
Sweden	14.6	16.3	18.2	18.6	19.0	19.4	19.8	20.2	20.6
Switzerland	13.9	15.5	17.3	17.6	18.0	18.4	18.7	19.1	19.5
Syrian Arab Republic	18.2	20.7	23.8	24.4	25.1	25.8	26.4	27.1	27.8
Tajikistan	8.0	9.4	11.3	11.8	12.2	12.7	13.2	13.7	14.2
Thailand	3.7	5.0	7.0	7.4	7.9	8.4	8.9	9.4	10.0
Timor-Leste	1.4	1.9	2.6	2.8	2.9	3.1	3.3	3.6	3.8

TABLE 46.
PREVALENCE OF OBESITY IN THE ADULT POPULATION (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2011	2012	2013	2014	2015	2016
Togo	4.1	5.2	6.5	6.8	7.1	7.4	7.8	8.1	8.4
Tonga	37.0	40.6	44.1	44.7	45.4	46.1	46.8	47.5	48.2
Trinidad and Tobago	10.6	12.9	15.3	15.8	16.3	16.9	17.4	18.0	18.6
Tunisia	18.2	20.7	23.4	24.0	24.6	25.1	25.7	26.3	26.9
Turkey	22.2	25.1	28.2	28.9	29.5	30.2	30.8	31.5	32.1
Turkmenistan	11.0	12.9	15.3	15.8	16.3	16.9	17.4	18.0	18.6
Tuvalu	39.3	43.1	47.0	47.8	48.6	49.4	50.1	50.9	51.6
Uganda	2.4	3.1	3.9	4.1	4.3	4.5	4.8	5.0	5.3
Ukraine	19.1	20.5	22.0	22.4	22.7	23.0	23.4	23.7	24.1
United Arab Emirates	21.8	24.5	27.7	28.3	29.0	29.7	30.3	31.0	31.7
United Kingdom of Great Britain and Northern Ireland	18.6	21.4	24.2	24.8	25.4	26.0	26.6	27.2	27.8
United Republic of Tanzania	3.8	4.9	6.3	6.6	6.9	7.3	7.6	8.0	8.4
United States of America	25.5	29.0	32.3	33.0	33.6	34.3	34.9	35.6	36.2
Uruguay	20.6	22.8	25.1	25.5	26.0	26.5	27.0	27.5	27.9
Uzbekistan	9.8	11.4	13.5	13.9	14.4	14.9	15.4	16.0	16.6
Vanuatu	15.6	18.4	21.3	22.0	22.6	23.2	23.9	24.5	25.2
Venezuela (Bolivarian Republic of)	19.4	21.4	23.3	23.7	24.0	24.4	24.8	25.2	25.6
Viet Nam	0.6	0.9	1.4	1.5	1.6	1.7	1.8	2.0	2.1
Yemen	8.8	11.0	13.5	14.1	14.6	15.2	15.9	16.5	17.1
Zambia	4.2	5.1	6.3	6.5	6.8	7.1	7.4	7.7	8.1
Zimbabwe	10.5	12.2	13.8	14.1	14.3	14.6	14.9	15.2	15.5

Complete series are available at <http://www.fao.org/faostat/en/#data/FS>

CHAPTER 4: SUSTAINABILITY AND ENVIRONMENTAL ASPECTS OF AGRICULTURE

TABLE 47.
LAND AREA BY TYPE (THOUSAND HA)

COUNTRY	FOREST LAND			AGRICULTURAL LAND			OTHER LAND		
	2000	2010	2019	2000	2010	2019	2000	2010	2019
World	4 158 049.5	4 106 316.9	4 063 843.1	4 879 532.2	4 795 848.5	4 752 110.7	3 967 816.5	4 092 572.1	4 187 863.5
Africa	710 048.8	676 015.4	640 608.6	1 091 282.2	1 138 134.8	1 118 601.3	1 163 491.4	1 165 618.4	1 231 013.4
Americas	1 674 994.0	1 624 344.3	1 599 319.3	1 152 787.9	1 140 587.1	1 127 759.8	1 040 125.7	1 100 399.3	1 137 838.5
Asia	587 410.0	610 959.9	621 427.4	1 677 859.4	1 659 361.7	1 667 953.6	844 857.5	839 646.7	820 706.9
Europe	1 002 268.2	1 013 982.4	1 017 238.7	484 549.4	467 645.2	462 609.1	727 087.8	731 614.8	730 456.9
Oceania	183 328.4	181 015.0	185 249.0	473 053.4	390 119.8	375 187.0	192 254.0	255 293.0	267 847.8
Afghanistan	1 208.4	1 208.4	1 208.4	37 753.0	37 911.0	38 010.0	26 261.6	26 103.6	26 004.6
Albania	769.3	782.1	788.9	1 144.0	1 201.3	1 174.0	826.7	756.6	775.1
Algeria	1 579.0	1 918.0	1 939.0	40 021.0	41 374.0	41 358.8	196 574.0	194 882.0	194 876.3
Andorra	16.0	16.0	16.0	23.0	19.8	18.8	8.0	11.2	12.2
Angola	77 708.6	72 158.0	67 162.4	46 961.4	52 512.0	56 952.5	0.0	0.0	555.1
Antigua and Barbuda	9.5	8.8	8.2	9.0	9.0	9.0	25.6	26.2	26.8
Argentina	33 378.0	30 214.0	28 681.0	128 510.0	126 267.9	108 381.8	111 781.0	117 187.1	136 606.2
Armenia	332.6	330.6	328.7	1 323.0	1 735.0	1 677.0	1 191.4	781.4	474.1
Australia	131 814.1	129 546.1	134 005.1	455 469.0	376 372.0	362 477.0	180 946.9	240 103.9	251 395.9
Austria	3 838.1	3 863.2	3 895.6	2 940.2	2 779.2	2 651.2	1 479.7	1 614.7	1 705.2
Azerbaijan	987.2	1 032.5	1 120.2	4 740.4	4 766.8	4 779.8	2 532.9	2 466.3	2 365.5
Bahamas	509.9	509.9	509.9	13.0	15.0	14.0	478.1	476.1	477.1
Bahrain	0.4	0.5	0.7	9.2	8.6	8.6	61.4	67.1	69.0
Bangladesh	1 920.3	1 888.3	1 883.4	9 400.0	9 241.0	9 397.0	1 696.7	1 887.7	1 736.6
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	8 753.1	9 252.0	8 898.0	8 387.0	2 759.8	2 762.2	3 152.4
Belgium	667.3	689.9	689.3	1 389.6	1 355.7	1 356.4	971.1	982.4	980.0
Belize	1 459.3	1 391.4	1 288.2	149.0	157.0	172.0	672.7	732.6	820.8
Benin	4 135.2	3 635.2	3 185.2	3 195.0	3 650.0	3 950.0	3 945.9	3 990.9	4 140.9
Bhutan	2 606.0	2 705.3	2 723.1	530.0	520.0	513.0	844.0	586.4	577.9
Bolivia (Plurinational State of)	55 101.4	53 086.0	51 033.8	37 143.0	37 516.0	37 787.0	16 085.6	17 728.0	19 509.2
Bosnia and Herzegovina	2 111.7	2 102.7	2 187.9	2 130.0	2 144.0	2 216.0	878.4	873.3	716.1
Botswana	17 620.7	16 437.7	15 373.0	25 951.0	25 861.0	25 862.0	13 101.3	14 374.3	15 438.0
Brazil	551 088.6	511 580.7	497 798.5	228 323.5	231 834.2	236 878.8	56 401.9	92 399.1	101 136.7
Brunei Darussalam	397.0	380.0	380.0	10.0	13.4	13.4	120.0	133.6	133.6
Bulgaria	3 375.0	3 737.0	3 880.0	5 582.0	5 052.0	5 037.0	2 106.0	2 067.0	1 939.0
Burkina Faso	7 216.5	6 716.5	6 266.4	9 770.0	12 080.0	12 100.0	10 373.5	8 563.5	8 993.6
Burundi	193.9	193.9	279.6	1 867.0	1 833.0	2 033.0	507.1	541.1	255.4
Cabo Verde	39.7	42.7	45.4	71.0	78.0	79.0	292.3	282.3	278.9
Cambodia	10 781.0	10 589.2	8 224.1	4 770.0	5 455.0	5 566.0	2 101.0	1 607.8	3 861.9
Cameroon	21 597.5	20 900.5	20 396.5	9 160.0	9 700.0	9 750.0	16 513.5	16 670.5	17 124.5
Canada	347 802.0	347 322.2	346 965.1	61 287.0	58 280.0	58 157.0	487 470.0	490 956.8	490 276.9
Central African Republic	22 903.0	22 603.0	22 333.0	5 149.0	5 080.0	5 080.0	34 246.0	34 615.0	34 885.0
Chad	6 353.0	5 530.0	4 422.0	48 630.0	49 235.0	50 238.0	70 937.0	71 155.0	71 260.0

TABLE 47.
LAND AREA BY TYPE (THOUSAND HA) (CONTINUED)

COUNTRY	FOREST LAND			AGRICULTURAL LAND			OTHER LAND		
	2000	2010	2019	2000	2010	2019	2000	2010	2019
Chile	15 817.1	16 725.3	18 087.8	15 110.0	15 743.0	15 671.0	43 426.1	41 884.9	40 594.4
China	177 000.6	200 610.4	218 098.6	523 731.0	528 916.8	528 509.2	241 738.5	212 942.9	195 862.5
Colombia	62 735.5	60 807.8	59 341.2	44 859.0	42 503.0	49 696.0	3 355.5	7 639.2	1 912.8
Comoros	41.7	37.3	33.4	133.0	133.0	131.0	11.4	15.8	21.7
Congo	22 195.0	22 075.0	21 961.0	10 540.0	10 576.0	10 628.0	1 415.0	1 499.0	1 561.0
Costa Rica	2 857.2	2 871.2	3 018.5	1 840.0	1 819.0	1 775.5	408.8	415.8	312.0
Côte d'Ivoire	5 094.5	3 965.6	2 949.6	19 600.0	20 600.0	21 200.0	7 105.6	7 234.4	7 650.4
Croatia	1 885.0	1 920.0	1 936.6	1 169.0	1 333.8	1 504.0	2 537.0	2 342.2	2 034.4
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	172.6	141.5	114.5	125.2	610.9	636.7	626.0
Czechia	2 637.3	2 657.4	2 675.3	4 280.0	3 523.9	3 523.7	809.7	1 541.8	1 521.6
Democratic People's Republic of Korea	6 454.7	6 242.4	6 051.3	2 550.0	2 680.0	2 630.0	3 036.3	3 118.6	3 359.7
Democratic Republic of the Congo	143 899.0	137 169.0	127 256.6	25 600.0	26 000.0	31 500.0	57 206.0	63 536.0	67 948.4
Denmark	571.6	586.5	627.5	2 647.0	2 626.0	2 626.0	781.4	787.5	746.1
Djibouti	5.6	5.6	5.7	1 601.0	1 701.6	1 702.0	711.4	610.8	610.3
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	2 136.0	2 515.0	2 397.0	2 429.0	343.5	360.9	266.0
Ecuador	13 730.5	13 028.2	12 562.1	8 066.0	7 497.7	5 330.0	3 039.5	4 310.1	6 943.9
Egypt	59.2	65.6	45.0	3 291.0	3 671.0	3 836.0	96 194.8	95 808.4	95 664.1
El Salvador	673.9	628.9	588.4	1 375.2	1 267.5	1 195.7	22.9	175.6	287.9
Equatorial Guinea	2 615.6	2 532.0	2 456.8	334.0	273.0	284.0	0.0	0.0	64.2
Eritrea	1 118.5	1 086.9	1 058.4	7 530.0	7 592.0	7 592.0	1 451.5	3 439.1	3 467.4
Estonia	2 238.9	2 336.0	2 438.4	986.0	948.8	988.4	1 014.1	954.2	920.2
Eswatini	473.3	485.4	496.4	1 223.0	1 222.0	1 222.0	23.7	12.6	1.7
Ethiopia	18 528.5	17 798.5	17 141.5	30 662.0	35 683.0	37 903.0	50 809.5	59 375.6	57 811.6
Fiji	1 006.5	1 073.2	1 133.3	428.0	425.0	425.0	392.5	328.8	268.7
Finland	22 445.6	22 242.0	22 409.0	2 218.0	2 291.9	2 274.0	5 795.4	5 856.1	5 710.0
France	15 288.0	16 419.0	17 169.6	29 807.4	28 926.3	28 621.2	9 661.3	9 410.4	8 964.9
Gabon	23 700.0	23 649.4	23 542.5	2 067.0	2 117.6	2 212.6	0.0	0.0	11.9
Gambia	357.3	300.0	248.4	552.0	615.0	605.0	102.7	97.0	158.6
Georgia	2 760.6	2 822.4	2 822.4	3 000.0	2 460.0	2 367.8	1 188.4	1 666.6	1 758.8
Germany	11 354.0	11 409.0	11 419.0	17 068.0	16 700.0	16 666.0	6 473.0	6 748.0	5 209.0
Ghana	8 848.6	7 942.9	7 978.5	13 905.4	13 451.2	12 603.7	0.0	1 359.9	2 171.8
Greece	3 600.2	3 901.8	3 901.8	8 529.0	7 489.0	6 103.6	760.8	1 499.2	2 878.6
Grenada	17.7	17.7	17.7	12.0	8.0	8.0	4.3	8.3	8.3
Guatemala	4 209.2	3 722.6	3 539.4	4 465.0	3 962.1	3 856.0	2 041.8	3 031.3	3 320.6
Guinea	6 929.0	6 569.0	6 229.0	13 489.0	14 300.0	14 500.0	4 154.0	3 703.0	3 843.0
Guinea-Bissau	2 148.9	2 064.4	1 988.5	663.1	747.6	815.1	0.0	0.0	8.4
Guyana	18 564.2	18 519.8	18 424.5	1 120.8	1 165.2	1 241.3	0.0	0.0	19.2
Haiti	380.7	378.4	350.4	1 690.0	1 870.0	1 840.0	685.4	507.6	565.6

TABLE 47.
LAND AREA BY TYPE (THOUSAND HA) (CONTINUED)

COUNTRY	FOREST LAND			AGRICULTURAL LAND			OTHER LAND		
	2000	2010	2019	2000	2010	2019	2000	2010	2019
Honduras	6 778.3	6 575.5	6 380.2	2 935.0	3 270.0	3 511.0	1 475.7	1 343.5	1 297.8
Hungary	1 921.2	2 046.4	2 054.5	5 854.0	5 343.0	5 278.0	1 186.8	1 663.6	1 575.5
Iceland	29.8	44.7	50.7	1 889.0	1 874.0	1 872.0	8 106.2	8 106.3	8 160.3
India	67 591.0	69 496.0	71 893.6	180 975.0	179 573.0	179 578.0	48 753.0	48 250.0	45 847.4
Indonesia	101 280.0	99 659.2	92 738.7	47 177.0	55 600.0	62 300.0	39 294.9	32 492.7	32 713.2
Iran (Islamic Republic of)	9 325.7	10 692.0	10 743.5	62 884.0	46 539.4	47 013.0	90 666.3	105 644.6	105 119.5
Iraq	818.0	825.0	825.0	8 300.0	8 220.0	9 250.0	34 619.0	34 387.0	33 337.8
Ireland	630.4	720.4	778.0	4 412.0	4 568.0	4 524.0	1 846.6	1 600.6	1 587.0
Israel	153.0	154.0	140.0	566.0	504.5	638.4	1 445.0	1 505.5	1 385.6
Italy	8 369.3	9 028.0	9 512.3	15 637.0	14 327.8	13 121.0	5 565.6	6 216.0	6 909.4
Jamaica	521.0	558.5	593.0	479.0	444.0	444.0	83.0	80.6	46.0
Japan	24 876.0	24 966.0	24 935.0	5 258.0	4 593.0	4 397.0	6 316.0	6 891.0	7 118.0
Jordan	97.5	97.5	97.5	1 069.0	1 002.3	1 030.3	7 657.5	7 778.2	7 751.6
Kazakhstan	3 156.9	3 082.2	3 425.4	215 393.3	217 161.8	214 453.2	51 419.8	49 726.0	52 091.4
Kenya	3 961.2	3 616.3	3 611.1	26 671.0	27 320.0	27 630.0	26 281.8	25 977.7	25 672.9
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	1 297.1	10 714.0	10 611.9	10 368.4	7 285.1	7 338.4	7 514.5
Lao People's Democratic Republic	17 425.0	16 940.5	16 630.0	1 806.0	2 220.0	2 394.0	3 849.0	3 919.5	4 056.0
Latvia	3 241.0	3 372.1	3 406.9	1 588.0	1 805.0	1 960.0	1 393.7	1 045.6	855.8
Lebanon	138.2	137.4	142.7	595.0	640.0	658.0	289.8	245.7	222.3
Lesotho	34.5	34.5	34.5	2 334.0	2 326.0	2 142.0	667.5	675.5	859.5
Liberia	8 222.6	7 920.0	7 647.7	1 409.4	1 712.0	1 954.0	0.0	0.0	30.3
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	2 200.0	3 418.0	2 772.3	2 975.0	830.0	1 325.2	1 087.0
Luxembourg	86.7	88.7	88.7	128.0	131.0	131.6	28.3	23.3	35.5
Madagascar	13 030.7	12 562.0	12 443.0	40 500.0	40 895.0	40 895.0	4 623.3	4 697.0	4 842.0
Malawi	3 081.7	2 661.7	2 283.7	4 730.0	5 685.0	5 650.0	1 616.3	1 081.3	1 494.3
Malaysia	19 691.4	18 947.7	19 164.2	6 938.7	7 389.3	8 571.0	6 225.0	6 518.1	5 119.8
Maldives	0.8	0.8	0.8	9.0	6.9	6.4	20.2	22.3	22.8
Mali	13 296.0	13 296.0	13 296.0	38 600.0	41 051.0	41 201.0	70 123.0	67 672.0	67 522.0
Malta	0.4	0.4	0.5	9.0	10.3	10.4	22.7	21.3	21.2
Marshall Islands	9.4	9.4	9.4	12.0	13.0	8.6			0.0
Mauritania	421.6	367.2	318.3	39 750.0	39 711.0	39 661.0	62 898.4	62 991.8	63 090.7
Mauritius	41.9	38.4	38.7	101.0	91.0	86.0	60.1	73.6	78.3
Mexico	68 381.4	66 943.3	65 819.9	106 330.0	101 807.0	96 106.0	19 683.7	24 607.7	32 455.2
Micronesia (Federated States of)	63.9	64.1	64.4	22.5	22.0	22.0			
Mongolia	14 263.9	14 183.9	14 173.9	130 470.0	114 210.0	113 373.5	10 622.1	26 962.1	28 074.9
Montenegro		827.0	827.0		512.0	257.0		6.0	261.0
Morocco	5 506.5	5 674.6	5 732.1	30 652.0	29 988.3	29 611.9	8 471.5	8 967.1	9 198.1

TABLE 47.
LAND AREA BY TYPE (THOUSAND HA) (CONTINUED)

COUNTRY	FOREST LAND			AGRICULTURAL LAND			OTHER LAND		
	2000	2010	2019	2000	2010	2019	2000	2010	2019
Mozambique	41 188.0	38 972.1	36 966.1	37 450.0	39 665.9	41 413.8	0.0	0.0	258.1
Myanmar	34 868.1	31 441.0	28 833.6	10 812.0	12 526.0	12 798.4	19 673.9	21 359.0	23 638.0
Namibia	8 059.1	7 349.0	6 709.9	38 820.0	38 809.0	38 810.0	35 449.9	36 171.0	36 809.1
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	4 121.0	4 305.1	4 247.0	4 252.0
Netherlands	359.5	373.5	368.6	1 956.0	1 872.3	1 816.8	1 060.5	1 127.2	1 181.6
New Zealand	9 850.4	9 848.1	9 865.5	15 413.0	11 408.0	10 345.0	1 067.6	5 074.9	6 120.5
Nicaragua	5 399.3	4 188.2	3 507.5	5 141.0	5 026.0	5 065.0	1 493.7	2 819.9	3 461.5
Niger	1 328.1	1 203.9	1 092.1	37 000.0	43 982.0	46 600.0	88 341.9	81 484.1	78 977.9
Nigeria	24 893.0	23 260.0	21 790.3	66 184.0	67 817.0	69 123.5	0.0	0.0	163.3
North Macedonia	957.6	960.4	1 001.5	1 235.0	1 119.0	1 265.0	350.5	442.6	255.5
Norway	12 113.0	12 102.0	12 172.2	1 042.0	1 005.9	981.8	23 369.4	23 416.5	23 355.3
Oman	3.0	3.0	2.5	1 173.0	1 443.2	1 461.4	29 774.0	29 503.8	29 486.1
Pakistan	4 511.3	4 093.7	3 767.2	36 698.0	35 242.0	36 300.0	35 878.7	37 752.3	37 020.8
Palau	39.6	40.6	41.3	4.3	4.3	4.3	2.1	1.1	0.4
Panama	4 442.1	4 328.0	4 225.3	2 230.0	2 266.4	2 259.0	761.9	839.6	933.8
Papua New Guinea	36 278.0	36 178.9	35 889.3	1 005.0	1 190.0	1 190.0	8 003.0	7 917.1	8 206.7
Paraguay	22 991.7	19 570.2	16 381.6	16 738.4	20 159.8	21 824.0	0.0	0.0	1 524.4
Peru	75 297.8	74 049.8	72 503.2	22 919.0	24 023.0	24 478.3	29 783.2	29 927.2	31 018.5
Philippines	7 309.3	6 839.7	7 153.7	11 234.0	12 100.0	12 440.0	11 273.7	10 877.3	10 223.3
Poland	9 059.0	9 329.0	9 471.0	18 413.0	14 449.0	14 523.0	3 157.0	6 850.0	6 451.0
Portugal	3 281.0	3 252.0	3 312.0	3 956.4	3 654.2	3 574.0	1 912.6	2 252.8	2 257.1
Qatar	0.0	0.0	0.0	66.0	66.5	67.0	1 095.0	1 094.5	1 082.0
Republic of Korea	6 476.0	6 387.0	6 297.0	1 973.0	1 773.0	1 637.0	1 197.0	1 560.0	1 826.0
Republic of Moldova	344.4	374.5	386.5	2 544.0	2 465.0	2 261.6	399.6	445.5	620.2
Romania	6 366.0	6 515.0	6 929.1	14 857.0	14 156.0	13 826.0	1 748.0	2 334.0	2 253.0
Russian Federation	809 268.5	815 135.6	815 311.6	217 162.0	215 494.0	215 494.0	611 703.5	607 057.4	606 881.4
Rwanda	287.0	265.0	275.0	1 670.0	1 803.9	1 811.7	510.0	398.1	380.3
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	10.6	10.6	25.8	29.6	29.6
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	162.2	48.0	41.5	75.7	63.7	75.0	45.2
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	52.5	49.0	46.0	44.0			
Saudi Arabia	977.0	977.0	977.0	173 785.0	173 406.0	173 598.0	40 207.0	40 586.0	40 394.0
Senegal	8 853.2	8 468.2	8 108.2	9 027.0	9 458.0	8 878.0	1 372.8	1 326.8	2 266.8
Serbia		2 713.0	2 722.2		3 521.6	3 482.0		2 511.4	2 541.8
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	2 554.6	2 810.0	3 930.4	3 949.0	1 478.6	555.5	714.4
Singapore	17.0	17.7	15.8	1.2	0.7	0.7	48.8	51.7	55.2

TABLE 47.
LAND AREA BY TYPE (THOUSAND HA) (CONTINUED)

COUNTRY	FOREST LAND			AGRICULTURAL LAND			OTHER LAND		
	2000	2010	2019	2000	2010	2019	2000	2010	2019
Slovakia	1 901.4	1 917.9	1 925.9	2 440.0	1 944.7	1 885.0	468.6	946.5	941.1
Slovenia	1 233.0	1 247.0	1 239.9	518.0	623.9	612.3	263.0	143.8	157.3
Solomon Islands	2 537.6	2 530.3	2 523.7	76.0	107.0	117.0	185.4	161.7	158.3
Somalia	7 515.0	6 747.5	6 056.8	44 067.0	44 128.0	44 125.0	11 152.0	11 858.5	12 552.3
South Africa	17 778.1	17 414.1	17 086.5	98 125.0	96 891.0	96 341.0	5 405.9	7 003.9	7 881.5
South Sudan			7 157.0			28 250.9			27 784.9
Spain	17 093.9	18 545.3	18 567.9	29 766.0	27 545.0	26 206.7	3 040.1	3 910.7	5 182.4
Sri Lanka	2 166.4	2 103.6	2 116.2	2 350.0	2 620.0	2 811.6	1 754.6	1 547.4	1 242.0
Sudan			18 531.7			68 186.2			98 205.5
Suriname	15 340.9	15 299.9	15 208.5	88.0	78.3	84.0	171.1	221.8	307.5
Sweden	28 163.0	28 073.0	27 980.0	2 974.1	3 073.7	3 004.8	9 596.9	9 587.3	9 743.6
Switzerland	1 196.2	1 234.7	1 265.7	1 566.0	1 534.6	1 507.2	1 190.2	1 182.3	1 152.0
Syrian Arab Republic	432.1	492.1	522.1	13 711.0	13 908.0	13 921.0	4 234.9	3 962.9	3 919.9
Tajikistan	410.0	410.0	422.8	4 573.0	4 755.7	4 727.7	9 013.0	8 830.3	8 728.5
Thailand	18 998.0	20 073.0	19 909.0	19 834.0	21 060.0	22 110.0	12 257.0	9 956.0	9 070.0
Timor-Leste	949.1	935.1	922.5	337.0	372.0	380.0	200.9	179.9	184.5
Togo	1 268.5	1 238.9	1 212.2	3 630.0	3 665.0	3 820.0	540.5	535.1	406.8
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	228.6	67.0	54.0	54.0	209.4	226.6	230.4
Tunisia	667.9	687.4	701.2	9 551.0	10 038.0	9 743.0	5 317.2	4 810.6	5 091.8
Turkey	20 148.4	21 083.1	22 064.4	40 479.0	39 012.0	37 716.0	16 335.7	16 867.9	17 182.6
Turkmenistan	4 127.0	4 127.0	4 127.0	35 500.0	34 000.0	33 838.0	7 366.0	8 866.0	9 028.0
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	2 379.2	12 512.0	14 265.0	14 415.0	4 306.1	3 036.6	3 257.9
Ukraine	9 510.0	9 548.0	9 684.0	41 406.0	41 267.0	41 311.0	7 019.0	7 117.0	6 364.0
United Arab Emirates	309.4	317.3	317.3	547.0	392.3	390.4	6 245.6	6 392.4	6 393.5
United Kingdom of Great Britain and Northern Ireland	2 954.0	3 059.0	3 182.0	16 964.0	17 224.0	17 521.3	4 275.0	3 910.0	3 195.2
United Republic of Tanzania	53 670.0	49 950.0	46 214.0	34 000.0	37 450.0	39 650.0	910.0	1 180.0	2 716.0
United States of America	303 536.0	308 720.0	309 795.0	414 399.0	406 991.7	405 810.4	198 257.0	199 030.3	199 136.6
Uruguay	1 369.0	1 731.3	2 010.0	14 958.0	14 433.0	14 047.0	1 175.0	1 337.7	1 445.0
Uzbekistan	2 961.5	3 349.6	3 663.8	27 328.0	25 598.0	25 555.3	13 307.0	14 641.6	14 836.4
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	46 272.0	21 635.0	21 500.0	21 500.0	17 419.0	19 200.0	20 433.0
Viet Nam	11 784.1	13 388.1	14 567.2	8 780.0	10 760.1	12 388.0	10 541.9	7 181.2	4 387.7
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	45 002.2	22 498.0	23 436.0	23 836.0	4 787.0	4 207.0	5 500.8
Zimbabwe	18 366.0	17 905.3	17 490.7	15 060.0	16 200.0	16 200.0	5 259.0	4 579.7	4 994.4

Complete series are available at <http://www.fao.org/faostat/en/#data/RL>

TABLE 48.
SHARE OF FOREST AREA IN TOTAL LAND AREA (PERCENT)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
World	32.2	32.0	31.8	31.4	31.3	31.3	31.3	31.2	31.2
Africa	24.9	24.2	23.6	22.1	22.0	21.8	21.7	21.6	21.4
Americas	43.3	42.7	42.0	41.7	41.7	41.6	41.5	41.4	41.4
Asia	18.9	19.3	19.6	19.8	19.8	19.9	19.9	19.9	20.0
Europe	45.4	45.7	45.8	45.9	45.9	45.9	45.9	46.0	46.0
Oceania	21.6	21.5	21.3	21.7	21.7	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	56.1	55.7	55.2	54.8	54.3	53.9
Antigua and Barbuda	21.5	20.7	20.0	19.4	19.2	19.1	18.9	18.8	18.6
Argentina	12.2	11.6	11.0	10.7	10.6	10.6	10.6	10.5	10.5
Armenia	11.7	11.7	11.6	11.6	11.6	11.6	11.6	11.6	11.5
Australia	17.2	17.0	16.9	17.2	17.3	17.4	17.4	17.4	17.4
Austria	46.5	46.7	46.8	47.0	47.0	47.1	47.1	47.2	47.2
Azerbaijan	12.0	12.2	12.5	12.9	13.0	13.2	13.3	13.4	13.6
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	0.8	0.8	0.8	0.9	0.9
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	42.5	42.9	43.0	43.1	43.1
Belgium	22.0	22.4	22.8	22.8	22.8	22.8	22.8	22.8	22.8
Belize	64.0	62.5	61.0	59.0	58.4	57.9	57.5	57.0	56.5
Benin	36.7	34.5	32.2	30.5	30.0	29.6	29.1	28.7	28.3
Bhutan	65.5	69.7	71.0	71.2	71.2	71.2	71.3	71.4	71.4
Bolivia (Plurinational State of)	50.9	49.9	49.0	48.2	48.0	47.8	47.5	47.3	47.1
Bosnia and Herzegovina	41.2	41.2	41.1	42.0	42.2	42.5	42.7	42.7	42.7
Botswana	31.1	30.1	29.0	28.2	28.0	27.8	27.5	27.3	27.1
Brazil	65.9	63.6	61.2	60.5	60.3	60.1	59.8	59.7	59.6
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	35.1	35.3	35.4	35.5	35.6	35.7
Burkina Faso	26.4	25.5	24.6	23.8	23.6	23.5	23.3	23.1	22.9
Burundi	7.6	7.6	7.6	10.2	10.9	10.9	10.9	10.9	10.9
Cabo Verde	9.9	10.2	10.6	10.9	11.0	11.1	11.1	11.2	11.3
Cambodia	61.1	60.5	60.0	52.1	50.1	49.2	48.4	47.5	46.6
Cameroon	45.7	45.0	44.2	43.7	43.6	43.5	43.4	43.3	43.2
Canada	38.8	38.8	38.7	38.7	38.7	38.7	38.7	38.7	38.7
Central African Republic	36.8	36.5	36.3	36.1	36.0	36.0	35.9	35.9	35.9
Chad	5.1	4.7	4.4	4.0	3.9	3.8	3.7	3.6	3.5
Chile	21.3	21.9	22.5	23.4	23.7	23.8	24.0	24.2	24.3
China	18.8	20.0	21.3	22.1	22.3	22.5	22.7	22.9	23.1
Colombia	56.5	55.7	54.8	54.3	54.2	54.0	53.8	53.7	53.5
Comoros	22.4	21.2	20.0	19.1	18.9	18.6	18.4	18.2	17.9

TABLE 48.
SHARE OF FOREST AREA IN TOTAL LAND AREA (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Congo	65.0	64.8	64.6	64.5	64.5	64.4	64.4	64.4	64.3
Costa Rica	56.0	56.1	56.2	57.5	57.8	58.2	58.5	58.8	59.1
Côte d'Ivoire	16.0	14.3	12.5	11.1	10.7	10.3	10.0	9.6	9.3
Croatia	33.7	34.0	34.3	34.3	34.3	34.4	34.5	34.6	34.6
Cuba	22.7	25.2	27.6	30.1	30.6	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	34.5	34.6	34.6	34.6	34.6	34.7
Democratic People's Republic of Korea	53.6	52.7	51.8	51.1	51.0	50.8	50.6	50.4	50.3
Democratic Republic of the Congo	63.5	62.0	60.5	58.6	58.1	57.6	57.1	56.6	56.1
Denmark	14.3	14.5	14.7	15.4	15.6	15.6	15.6	15.7	15.7
Djibouti	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	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	43.4	43.5	43.7	43.9	44.1	44.2
Ecuador	55.3	53.9	52.5	51.8	51.6	51.4	51.1	50.8	50.6
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	29.5	29.3	29.1	28.8	28.6	28.4
Equatorial Guinea	93.3	91.8	90.3	89.1	88.8	88.5	88.2	87.9	87.6
Eritrea	11.1	9.1	9.0	8.9	8.8	8.8	8.8	8.8	8.7
Estonia	52.8	54.0	55.1	55.3	55.7	55.7	56.1	56.1	56.1
Eswatini	27.5	27.9	28.2	28.5	28.6	28.7	28.7	28.8	28.9
Ethiopia	18.5	16.1	15.8	15.5	15.5	15.4	15.3	15.3	15.2
Fiji	55.1	56.9	58.7	60.2	60.6	60.9	61.3	61.7	62.0
Finland	73.7	73.4	73.2	73.6	73.7	73.7	73.7	73.7	73.7
France	27.9	29.0	30.0	30.6	30.8	30.9	31.1	31.2	31.4
Gabon	92.0	91.9	91.8	91.6	91.6	91.5	91.5	91.4	91.4
Gambia	35.3	32.5	29.6	27.4	26.8	26.3	25.7	25.1	24.6
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	34.7	34.6	34.8	35.0	35.0	35.1
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	33.7	33.5	33.4	33.3	33.1	33.0
Guinea	28.2	27.5	26.7	26.2	26.0	25.8	25.7	25.5	25.4
Guinea-Bissau	76.4	74.9	73.4	72.2	71.9	71.6	71.3	71.0	70.7
Guyana	94.3	94.2	94.1	93.8	93.8	93.7	93.7	93.6	93.6
Haiti	13.8	13.8	13.7	13.3	13.2	13.1	12.9	12.8	12.7
Honduras	60.6	59.7	58.8	58.0	57.8	57.6	57.4	57.2	57.0
Hungary	21.4	22.1	22.6	22.6	22.6	22.6	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	23.7	23.8	23.9	24.0	24.1	24.2
Indonesia	53.9	53.5	53.1	51.1	50.6	50.7	50.0	49.7	49.4
Iran (Islamic Republic of)	5.7	6.2	6.6	6.6	6.6	6.6	6.6	6.6	6.6
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	10.9	11.0	11.1	11.2	11.2	11.3

TABLE 48.
SHARE OF FOREST AREA IN TOTAL LAND AREA (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Israel	7.1	7.1	7.1	7.5	7.6	6.5	6.5	6.5	6.5
Italy	28.3	29.4	30.5	31.3	31.4	31.6	31.8	32.0	32.2
Jamaica	48.1	49.8	51.6	53.0	53.3	53.7	54.0	54.4	54.8
Japan	68.3	68.4	68.5	68.5	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	1.2	1.2	1.3	1.3	1.3
Kenya	7.0	6.7	6.4	6.2	6.2	6.2	6.3	6.3	6.3
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	6.5	6.6	6.6	6.7	6.8
Lao People's Democratic Republic	75.5	74.5	73.4	72.8	72.7	72.5	72.4	72.2	72.1
Latvia	52.1	53.1	54.2	54.4	54.5	54.6	54.6	54.7	54.8
Lebanon	13.5	13.5	13.4	13.7	13.7	13.8	13.8	13.9	14.0
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	81.0	80.7	80.3	80.0	79.7	79.4
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	34.9	35.0	35.1	35.1	35.1
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	21.5	21.5	21.4	21.4	21.4
Malawi	32.7	30.5	28.2	26.5	26.0	25.6	25.1	24.7	24.2
Malaysia	59.9	58.8	57.7	58.9	59.2	58.8	58.6	58.5	58.3
Maldives	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
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	1.1	1.2	1.3	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	18.9	18.9	18.9	19.0	19.1	19.1
Mexico	35.2	34.8	34.4	34.2	34.1	34.1	34.0	33.9	33.9
Micronesia (Federated States of)	91.2	91.4	91.6	91.8	91.8	91.9	91.9	91.9	92.0
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	12.7	12.8	12.8	12.8	12.8
Mozambique	52.4	51.0	49.6	48.5	48.3	47.9	47.6	47.3	47.0
Myanmar	53.4	50.7	48.1	46.4	45.9	45.5	45.1	44.6	44.2
Namibia	9.8	9.4	8.9	8.6	8.5	8.4	8.3	8.2	8.2
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	10.7	10.9	11.1	10.9	10.8	10.9	10.9	10.9	11.0
New Zealand	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.5
Nicaragua	44.9	39.8	34.8	32.9	32.5	31.6	30.8	30.0	29.2
Niger	1.1	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9
Nigeria	27.3	26.4	25.5	24.8	24.6	24.5	24.3	24.1	23.9
North Macedonia	37.7	37.7	38.1	39.2	39.4	39.7	39.7	39.7	39.7
Norway	33.2	33.2	33.1	33.2	33.3	33.3	33.3	33.3	33.3

TABLE 48.
SHARE OF FOREST AREA IN TOTAL LAND AREA (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
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	5.1	5.0	5.0	4.9	4.9
Palau	86.0	87.1	88.2	88.9	89.1	89.3	89.5	89.7	89.9
Panama	59.8	59.0	58.2	57.8	57.6	57.5	57.3	57.1	57.0
Papua New Guinea	80.1	80.0	79.9	79.6	79.6	79.5	79.4	79.3	79.3
Paraguay	57.9	53.6	49.3	45.1	44.0	43.6	42.6	41.9	41.2
Peru	58.8	58.3	57.9	57.3	57.2	57.0	56.9	56.8	56.6
Philippines	24.5	23.7	22.9	23.4	23.5	23.6	23.8	23.9	24.0
Poland	29.6	30.0	30.5	30.7	30.8	30.8	30.9	30.9	30.9
Portugal	35.9	35.7	35.5	36.0	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	65.1	65.0	64.9	64.8	64.7	64.5
Republic of Moldova	10.5	10.9	11.4	11.7	11.8	11.8	11.8	11.8	11.8
Romania	27.7	28.0	28.3	29.7	30.0	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	10.9	11.0	11.1	11.1	11.2
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	58.2	58.0	57.8	57.6	57.5	57.3
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	57.9	57.3	56.7	56.0	55.4	54.7
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	43.2	42.9	42.7	42.5	42.3	42.1
Serbia			31.0	31.1	31.1	31.1	31.1	31.1	31.1
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	36.8	36.5	36.2	35.9	35.7	35.4
Singapore	25.4	25.2	25.3	23.6	23.2	23.0	22.6	22.3	22.0
Slovakia	39.5	39.7	39.9	40.0	40.0	40.0	40.1	40.1	40.1
Slovenia	61.2	61.6	61.9	62.0	62.0	61.9	61.8	61.7	61.6
Solomon Islands	90.7	90.5	90.4	90.3	90.3	90.2	90.2	90.2	90.2
Somalia	12.0	11.4	10.8	10.3	10.1	10.0	9.9	9.8	9.7
South Africa	14.7	14.5	14.4	14.2	14.2	14.2	14.2	14.1	14.1
South Sudan				11.3	11.3	11.3	11.3	11.3	11.3
Spain	34.3	35.7	37.1	37.1	37.1	37.1	37.2	37.2	37.2
Sri Lanka	34.6	34.1	33.6	33.9	34.4	34.3	34.3	34.3	34.2
Sudan				10.5	10.4	10.3	10.2	10.1	10.0
Suriname	98.3	98.2	98.1	97.8	97.8	97.7	97.7	97.6	97.5
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	31.6	31.7	31.8	31.9	31.9	32.0
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	3.0	3.0	3.0	3.0	3.1
Thailand	37.2	38.2	39.3	39.3	39.3	39.2	39.1	39.0	39.0
Timor-Leste	63.8	63.4	62.9	62.5	62.4	62.3	62.3	62.1	62.0

TABLE 48.
SHARE OF FOREST AREA IN TOTAL LAND AREA (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2014	2015	2016	2017	2018	2019
Togo	23.3	23.1	22.8	22.6	22.5	22.5	22.4	22.3	22.3
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	45.0	44.9	44.8	44.7	44.7	44.6
Tunisia	4.3	4.4	4.4	4.5	4.5	4.5	4.5	4.5	4.5
Turkey	26.2	26.8	27.4	28.0	28.1	28.1	28.3	28.5	28.7
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	12.9	12.7	12.5	12.3	12.1	11.9
Ukraine	16.4	16.5	16.5	16.6	16.7	16.7	16.7	16.7	16.7
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	13.0	13.1	13.1	13.1	13.2
United Republic of Tanzania	60.6	58.5	56.4	54.7	54.3	53.8	53.2	52.7	52.2
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	10.8	11.0	11.1	11.2	11.4	11.5
Uzbekistan	6.8	7.2	7.7	8.1	8.1	8.1	8.2	8.3	8.3
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	53.1	52.9	52.8	52.6	52.5	52.5
Viet Nam	37.9	40.2	42.7	44.4	44.9	45.9	46.0	46.2	46.5
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	61.8	61.6	61.3	61.0	60.8	60.5
Zimbabwe	47.5	46.9	46.3	45.8	45.7	45.6	45.5	45.3	45.2

Complete series are available at <http://www.fao.org/faostat/en/#data/EL>

TABLE 49.
PRIMARY CROPS COMMODITIES HARVESTED AREA BY TYPE, 2019 (THOUSAND HA)

COUNTRY	CEREALS	OIL CROPS	FRUIT	ROOTS AND TUBERS	VEGETABLES	SUGAR CROPS	OTHER	TOTAL
World	724 262	324 479	65 293	64 334	59 689	31 498	160 567	1 430 123
Africa	125 439	49 610	12 778	38 632	10 373	1 847	49 094	287 772
Americas	126 304	115 342	9 070	4 108	3 473	14 185	21 545	294 028
Asia	334 758	115 896	35 629	16 561	42 437	11 824	81 213	638 319
Europe	121 096	40 433	7 197	4 697	3 235	3 167	6 711	186 536
Oceania	16 666	3 197	619	336	171	475	2 004	23 468
Afghanistan	2 642	106	260	57	135	2	135	3 338
Albania	132	48	37	10	33	1	29	291
Algeria	3 187	449	531	158	304		164	4 793
Andorra								
Angola	3 038	446	283	1 188	227	17	954	6 152
Antigua and Barbuda	0	1	2	0	0		0	3
Argentina	15 408	19 349	464	111	188	476	862	36 859
Armenia	115	0	56	20	20	4	4	219
Australia	16 531	2 501	269	35	69	433	1 757	21 595
Austria	776	159	59	24	16	28	20	1 082
Azerbaijan	1 058	131	136	57	69	7	74	1 533
Bahamas	0	0	3	1	4	2	0	10
Bahrain			3	0	0		0	4
Bangladesh	12 302	469	469	491	651	90	2 000	16 473
Barbados	0	1	1	0	1	3	1	6
Belarus	2 259	370	85	267	61	95	213	3 350
Belgium	313	9	20	98	64	58	20	582
Belize	29	8	20	0	2	40	8	108
Benin	1 350	1 213	73	506	103	1	784	4 029
Bhutan	32	1	7	6	5	0	15	66
Bolivia (Plurinational State of)	1 434	1 676	148	224	83	175	212	3 952
Bosnia and Herzegovina	310	13	123	34	136	0	20	638
Botswana	72	2	3	8	5		15	105
Brazil	22 772	38 376	2 092	1 389	364	10 081	6 208	81 283
Brunei Darussalam	1	0	2	1	2		4	10
Bulgaria	1 928	976	72	9	21	0	45	3 051
Burkina Faso	4 273	1 869	18	23	33	5	1 566	7 787
Burundi	382	32	229	473	59	3	1 289	2 467
Cabo Verde	28	2	0	1	2	1	32	65
Cambodia	3 272	199	63	517	106	30	274	4 460
Cameroon	2 494	1 058	504	811	765	136	1 588	7 356
Canada	15 315	11 120	86	138	89	12	3 541	30 303
Central African Republic	191	283	70	365	13	19	100	1 042
Chad	3 301	1 352	40	143	10	5	252	5 103
Chile	460	81	398	43	71	13	131	1 197
China	97 908	26 276	15 487	7 690	25 164	1 646	9 617	183 789
Colombia	914	593	771	270	349	459	899	4 255
Comoros	31	30	5	17	1		37	121

TABLE 49.

PRIMARY CROPS COMMODITIES HARVESTED AREA BY TYPE, 2019 (THOUSAND HA) (CONTINUED)

COUNTRY	CEREALS	OIL CROPS	FRUIT	ROOTS AND TUBERS	VEGETABLES	SUGAR CROPS	OTHER	TOTAL
Congo	36	67	38	150	17	20	35	362
Costa Rica	35	79	200	19	8	63	116	521
Côte d'Ivoire	1 432	891	720	2 255	184	24	8 269	13 776
Croatia	491	179	39	9	7	12	20	757
Cuba	238	17	164	223	159	209	201	1 212
Cyprus	23	11	13	4	2	0	3	56
Czechia	1 353	455	31	23	10	59	39	1 970
Democratic People's Republic of Korea	1 216	174	306	188	272		474	2 631
Democratic Republic of the Congo	4 656	1 004	1 379	5 243	90	47	1 067	13 485
Denmark	1 374	166	4	57	11	29	22	1 662
Djibouti	0				5		7	12
Dominica	0	2	8	4	1	0	11	28
Dominican Republic	225	78	138	43	59	104	309	956
Ecuador	605	254	428	47	71	123	649	2 177
Egypt	3 435	312	682	196	636	348	132	5 741
El Salvador	392	14	24	8	7	81	280	805
Equatorial Guinea		8	15	51			23	97
Eritrea	474	95	1	7	15		48	641
Estonia	364	77	3	3	1	0	43	492
Eswatini	81	3	15	15	2	59	6	181
Ethiopia	10 478	1 042	153	189	127	32	3 603	15 625
Fiji	2	4	5	8	4	35	3	62
Finland	948	32	7	21	11	11	27	1 057
France	9 394	1 925	901	207	199	447	492	13 565
Gabon	31	43	66	126	13	5	21	305
Gambia	234	123	2	3	2		13	378
Georgia	146	3	131	16	14		30	342
Germany	6 373	917	172	272	104	409	191	8 437
Ghana	2 228	1 004	513	1 798	124	6	2 384	8 056
Greece	728	1 011	259	16	55	2	187	2 257
Grenada	0	2	12	4	3	0	4	25
Guatemala	901	247	235	26	89	270	794	2 562
Guinea	3 379	1 302	307	375	208	6	227	5 804
Guinea-Bissau	168	70	25	20	7	0	290	581
Guyana	209	20	17	4	5	18	4	276
Haiti	484	49	246	196	33	26	450	1 483
Honduras	364	206	48	9	13	62	599	1 301
Hungary	2 458	951	148	13	48	14	28	3 659
Iceland	2			1	0		0	3
India	95 245	42 961	7 066	2 446	8 484	5 061	38 822	200 084
Indonesia	16 323	18 570	875	875	1 102	513	9 100	47 358
Iran (Islamic Republic of)	10 849	457	1 115	104	383	192	1 270	14 370
Iraq	2 672	15	656	14	107	19	7	3 491
Ireland	267	9	1	9	4	0	8	298

TABLE 49.
PRIMARY CROPS COMMODITIES HARVESTED AREA BY TYPE, 2019 (THOUSAND HA) (CONTINUED)

COUNTRY	CEREALS	OIL CROPS	FRUIT	ROOTS AND TUBERS	VEGETABLES	SUGAR CROPS	OTHER	TOTAL
Israel	51	50	74	16	100		7	298
Italy	3 067	1 545	1 113	47	330	30	308	6 440
Jamaica	2	18	30	16	17	16	14	112
Japan	1 881	152	182	129	370	78	100	2 891
Jordan	70	57	26	5	28		2	186
Kazakhstan	15 285	2 912	165	192	166	15	421	19 155
Kenya	2 824	279	263	352	179	72	2 262	6 231
Kiribati		31	2	2	0		0	35
Kuwait	1	0	4	1	5		0	11
Kyrgyzstan	564	51	65	79	56	14	133	962
Lao People's Democratic Republic	932	42	65	207	188	32	116	1 583
Latvia	734	140	7	10	2	0	39	933
Lebanon	56	63	62	21	30	0	24	256
Lesotho	56		4	8	4		15	86
Liberia	240	36	41	73	27	27	142	586
Libya	323	215	91	18	44		69	760
Lithuania	1 350	251	23	18	9	14	147	1 811
Luxembourg	27	3	2	1	0	0	0	33
Madagascar	946	147	318	575	80	100	461	2 627
Malawi	1 991	680	249	674	148	29	869	4 639
Malaysia	691	5 451	83	6	58	1	1 125	7 416
Maldives	0	0	1	0	3		1	5
Mali	5 913	1 401	138	44	191	6	560	8 253
Malta	0	0	0	1	0	0	0	1
Marshall Islands		7					0	7
Mauritania	261	5	15	4	1		99	384
Mauritius	0	0	2	1	6	45	1	55
Mexico	9 058	812	1 552	72	682	796	2 306	15 278
Micronesia (Federated States of)	0	18	1	1	0		0	21
Mongolia	341	8	3	17	12		3	384
Montenegro	2	0	8	2	1		1	14
Morocco	3 654	1 114	462	63	143	68	651	6 155
Mozambique	4 086	1 113	147	750	88	59	1 043	7 287
Myanmar	7 832	3 281	518	71	391	215	4 837	17 145
Namibia	121	1	11	45	7		22	207
Nauru	0	0	0		0		0	0
Nepal	3 435	288	137	228	299	72	430	4 887
Netherlands	178	4	21	166	89	79	7	544
New Zealand	124	2	76	12	36		15	265
Nicaragua	411	71	50	38	7	77	431	1 087
Niger	10 646	1 130	121	31	271	8	5 882	18 088
Nigeria	20 537	10 805	1 938	16 500	4 351	87	6 760	60 979
North Macedonia	158	11	65	13	43	0	40	330
Norway	274	3	4	12	8		3	304

TABLE 49.
PRIMARY CROPS COMMODITIES HARVESTED AREA BY TYPE, 2019 (THOUSAND HA) (CONTINUED)

COUNTRY	CEREALS	OIL CROPS	FRUIT	ROOTS AND TUBERS	VEGETABLES	SUGAR CROPS	OTHER	TOTAL
Oman	5		33	1	25	0	0	64
Pakistan	13 903	3 131	981	231	412	1 041	1 458	21 157
Palau								
Panama	141	8	36	6	6	38	44	277
Papua New Guinea	4	389	237	242	45	7	204	1 127
Paraguay	1 763	3 748	73	193	15	103	132	6 028
Peru	1 218	122	429	486	223	87	724	3 289
Philippines	7 168	3 756	1 937	338	802	379	649	15 030
Poland	7 891	916	374	302	191	241	266	10 182
Portugal	226	368	256	22	40	0	169	1 081
Qatar	0		2	0	2		0	5
Republic of Korea	805	120	186	44	238		70	1 463
Republic of Moldova	907	432	220	18	38	15	59	1 689
Romania	5 573	1 800	335	174	120	23	122	8 146
Russian Federation	43 412	13 900	670	1 239	575	1 133	2 193	63 122
Rwanda	513	91	364	521	103	8	664	2 263
Saint Kitts and Nevis		1	0	0	0		0	2
Saint Lucia		2	2	1	0		0	6
Saint Vincent and the Grenadines	0	1	7	1	0	1	2	12
Samoa		28	9	8	1	0	3	49
San Marino								
Sao Tome and Principe	1	4	5	4	0		29	43
Saudi Arabia	245	2	191	19	36		5	497
Senegal	1 729	1 187	119	102	83	10	311	3 541
Serbia	1 706	485	207	34	65	43	41	2 581
Seychelles		1	0	0	1		1	3
Sierra Leone	717	90	53	366	53	1	200	1 480
Singapore		0	0	0	1		0	1
Slovakia	769	257	12	8	6	22	10	1 085
Slovenia	99	10	19	3	5	0	3	139
Solomon Islands	2	89	2	15	0		18	126
Somalia	354	110	21	11	28	6	95	624
South Africa	3 063	1 378	305	100	139	299	105	5 390
South Sudan	501	801	90	89	76		44	1 600
Spain	5 976	3 396	1 556	67	324	30	1 218	12 567
Sri Lanka	1 021	525	110	29	65	13	485	2 249
Sudan	10 184	8 353	282	147	326	71	507	19 870
Suriname	60	2	5	0	1	3	0	72
Sweden	977	108	4	24	12	27	39	1 191
Switzerland	142	31	22	11	16	18	7	246
Syrian Arab Republic	2 886	754	241	25	125	0	572	4 603
Tajikistan	367	199	138	52	68		24	847
Thailand	10 960	1 194	1 085	1 425	350	1 835	3 689	20 538
Timor-Leste	57	16	3	15	13		133	238

TABLE 49.
PRIMARY CROPS COMMODITIES HARVESTED AREA BY TYPE, 2019 (THOUSAND HA) (CONTINUED)

COUNTRY	CEREALS	OIL CROPS	FRUIT	ROOTS AND TUBERS	VEGETABLES	SUGAR CROPS	OTHER	TOTAL
Togo	1 201	277	10	389	29		491	2 397
Tonga		3	6	2	7		0	19
Trinidad and Tobago	5	2	14	1	3		5	30
Tunisia	1 249	1 621	248	26	124	1	394	3 663
Turkey	10 747	2 334	1 385	141	747	310	2 512	18 176
Turkmenistan	1 122	515	57	18	22	19	11	1 764
Tuvalu		2	0		0		0	2
Uganda	1 687	992	956	1 763	292	71	1 268	7 028
Ukraine	14 947	8 933	286	1 309	453	221	367	26 516
United Arab Emirates	0		36	0	10		1	47
United Kingdom of Great Britain and Northern Ireland	3 211	545	30	144	129	108	264	4 431
United Republic of Tanzania	5 518	4 115	779	1 630	534	51	2 834	15 459
United States of America	52 493	37 216	1 098	441	850	766	2 286	95 150
Uruguay	669	1 036	26	13	8	6	8	1 767
Uzbekistan	1 516	1 096	378	89	223		50	3 352
Vanuatu	1	92	3	7	1		4	108
Venezuela (Bolivarian Republic of)	696	132	235	77	59	75	308	1 582
Viet Nam	8 462	423	718	658	1 021	233	2 387	13 902
Yemen	528	44	111	16	42	0	128	869
Zambia	937	556	31	156	57	48	164	1 950
Zimbabwe	1 211	408	42	69	36	46	245	2 057

Complete series are available at <http://www.fao.org/faostat/en/#data/QCL>

TABLE 50.
AREA UNDER ORGANIC AGRICULTURE (THOUSAND HA)

COUNTRY	2004	2005	2010	2014	2015	2016	2017	2018	2019
World	21 891.7	29 211.2	35 803.8	45 307.1	50 967.7	57 714.1	69 540.8	71 116.6	72 213.3
Africa	624.2	952.9	1 023.6	1 263.1	1 682.5	1 800.6	2 031.7	2 006.8	2 018.5
Americas	3 214.4	7 090.4	10 178.5	9 897.9	9 765.0	10 292.1	11 242.5	11 545.1	12 056.9
Asia	211.8	2 837.1	3 271.4	4 412.7	4 483.4	5 426.2	6 665.4	6 980.7	6 462.9
Europe	5 764.2	6 567.8	9 545.1	11 208.0	12 198.3	12 884.1	13 785.4	14 654.5	15 793.9
Oceania	12 077.0	11 763.0	11 785.2	18 525.4	22 838.5	27 311.2	35 815.7	35 929.5	35 881.2
Afghanistan			0.1		0.1	0.4	0.3	0.8	0.8
Albania		1.2	4.2	2.5		0.7	0.6	0.7	0.6
Algeria	1.4	0.9	0.6	0.7	1.4	0.8	0.8	0.8	0.8
Andorra			0.0	0.0	0.0	0.0	0.0	0.0	0.0
Angola			2.5	2.5		0.0			
Antigua and Barbuda									
Argentina	2 646.0	2 682.0	4 144.0	3 016.0	3 064.0	2 844.0	3 180.0	3 617.0	3 631.0
Armenia		0.3	0.8	1.0	1.8	1.2	1.4	0.7	0.6
Australia	12 077.0	11 716.0	11 641.7	18 340.0	22 690.0	27 145.0	35 645.0	35 687.8	35 687.8
Austria	460.8	479.8	543.6	525.0	552.1	571.4	620.7	639.1	671.7
Azerbaijan		20.3	21.5	23.3	37.6	37.6	37.6	37.6	37.6
Bahamas			0.1	0.1	0.1	0.1	0.1	0.1	0.1
Bahrain									
Bangladesh			0.8	6.9	6.9	6.9	8.1	2.2	2.2
Barbados									
Belarus								1.7	1.4
Belgium	23.8	24.4	49.0	66.7	68.8	78.5	83.5	89.0	93.1
Belize		1.8	1.2	0.9	0.8	0.4	0.4	0.2	0.1
Benin		0.3	1.2	2.3	2.4	5.7	18.9	16.5	15.2
Bhutan		0.2		6.8	6.9	6.6	6.6	6.6	6.6
Bolivia (Plurinational State of)	36.0	112.1	114.0	114.3	114.3	114.3	114.3	114.3	144.2
Bosnia and Herzegovina		0.4	0.6	0.4	0.6	1.0	1.3	0.9	1.7
Botswana									
Brazil		842.0	932.1	750.0	750.0	750.0	1 136.9	1 188.3	1 283.1
Brunei Darussalam									
Bulgaria		2.4	25.6	74.3	118.8	160.6	136.6	145.6	214.6
Burkina Faso		0.3	13.8	20.1	23.9	27.3	58.9	56.7	87.5
Burundi		0.3	0.4	0.2	0.2	0.1	0.1	0.2	0.1
Cabo Verde				0.5	0.5	0.5	0.5	0.5	0.5
Cambodia		1.0	8.1	9.9	12.1	9.7	11.0	27.6	25.8
Cameroon			0.5	0.4	0.4	0.4	1.1	1.1	0.2
Canada	542.0	578.9	703.7	904.0	944.5	1 099.0	1 191.7	1 311.6	1 321.1
Central African Republic									
Chad									
Chile	21.2	22.9	31.7	19.9	20.0	16.0	19.7	17.4	20.9
China		2 301.3	1 393.0	1 930.9	1 616.5	2 287.5	3 029.5	3 143.8	2 225.5

TABLE 50.
AREA UNDER ORGANIC AGRICULTURE (THOUSAND HA) (CONTINUED)

COUNTRY	2004	2005	2010	2014	2015	2016	2017	2018	2019
Colombia		45.7	40.0	31.6	31.6	31.6	31.6	22.3	30.5
Comoros			1.0	1.7	1.5	2.6	1.4	2.1	1.2
Congo									
Costa Rica		9.8	11.1	7.8	7.8	7.9	8.7	9.0	8.8
Côte d'Ivoire			18.1	19.6	40.1	42.0	50.4	50.6	66.7
Croatia	2.2	2.9	23.3	50.1	75.9	93.6	96.6	103.2	108.1
Cuba		15.4	2.1	3.0	4.3	1.3	6.2	6.2	2.4
Cyprus	1.0	1.7	3.6	3.9	4.7	5.6	5.6	6.0	6.2
Czechia	263.3	254.0	448.0	477.0	483.0	491.0	505.0	522.0	541.0
Democratic People's Republic of Korea									
Democratic Republic of the Congo			33.0	89.1	94.4	94.4	60.6	60.6	88.7
Denmark	154.9	134.1	162.9	173.2	176.4	202.0	234.0	266.0	295.0
Djibouti									
Dominica				0.2	0.2	0.2	0.2	0.2	0.2
Dominican Republic		72.4	167.9	197.8	164.0	205.3	205.3	169.0	134.4
Ecuador			65.0	45.8	45.8	39.8	41.8	41.8	47.8
Egypt		24.6	82.0	85.8	85.8	105.9	105.9	116.0	116.0
El Salvador		5.3	6.7	6.7	13.7	1.4	1.7	1.7	1.7
Equatorial Guinea									
Eritrea									
Estonia	45.0	58.4	121.0	155.6	155.8	180.9	196.4	206.6	220.7
Eswatini			0.0	0.0	0.6	0.0	0.2	0.2	0.8
Ethiopia			137.0	161.0	186.2	186.2	186.2	186.2	209.9
Fiji		0.1	0.1	9.2	10.9	13.4	16.6	41.2	22.6
Finland	162.0	147.0	169.0	211.0	225.0	238.2	258.7	297.4	306.5
France	534.1	550.5	845.4	1 119.0	1 323.0	1 537.0	1 744.4	2 035.0	2 241.0
Gabon									
Gambia							0.0	0.0	0.1
Georgia		0.1	1.4	1.3	1.5	1.5	1.5	1.5	1.5
Germany	767.9	807.4	990.7	1 048.0	1 088.8	1 135.5	1 138.3	1 221.3	1 290.8
Ghana		17.3	12.0	15.6	23.4	21.3	15.3	29.7	31.2
Greece	249.5	288.7	309.8	362.9	407.1	342.6	410.1	492.6	528.8
Grenada			0.1	0.1	0.1	0.1	0.1	0.1	0.1
Guatemala		12.1	13.4	13.4	13.4	13.4	13.4	14.0	88.2
Guinea								0.0	1.0
Guinea-Bissau				1.8	3.4	0.7	0.8	0.8	0.8
Guyana		0.1	4.2						
Haiti			0.2	2.9	4.5	6.1	5.6	4.4	3.3
Honduras		1.8	18.0	25.0	26.9	28.7	29.3	29.3	29.3
Hungary	128.6	123.5	127.6	124.5	129.7	186.3	199.7	209.4	303.2
Iceland		5.0	5.9	8.2	9.8	10.2	10.2	9.2	9.2
India	185.9	780.0	720.0	1 180.0	1 490.0	1 780.0	1 938.2	2 299.2	

TABLE 50.
AREA UNDER ORGANIC AGRICULTURE (THOUSAND HA) (CONTINUED)

COUNTRY	2004	2005	2010	2014	2015	2016	2017	2018	2019
Indonesia		17.8	71.0	113.6	130.4	126.0	208.0	251.6	251.6
Iran (Islamic Republic of)			7.0	12.2	14.6	18.8	11.9	11.9	11.9
Iraq				0.1	0.1	0.1	0.1	0.1	0.1
Ireland	30.7	34.9	47.9	51.9	73.0	76.7	74.3	118.7	74.0
Israel			8.8	4.6	4.1	4.4	5.7	5.8	5.3
Italy	954.0	1 067.0	1 114.0	1 388.0	1 493.0	1 796.0	1 909.0	1 958.0	1 993.0
Jamaica		0.4	0.5	0.0	0.2	0.4	0.4	0.4	0.4
Japan			9.1	10.6	10.0	10.0	10.0	10.8	10.8
Jordan		0.0	1.5	2.4	1.7	1.5	1.5	1.5	1.5
Kazakhstan			133.6	291.2	303.4	303.4	277.1	192.1	294.3
Kenya		2.3	4.8	4.9	150.5	154.5	177.2	154.5	154.5
Kiribati				1.6	1.6	1.6	1.6	1.6	
Kuwait					0.0	0.0	0.0	0.0	0.0
Kyrgyzstan		0.2	15.0	6.9	7.6	8.0	19.3	22.1	19.1
Lao People's Democratic Republic			6.0	6.3	1.5	7.7	7.7	7.7	9.0
Latvia	26.1	118.6	164.1	203.4	231.6	259.1	268.9	280.4	289.8
Lebanon		0.8	2.5	1.2	1.1	1.2	1.1	1.4	1.6
Lesotho				0.6	0.6	0.6		0.0	
Liberia								0.0	0.0
Libya									
Lithuania	38.5	68.8	143.6	164.4	213.6	221.7	234.1	239.7	242.1
Luxembourg		3.2	3.5	4.5	4.2	4.5	5.4	5.8	5.8
Madagascar		2.2	20.3	30.3	121.0	60.0	64.0	48.8	76.5
Malawi		0.3	0.8	0.1	0.2	12.2	12.2	12.4	12.3
Malaysia		1.2	1.6	0.6	0.6	0.6	0.6	9.6	1.3
Maldives									
Mali		14.6	15.2	11.9	11.9	11.9	12.7	12.7	11.3
Malta		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Marshall Islands									
Mauritania									
Mauritius			0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mexico	307.7	332.5	501.0	584.0	674.0	674.0	183.2	301.9	
Micronesia (Federated States of)									
Mongolia								0.6	0.1
Montenegro			3.6	3.3	3.3	3.5	2.7	4.5	4.8
Morocco		1.1	17.0	8.7	9.3	10.0	9.2	9.9	9.9
Mozambique		0.7	5.5	15.4	16.2	7.4	12.6	14.9	7.8
Myanmar			0.1	5.3	5.6	4.6	10.3	12.3	12.9
Namibia			0.1	30.1	30.1	30.1	0.1	0.1	0.1
Nauru									
Nepal		1.0	9.8	9.4	9.4	9.4	9.4	11.9	9.4
Netherlands	48.2	48.8	45.8	45.3	50.4	54.6	59.4	64.0	68.1

TABLE 50.
AREA UNDER ORGANIC AGRICULTURE (THOUSAND HA) (CONTINUED)

COUNTRY	2004	2005	2010	2014	2015	2016	2017	2018	2019
New Zealand		46.9	124.5	106.7	74.1	74.1	88.9	88.9	88.9
Nicaragua		51.1	33.6	33.6	33.6	33.6	33.6	34.8	43.0
Niger		0.0	0.1	0.3	0.3	0.3	0.3	0.3	0.3
Nigeria			12.0	5.0	5.0	52.4	53.4	57.1	55.1
North Macedonia		0.3	5.2	2.3	2.2	2.7	2.7	4.0	3.7
Norway	41.0	43.0	57.2	49.8	47.6	47.6	47.0	46.4	45.3
Oman			0.0	0.0		0.0	0.0	0.0	0.0
Pakistan		20.3	22.0	23.8	34.2	45.3	51.3	64.9	64.9
Palau									
Panama	5.2	5.2	3.6	15.2	15.2	15.2	15.2	5.9	5.9
Papua New Guinea			3.2	19.8	15.8	15.6	13.7	49.6	24.7
Paraguay			51.2	54.4	64.1	64.1	43.7	42.8	57.6
Peru			222.4	263.0	326.8	518.0	539.6	524.9	394.2
Philippines			80.0	110.1	234.6	198.3	200.1	218.6	168.4
Poland	83.0	166.0	519.0	658.0	580.7	536.6	495.0	484.7	507.6
Portugal	169.9	211.5	211.0	212.3	241.4	245.1	253.8	213.1	293.2
Qatar									
Republic of Korea		6.1	15.5	18.3	18.1	20.2	20.7	24.7	29.7
Republic of Moldova			5.4	22.0	28.7	30.1	30.1	17.2	27.8
Romania		92.8	183.0	289.3	245.9	226.3	258.5	326.3	395.2
Russian Federation			44.0	245.8	385.1	315.2	656.9	607.0	674.4
Rwanda		0.1	3.6	2.3			1.3	2.1	1.3
Saint Kitts and Nevis									
Saint Lucia									
Saint Vincent and the Grenadines									
Samoa			9.7	33.5	27.7	27.7	27.7	27.7	41.1
San Marino									
Sao Tome and Principe			4.4	6.7	6.7	6.7	8.8	10.9	10.9
Saudi Arabia		12.5	42.4	37.6	36.5	17.2	17.1	18.6	24.5
Senegal			28.2	6.9	7.0	7.2	7.3	8.0	6.5
Serbia			8.7	9.6	15.3	14.4	13.4	19.3	21.3
Seychelles									
Sierra Leone			65.3		15.3	69.7	101.2	99.2	157.5
Singapore								0.0	0.0
Slovakia			178.2	180.3	181.9	187.0	189.2	189.0	197.6
Slovenia	23.0	23.0	30.7	41.2	42.2	43.6	46.2	47.8	49.6
Solomon Islands			1.3	5.3	5.6	5.7	3.9	4.7	4.1
Somalia									
South Africa		50.0	55.6	19.5	34.2	14.2	41.4	82.8	30.2
South Sudan									
Spain	561.5	622.8	1 434.0	1 663.2	1 968.5	2 018.8	2 082.2	2 246.5	2 354.9
Sri Lanka			10.0	22.3	62.6	96.3	96.3	165.6	77.2
									70.4

TABLE 50.
AREA UNDER ORGANIC AGRICULTURE (THOUSAND HA) (CONTINUED)

COUNTRY	2004	2005	2010	2014	2015	2016	2017	2018	2019
Sudan				130.0	130.0	130.0	130.0	76.9	73.9
Suriname				0.0	0.0	0.1	0.1	0.1	0.1
Sweden	222.1	222.7	438.9	502.2	519.0	553.0	577.0	609.0	614.0
Switzerland	114.2	116.7	111.0	133.3	134.9	139.9	149.6	160.1	169.0
Syrian Arab Republic			20.0	20.0	20.0	20.0	20.0	20.0	20.0
Tajikistan			0.4	12.7	12.7	12.7	12.7	8.8	10.3
Thailand		21.7	34.1	37.7	45.6	57.2	91.3	95.1	188.5
Timor-Leste		21.5	24.8	25.5	25.2	28.3	31.3	59.8	32.5
Togo		0.1	3.4	15.3	15.3	21.6	39.4	41.3	38.5
Tonga				2.0	2.6	1.5	1.6	0.7	1.1
Trinidad and Tobago									
Tunisia	157.8	143.1	175.1	139.0	145.0	181.1	306.5	309.2	286.6
Turkey	210.0	204.0	510.0	842.0	515.0	524.0	543.0	627.0	546.0
Turkmenistan									
Tuvalu									
Uganda		182.0	228.4	240.2	241.2	262.3	262.3	262.3	183.6
Ukraine		242.0	270.2	400.8	410.6	381.2	289.0	309.1	468.0
United Arab Emirates			0.4	4.3	4.3	4.6	4.7	4.7	4.6
United Kingdom of Great Britain and Northern Ireland	659.6	604.7	697.9	537.2	508.8	495.1	502.9	462.5	465.4
United Republic of Tanzania		44.7	72.0	186.5	268.7	268.7	278.5	278.5	278.5
United States of America		1 640.8	1 949.0	2 178.5	2 029.3	2 031.3	2 031.3	2 023.4	2 326.6
Uruguay		759.0	931.0	1 307.4	1 307.4	1 657.0	1 882.2	2 147.1	2 143.6
Uzbekistan			0.1					0.9	0.9
Vanuatu			2.7	6.6	9.5	11.8	14.9	25.6	8.4
Venezuela (Bolivarian Republic of)			0.3						
Viet Nam		6.5	19.3	43.0	76.7	53.5	58.0	51.4	61.9
Yemen									
Zambia		2.9	7.3	7.6	8.1	7.7	8.0	1.2	0.2
Zimbabwe			2.0	0.5	1.0	3.2	3.3	0.4	0.9

Complete series are available at <http://www.fao.org/faostat/en/#data/RL>

TABLE 51.
SHARE OF AREA UNDER ORGANIC AGRICULTURE IN TOTAL AGRICULTURAL AREA (PERCENT)

COUNTRY	2004	2005	2010	2014	2015	2016	2017	2018	2019
World	0.5	0.6	0.7	1.0	1.1	1.2	1.5	1.5	1.5
Africa	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
Americas	0.3	0.6	0.9	0.9	0.9	0.9	1.0	1.0	1.1
Asia	0.0	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4
Europe	1.2	1.4	2.0	2.4	2.6	2.8	3.0	3.2	3.4
Oceania	3.0	2.8	3.0	4.8	6.3	7.7	9.3	9.7	9.6
Afghanistan			0.0		0.0	0.0	0.0	0.0	0.0
Albania		0.1	0.3	0.2		0.1	0.0	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	0.0		0.0			
Antigua and Barbuda									
Argentina	2.0	2.1	3.3	2.5	2.6	2.5	2.9	3.3	3.4
Armenia		0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0
Australia	3.1	2.9	3.1	4.9	6.5	7.9	9.6	9.9	9.8
Austria	16.1	16.8	19.6	19.3	20.3	21.4	23.4	24.1	25.3
Azerbaijan		0.4	0.5	0.5	0.8	0.8	0.8	0.8	0.8
Bahamas				0.4	0.4	0.4	0.4	0.4	0.4
Bahrain									
Bangladesh			0.0	0.1	0.1	0.1	0.1	0.0	0.0
Barbados									
Belarus								0.0	0.0
Belgium	1.7	1.8	3.6	5.0	5.2	5.8	6.3	6.6	6.9
Belize		1.2	0.8	0.6	0.5	0.2	0.2	0.1	0.0
Benin	0.0	0.0	0.1	0.1	0.1	0.1	0.5	0.4	0.4
Bhutan	0.0		1.3	1.3	1.3	1.3	1.3	1.3	1.3
Bolivia (Plurinational State of)	0.1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
Bosnia and Herzegovina	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Botswana									
Brazil	0.4	0.4	0.3	0.3	0.3	0.3	0.5	0.5	0.5
Brunei Darussalam									
Bulgaria	0.0	0.5	1.5	2.4	3.2	2.7	2.9	4.3	
Burkina Faso	0.0	0.1	0.2	0.2	0.2	0.2	0.5	0.5	0.7
Burundi	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cabo Verde				0.6	0.6	0.6	0.6	0.6	0.6
Cambodia	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.5	0.5
Cameroon			0.0	0.0	0.0	0.0	0.0	0.0	0.0
Canada	0.9	0.9	1.2	1.6	1.6	1.9	2.1	2.3	2.3
Central African Republic									
Chad									
Chile	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1
China		0.4	0.3	0.4	0.3	0.4	0.6	0.6	0.4

TABLE 51.

SHARE OF AREA UNDER ORGANIC AGRICULTURE IN TOTAL AGRICULTURAL AREA (PERCENT) (CONTINUED)

COUNTRY	2004	2005	2010	2014	2015	2016	2017	2018	2019
Colombia		0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1
Comoros			0.8	1.3	1.1	2.0	1.1	1.6	0.9
Congo									
Costa Rica		0.5	0.6	0.4	0.4	0.4	0.5	0.5	0.5
Côte d'Ivoire			0.1	0.1	0.2	0.2	0.2	0.2	0.3
Croatia		0.2	0.2	1.7	3.3	4.9	6.1	7.0	7.2
Cuba			0.2	0.0	0.0	0.1	0.0	0.1	0.0
Cyprus		0.7	1.0	3.1	3.6	3.7	5.1	4.6	4.5
Czechia		7.3	7.0	12.7	13.6	13.8	14.1	14.3	15.4
Democratic People's Republic of Korea									
Democratic Republic of the Congo				0.1	0.3	0.3	0.3	0.2	0.3
Denmark		5.9	5.0	6.2	6.5	6.7	7.7	8.9	10.1
Djibouti									
Dominica					1.0	1.0	1.0	1.0	1.0
Dominican Republic				3.0	7.0	8.4	6.8	8.5	8.5
Ecuador					0.9	0.8	0.8	0.7	0.8
Egypt				0.7	2.2	2.3	2.3	2.8	3.0
El Salvador				0.4	0.5	0.5	1.1	0.1	0.1
Equatorial Guinea									
Eritrea									
Estonia		5.8	6.6	12.8	16.0	15.7	18.0	19.6	22.3
Eswatini					0.0	0.0	0.0	0.0	0.1
Ethiopia					0.4	0.4	0.5	0.5	0.5
Fiji				0.0	0.0	2.2	2.6	3.2	3.9
Finland				7.2	6.5	7.4	9.3	9.9	10.5
France					1.8	1.9	2.9	3.9	4.6
Gabon									
Gambia								0.0	0.0
Georgia				0.0	0.1	0.1	0.1	0.1	0.1
Germany				4.5	4.7	5.9	6.3	6.5	6.8
Ghana					0.1	0.1	0.1	0.2	0.2
Greece				3.1	3.6	4.1	5.9	6.6	5.6
Grenada						1.1	1.1	1.1	1.1
Guatemala				0.3	0.3	0.4	0.3	0.3	0.4
Guinea								0.0	0.0
Guinea-Bissau						0.2	0.4	0.1	0.1
Guyana				0.0	0.4				
Haiti					0.0	0.2	0.2	0.3	0.2
Honduras				0.1	0.6	0.7	0.8	0.8	0.8
Hungary				2.2	2.1	2.4	2.4	2.5	3.5
Iceland					0.3	0.3	0.4	0.5	0.5
India				0.1	0.4	0.4	0.7	0.8	1.0
							1.0	1.1	1.3

TABLE 51.
SHARE OF AREA UNDER ORGANIC AGRICULTURE IN TOTAL AGRICULTURAL AREA (PERCENT) (CONTINUED)

COUNTRY	2004	2005	2010	2014	2015	2016	2017	2018	2019
Indonesia	0.0	0.1	0.2	0.2	0.2	0.3	0.4	0.4	0.4
Iran (Islamic Republic of)		0.0	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	0.0
Ireland	0.7	0.8	1.0	1.2	1.6	1.7	1.7	2.6	1.6
Israel			1.7	0.9	0.8	0.8	0.9	0.9	0.8
Italy	6.4	7.2	7.8	10.5	11.5	14.0	14.9	15.8	15.2
Jamaica		0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1
Japan			0.2	0.2	0.2	0.2	0.2	0.2	0.2
Jordan		0.0	0.1	0.2	0.2	0.1	0.1	0.1	0.1
Kazakhstan			0.1	0.1	0.1	0.1	0.1	0.1	0.1
Kenya		0.0	0.0	0.0	0.5	0.6	0.6	0.6	0.6
Kiribati				4.7	4.7	4.7	4.7	4.7	
Kuwait					0.0	0.0	0.0	0.0	0.0
Kyrgyzstan		0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2
Lao People's Democratic Republic			0.3	0.3	0.1	0.3	0.3	0.3	0.4
Latvia	1.6	6.8	9.1	10.9	12.3	13.4	13.9	14.5	14.8
Lebanon	0.1	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Lesotho				0.0	0.0	0.0		0.0	
Liberia							0.0	0.0	
Libya									
Lithuania	1.5	2.4	5.2	5.6	7.1	7.5	8.0	8.1	8.1
Luxembourg		2.5	2.6	3.4	3.2	3.5	4.2	4.4	4.4
Madagascar		0.0	0.0	0.1	0.3	0.1	0.2	0.1	0.2
Malawi		0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2
Malaysia		0.0	0.0	0.0	0.0	0.0	0.0	0.1	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	0.1	0.3	0.3	0.3	0.3	0.3
Marshall Islands									
Mauritania									
Mauritius			0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mexico		0.3	0.3	0.5	0.6	0.7	0.7	0.2	0.3
Micronesia (Federated States of)									
Mongolia							0.0	0.0	
Montenegro			0.7	1.4	1.4	1.4	1.1	1.7	1.8
Morocco		0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Mozambique		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Myanmar			0.0	0.0	0.0	0.0	0.1	0.1	0.1
Namibia			0.0	0.1	0.1	0.1	0.0	0.0	0.0
Nauru									
Nepal		0.0	0.2	0.2	0.2	0.2	0.2	0.3	0.2
Netherlands	2.5	2.5	2.4	2.5	2.7	3.0	3.3	3.5	3.7

TABLE 51.

SHARE OF AREA UNDER ORGANIC AGRICULTURE IN TOTAL AGRICULTURAL AREA (PERCENT) (CONTINUED)

COUNTRY	2004	2005	2010	2014	2015	2016	2017	2018	2019
New Zealand	0.4	1.1	1.0	0.7	0.7	0.8	0.8	0.8	0.9
Nicaragua	1.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8
Niger	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nigeria			0.0	0.0	0.0	0.1	0.1	0.1	0.1
North Macedonia	0.0	0.5	0.2	0.2	0.2	0.2	0.3	0.3	
Norway	3.9	4.2	5.7	5.0	4.8	4.8	4.8	4.7	4.6
Oman			0.0	0.0		0.0	0.0	0.0	0.0
Pakistan	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
Palau									
Panama	0.2	0.2	0.2	0.7	0.7	0.7	0.7	0.3	0.3
Papua New Guinea			0.3	1.7	1.3	1.3	1.2	4.2	2.1
Paraguay			0.3	0.3	0.3	0.3	0.2	0.2	0.3
Peru			0.9	1.1	1.3	2.1	2.2	2.1	1.6
Philippines			0.7	0.9	1.9	1.6	1.6	1.8	1.4
Poland	0.5	1.0	3.6	4.6	4.0	3.7	3.4	3.3	3.5
Portugal	4.4	5.5	5.8	5.8	6.6	6.8	7.1	6.0	8.2
Qatar									
Republic of Korea	0.3	0.9	1.0	1.0	1.2	1.2	1.2	1.5	1.8
Republic of Moldova			0.2	1.0	1.2	1.3	1.3	0.8	1.2
Romania	0.7	1.3	2.1	1.8	1.7	1.9	2.4	2.9	
Russian Federation			0.0	0.1	0.2	0.1	0.3	0.3	0.3
Rwanda	0.0	0.2	0.1			0.1	0.1	0.1	
Saint Kitts and Nevis									
Saint Lucia									
Saint Vincent and the Grenadines									
Samoa		23.4	49.6	36.6	36.6	36.6	36.6	54.3	
San Marino									
Sao Tome and Principe		9.6	15.3	15.3	15.3	20.0	24.8	24.8	
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	0.1	0.1	0.1	0.1	0.1
Serbia		0.2	0.3	0.4	0.4	0.4	0.6	0.6	
Seychelles									
Sierra Leone		1.7		0.4	1.8	2.6	2.5	4.0	
Singapore							0.5	2.3	
Slovakia		9.2	9.5	9.6	9.9	10.1	10.0	10.5	
Slovenia	4.7	4.5	4.9	6.7	6.8	7.1	7.5	7.8	8.1
Solomon Islands		1.2	4.8	5.0	5.0	3.3	4.0	3.5	
Somalia									
South Africa	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	
South Sudan									
Spain	1.9	2.1	5.2	6.3	7.4	7.7	7.9	8.6	9.0
Sri Lanka	0.4	0.9	2.3	3.5	3.5	6.0	2.7	2.5	

TABLE 51.
SHARE OF AREA UNDER ORGANIC AGRICULTURE IN TOTAL AGRICULTURAL AREA (PERCENT) (CONTINUED)

COUNTRY	2004	2005	2010	2014	2015	2016	2017	2018	2019
Sudan				0.2	0.2	0.2	0.2	0.1	0.1
Suriname				0.0	0.0	0.1	0.1	0.1	0.1
Sweden	7.0	7.0	14.3	16.5	17.1	18.3	19.2	20.3	20.4
Switzerland	7.4	7.5	7.2	8.8	8.9	9.2	9.9	10.6	11.2
Syrian Arab Republic			0.1	0.1	0.1	0.1	0.1	0.1	0.1
Tajikistan			0.0	0.3	0.3	0.3	0.3	0.2	0.2
Thailand	0.1	0.2	0.2	0.2	0.3	0.4	0.4	0.4	0.9
Timor-Leste	5.6	6.7	6.7	6.6	7.4	8.2	15.7	8.5	
Togo	0.0	0.1	0.4	0.4	0.6	1.0	1.1	1.0	
Tonga				5.9	7.4	4.3	4.6	1.9	3.2
Trinidad and Tobago									
Tunisia	1.6	1.5	1.7	1.4	1.5	1.9	3.1	3.2	2.9
Turkey	0.5	0.5	1.3	2.2	1.3	1.4	1.4	1.7	1.4
Turkmenistan									
Tuvalu									
Uganda	1.4	1.6	1.7	1.7	1.8	1.8	1.8	1.8	1.3
Ukraine	0.6	0.7	1.0	1.0	0.9	0.7	0.7	0.7	1.1
United Arab Emirates			0.1	1.1	1.1	1.2	1.2	1.2	1.2
United Kingdom of Great Britain and Northern Ireland	3.9	3.6	4.1	3.1	3.0	2.9	2.9	2.7	2.7
United Republic of Tanzania	0.1	0.2	0.5	0.7	0.7	0.7	0.7	0.7	0.7
United States of America	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
Uruguay	5.1	6.5	9.1	9.1	11.8	13.4	15.3	15.3	
Uzbekistan			0.0				0.0	0.0	
Vanuatu			1.4	3.5	5.1	6.3	8.0	13.7	4.5
Venezuela (Bolivarian Republic of)			0.0						
Viet Nam	0.1	0.2	0.4	0.6	0.4	0.5	0.4	0.5	
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	

Based on data available at <http://www.fao.org/faostat/en/#data/RL>

TABLE 52.
WATER STRESS (PERCENT)

COUNTRY	2000	2005	2010	2013	2014	2015	2016	2017	2018
World									
Africa									
Americas									
Asia									
Europe									
Oceania									
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	6.5	5.5	5.5	6.6	5.8
Algeria	79.3	92.5	104.9	115.2	120.6	126.0	129.9	137.9	137.9
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	8.8	8.5	8.5	8.5	8.5	8.5	8.5
Argentina	8.4	9.3	10.3	10.5	10.5	10.5	10.5	10.5	10.5
Armenia	37.7	55.9	42.9	59.6	57.7	66.0	64.2	57.8	54.8
Australia	8.7	7.5	5.3	7.7	7.4	3.7	4.3	4.3	4.7
Austria	10.0	9.8	9.6	9.6	9.6	9.6	9.6	9.6	9.6
Azerbaijan	49.1	53.2	51.1	55.2	53.5	51.6	52.5	53.0	53.7
Bahamas									
Bahrain	248.9	196.4	173.1	159.1	154.4	137.2	133.7	133.7	133.7
Bangladesh				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	5.0	5.2	4.8	4.8	4.6	4.6
Belgium	92.5	78.5	73.1	59.3	56.0	49.1	49.1	49.1	49.1
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
Bolivia (Plurinational State of)	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Bosnia and Herzegovina	2.5	2.5	2.9	2.9	2.7	2.8	2.8	2.7	2.7
Botswana	2.0	2.0	2.1	2.0	2.0	2.0	2.1	2.0	2.0
Brazil	2.7	2.7	3.5	3.2	3.1	3.0	3.1	3.1	1.4
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	40.4	39.7	41.6	42.1	41.8	40.1
Burkina Faso	6.7	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		8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
Cambodia				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	3.8	3.8	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	7.3	8.7	14.6	18.8	20.2	21.6	21.6	21.6	21.6
China	40.2	40.5	42.9	44.0	43.3	43.2	43.2	43.2	43.2
Colombia	1.2	1.5	2.4	3.3	3.6	3.9	4.2	4.2	4.2
Comoros	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8

TABLE 52.
WATER STRESS (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2013	2014	2015	2016	2017	2018
Congo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Costa Rica				4.2	4.7	5.5	5.0	4.8	5.2
Côte d'Ivoire	6.2	6.8	5.8	5.3	5.1	5.1	5.1	5.1	5.1
Croatia		1.4	1.5	1.6	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	28.3	29.7	31.7	29.8	29.5	28.3
Czechia	32.6	29.6	29.7	25.1	25.1	24.3	24.9	24.8	24.2
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	27.3	26.7	22.0	24.0	24.1	29.1
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	46.0	48.2	50.3	50.3	50.3	50.3
Ecuador	6.4	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
Egypt	103.9	131.0	134.4	113.3	110.2	110.6	110.1	116.9	116.9
El Salvador	8.6	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
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	18.9	18.6	17.5	19.0	19.3	17.4
Eswatini	75.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
Ethiopia		24.0	27.8	30.0	30.8	31.5	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	8.5	7.5	6.5	5.5	5.5	6.6
France	28.6	29.3	25.0	23.8	23.9	24.6	23.1	23.6	23.6
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	5.7	5.5	5.4	5.3	5.2	4.5	4.2
Germany	61.5	51.8	45.2	34.7	34.3	33.9	33.5	33.5	33.5
Ghana	4.3	4.9	5.5	5.8	5.9	6.3	6.3	6.3	6.3
Greece	18.2	19.5	19.9	20.1	20.1	20.0	20.5	20.5	20.5
Grenada		5.0	6.1	6.8	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	1.2	1.2	1.3	1.3	1.3	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	12.9	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	9.1	6.8	7.0	6.8	7.8	7.7
Iceland	0.2	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4
India	62.7	70.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
Indonesia	15.1	19.7	24.2	27.0	27.9	28.8	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	58.8	56.2	49.0	54.1	60.5	47.1
Ireland	4.7	3.8	4.0	5.1	5.4	5.8	6.2	6.5	20.0

TABLE 52.
WATER STRESS (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2013	2014	2015	2016	2017	2018
Israel	139.2	121.3	115.6	105.5	102.1	98.9	103.4	103.6	95.9
Italy	39.7	32.3	29.7	30.0	30.0	30.0	30.0	30.0	30.0
Jamaica	10.5	11.9	13.2	14.0	14.3	7.7	12.5	12.5	12.5
Japan	41.6	38.4	37.2	36.9	36.8	36.7	36.6	36.5	36.5
Jordan	82.6	95.9	98.9	99.8	107.4	96.2	100.1	100.1	100.1
Kazakhstan	29.1	34.4	33.0	31.2	32.0	30.0	30.0	31.1	32.7
Kenya	12.9	21.2	26.5	26.5	26.5	26.5	33.2	33.2	33.2
Kiribati									
Kuwait	1 911.8	2 380.5	2 889.8	3 195.3	3 297.2	3 399.0	3 575.0	3 850.5	3 850.5
Kyrgyzstan	65.4	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	4.6	4.9	5.1	5.0	4.8	4.8
Latvia	1.7	1.3	1.6	1.4	1.0	1.0	1.1	1.1	1.1
Lebanon	41.1	35.6	47.2	54.1	56.5	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	3.2	2.6	2.8	2.2	1.9	1.8
Luxembourg	4.9	4.4	3.9	3.6	3.8	3.7	3.7	3.8	4.3
Madagascar	11.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
Malawi	15.9	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Malaysia	2.9	3.0	3.1	3.2	3.2	3.2	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	7.4	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Malta	61.3	70.7	81.0	91.3	89.1	82.8	83.0	91.1	85.1
Marshall Islands									
Mauritania	15.7	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
Mauritius	22.2	25.1	23.2	22.1	22.5	22.2	22.5	22.2	21.5
Mexico	25.6	28.6	29.9	30.6	31.9	32.1	32.5	32.9	44.5
Micronesia (Federated States of)									
Mongolia	3.6	3.8	3.9	3.5	3.3	3.2	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	1.7	1.7	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	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Nauru									
Nepal	8.4	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
Netherlands	16.0	21.9	20.8	20.2	18.0	16.0	15.2	15.0	16.4
New Zealand	2.8	3.8	4.2	7.1	8.0	8.0	8.0	8.0	8.0
Nicaragua	2.4	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7
Niger	3.6	4.2	5.4	6.2	6.4	7.3	7.5	7.5	7.5
Nigeria	8.0	9.0	9.7	9.7	9.7	9.7	9.7	9.7	9.7
North Macedonia	16.7	28.0	22.0	12.0	16.4	20.8	25.3	25.3	25.3
Norway	1.8	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0

TABLE 52.
WATER STRESS (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2013	2014	2015	2016	2017	2018
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	112.6	119.5	120.8	122.6	122.7	118.2
Palau									
Panama				0.8	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				2.6	2.8	2.9	3.0	4.8	6.5
Philippines				25.5	25.8	25.8	26.4	26.6	28.4
Poland	42.1	41.2	37.6	38.9	36.8	36.2	35.6	34.9	33.2
Portugal	21.4	19.1	18.0	17.6	17.4	17.3	17.2	12.4	12.3
Qatar	282.6	374.1	409.9	431.4	434.7	431.0	432.4	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	12.5	12.5	12.4
Romania	9.0	5.7	5.8	6.0	5.9	6.1	6.0	6.3	6.0
Russian Federation	4.8	4.4	4.4	3.9	4.5	4.0	4.1	4.1	4.1
Rwanda	5.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
Saint Kitts and Nevis					50.8	50.8	50.8	50.8	50.8
Saint Lucia				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	1.7	1.7	1.8	1.9	1.9	1.9
Saudi Arabia	819.8	894.8	914.5	894.2	894.7	948.9	906.9	883.3	1 000.0
Senegal	8.5	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
Serbia				5.0	5.3	4.4	5.3	5.3	6.3
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	132.4	108.5	84.6	85.0	83.2	81.9
Slovakia	5.0	3.9	2.6	2.7	2.4	2.5	2.4	2.4	2.4
Slovenia		6.2	6.3	7.8	6.6	6.1	6.0	6.3	6.5
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	45.7	52.7	59.8	61.0	62.1	63.6
South Sudan					4.2	4.2	4.2	4.2	4.2
Spain	49.2	51.0	47.7	44.1	44.8	43.0	42.6	42.6	42.6
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
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	3.6	3.5	3.4	3.4	3.4	3.4
Switzerland	9.7	9.0	8.0	6.6	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	69.9	69.3	68.7	57.7	52.7	64.5
Thailand				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 52.
WATER STRESS (PERCENT) (CONTINUED)

COUNTRY	2000	2005	2010	2013	2014	2015	2016	2017	2018
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	72.8	79.1	86.9	89.4	92.0	94.6	89.5	96.0
Turkey	31.2	29.9	34.9	38.1	38.6	39.9	44.3	43.7	45.4
Turkmenistan	127.9	143.6	143.6	143.6	143.6	143.6	143.6	143.6	143.6
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	15.4	14.1	11.8	12.1	13.9	13.9
United Arab Emirates	1 555.9	1 866.7	1 817.9	1 788.6	1 778.8	1 769.1	1 759.3	1 708.0	1 667.3
United Kingdom of Great Britain and Northern Ireland	21.3	22.0	14.1	13.0	12.4	13.9	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	27.5	27.8	28.2	28.2	28.2	28.2
Uruguay	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
Uzbekistan	153.1	141.0	143.1	144.3	144.7	158.1	156.4	168.9	168.9
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	32.3	32.1	31.9	31.9	31.3	35.4

Complete series are available at <http://www.fao.org/aquastat/en/> and <https://unstats.un.org/sdgs/indicators/database/> (indicator 6.4.2)

TABLE 53.
SOIL NITROGEN BUDGET (KG PER HA)

COUNTRY	2018					SOIL NUTRIENT BUDGET		
	INPUT: ATMOSPHERIC DEPOSITION	INPUT: BIOLOGICAL FIXATION	INPUT: MANURE APPLIED TO SOILS	INPUT: SYNTHETIC FERTILIZERS	OUTPUT: CROP REMOVAL	2000	2010	2018
World	11.1	21.9	17.4	69.3	54.3	55.1	65.6	65.5
Africa	6.5	6.5	5.5	15.4	20.2	10.1	11.9	13.7
Americas	8.3	66.5	16.8	65.0	85.0	51.0	63.1	71.5
Asia	16.3	9.9	20.4	107.1	57.6	80.2	101.0	96.1
Europe	9.7	4.8	24.8	51.4	42.9	50.5	50.3	47.8
Oceania	2.7	4.0	7.3	56.7	30.0	23.1	26.9	40.7
Afghanistan	18.4		9.1	5.9	12.1	17.8	13.1	21.3
Albania	8.1	1.2	46.5	35.6	24.6	65.3	80.5	66.7
Algeria	4.9	1.1	2.8	8.2	20.7	8.3	0.9	-3.6
Andorra								
Angola	5.5	3.5	9.0	4.2	16.3	3.8	4.1	5.8
Antigua and Barbuda	4.3		43.3	1.7	5.0	69.0	45.1	44.3
Argentina	5.9		4.7	28.8	84.2	16.3	44.4	32.2
Armenia	7.6	0.2	8.6	178.5	20.7	13.3	52.4	174.2
Australia	2.8	4.2	4.8	45.1	30.1	14.7	17.5	26.8
Austria	16.5	12.0	70.7	82.0	71.0	113.5	86.5	110.1
Azerbaijan	7.6	0.7	5.8	50.5	38.2	-6.0	-3.2	26.4
Bahamas	4.3	0.8	64.6	55.2	20.5	60.0	93.6	104.4
Bahrain	5.5	0.0	20.6		5.5			
Bangladesh	29.3	2.9	30.2	154.7	104.9	94.0	103.5	112.2
Barbados	4.3	0.5	171.1	28.8	24.4	157.2	117.7	180.3
Belarus	7.6	1.7	33.4	69.5	24.7	61.7	106.9	87.6
Belgium	17.8	0.5	162.3	195.0	86.1	302.6	295.0	289.6
Belize	5.3	10.5	8.0	87.7	54.6	1.4	-26.6	57.0
Benin	8.1	9.8	4.2	14.1	32.1	1.8	6.1	4.1
Bhutan	22.7	2.0	20.0	28.2	37.0	25.8	22.2	35.8
Bolivia (Plurinational State of)	5.5		22.0	3.0	51.7	19.8	26.1	29.7
Bosnia and Herzegovina	8.3	2.4	27.6	61.5	26.0	44.7	79.3	73.8
Botswana	4.8	0.0	9.8	80.9	2.2	27.0	94.6	93.4
Brazil	7.8		25.4	80.6	148.5	49.0	74.0	115.5
Brunei Darussalam	10.4		320.0		4.7			
Bulgaria	10.2	2.0	10.3	92.1	64.7	36.4	49.7	50.0
Burkina Faso	4.8	8.7	9.7	9.3	18.8	5.5	10.2	13.7
Burundi	8.7	8.4	8.8	8.7	25.3	-0.5	-1.1	9.3
Cabo Verde	5.8	0.0	20.9		4.6	54.0	66.5	22.1
Cambodia	10.4	4.2	14.0	31.4	43.9	10.8	1.1	16.2
Cameroon	7.7	7.1	5.0	6.0	21.4	7.4	5.4	4.4
Canada	5.0	23.1	6.3	71.3	45.2	27.1	46.8	60.5
Central African Republic	8.0	4.1	12.2	0.0	3.3	13.6	19.4	21.0
Chad	5.8	9.4	9.5		11.6	7.5	15.1	13.1
Chile	1.8	0.4	69.8	157.1	60.9	123.7	207.0	168.1

TABLE 53.
SOIL NITROGEN BUDGET (KG PER HA) (CONTINUED)

COUNTRY	2018					SOIL NUTRIENT BUDGET		
	INPUT: ATMOSPHERIC DEPOSITION	INPUT: BIOLOGICAL FIXATION	INPUT: MANURE APPLIED TO SOILS	INPUT: SYNTHETIC FERTILIZERS	OUTPUT: CROP REMOVAL	2000	2010	2018
China	21.4	16.6	35.1		95.8			
Colombia	8.5	1.4	32.1	57.1	23.8	106.2	209.4	75.3
Comoros	1.5	0.6	1.4		11.5	-4.5	-6.5	-8.1
Congo	7.8	2.8	3.4	0.5	11.2	7.7	3.8	3.4
Costa Rica	4.0	0.6	55.1	165.2	60.2	145.1	114.2	164.7
Côte d'Ivoire	7.3	0.2	1.5	4.6	20.9	-3.1	-1.7	-7.3
Croatia	8.1	22.6	36.8	113.5	77.6	126.8	112.0	103.5
Cuba	4.6	1.4	14.6	15.0	21.9	16.6	14.7	13.7
Cyprus	5.1	0.4	40.3	60.1	12.8	86.6	120.3	92.9
Czechia	10.5	2.2	28.0	138.9	61.1	75.5	61.5	118.5
Democratic People's Republic of Korea	11.8	7.9	10.4		39.7	-0.1	-7.9	-9.5
Democratic Republic of the Congo	8.3	2.1	1.3	0.7	14.3	-0.7	-0.8	-1.9
Denmark	14.3	0.4	69.4	79.3	65.9	103.2	80.1	97.5
Djibouti	6.1	33.8	312.5		64.1	558.2	363.9	288.3
Dominica	4.3		16.6	2.2	10.5	61.6	15.5	12.6
Dominican Republic	4.1	2.9	50.8	72.8	130.1	27.5	27.0	0.4
Ecuador	5.3	1.6	35.8	87.7	38.1	37.0	72.1	92.3
Egypt	5.3	7.7	8.3	342.3	132.9	222.7	217.7	230.7
El Salvador	6.0	3.8	18.7	64.2	30.8	51.5	81.3	62.0
Equatorial Guinea	7.1		0.8		7.7	2.8	1.4	0.3
Eritrea	9.3	0.7	8.8	6.7	7.1	21.7	11.4	18.5
Estonia	7.6	4.6	17.9	56.2	33.0	31.2	48.5	53.3
Eswatini	6.7	0.9	9.8		37.9	-16.4	-17.7	-20.4
Ethiopia	9.2	9.3	6.0	23.5	24.0	12.5	13.7	23.9
Fiji	0.8	0.1	13.4	12.0	9.9	6.0	13.1	16.4
Finland	7.2	0.4	19.8	61.6	28.1	65.1	91.3	61.0
France	15.0	4.0	43.6	117.5	74.0	115.3	98.3	106.0
Gabon	6.5	2.5	7.1	12.6	8.5	8.2	9.1	20.2
Gambia	3.1	12.4	2.3	4.5	10.2	18.4	8.8	12.1
Georgia	7.8	0.8	13.3	95.9	21.2	44.6	32.8	96.6
Germany	19.8	2.2	61.7	112.5	70.8	158.6	151.5	125.4
Ghana	7.4	7.3	2.8	7.5	25.6	-1.9	-1.4	-0.6
Greece	7.0	1.0	19.7	55.7	44.7	39.4	24.4	38.7
Grenada	4.3	4.7	20.0		41.5	0.3	14.2	-12.5
Guatemala	6.4	6.5	37.1	84.5	58.7	64.3	69.3	75.9
Guinea	6.3	10.1	3.7	2.5	17.4	-1.8	0.1	5.3
Guinea-Bissau	4.3	4.4	14.7		8.9	9.4	10.5	14.4
Guyana	2.1	0.2	14.8	42.2	36.8	11.5	21.6	22.4
Haiti	4.3	7.9	17.6		19.9	12.8	9.8	9.9
Honduras	5.3	2.5	22.1	69.0	27.9	100.5	41.3	71.0
Hungary	14.7	3.5	17.9	94.2	67.7	61.9	43.6	62.7
Iceland	9.6		34.5	97.0	0.9	141.6	103.7	140.3

TABLE 53.
SOIL NITROGEN BUDGET (KG PER HA) (CONTINUED)

COUNTRY	2018					SOIL NUTRIENT BUDGET		
	INPUT: ATMOSPHERIC DEPOSITION	INPUT: BIOLOGICAL FIXATION	INPUT: MANURE APPLIED TO SOILS	INPUT: SYNTHETIC FERTILIZERS	OUTPUT: CROP REMOVAL	2000	2010	2018
India	22.1	16.3	13.3	104.1	54.1	69.6	98.6	101.7
Indonesia	6.4	2.0	15.7	63.1	46.3	39.9	41.6	41.0
Iran (Islamic Republic of)	5.0	2.7	20.6	34.3	33.6	51.3	52.3	29.0
Iraq	5.5	0.1	2.6	34.5	17.5	59.6	11.7	25.2
Ireland	9.8	1.6			92.6			
Israel	5.5	4.7	22.1	103.9	25.7	114.7	86.2	110.6
Italy	10.0	11.4	45.2	65.7	49.4	81.0	62.6	83.1
Jamaica	4.3	1.1	30.4	17.2	27.4	46.1	30.6	25.6
Japan	9.4	4.4	37.8	88.0	46.5	101.6	101.5	93.1
Jordan	4.8	0.5	12.0	71.2	26.8	32.4	53.9	61.8
Kazakhstan	7.6	1.8	6.1	3.5	17.7	2.9	4.7	1.3
Kenya	5.4	6.0	11.0	9.5	25.4	13.4	8.2	6.6
Kiribati	1.9		10.1		26.1	-6.4	-13.6	-14.1
Kuwait	6.0				56.8			
Kyrgyzstan	7.6	2.4	34.4	18.3	37.1	15.9	23.5	25.6
Lao People's Democratic Republic	14.8	1.9	36.5		44.8	14.3	10.1	8.4
Latvia	7.6	2.7	15.2	57.2	38.4	34.3	47.4	44.2
Lebanon	5.8	3.5	31.8	65.6	44.4	70.4	61.2	62.3
Lesotho	6.4	0.5	5.8		5.3	9.6	6.7	7.3
Liberia	7.5	0.8	7.7		10.3	1.9	4.0	5.8
Libya	5.5	0.6	3.0	7.2	5.8	17.5	19.0	10.4
Lithuania	7.6	7.1	16.5	74.1	46.2	35.6	67.7	59.0
Luxembourg	18.1	0.9	117.0	204.8	45.1	295.6	301.0	295.7
Madagascar	2.5	2.0	12.4	8.0	22.7	-3.7	-9.5	2.1
Malawi	3.6	16.1	25.3	23.2	35.9	-2.2	16.5	32.3
Malaysia	6.6	0.0	11.6	46.1	54.1	23.9	59.0	10.3
Maldives	18.4			58.9	32.5	5.1	13.3	44.8
Mali	4.8	4.8	5.2	15.7	36.3	-0.8	4.7	-5.8
Malta	8.0	6.1	129.5	125.0	46.6	213.2	157.8	222.0
Marshall Islands	1.9				14.3	-0.7	-11.7	-12.4
Mauritania	3.0	3.0	23.3		13.4	13.4	13.0	15.8
Mauritius	6.1	0.1	18.8	93.8	43.5	98.4	27.5	75.3
Mexico	6.6	3.5	18.8	50.0	35.0	51.7	39.8	44.0
Micronesia (Federated States of)			20.7		14.2	4.4	7.3	6.5
Mongolia	2.6		122.5	30.4	7.6	93.6	68.4	147.8
Montenegro	8.0	5.3	336.8		37.5			
Morocco	4.4	2.0	4.1	27.4	30.7	21.2	10.8	7.2
Mozambique	3.5	1.9	5.2	4.5	11.1	6.2	2.7	4.0
Myanmar	10.4	25.2	33.3	21.5	54.2	18.7	4.6	36.2
Namibia	4.3	0.0	7.0	25.1	4.3	5.6	11.2	32.2
Nauru	1.9		53.0	0.0	35.6	24.1	22.6	19.4
Nepal	23.6	7.4	44.7	54.7	78.7	23.9	22.1	51.8

TABLE 53.
SOIL NITROGEN BUDGET (KG PER HA) (CONTINUED)

COUNTRY	2018					SOIL NUTRIENT BUDGET		
	INPUT: ATMOSPHERIC DEPOSITION	INPUT: BIOLOGICAL FIXATION	INPUT: MANURE APPLIED TO SOILS	INPUT: SYNTHETIC FERTILIZERS	OUTPUT: CROP REMOVAL	2000	2010	2018
Netherlands	22.9	0.3	278.8		65.2			
New Zealand	2.5	2.0	125.5		47.1			
Nicaragua	4.7	9.2	23.8	27.0	20.2	21.6	44.9	44.4
Niger	4.3	8.5	1.8	0.4	8.4	2.6	4.6	6.5
Nigeria	8.3	8.3	4.4	10.9	19.0	3.7	10.2	12.9
North Macedonia	8.0	1.8	31.6	39.0	35.9	42.4	50.3	44.5
Norway	7.2	0.2	60.1	127.0	20.3	144.6	133.2	174.1
Oman	5.1		14.0	93.9	22.8	58.8	136.3	90.1
Pakistan	18.8	1.1	25.1	110.1	38.4	69.9	110.5	116.7
Palau								
Panama	4.4	0.4	22.4	15.5	16.5	30.2	39.3	26.2
Papua New Guinea	1.5	0.1	15.5	31.7	25.9	-0.7	9.8	22.9
Paraguay	9.3		7.5	27.6	150.4	36.8	60.0	78.3
Peru	3.5	2.5	24.2	51.2	38.6	32.5	36.8	42.7
Philippines	5.6	0.2	14.6	59.4	48.2	31.1	32.9	31.6
Poland	16.5	0.5	36.5	96.0	42.5	71.7	109.3	107.1
Portugal	7.1	0.3	52.0	59.2	20.7	72.2	89.0	97.8
Qatar	5.5		60.6	82.4	7.3	53.7	106.9	141.1
Republic of Korea	14.0	5.1	80.6	135.4	65.1	205.7	147.6	170.0
Republic of Moldova	7.8	3.5	14.5	33.3	45.8	2.4	2.4	13.3
Romania	11.9	5.1	21.1	37.7	69.3	37.1	33.5	6.5
Russian Federation	7.6	4.0	9.4	12.5	24.8	12.7	14.6	8.7
Rwanda	10.0	12.3	16.1	3.1	36.2	-7.1	-4.6	5.3
Saint Kitts and Nevis	4.3	0.3	28.5		3.4			
Saint Lucia	4.3		73.1	13.2	10.9	162.4	55.6	79.7
Saint Vincent and the Grenadines	4.3	5.5	33.8		52.7	10.7	3.8	-9.0
Samoa	1.9		21.8	0.2	22.3	4.1	1.5	1.5
San Marino								
Sao Tome and Principe	7.1		13.1		12.1	0.6	6.8	8.2
Saudi Arabia	2.8	0.0	6.2	47.8	8.4	54.0	34.3	48.4
Senegal	3.3	13.8	5.7	11.3	11.5	20.3	21.5	22.7
Serbia	8.0	18.9	24.8	41.7	80.2		63.4	13.2
Seychelles	6.1		54.5	30.2	12.2	57.9	41.0	78.6
Sierra Leone	7.2	0.7	2.1		10.7	1.9	-3.2	-0.6
Singapore	10.4				23.6			
Slovakia	10.5	6.8	20.1	94.5	63.1	58.1	61.0	68.8
Slovenia	8.1	2.2	85.0	115.8	45.5	242.9	168.0	165.6
Solomon Islands			4.6		34.0	-27.6	-29.7	-29.4
Somalia	6.1	1.1	17.7		5.2	19.3	18.8	19.7
South Africa	6.0	10.3	4.3	37.9	30.2	20.3	22.9	28.3
South Sudan		1.3	18.4		4.3			15.4
Spain	7.9	1.5	31.8	61.6	43.3	58.5	57.4	59.5

TABLE 53.
SOIL NITROGEN BUDGET (KG PER HA) (CONTINUED)

COUNTRY	2018					SOIL NUTRIENT BUDGET		
	INPUT: ATMOSPHERIC DEPOSITION	INPUT: BIOLOGICAL FIXATION	INPUT: MANURE APPLIED TO SOILS	INPUT: SYNTHETIC FERTILIZERS	OUTPUT: CROP REMOVAL	2000	2010	2018
Sri Lanka	7.9	1.0	5.6	29.0	37.5	61.0	51.7	6.0
Sudan	7.9	7.9	4.3	8.2	9.4			18.8
Suriname	5.9	0.0	31.9	102.7	62.1	67.6	143.0	78.4
Sweden	11.7	1.9	25.1	72.1	29.8	67.9	66.2	81.0
Switzerland	17.2	3.2	173.0	105.2	57.3	240.9	260.0	241.4
Syrian Arab Republic	6.4	1.5	0.9	0.9	10.6	21.2	4.8	-0.8
Tajikistan	7.7	2.6	69.4	9.3	61.9	6.0	7.3	27.1
Thailand	13.9	0.4	8.0	71.1	38.4	38.1	64.9	55.0
Timor-Leste		2.7	26.5		15.5	10.9	3.9	13.7
Togo	7.7	3.4	6.8	1.5	14.2	6.1	7.4	5.2
Tonga	1.9	1.4	21.9	2.1	29.2	10.5	-2.7	-1.9
Trinidad and Tobago	4.3	3.3	185.0	138.3	9.3	181.3	273.6	321.6
Tunisia	4.8	1.0	3.1	14.4	13.7	11.9	15.4	9.6
Turkey	7.9	3.9	3.7	65.9	46.9	26.7	30.8	34.3
Turkmenistan	7.6	0.3	38.9		33.8	-22.7	-12.8	13.1
Tuvalu			61.1		4.8	43.8	53.3	56.3
Uganda	10.8	5.3	8.3	1.2	18.9	-3.8	4.4	6.6
Ukraine	7.6	11.8	8.2	41.6	56.9	13.4	12.3	12.4
United Arab Emirates	0.2		36.9	185.3	10.0	92.9	302.5	212.4
United Kingdom of Great Britain and Northern Ireland	13.5	5.5	83.0	169.8	79.9	210.9	188.3	191.9
United Republic of Tanzania	5.0	7.9	4.3	9.1	19.5	1.3	2.0	6.7
United States of America	10.8		15.4	72.6	89.0	62.7	68.8	73.1
Uruguay	9.1		19.9	85.8	63.9	37.1	88.6	104.0
Uzbekistan	7.6	0.8	65.4	161.6	69.3	99.1	103.2	166.0
Vanuatu	1.1	0.9	11.1		13.6	0.0	-2.2	-0.5
Venezuela (Bolivarian Republic of)	6.2	0.4	43.3	79.0	21.2	69.3	113.3	107.7
Viet Nam	15.6	3.0	26.3	136.4	66.3	142.3	97.4	115.0
Yemen	3.7	3.3	8.4	2.6	13.3	2.8	10.2	4.6
Zambia	4.8	8.7	6.7	38.6	17.9	3.2	18.5	40.8
Zimbabwe	4.6	2.4	3.7	15.9	7.7	19.8	19.0	18.8

Complete series are available at <http://www.fao.org/faostat/en/#data/ESB>

TABLE 54.
GREENHOUSE GAS EMISSIONS ON AGRICULTURAL LAND, 2019 (MILLION TONNES CO₂ EQ)

COUNTRY	COMPONENT			GREENHOUSE GAS			TOTAL
	FARM-GATE EMISSIONS	NET FOREST CONVERSION	FIRES IN HUMID TROPICAL FORESTS AND ORGANIC SOILS	CO ₂	N ₂ O	CH ₄	
World	7 213.9	2 945.1	557.7	4 490.4	4 095.7	2 130.5	10 716.6
Africa	1 138.9	1 140.6	78.9	1 236.1	716.1	406.3	2 358.4
Americas	1 748.4	1 298.3	21.4	1 506.0	1 039.7	522.5	3 068.1
Asia	3 249.9	407.5	457.3	1 374.9	1 863.1	876.7	4 114.7
Europe	854.0	82.9	0.0	314.5	364.2	258.2	936.9
Oceania	222.7	15.8	0.1	59.0	112.7	66.9	238.6
Afghanistan	16.5	0.0	0.0	0.1	12.2	4.1	16.5
Albania	3.4	0.0	0.0	0.4	2.1	0.9	3.4
Algeria	13.0	0.6	0.0	1.0	7.7	5.0	13.7
Andorra	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Angola	37.0	35.2	12.7	35.8	27.0	22.1	84.9
Antigua and Barbuda	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Argentina	152.6	54.7	0.1	70.3	95.2	41.8	207.4
Armenia	2.2	0.0	0.0	0.4	0.7	1.0	2.2
Australia	140.0	1.3	0.1	11.8	79.3	50.2	141.3
Austria	8.5	0.2	0.0	1.2	5.2	2.4	8.8
Azerbaijan	8.6	0.5	0.0	1.6	4.4	3.1	9.1
Bahamas	0.1	0.0	0.0	0.1	0.0	0.0	0.1
Bahrain	0.3	0.0	0.0	0.2	0.0	0.1	0.3
Bangladesh	117.4	0.0	0.0	25.5	68.1	23.9	117.4
Barbados	0.1	0.0	0.0	0.0	0.0	0.0	0.1
Belarus	45.1	0.0	0.0	24.7	10.3	10.1	45.1
Belgium	11.7	0.0	0.0	1.9	6.8	3.0	11.7
Belize	0.7	5.0	0.1	5.3	0.3	0.2	5.8
Benin	6.1	10.8	0.1	11.2	3.5	2.2	16.9
Bhutan	0.6	0.0	0.0	0.0	0.4	0.1	0.6
Bolivia (Plurinational State of)	31.1	67.7	9.1	68.3	27.1	12.5	107.9
Bosnia and Herzegovina	2.9	0.0	0.0	0.2	1.6	1.0	2.9
Botswana	4.1	40.5	0.0	41.5	1.8	1.3	44.6
Brazil	552.8	653.4	9.9	678.0	380.6	157.4	1 216.0
Brunei Darussalam	0.5	0.0	0.0	0.4	0.0	0.1	0.5
Bulgaria	6.8	3.2	0.0	5.0	1.9	3.2	10.0
Burkina Faso	24.8	6.5	0.0	6.9	16.0	8.4	31.3
Burundi	6.5	0.0	0.0	3.5	1.5	1.4	6.5
Cabo Verde	0.1	0.0	0.0	0.0	0.1	0.0	0.1
Cambodia	23.2	31.2	1.6	31.4	20.1	4.4	56.0
Cameroon	14.9	32.9	0.9	35.0	8.4	5.3	48.7
Canada	97.4	96.1	0.0	135.4	27.1	31.1	193.5
Central African Republic	16.7	13.9	12.4	14.0	16.6	12.4	43.0
Chad	76.7	23.3	0.7	23.3	54.4	23.0	100.7
Chile	13.0	0.0	0.0	2.1	6.1	4.8	13.0
China	791.8	0.0	0.0	113.9	366.2	311.8	791.8

TABLE 54.
GREENHOUSE GAS EMISSIONS ON AGRICULTURAL LAND, 2019 (MILLION TONNES CO₂ EQ) (CONTINUED)

COUNTRY	COMPONENT			GREENHOUSE GAS			TOTAL
	FARM-GATE EMISSIONS	NET FOREST CONVERSION	FIRES IN HUMID TROPICAL FORESTS AND ORGANIC SOILS	CO ₂	N ₂ O	CH ₄	
Colombia	73.6	82.5	0.2	87.2	51.5	17.6	156.2
Comoros	0.3	0.1	0.0	0.1	0.3	0.0	0.4
Congo	7.1	6.8	0.4	10.5	1.9	1.9	14.2
Costa Rica	4.6	0.0	0.0	0.3	2.9	1.4	4.6
Côte d'Ivoire	9.4	23.7	0.0	27.3	3.3	2.5	33.1
Croatia	3.4	0.5	0.0	1.2	1.5	1.2	3.8
Cuba	13.6	0.0	0.0	2.6	8.1	2.9	13.6
Cyprus	0.5	0.0	0.0	0.1	0.2	0.2	0.6
Czechia	8.3	1.0	0.0	2.4	3.3	3.5	9.2
Democratic People's Republic of Korea	5.6	3.1	0.0	3.5	4.0	1.2	8.7
Democratic Republic of the Congo	28.0	600.8	23.0	601.8	27.4	22.5	651.7
Denmark	13.3	2.3	0.0	4.8	6.7	4.0	15.6
Djibouti	0.8	0.0	0.0	0.0	0.5	0.2	0.8
Dominica	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dominican Republic	10.2	0.6	0.0	1.0	7.2	2.6	10.8
Ecuador	13.8	26.0	0.0	26.7	9.3	3.9	39.8
Egypt	36.8	0.2	0.0	3.9	18.8	14.2	36.9
El Salvador	2.6	1.1	0.0	1.4	1.6	0.9	3.8
Equatorial Guinea	0.1	3.8	0.0	3.9	0.0	0.0	3.9
Eritrea	4.8	0.7	0.0	0.7	3.4	1.4	5.5
Estonia	4.7	0.0	0.0	2.8	0.7	1.1	4.7
Eswatini	1.1	0.3	0.0	0.4	0.7	0.4	1.4
Ethiopia	124.7	31.2	0.2	38.9	77.5	39.7	156.1
Fiji	0.7	0.0	0.0	0.2	0.4	0.2	0.7
Finland	13.9	0.0	0.0	8.0	2.4	3.5	13.9
France	91.5	0.0	0.0	15.7	45.6	30.1	91.5
Gabon	1.5	5.7	0.0	6.6	0.3	0.4	7.2
Gambia	1.4	0.5	0.0	0.6	1.0	0.3	1.9
Georgia	2.2	0.0	0.0	0.1	1.2	0.9	2.2
Germany	77.9	0.0	0.0	17.6	35.7	24.5	77.9
Ghana	11.1	0.0	0.0	0.7	6.1	4.3	11.1
Greece	8.9	0.0	0.0	1.6	4.3	2.9	8.9
Grenada	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Guatemala	11.2	4.4	0.1	4.8	7.3	3.6	15.7
Guinea	23.2	11.4	0.1	12.8	16.0	5.8	34.7
Guinea-Bissau	2.1	1.5	0.1	1.5	1.4	0.7	3.7
Guyana	7.5	9.7	0.0	14.6	1.8	0.9	17.3
Haiti	4.9	0.6	0.0	0.8	3.5	1.3	5.5
Honduras	7.7	5.5	0.2	5.8	5.3	2.3	13.4
Hungary	14.6	0.4	0.0	7.5	2.8	4.6	15.0
Iceland	1.3	0.0	0.0	0.6	0.3	0.3	1.3

TABLE 54.
GREENHOUSE GAS EMISSIONS ON AGRICULTURAL LAND, 2019 (MILLION TONNES CO₂ EQ) (CONTINUED)

COUNTRY	COMPONENT			GREENHOUSE GAS			TOTAL
	FARM-GATE EMISSIONS	NET FOREST CONVERSION	FIRES IN HUMID TROPICAL FORESTS AND ORGANIC SOILS	CO ₂	N ₂ O	CH ₄	
India	768.2	0.0	0.4	12.2	560.9	195.5	768.6
Indonesia	491.5	221.4	436.2	857.4	212.3	79.4	1 149.1
Iran (Islamic Republic of)	47.2	0.0	0.0	13.6	18.7	15.0	47.2
Iraq	12.2	0.5	0.0	3.0	5.5	4.1	12.7
Ireland	25.9	0.0	0.0	1.9	16.2	7.9	25.9
Israel	2.8	0.1	0.0	1.2	0.7	1.0	2.8
Italy	42.3	0.0	0.0	8.5	23.5	10.2	42.3
Jamaica	3.5	0.0	0.0	2.9	0.3	0.3	3.5
Japan	44.1	1.7	0.0	21.4	16.4	8.0	45.8
Jordan	1.7	0.0	0.0	0.5	0.7	0.6	1.7
Kazakhstan	32.9	0.0	0.0	3.4	19.8	9.7	32.9
Kenya	53.3	0.0	0.0	0.4	36.4	16.5	53.3
Kiribati	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kuwait	1.5	0.0	0.0	0.9	0.2	0.4	1.5
Kyrgyzstan	5.8	0.0	0.0	0.0	4.2	1.6	5.8
Lao People's Democratic Republic	10.4	13.1	0.7	13.3	8.3	2.6	24.2
Latvia	5.5	0.6	0.0	3.4	1.1	1.6	6.1
Lebanon	1.1	0.0	0.0	0.3	0.3	0.5	1.1
Lesotho	1.5	0.0	0.0	0.1	0.9	0.5	1.5
Liberia	0.8	13.7	0.2	13.9	0.4	0.4	14.7
Libya	3.7	0.0	0.0	0.6	1.9	1.2	3.7
Lithuania	9.6	0.7	0.0	5.6	1.8	2.8	10.3
Luxembourg	0.7	0.0	0.0	0.1	0.5	0.2	0.7
Madagascar	28.1	4.7	0.2	10.3	15.5	7.2	33.0
Malawi	9.0	7.1	0.2	8.2	3.9	4.1	16.2
Malaysia	61.0	31.4	8.0	84.2	7.3	8.9	100.4
Maldives	0.1	0.0	0.0	0.1	0.0	0.0	0.1
Mali	36.9	0.1	0.0	0.3	24.3	12.3	37.0
Malta	0.1	0.0	0.0	0.0	0.1	0.0	0.1
Marshall Islands	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mauritania	10.7	0.7	0.0	1.1	7.4	2.8	11.4
Mauritius	0.2	0.0	0.0	0.1	0.0	0.1	0.2
Mexico	114.7	14.8	0.6	26.7	68.4	35.0	130.0
Micronesia (Federated States of)	0.1	0.0	0.0	0.0	0.1	0.0	0.1
Mongolia	34.5	0.2	0.0	3.3	19.2	12.1	34.7
Montenegro	0.5	0.0	0.0	0.0	0.3	0.1	0.5
Morocco	18.5	0.0	0.0	3.1	8.6	6.8	18.5
Mozambique	18.9	53.2	4.2	53.2	13.3	9.8	76.3
Myanmar	114.8	81.5	7.8	105.9	76.2	22.0	204.1
Namibia	6.8	10.6	0.0	11.7	3.7	2.1	17.4
Nauru	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nepal	31.8	0.0	1.1	3.9	23.0	5.9	32.9

TABLE 54.
GREENHOUSE GAS EMISSIONS ON AGRICULTURAL LAND, 2019 (MILLION TONNES CO₂ EQ) (CONTINUED)

COUNTRY	COMPONENT			GREENHOUSE GAS			TOTAL
	FARM-GATE EMISSIONS	NET FOREST CONVERSION	FIRES IN HUMID TROPICAL FORESTS AND ORGANIC SOILS	CO ₂	N ₂ O	CH ₄	
Netherlands	28.1	0.0	0.0	9.1	13.1	6.1	28.2
New Zealand	46.1	1.8	0.0	4.1	30.8	13.0	47.9
Nicaragua	12.1	20.4	0.1	20.5	9.1	2.9	32.6
Niger	33.0	1.3	0.0	1.4	22.6	10.4	34.3
Nigeria	89.1	46.0	0.2	49.7	57.9	27.6	135.2
North Macedonia	1.3	0.0	0.0	0.1	0.9	0.4	1.3
Norway	7.2	0.0	0.0	2.0	2.9	2.4	7.2
Oman	3.0	0.0	0.0	1.1	1.2	0.7	3.0
Pakistan	205.1	7.0	0.0	8.0	151.5	52.6	212.1
Palau	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Panama	4.5	3.8	0.0	4.7	2.6	1.0	8.4
Papua New Guinea	34.2	11.5	0.0	41.4	1.2	3.2	45.7
Paraguay	33.7	47.8	0.4	48.9	24.3	8.8	81.9
Peru	28.1	92.9	0.1	93.3	20.4	7.5	121.1
Philippines	65.8	0.0	0.0	0.7	55.3	9.8	65.9
Poland	61.0	0.0	0.0	27.5	17.0	16.5	61.0
Portugal	8.8	0.0	0.0	1.4	5.4	2.0	8.8
Qatar	1.5	0.0	0.0	0.8	0.4	0.3	1.5
Republic of Korea	18.9	2.8	0.0	6.5	10.5	4.7	21.7
Republic of Moldova	2.1	0.0	0.0	0.5	0.7	0.9	2.1
Romania	17.7	5.1	0.0	7.2	9.0	6.6	22.8
Russian Federation	145.7	34.5	0.0	82.0	57.2	41.1	180.2
Rwanda	5.6	0.0	0.0	2.1	2.0	1.5	5.6
Saint Kitts and Nevis	0.0	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	0.0
Saint Vincent and the Grenadines	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Samoa	0.2	0.1	0.0	0.1	0.2	0.1	0.3
San Marino	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sao Tome and Principe	0.0	0.2	0.0	0.2	0.0	0.0	0.2
Saudi Arabia	18.3	0.0	0.0	11.3	3.4	3.6	18.3
Senegal	13.1	4.0	0.0	4.5	8.0	4.7	17.1
Serbia	6.8	6.6	0.0	7.1	3.7	2.6	13.4
Seychelles	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sierra Leone	3.8	3.5	0.0	3.5	2.6	1.1	7.2
Singapore	0.6	0.0	0.0	0.6	0.0	0.1	0.6
Slovakia	2.8	0.0	0.0	0.3	1.2	1.3	2.8
Slovenia	2.1	1.2	0.0	1.6	1.2	0.5	3.3
Solomon Islands	0.1	0.2	0.0	0.2	0.1	0.0	0.3
Somalia	22.9	17.4	0.0	17.4	17.5	5.4	40.2
South Africa	37.6	6.7	0.0	14.4	17.4	12.5	44.3
South Sudan	50.0	0.0	0.5	6.9	26.7	16.9	50.5
Spain	49.6	0.8	0.0	8.2	27.4	14.8	50.4

TABLE 54.
GREENHOUSE GAS EMISSIONS ON AGRICULTURAL LAND, 2019 (MILLION TONNES CO₂ EQ) (CONTINUED)

COUNTRY	COMPONENT			GREENHOUSE GAS			TOTAL
	FARM-GATE EMISSIONS	NET FOREST CONVERSION	FIRES IN HUMID TROPICAL FORESTS AND ORGANIC SOILS	CO ₂	N ₂ O	CH ₄	
Sri Lanka	7.4	0.6	0.0	1.9	4.7	1.4	8.0
Sudan	78.9	21.0	0.0	21.7	53.3	24.9	99.9
Suriname	1.9	8.6	0.0	9.7	0.6	0.3	10.5
Sweden	13.3	23.8	0.0	29.8	3.6	3.8	37.2
Switzerland	6.5	0.5	0.0	1.2	4.3	1.5	7.0
Syrian Arab Republic	7.0	0.3	0.0	1.3	3.6	2.5	7.4
Tajikistan	7.0	0.0	0.0	0.1	5.2	1.7	7.0
Thailand	80.3	11.5	1.3	21.5	54.7	16.9	93.1
Timor-Leste	1.0	0.5	0.0	0.5	0.8	0.2	1.4
Togo	3.2	1.1	0.0	1.2	1.7	1.4	4.4
Tonga	0.1	0.0	0.0	0.0	0.1	0.0	0.1
Trinidad and Tobago	0.4	0.1	0.0	0.2	0.1	0.2	0.5
Tunisia	6.1	0.0	0.0	1.4	2.4	2.3	6.1
Turkey	62.8	0.0	0.0	9.4	26.6	26.8	62.8
Turkmenistan	11.4	0.0	0.0	1.0	7.7	2.7	11.4
Tuvalu	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Uganda	38.5	10.5	0.0	18.4	19.8	10.8	49.0
Ukraine	43.5	1.4	0.0	16.0	11.3	17.6	44.9
United Arab Emirates	4.0	0.0	0.0	1.7	1.4	0.8	4.0
United Kingdom of Great Britain and Northern Ireland	56.3	0.0	0.0	4.8	30.6	20.9	56.3
United Republic of Tanzania	65.9	59.2	4.0	64.4	42.7	21.9	129.0
United States of America	476.7	59.7	0.0	147.1	226.9	162.4	536.4
Uruguay	28.3	0.0	0.0	0.6	20.9	6.7	28.3
Uzbekistan	38.0	0.0	0.0	0.2	25.7	12.2	38.0
Vanuatu	0.5	0.0	0.0	0.0	0.4	0.1	0.5
Venezuela (Bolivarian Republic of)	44.2	39.9	0.5	43.3	30.3	11.0	84.7
Viet Nam	79.1	0.0	0.1	6.3	54.0	18.9	79.2
Yemen	7.4	0.0	0.0	0.1	4.7	2.6	7.4
Zambia	38.1	19.0	18.9	32.8	22.0	21.2	76.0
Zimbabwe	11.9	10.7	0.0	11.1	7.3	4.2	22.6

Complete series are available at <http://www.fao.org/faostat/en/#data/GT>

TABLE 55.
FARM-GATE GREENHOUSE GAS EMISSIONS BY ACTIVITY, 2019 (MILLION TONNES CO₂ EQ)

COUNTRY	ENTERIC FERMENTATION	DRAINED ORGANIC SOILS	MANURE LEFT ON PASTURE	RICE CULTIVATION	SYNTHETIC FERTILIZERS	OTHER	TOTAL
World	2 823.4	832.9	763.9	674.4	600.5	1 518.8	7 213.9
Africa	524.4	74.2	240.0	49.4	22.7	228.1	1 138.9
Americas	909.0	88.8	226.7	30.1	133.3	360.6	1 748.4
Asia	1 022.7	466.2	235.0	587.4	351.6	587.0	3 249.9
Europe	280.7	166.9	30.6	7.4	82.2	286.2	854.0
Oceania	86.6	36.8	31.6	0.1	10.7	56.9	222.7
Afghanistan	10.9		2.7	0.5	0.5	1.9	16.5
Albania	1.7	0.1	0.3		0.2	1.0	3.4
Algeria	7.3		3.9	0.0	0.4	1.4	13.0
Andorra						0.0	0.0
Angola	5.5	0.5	2.7	0.1	0.1	28.1	37.0
Antigua and Barbuda	0.0		0.0		0.0	0.0	0.0
Argentina	90.3	3.9	23.9	1.4	5.6	27.4	152.6
Armenia	0.7		0.4		0.6	0.5	2.2
Australia	58.2	2.9	22.1	0.1	8.1	48.7	140.0
Austria	4.1	0.1	0.4		0.6	3.3	8.5
Azerbaijan	4.1		2.1	0.0	0.5	1.9	8.6
Bahamas	0.0		0.0		0.0	0.1	0.1
Bahrain	0.0		0.0		0.0	0.2	0.3
Bangladesh	33.0	24.0	8.7	32.1	6.9	12.8	117.4
Barbados	0.0		0.0		0.0	0.0	0.1
Belarus	8.9	26.9	0.5		2.1	6.7	45.1
Belgium	5.0	0.2	0.4		0.9	5.2	11.7
Belize	0.2	0.2	0.1	0.0	0.1	0.1	0.7
Benin	2.8		1.4	0.1	0.1	1.7	6.1
Bhutan	0.4		0.1	0.0	0.0	0.1	0.6
Bolivia (Plurinational State of)	19.8		5.6	0.4	0.1	5.3	31.1
Bosnia and Herzegovina	1.3	0.1	0.2		0.5	0.9	2.9
Botswana	1.3	0.9	0.6		0.1	1.2	4.1
Brazil	355.1	0.4	91.0	3.1	26.9	76.2	552.8
Brunei Darussalam	0.0	0.4	0.0	0.0	0.0	0.1	0.5
Bulgaria	1.5	1.3	0.2	0.1	1.8	1.9	6.8
Burkina Faso	13.6		6.6	1.2	0.3	3.1	24.8
Burundi	1.3	3.9	0.7	0.1	0.1	0.4	6.5
Cabo Verde	0.1		0.0			0.1	0.1
Cambodia	4.8		0.8	13.1	0.5	3.9	23.2
Cameroon	6.5	2.2	3.2	0.5	0.2	2.3	14.9
Canada	20.1	24.2	4.0		14.2	34.8	97.4
Central African Republic	5.4	0.1	2.6	0.0	0.0	8.7	16.7
Chad	49.8		20.5	0.4		6.0	76.7
Chile	5.7	0.6	1.9	0.2	1.5	3.2	13.0
China	183.4	2.2	55.3	147.4	162.9	240.7	791.8
Colombia	46.2	0.9	11.5	3.1	3.1	8.7	73.6
Comoros	0.1		0.0	0.2		0.0	0.3

TABLE 55.

FARM-GATE GREENHOUSE GAS EMISSIONS BY ACTIVITY, 2019 (MILLION TONNES CO₂EQ) (CONTINUED)

COUNTRY	ENTERIC FERMENTATION	DRAINED ORGANIC SOILS	MANURE LEFT ON PASTURE	RICE CULTIVATION	SYNTHETIC FERTILIZERS	OTHER	TOTAL
Congo	0.4	4.1	0.2	0.0	0.0	2.4	7.1
Costa Rica	2.8	0.2	0.5	0.0	0.5	0.6	4.6
Côte d'Ivoire	2.0	3.3	1.2	0.6	0.2	2.1	9.4
Croatia	1.1	0.0	0.1		0.5	1.6	3.4
Cuba	7.0		1.9	0.8	0.3	3.5	13.6
Cyprus	0.2		0.1		0.0	0.2	0.5
Czechia	2.8	0.2	0.2		2.1	3.1	8.3
Democratic People's Republic of Korea	1.4	0.1	0.5	2.3		1.3	5.6
Democratic Republic of the Congo	1.8	0.6	1.0	1.2	0.1	23.3	28.0
Denmark	3.9	1.4	0.3		1.2	6.5	13.3
Djibouti	0.5		0.2			0.0	0.8
Dominica	0.0		0.0		0.0	0.0	0.0
Dominican Republic	5.4		1.6	1.5	0.4	1.3	10.2
Ecuador	7.4	0.1	1.9	1.5	1.0	1.8	13.8
Egypt	12.0		5.1	6.3	7.2	6.2	36.8
El Salvador	1.5		0.4	0.0	0.3	0.5	2.6
Equatorial Guinea	0.0	0.0	0.0			0.1	0.1
Eritrea	3.2	0.0	1.3		0.0	0.2	4.8
Estonia	0.6	3.1	0.1		0.2	0.7	4.7
Eswatini	0.6		0.3	0.0		0.2	1.1
Ethiopia	73.1	7.7	33.1	0.2	2.1	8.4	124.7
Fiji	0.3	0.1	0.1	0.0	0.0	0.2	0.7
Finland	1.9	8.7	0.2		0.8	2.3	13.9
France	37.3	6.0	3.9	0.2	12.3	31.7	91.5
Gabon	0.1	0.9	0.1	0.0	0.0	0.5	1.5
Gambia	0.5		0.2	0.5	0.0	0.1	1.4
Georgia	1.1		0.6		0.2	0.2	2.2
Germany	27.0	13.3	2.3		8.3	26.9	77.9
Ghana	3.7	0.1	2.2	0.6	0.3	4.2	11.1
Greece	3.4	1.5	1.1	0.4	1.0	1.4	8.9
Grenada	0.0		0.0			0.0	0.0
Guatemala	6.9		1.7	0.0	0.9	1.7	11.2
Guinea	8.1	1.1	3.8	6.0	0.1	4.1	23.2
Guinea-Bissau	0.9	0.0	0.4	0.2		0.5	2.1
Guyana	0.2	4.8	0.1	1.5	0.1	0.8	7.5
Haiti	3.2		1.0	0.2		0.6	4.9
Honduras	4.9		1.2	0.0	0.6	1.0	7.7
Hungary	2.1	6.3	0.2	0.0	2.1	3.9	14.6
Iceland	0.3	0.2	0.1		0.1	0.7	1.3
India	393.5	6.9	59.2	129.4	94.4	84.8	768.2
Indonesia	30.2	343.1	13.0	63.2	16.8	25.2	491.5
Iran (Islamic Republic of)	14.3		6.5	2.7	3.1	20.7	47.2
Iraq	3.6		1.8	1.0	0.9	4.9	12.2
Ireland	14.1	2.9	1.6		1.9	5.4	25.9

TABLE 55.
FARM-GATE GREENHOUSE GAS EMISSIONS BY ACTIVITY, 2019 (MILLION TONNES CO₂EQ) (CONTINUED)

COUNTRY	ENTERIC FERMENTATION	DRAINED ORGANIC SOILS	MANURE LEFT ON PASTURE	RICE CULTIVATION	SYNTHETIC FERTILIZERS	OTHER	TOTAL
Israel	0.6		0.5		0.3	1.4	2.8
Italy	16.2	0.9	1.9	3.1	3.3	16.9	42.3
Jamaica	0.3	0.3	0.1	0.0	0.0	2.7	3.5
Japan	5.9	4.5	1.4	9.0	2.1	21.1	44.1
Jordan	0.6		0.4		0.1	0.6	1.7
Kazakhstan	15.7		3.3	0.6	0.6	12.7	32.9
Kenya	34.9	0.1	15.0	0.0	0.4	2.8	53.3
Kiribati	0.0		0.0			0.0	0.0
Kuwait	0.2		0.2		0.0	1.1	1.5
Kyrgyzstan	3.8		0.8	0.1	0.1	1.0	5.8
Lao People's Democratic Republic	4.9		0.9	2.2		2.5	10.4
Latvia	0.9	3.0	0.1		0.4	1.1	5.5
Lebanon	0.2		0.3		0.1	0.4	1.1
Lesotho	0.9		0.4			0.2	1.5
Liberia	0.2	0.2	0.1	0.1		0.3	0.8
Libya	1.8		1.0		0.1	0.8	3.7
Lithuania	1.5	5.9	0.1		0.9	1.2	9.6
Luxembourg	0.4	0.0	0.0		0.1	0.2	0.7
Madagascar	9.8	6.1	4.5	4.0	0.1	3.5	28.1
Malawi	3.1	1.2	1.6	0.1	0.4	2.6	9.0
Malaysia	1.2	47.9	0.8	3.4	2.6	5.2	61.0
Maldives					0.0	0.1	0.1
Mali	20.0		9.4	1.8	0.6	5.2	36.9
Malta	0.0		0.0		0.0	0.1	0.1
Marshall Islands					0.0	0.0	0.0
Mauritania	6.5		2.6	0.6		0.9	10.7
Mauritius	0.0		0.1	0.0	0.0	0.1	0.2
Mexico	64.4		18.6	0.1	7.9	23.7	114.7
Micronesia (Federated States of)	0.0		0.0	0.0		0.1	0.1
Mongolia	18.3	6.5	6.3		0.2	3.2	34.5
Montenegro	0.3	0.0	0.0		0.0	0.1	0.5
Morocco	8.0		4.7	0.1	1.1	4.6	18.5
Mozambique	2.7		1.3	1.4	0.1	13.4	18.9
Myanmar	35.4	19.1	6.4	30.3	1.2	22.3	114.8
Namibia	3.2	0.0	1.5		0.1	2.0	6.8
Nauru	0.0		0.0		0.0	0.0	0.0
Nepal	16.6	3.3	2.8	4.4	0.6	4.1	31.8
Netherlands	9.4	2.9	0.8		1.2	13.9	28.1
New Zealand	27.2	1.5	9.1		2.5	5.8	46.1
Nicaragua	8.7	0.1	2.1	0.1	0.3	0.8	12.1
Niger	21.6		9.5	0.1	0.0	1.8	33.0
Nigeria	37.9		19.8	16.2	2.2	13.0	89.1
North Macedonia	0.7		0.1	0.0	0.1	0.3	1.3
Norway	2.4	2.2	0.3		0.6	1.7	7.2

TABLE 55.

FARM-GATE GREENHOUSE GAS EMISSIONS BY ACTIVITY, 2019 (MILLION TONNES CO₂EQ) (CONTINUED)

COUNTRY	ENTERIC FERMENTATION	DRAINED ORGANIC SOILS	MANURE LEFT ON PASTURE	RICE CULTIVATION	SYNTHETIC FERTILIZERS	OTHER	TOTAL
Oman	1.2		0.5		0.1	1.3	3.0
Pakistan	128.1		23.7	11.9	18.6	22.7	205.1
Palau						0.0	0.0
Panama	2.5	0.9	0.6	0.0	0.1	0.4	4.5
Papua New Guinea	0.2	32.3	0.1	0.0	0.1	1.5	34.2
Paraguay	22.0		5.6	0.6	0.7	4.8	33.7
Peru	16.8	0.2	4.4	2.7	1.6	2.5	28.1
Philippines	8.8		2.0	43.6	3.8	7.7	65.8
Poland	13.3	16.3	0.8		6.1	24.5	61.0
Portugal	3.7	0.3	0.5	0.4	0.6	3.3	8.8
Qatar	0.4		0.2		0.0	0.9	1.5
Republic of Korea	5.3		1.1	4.3	1.2	7.0	18.9
Republic of Moldova	0.5	0.1	0.1		0.3	1.0	2.1
Romania	7.4	0.6	1.2	0.1	1.9	6.5	17.7
Russian Federation	43.8	35.4	4.0	1.5	8.3	52.7	145.7
Rwanda	1.8	2.3	0.9	0.1	0.0	0.6	5.6
Saint Kitts and Nevis	0.0		0.0		0.0	0.0	0.0
Saint Lucia	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	0.1	0.2
San Marino							
Sao Tome and Principe	0.0		0.0		0.0	0.0	0.0
Saudi Arabia	3.1		2.0	0.0	1.0	12.1	18.3
Senegal	5.8		3.0	0.7	0.2	3.5	13.1
Serbia	2.7	0.0	0.3		1.0	2.7	6.8
Seychelles	0.0		0.0		0.0	0.0	0.0
Sierra Leone	1.0		0.6	1.1		1.0	3.8
Singapore	0.0		0.0		0.0	0.6	0.6
Slovakia	1.0	0.0	0.1		0.7	1.0	2.8
Slovenia	1.0	0.2	0.1		0.1	0.7	2.1
Solomon Islands	0.0	0.0	0.0	0.0		0.1	0.1
Somalia	16.7		5.2	0.0		1.0	22.9
South Africa	15.4	0.5	7.7	0.0	2.3	11.8	37.6
South Sudan	19.4	8.7	8.8			13.2	50.0
Spain	17.2	0.5	2.6	1.5	5.7	22.1	49.6
Sri Lanka	1.6	1.5	0.2	2.9	0.5	0.6	7.4
Sudan	49.8		21.4	0.0	0.9	6.7	78.9
Suriname	0.1	0.9	0.0	0.5	0.1	0.4	1.9
Sweden	2.9	6.2	0.3		1.0	3.0	13.3
Switzerland	3.5	0.4	0.3		0.3	2.0	6.5
Syrian Arab Republic	3.2		1.7		0.1	2.0	7.0
Tajikistan	4.7		0.8	0.1	0.0	1.3	7.0
Thailand	7.9	1.5	1.8	43.5	8.7	17.1	80.3
Timor-Leste	0.5		0.1	0.1		0.2	1.0

TABLE 55.
FARM-GATE GREENHOUSE GAS EMISSIONS BY ACTIVITY, 2019 (MILLION TONNES CO₂EQ) (CONTINUED)

COUNTRY	ENTERIC FERMENTATION	DRAINED ORGANIC SOILS	MANURE LEFT ON PASTURE	RICE CULTIVATION	SYNTHETIC FERTILIZERS	OTHER	TOTAL
Togo	1.3		0.8	0.0	0.0	1.0	3.2
Tonga	0.0		0.0		0.0	0.0	0.1
Trinidad and Tobago	0.1		0.1	0.0	0.0	0.2	0.4
Tunisia	2.2		1.5		0.4	2.0	6.1
Turkey	24.4	0.0	13.4	1.0	9.5	14.5	62.8
Turkmenistan	6.1		1.5	1.1		2.8	11.4
Tuvalu	0.0		0.0			0.0	0.0
Uganda	18.7	8.1	8.6	0.2	0.1	2.8	38.5
Ukraine	8.2	12.7	0.6	0.1	7.3	14.6	43.5
United Arab Emirates	1.4		0.6		0.1	1.9	4.0
United Kingdom of Great Britain and Northern Ireland	26.6	6.8	4.4		5.7	12.7	56.3
United Republic of Tanzania	31.0	5.6	14.2	4.6	0.7	9.9	65.9
United States of America	170.6	47.0	34.8	9.8	64.6	149.9	476.7
Uruguay	19.3	0.2	5.1	1.1	0.9	1.6	28.3
Uzbekistan	23.3		3.9	0.4	4.0	6.3	38.0
Vanuatu	0.3		0.1			0.1	0.5
Venezuela (Bolivarian Republic of)	26.7	2.5	6.8	1.3	1.4	5.6	44.2
Viet Nam	12.8	5.3	3.0	36.9	8.6	12.5	79.1
Yemen	4.5		2.4		0.1	0.4	7.4
Zambia	3.8	16.1	1.9	0.0	1.0	15.2	38.1
Zimbabwe	6.1		2.8	0.1	0.3	2.6	11.9

Complete series are available at <http://www.fao.org/faostat/en/#data/GT>

TABLE 56.
EMISSIONS INTENSITY OF AGRICULTURAL COMMODITIES, 2017 (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		RICE, PADDY	CEREALS EXCLUDING RICE
World	25.5	21.8	1.5	0.6	4.9	0.9	0.6	0.9	0.2
Africa	47.8	31.3	7.1	1.1	6.6	3.3	1.1	1.1	0.2
Americas	25.2	38.9	2.2	0.4	5.8	0.7	0.5	0.9	0.2
Asia	24.5	15.0	1.1	0.8	4.9	1.0	0.6	0.9	0.2
Europe	14.9	24.1	1.5	0.3	3.2	0.6	0.9	3.2	0.2
Oceania	22.8	27.8	4.1	0.3		0.7	0.4	0.8	0.2
Afghanistan	12.0	11.7		0.4	6.7	3.2	3.1	1.2	0.1
Albania	5.9	8.9	4.1	0.9	4.6	1.4	0.9		0.4
Algeria	6.2	12.3	11.8	1.9	7.6	0.7	0.4	197.1	0.1
Andorra									
Angola	51.7	51.5	7.7	3.8		3.3	1.1	5.7	0.2
Antigua and Barbuda	16.7	101.9	24.5	15.3		2.4	1.3		0.1
Argentina	29.4	56.0	2.1	0.1		0.7	0.3	1.1	0.1
Armenia	6.1	3.9	2.7	0.4	1.5	0.8	0.5		1.3
Australia	24.5	33.7	2.5	0.2		0.6	0.4	0.7	0.2
Austria	11.3	16.5	1.4	0.3	0.6	0.6	0.6		0.2
Azerbaijan	10.7	18.0	2.6	0.6	1.9	1.2	0.9	2.0	0.1
Bahamas	6.6	43.2	3.3	2.0		2.1	0.8		0.2
Bahrain	4.3	0.4		0.2	2.1	0.8	0.6		
Bangladesh	74.7	64.5		0.0	4.1	8.1	3.4	0.7	0.2
Barbados	91.8	24.1	2.1	0.8		1.2	1.8		1.0
Belarus	16.4	18.8	1.5	2.1		0.6	1.3		0.3
Belgium	12.1	8.2	1.4	0.1		0.5	0.7		0.2
Belize	120.0	64.3	2.9	0.2		2.1	1.3	0.6	0.5
Benin	50.7	54.5	21.6	0.8		8.2	7.4	0.3	0.1
Bhutan	27.2	35.0	2.6	0.2		1.2	1.0	0.7	0.1
Bolivia (Plurinational State of)	58.5	53.6	6.2	1.5	7.0	0.8	1.3	0.7	0.1
Bosnia and Herzegovina	24.9	160.3	15.4	0.8	4.7	1.3	1.9		0.4
Botswana	60.9	31.7	1.8	0.3		1.2	1.3		2.9
Brazil	34.6	38.8	2.4	0.3		1.1	0.8	0.5	0.2
Brunei Darussalam	2.3	31.2	5.4	2.7		5.5	1.4	1.9	
Bulgaria	30.5	11.0	1.6	0.3	4.3	0.8	1.0	5.9	0.3
Burkina Faso	86.6	118.9	18.1	2.7	3.4	12.6	2.1	3.0	0.1
Burundi	30.8	37.6	14.9	1.1	9.3	3.3	1.6	0.8	0.3
Cabo Verde	30.8	55.0	7.9	3.5		3.0	0.8		0.7
Cambodia	74.1		4.3	2.0		12.8	1.6	1.1	0.1
Cameroon	74.8	34.1	17.2	2.6	9.3	2.8	1.9	1.3	0.1
Canada	20.3	11.4	2.1	0.4		0.5	0.4		0.3
Central African Republic	51.1	33.8	17.0	4.7		6.6	1.7	1.0	0.1
Chad	69.3	35.8	12.2	3.5	6.0	12.1	1.0	1.2	0.1
Chile	16.1	45.8	1.1	0.6		1.0	0.3	1.0	0.3
China	15.8	9.8	0.9	0.5	7.0	0.8	0.6	0.8	0.2

TABLE 56.
EMISSIONS INTENSITY OF AGRICULTURAL COMMODITIES, 2017 (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		RICE, PADDY	CEREALS EXCLUDING RICE
Colombia	35.4	64.1	3.3	0.3		1.9	0.4	1.2	0.6
Comoros	37.9	50.5		2.6		1.2	1.3	4.8	0.1
Congo	69.2	54.2	16.0	1.6		1.2	2.2	2.9	0.2
Costa Rica	12.6	37.3	1.8	0.7		1.5	0.3	0.7	0.6
Côte d'Ivoire	64.5	41.7	11.7	4.4		15.2	1.6	0.4	0.2
Croatia	12.7	28.1	2.9	0.5	3.8	0.9	0.9		0.2
Cuba	66.8	34.2	2.0	1.9		1.3	0.6	2.0	0.1
Cyprus	8.7	5.9	2.4	0.4	1.4	0.3	0.4		0.7
Czechia	28.0	11.2	1.3	0.4	9.0	0.4	0.7		0.3
Democratic People's Republic of Korea	39.3	32.5	2.4	0.0		0.9	0.7	0.8	0.1
Democratic Republic of the Congo	78.9	61.4	11.3	7.2		1.6	2.2	0.9	0.2
Denmark	14.3	27.4	2.0	0.3		0.4	0.7		0.2
Djibouti	49.7	41.1				4.7			0.1
Dominica	19.7	62.0	2.7	1.7		2.2	0.9		0.2
Dominican Republic	61.8	53.7	2.0	2.1		1.3	0.4	2.0	0.4
Ecuador	25.1	16.7	1.1	1.9	5.8	1.0	0.3	1.9	0.3
Egypt	8.1	9.7	7.2	0.5	4.0	1.2	0.5	0.8	0.3
El Salvador	61.3	28.5	7.5	0.3		0.9	0.5	0.5	0.3
Equatorial Guinea	115.2	75.6	11.7	5.4			1.4		
Eritrea	70.6	63.1		2.4	3.2	9.9	1.6		0.2
Estonia	24.8	40.2	1.6	0.3		0.4	0.3		0.2
Eswatini	33.5	12.3	7.2	2.7		5.6	1.2	0.5	0.1
Ethiopia	141.5	119.4	4.8	16.0	5.9	6.3	1.3	1.3	0.1
Fiji	135.8	64.6	14.8	0.8		1.8	0.5	1.4	18.8
Finland	13.1	32.6	1.5	0.1		0.4	0.5		0.2
France	20.1	15.4	1.4	0.4	1.3	0.6	0.6	24.2	0.1
Gabon	29.9	52.5	17.5	2.9		1.2	1.7	2.5	0.7
Gambia	113.3	39.5	7.8	3.3		1.2	1.7	7.1	0.1
Georgia	25.7	20.8	2.2	1.0	3.8	1.7	0.5		0.6
Germany	12.9	14.3	1.2	0.5		0.5	0.5		0.2
Ghana	69.0	43.2	8.4	4.3		12.0	2.5	0.7	0.2
Greece	19.4	6.3	2.6	0.6	2.6	0.7	0.8	2.7	0.2
Grenada	46.2	24.8	2.7	0.9		2.6	0.7		0.1
Guatemala	30.4	55.4	10.3	0.3		2.9	0.4	0.6	0.4
Guinea	88.4	50.5	20.3	8.6	3.2	7.6	1.8	2.0	0.2
Guinea-Bissau	98.2	60.2	7.5	2.8	2.6	1.2	1.4	1.0	0.1
Guyana	51.7	45.5	6.6	3.7		1.5	1.2	1.6	0.4
Haiti	46.2	32.4	7.0	2.6		8.4	0.7	1.0	0.2
Honduras	60.4	32.2	9.4	0.9		1.5	0.5	0.6	0.5
Hungary	39.3	210.2	1.2	0.2	4.8	0.4	1.1	36.4	0.2
Iceland	21.4	12.2	1.1	0.0		0.7	0.5		
India	108.3	45.9	5.0	0.4	7.9	1.0	0.5	0.7	0.3

TABLE 56.
EMISSIONS INTENSITY OF AGRICULTURAL COMMODITIES, 2017 (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		RICE, PADDY	CEREALS EXCLUDING RICE
Indonesia	46.2	37.7	4.7	3.7	7.3	1.5	0.7	1.1	0.2
Iran (Islamic Republic of)	4.7	18.0		1.9	5.8	0.4	0.4	1.2	0.1
Iraq	88.4	14.3		2.1	10.6	2.6	0.6	1.3	0.3
Ireland	17.5	21.9	1.3	0.5		0.7	0.9		0.1
Israel	3.7	6.3	3.8	0.3	2.3	0.1	0.4		0.4
Italy	10.4	17.7	1.6	0.3	3.5	0.6	0.9	1.9	0.2
Jamaica	33.7	16.0	6.0	0.4		2.1	0.9	6 136.8	0.4
Japan	9.7	14.9	0.9	0.3	2.1	0.2	0.4	0.8	0.2
Jordan	1.3	9.7		0.6	4.5	0.3	0.2		0.2
Kazakhstan	15.1	20.2	1.0	0.4	2.3	0.9	0.5	1.3	0.1
Kenya	23.8	97.9	11.8	4.1	5.2	2.8	1.4	0.7	0.2
Kiribati			5.8	2.3			2.2		
Kuwait	10.4	2.5		3.5	0.9	0.3	0.7		0.1
Kyrgyzstan	12.0	14.6	0.3	0.2	2.4	1.1	0.8	2.2	0.1
Lao People's Democratic Republic	88.0		8.0	5.0		1.7	1.0	0.6	0.1
Latvia	25.5	34.6	2.2	0.0		0.6	0.4		0.1
Lebanon	0.8	5.4	2.7	4.4	3.6	0.5	0.7		0.2
Lesotho	187.4	810.9	14.8	0.3		1.2	1.3		0.1
Liberia	37.3	61.9	8.2	2.4		1.2	1.4	0.4	
Libya	13.7	31.8		1.0	6.2	1.4	0.9		0.4
Lithuania	17.8	36.7	2.3	0.2		0.7	0.8		0.2
Luxembourg	28.2	48.3	1.8	0.2		0.5	0.5		0.3
Madagascar	57.2	49.9	7.2	3.4		5.6	1.4	1.0	0.1
Malawi	34.4	29.9	5.6	0.5	2.4	3.2	1.5	1.2	0.2
Malaysia	25.5	18.1	1.7	0.5		2.9	0.8	1.1	0.2
Maldives									3.0
Mali	59.8	13.4	9.7	3.5	6.9	5.0	2.1	0.6	0.2
Malta	14.2	9.0	2.6	0.7	1.4	0.6	0.6		0.2
Marshall Islands									
Mauritania	58.3	48.4		2.8	5.6	1.2	2.0	1.2	0.2
Mauritius	0.1	18.4	10.7	1.4		2.0	0.7	9.4	83.0
Mexico	25.4	22.9	2.7	0.5	5.1	0.4	0.4	3.3	0.2
Micronesia (Federated States of)	123.5		15.0	2.4			2.0	2.9	0.1
Mongolia	50.2	41.3	7.5	4.6	13.9	4.6	0.5		0.5
Montenegro	8.9	12.8	4.2	0.3	4.8	1.4	1.0		0.6
Morocco	7.0	22.3	3.6	0.9	5.6	1.2	1.1	3.4	0.2
Mozambique	94.8	31.0	3.8	0.4		1.3	1.2	2.2	0.2
Myanmar	48.4	17.4	3.3	0.6	12.3	4.0	0.9	1.0	0.1
Namibia	87.0	38.4	4.1	1.4		3.7	2.2		0.7
Nauru			16.2	0.9			0.8		
Nepal	90.6	34.7	6.9	4.0	3.5	2.6	1.1	0.8	0.1
Netherlands	9.8	18.3	2.1	0.2		0.4	0.6		0.2

TABLE 56.
EMISSIONS INTENSITY OF AGRICULTURAL COMMODITIES, 2017 (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		RICE, PADDY	CEREALS EXCLUDING RICE
New Zealand	16.0	19.0	2.1	0.3		0.8	0.4		0.3
Nicaragua	45.8	52.2	10.1	0.5		2.9	0.8	0.3	0.5
Niger	90.9	84.4	8.2	3.8	4.7	4.8	2.4	0.6	0.1
Nigeria	56.3	55.2	7.5	0.6		6.9	1.5	1.3	0.2
North Macedonia	49.1	20.7	3.8	0.8	3.8	1.3	1.1	2.2	0.3
Norway	13.8	24.6	1.5	0.4		0.5	0.6		0.2
Oman	22.8	0.9		2.2	3.7	2.2	0.4		0.6
Pakistan	23.7	33.4		1.1	4.2	1.4	1.1	1.0	0.4
Palau									
Panama	32.8		2.2	0.5		1.7	0.5	0.2	0.4
Papua New Guinea	56.9	43.6	10.5	1.7		34.8	0.8	21.0	5.4
Paraguay	46.9	35.1	1.5	1.0		0.9	0.6	0.6	0.1
Peru	41.1	64.8	4.5	0.4		0.9	0.4	0.8	0.5
Philippines	18.5	50.6	1.3	0.3		0.7	1.2	1.9	0.3
Poland	12.7	46.2	1.1	0.2	21.5	0.5	1.1		0.2
Portugal	29.9	33.9	1.8	0.0	1.4	0.5	0.6	2.2	0.5
Qatar	23.7	4.0		2.5	3.0	1.3	0.5		258.0
Republic of Korea	17.6	45.5	1.0	0.5		0.2	0.6	0.8	0.6
Republic of Moldova	12.7	20.4	1.1	2.5	7.5	0.8	1.1		0.2
Romania	16.5	8.7	2.0	0.4	4.3	0.9	1.7	8.1	0.1
Russian Federation	13.2	27.4	1.2	0.3	171.3	0.7	1.0	2.5	0.1
Rwanda	32.3	18.7	31.8	1.0	2.7	3.2	1.3	0.5	0.2
Saint Kitts and Nevis	53.6	177.1	28.8	1.6			1.0		
Saint Lucia	39.6	18.5	3.4	1.2		1.5	0.7		
Saint Vincent and the Grenadines	28.4	32.3	3.7	1.8		1.5	0.6		0.0
Samoa	56.3		25.9	3.4		3.4	1.1		
San Marino									
Sao Tome and Principe	4.2	183.4	19.7	1.6		1.2	1.2		0.1
Saudi Arabia	3.1	13.8		1.2	6.5	0.2	0.6		0.4
Senegal	44.2	36.1	8.2	3.1	13.5	8.5	2.0	0.5	0.2
Serbia	13.8	15.5	2.3	0.3	2.5	1.1	1.0		0.2
Seychelles	17.4		3.0	0.4		2.8	0.8		
Sierra Leone	62.2	85.3	6.5	2.1		1.2	2.9	0.8	0.1
Singapore	6.9			0.0			0.5		
Slovakia	54.2	50.4	2.0	0.3	4.8	0.4	1.0		0.2
Slovenia	19.4	23.0	2.2	0.1	1.5	0.6	0.7		0.3
Solomon Islands	34.2		8.7	1.2		2.4	1.3	3.2	
Somalia	108.2	26.9	10.1	3.4	3.0	4.2	2.0	1.7	0.2
South Africa	13.4	28.1	1.7	0.4		0.5	0.6	56.5	0.2
South Sudan	21.1	16.4		2.4	9.7	4.6			0.1
Spain	16.3	33.6	1.9	0.3	1.2	0.5	0.6	2.5	0.3
Sri Lanka	24.3	20.3	13.6	0.3		1.5	0.5	1.5	1.0

TABLE 56.
EMISSIONS INTENSITY OF AGRICULTURAL COMMODITIES, 2017 (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		RICE, PADDY	CEREALS EXCLUDING RICE
Sudan	78.1	13.8		2.6	10.8	4.5	1.1	4.5	0.2
Suriname	31.8	91.5	3.8	1.9		0.7	1.5	1.4	388.0
Sweden	15.5	32.5	0.1	0.0		0.4	0.5		0.2
Switzerland	12.8	18.3	1.5	0.4	0.6	0.6	0.5		0.2
Syrian Arab Republic	10.2	7.7		0.2	3.4	0.7	0.7		0.1
Tajikistan	32.0	12.5	0.0	5.4		2.6	0.8	1.5	0.2
Thailand	52.8	48.2	1.8	0.5		1.2	0.8	1.4	0.2
Timor-Leste	251.0	120.0	6.9	4.3			0.8	1.4	0.1
Togo	36.5	85.8	14.8	3.2		1.2	1.3	0.3	0.1
Tonga	68.7		19.2	3.5		2.1	1.3		
Trinidad and Tobago	50.9	35.2	2.7	2.5		4.7	1.8	8.0	0.4
Tunisia	3.6	24.1	11.9	2.2	2.5	0.5	1.5		0.3
Turkey	10.0	7.7		0.4	2.5	0.6	0.6	0.8	0.3
Turkmenistan	13.2	21.1	4.1	2.5		1.2	0.5	5.1	0.1
Tuvalu			46.9	2.8			3.2		
Uganda	71.2	39.8	5.8	1.9		3.9	1.2	0.7	0.1
Ukraine	8.0	15.8	1.7	0.3	5.4	0.6	1.3	19.2	0.2
United Arab Emirates	4.2	72.3		1.7	5.4	1.7	0.5		8.5
United Kingdom of Great Britain and Northern Ireland	16.4	33.0	1.4	0.3		0.5	0.7		0.2
United Republic of Tanzania	70.9	58.9	9.7	0.9		7.9	1.0	1.5	0.2
United States of America	11.9	17.4	2.0	0.3		0.4	0.5	1.1	0.2
Uruguay	30.8	87.1	3.3	4.0		0.8	0.3	1.0	0.4
Uzbekistan	15.1	12.1	0.3	2.3	5.9	1.1	0.5	3.4	0.3
Vanuatu	113.0		10.6	2.4		16.1	1.3		0.2
Venezuela (Bolivarian Republic of)	56.7	38.6	5.1	0.8		2.1	0.3	2.1	0.6
Viet Nam	25.5		1.4	1.2		0.8	0.8	0.9	0.2
Yemen	12.6	29.1		1.4	8.3	3.0	1.0		0.2
Zambia	20.6	51.6	10.2	2.7		1.2	1.4	2.1	0.4
Zimbabwe	70.2	161.2	3.6	1.1		3.8	1.3	12.7	0.5

Complete series are available at <http://www.fao.org/faostat/en/#data/EI>

TABLE 57.
TEMPERATURE CHANGE (DEGREE CELSIUS)

COUNTRY	2000	2005	2010	2015	2016	2017	2018	2019	2020
World	0.73	1.11	1.22	1.42	1.67	1.44	1.30	1.46	1.72
Africa	0.48	1.13	1.53	1.23	1.41	1.22	1.21	1.35	1.25
Americas	0.72	1.03	1.30	1.34	1.74	1.32	0.95	1.23	1.32
Asia	0.70	0.88	1.27	1.31	1.49	1.50	1.37	1.43	1.56
Europe	1.35	1.55	0.82	2.13	2.31	1.99	2.03	2.12	3.37
Oceania	0.14	1.09	0.64	0.98	1.14	1.09	1.08	1.35	1.36
Afghanistan	1.04	0.48	1.70	1.17	1.58	1.63	1.68	1.13	0.65
Albania	1.12	0.22	1.15	1.70	1.62	1.29	2.19	1.86	1.67
Algeria	0.87	1.31	2.29	1.15	1.78	1.54	1.25	1.13	1.94
Andorra	0.95	0.81	0.37	1.56	1.85	1.78	1.76	1.80	2.38
Angola	0.25	1.08	1.16	1.32	1.73	0.95	1.26	1.75	1.06
Antigua and Barbuda	0.19	0.65	0.96	0.81	0.89	0.67	0.51	0.76	1.10
Argentina	-0.22	0.17	0.04	0.89	0.42	1.01	0.78	0.66	1.04
Armenia	1.12	0.54	2.61	1.90	1.32	0.88	2.75	1.81	1.90
Australia	0.12	1.14	0.62	1.04	1.13	1.11	1.10	1.41	1.40
Austria	1.79	0.66	0.68	2.18	2.12	1.77	2.56	2.41	2.36
Azerbaijan	1.11	0.84	2.29	1.60	1.39	1.24	2.18	1.97	1.97
Bahamas	0.31	0.51	0.41	1.40	1.35	1.51	1.14	1.58	1.71
Bahrain	1.15	1.07	2.14	2.36	1.63	2.09	2.25	2.13	2.12
Bangladesh	0.34	0.77	1.01	0.80	1.40	1.24	1.04	1.26	1.05
Barbados	0.19	1.06	1.10	0.86	1.15	0.79	0.51	0.97	0.82
Belarus	1.94	1.28	1.46	2.24	2.19	1.59	2.34	2.70	3.52
Belgium	1.49	1.20	0.23	1.37	1.87	1.71	2.18	2.05	2.55
Belize	0.06	0.79	0.78	1.24	1.37	1.27	0.74	1.44	1.65
Benin	0.47	1.15	1.28	1.19	1.14	1.26	1.13	1.23	1.14
Bhutan	0.13	0.76	1.20	0.99	1.46	1.44	1.39	1.28	1.10
Bolivia (Plurinational State of)	0.50	1.05	0.99	1.77	1.02	1.25	0.82	1.25	1.67
Bosnia and Herzegovina	1.54	0.15	1.01	1.89	1.75	1.50	2.36	2.12	2.00
Botswana	-0.56	1.50	1.16	2.02	1.82	0.33	1.00	1.83	0.82
Brazil	0.55	1.12	1.11	1.60	1.49	1.35	1.17	1.53	1.45
Brunei Darussalam	0.30	0.82	0.80	1.04	1.52	1.07	1.08	1.28	1.26
Bulgaria	1.20	0.21	1.38	1.50	1.96	1.01	2.25	2.21	2.18
Burkina Faso	0.62	1.52	1.32	1.18	1.14	1.28	1.23	1.15	1.12
Burundi	0.53								
Cabo Verde	1.13	0.50	1.95	0.68	1.33	1.63	0.54	1.13	1.41
Cambodia	0.23	0.72	1.17	1.04	1.35	1.00	0.72	1.54	1.44
Cameroon	0.49	1.14	1.28	1.14	1.21	1.17	1.05	1.53	1.05
Canada	1.29	1.30	2.92	1.23	2.41	1.50	0.52	1.34	1.16
Central African Republic	0.81	1.32	1.30	1.01	1.24	1.23	1.21	1.28	1.21
Chad	0.38	1.21	1.29	1.33	0.92	1.03	1.52	1.38	1.04
Chile	-0.28	0.08	-0.12	0.73	0.83	0.67	0.33	0.46	0.73
China	0.58	1.06	0.98	1.34	1.38	1.64	1.42	1.47	1.70

TABLE 57.
TEMPERATURE CHANGE (DEGREE CELSIUS) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2016	2017	2018	2019	2020
Colombia	-0.14	0.61	0.89	1.09	0.94	0.63	0.97	1.23	1.39
Comoros	0.07	0.37	0.98	0.84	0.81	1.06	0.82	1.41	1.14
Congo	0.44	0.80	1.22	1.02	1.48	1.16	1.18	1.31	1.41
Costa Rica	-0.19	0.58	0.97	0.97	0.94	0.73	1.18	1.39	1.46
Côte d'Ivoire	0.48	1.12	1.35	1.35	1.54	1.58	1.40	1.40	1.35
Croatia	1.63	0.31	0.89	1.97	1.88	1.60	2.36	2.21	2.11
Cuba	0.54	0.61	0.53	1.14	1.20	1.34	1.16	1.60	1.63
Cyprus	0.67	0.41	2.07	1.25	1.63	0.92	2.24	1.64	1.80
Czechia	1.93	0.77	0.44	2.13	2.09	1.61	2.67	2.56	2.36
Democratic People's Republic of Korea	0.66	0.95	0.46	1.25	1.47	1.65	0.91	1.92	2.02
Democratic Republic of the Congo	0.53	1.08	1.29	0.97	1.45	1.19	1.34	1.33	1.56
Denmark	1.72	1.29	-0.19	1.52	1.86	1.62	2.11	2.19	2.62
Djibouti	0.94	1.29	1.11	1.64	1.40	1.68	1.02	1.26	
Dominica	0.15	0.64	1.03	0.71	0.86	0.62	0.42	0.58	0.87
Dominican Republic	0.50	0.83	1.14	1.19	1.11	0.85	0.97	1.12	1.33
Ecuador	0.22	0.71	0.65	1.40	1.39	0.96	0.97	1.17	1.21
Egypt	0.08	0.52	2.35	1.22	1.38	0.63	2.05	1.06	1.09
El Salvador	0.03	0.68	0.66	1.34	1.30	0.75	0.80	1.00	1.73
Equatorial Guinea	0.35	0.75	0.92	0.85	1.46	1.34	0.69	1.52	1.43
Eritrea	0.55	0.78	1.62	1.78	1.05	1.41	0.98	0.80	
Estonia	2.05	1.59	0.52	2.36	1.89	1.48	2.39	2.18	3.60
Eswatini	-0.24	0.85	0.97	0.78	0.87	0.38	0.84	1.34	0.27
Ethiopia	0.57	1.12	1.26	1.40	1.49	1.46	0.94	1.36	1.36
Fiji	0.62	0.59	0.78	0.62	1.09	1.27	1.06	0.97	1.18
Finland	2.05	2.22	0.26	2.63	2.17	1.50	2.17	1.47	3.34
France	1.14	1.00	0.35	1.56	1.74	1.74	2.01	1.96	2.48
Gabon	0.29	0.72	0.96	0.89	1.42	1.39	0.90	1.55	1.43
Gambia	1.13	1.63	1.48	1.52	1.92	2.03	1.32	1.63	2.05
Georgia	0.97	0.54	2.34	1.73	1.32	0.79	2.48	1.68	1.92
Germany	1.76	1.03	0.20	1.67	1.99	1.65	2.40	2.34	2.52
Ghana	0.48	1.02	1.32	1.22	1.33	1.41	1.17	1.39	1.36
Greece	0.70	0.22	1.57	0.91	1.58	0.66	1.95	1.50	1.45
Grenada	0.24	0.87	1.13	0.70	0.80	0.75	0.33	0.57	0.82
Guatemala	0.38	0.78	0.72	1.18	1.39	1.03	0.87	1.41	1.71
Guinea	0.69	1.37	1.54	1.43	1.44	1.81	1.53	1.80	1.68
Guinea-Bissau	1.18	1.64	1.64	1.72	2.04	2.17	1.62	1.94	2.20
Guyana	0.55	1.10	1.15	1.59	1.64	1.31	1.41	1.30	1.50
Haiti	0.83	1.00	1.03	1.26	1.19	0.99	1.11	1.36	1.28
Honduras	0.13	1.13	0.93	1.22	1.45	1.10	0.82	1.25	1.85
Hungary	1.76	0.27	0.83	2.10	1.93	1.38	2.58	2.41	2.05
Iceland	0.32	0.52	1.23	0.46	1.45	1.74	0.86	1.37	0.80
India	0.34	0.58	1.10	0.65	1.05	0.95	0.86	0.77	0.46

TABLE 57.
TEMPERATURE CHANGE (DEGREE CELSIUS) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2016	2017	2018	2019	2020	
Indonesia	0.27	0.70	0.80	0.79	1.46	0.97	0.88	1.06	1.26	
Iran (Islamic Republic of)	1.19	0.81	2.20	1.84	1.64	1.75	2.04	1.62	1.36	
Iraq	0.87	0.40	2.54	1.81	1.51	1.45	2.30	1.64	1.78	
Ireland	0.56	1.16	-0.09	0.44	1.05	1.28	0.80	1.22	1.10	
Israel	0.16	0.12	2.23	1.24	1.53	0.65	1.88	1.07	1.31	
Italy	1.25	0.59	0.75	1.74	1.74	1.62	1.87	1.71	1.90	
Jamaica	0.29	0.88	1.23	1.15	1.29	1.07	1.54	1.46	1.56	
Japan	0.60	0.71	0.90	0.82	1.30	0.77	0.90	1.25	1.41	
Jordan	0.26	-0.02	2.48	1.35	1.57	0.87	1.90	1.22	1.57	
Kazakhstan	1.49	1.56	1.31	1.61	2.25	1.76	0.65	1.49	2.85	
Kenya	0.50	0.79	1.10	1.16	1.26	1.51	0.64	1.61	1.33	
Kiribati	0.07		0.62	1.03	1.30	1.11	1.01	1.02	1.31	
Kuwait	1.18	0.75	2.55	2.08	1.59	1.93	2.32	1.83	1.91	
Kyrgyzstan	1.09	1.16	1.32	1.48	1.89	1.44	1.23	1.65	1.39	
Lao People's Democratic Republic	0.04	0.88	1.32	1.31	1.32	1.07	0.81	2.05	1.61	
Latvia	2.00	1.34	0.68	2.14	1.90	1.47	2.33	2.43	3.51	
Lebanon	0.50	0.27	2.31	1.41	1.70	1.11	2.20	1.47	1.71	
Lesotho	0.31	0.75	1.06	1.14	1.79	0.83	0.72	1.56	0.67	
Liberia	0.51	1.13	1.45	1.33	1.52	1.54	1.37	1.55	1.63	
Libya	0.24	0.63	2.07	0.69	1.50	0.47	1.70	0.97	1.28	
Lithuania	2.03	1.21	0.76	2.10	1.94	1.54	2.42	2.64	3.43	
Luxembourg	1.65	1.13	0.32	1.52	1.86	1.64	2.46	2.15	2.63	
Madagascar	0.43	0.63	1.20	1.17	1.12	1.44	1.12	1.70	1.36	
Malawi	0.70	1.34	0.97	0.99	1.31	1.22	1.04	1.23	1.36	
Malaysia	0.36	0.87	0.98	1.13	1.58	1.11	1.17	1.43	1.36	
Maldives	0.28	0.86	0.68	0.81	0.85	0.71	0.65	0.92	0.93	
Mali	0.72	1.43	1.72	1.09	1.16	1.41	1.18	1.24	1.17	
Malta	1.07	0.61	1.07	1.43	1.68	1.14	1.34	0.95	1.24	
Marshall Islands	-0.13	0.34	0.38	0.50	0.80	0.61	0.40	0.61	0.72	
Mauritania	1.19	1.34	2.02	1.36	1.59	1.91	1.01	1.43	1.82	
Mauritius	0.39	0.63	1.35	1.38	1.36	1.56	1.30	1.76	1.47	
Mexico	0.58	0.73	0.24	1.05	1.24	1.47	1.11	1.25	1.57	
Micronesia (Federated States of)	-0.10	0.18	0.37	0.36	0.75	0.76	0.62	0.66	0.67	
Mongolia	1.01	0.97	0.34	2.17	1.43	2.52	2.24	1.86	2.36	
Montenegro				1.21	1.79	1.56	1.36	2.32	1.94	1.80
Morocco	0.91	1.28	2.15	1.26	1.95	2.23	0.64	1.58	2.17	
Mozambique	0.23	1.08	0.90	0.97	1.19	0.92	0.84	1.19	0.97	
Myanmar	0.24	1.00	1.33	1.31	1.54	1.43	1.18	1.88	1.87	
Namibia	-0.23	1.08	1.17	1.09	1.49	0.84	1.23	1.94	0.61	
Nauru										
Nepal	0.17	0.79	1.28	0.67	1.19	1.12	0.65	0.67	-0.02	
Netherlands	1.60	1.25	0.09	1.28	1.92	1.72	2.13	2.14	2.48	

TABLE 57.
TEMPERATURE CHANGE (DEGREE CELSIUS) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2016	2017	2018	2019	2020
New Zealand	0.26	0.43	0.56	0.54	1.18	0.61	1.16	1.11	0.91
Nicaragua	0.09	0.93	0.90	1.08	1.27	0.98	1.10	1.36	1.53
Niger	0.88	1.37	1.79	1.06	1.20	1.03	1.20	1.10	0.93
Nigeria	0.57	1.26	1.49	1.23	1.21	1.19	1.07	1.26	1.03
North Macedonia	1.11	0.17	1.37	1.55	1.72	1.16	2.17	1.93	1.57
Norway	1.45	1.78	-0.33	1.81	1.73	1.56	1.49	1.21	2.40
Oman	0.78	0.94	1.28	1.45	1.14	1.59	1.27	0.98	0.53
Pakistan	0.71	0.17	1.28	0.61	1.23	1.32	1.42	0.61	0.38
Palau	0.55	0.53	0.57	1.15	1.21	1.07	1.14		0.31
Panama	-0.05	0.57	0.86	0.92	0.83	0.69	1.08	1.28	1.38
Papua New Guinea	0.29	0.75	1.05	0.41	1.37	1.00	0.66	0.66	1.04
Paraguay	0.05	0.55	0.36	1.52	0.23	1.16	0.55	1.36	1.56
Peru	0.38	0.82	1.00	1.25	1.38	0.93	0.70	1.00	1.50
Philippines	0.64	0.68	0.97	1.06	1.50	1.20	1.22	1.33	1.46
Poland	1.89	0.89	0.40	2.00	2.04	1.46	2.42	2.64	2.65
Portugal	0.66	0.97	1.13	1.40	1.68	2.13	0.88	1.26	1.97
Qatar	1.02	0.90	2.02	2.09	1.59	1.95	2.10	1.90	1.80
Republic of Korea	0.43	0.96	0.56	0.85	1.54	1.36	0.87	1.44	1.44
Republic of Moldova	1.46	0.87	1.32	2.02	2.11	1.44	2.09	2.40	3.08
Romania	1.34	0.31	1.18	1.85	1.94	1.22	2.33	2.31	2.29
Russian Federation	1.33	1.72	0.89	2.26	2.47	2.14	2.06	2.19	3.70
Rwanda	0.35								
Saint Kitts and Nevis	0.19	0.65	0.96	0.81	0.89	0.67	0.51	0.76	1.10
Saint Lucia	0.18	0.80	1.08	0.73	0.88	0.69	0.39	0.62	0.84
Saint Vincent and the Grenadines	0.24	0.86	1.13	0.71	0.80	0.74	0.33	0.55	0.81
Samoa	0.60	0.88	1.02	0.63	1.16	1.06	0.81	1.16	1.07
San Marino	1.43	0.53	0.79	1.93	1.84	1.75	2.04	1.86	2.04
Sao Tome and Principe	0.40	0.58	0.86	0.81	1.53	1.22	0.93	1.31	1.55
Saudi Arabia	0.71	0.48	2.06	1.86	1.51	1.75	1.86	1.78	1.59
Senegal	0.96	1.38	1.47	1.30	1.66	1.86	1.08	1.53	1.80
Serbia			1.19	1.78	1.74	1.32	2.37	2.15	1.87
Seychelles	0.42	0.70	1.26	1.48	1.43	1.52	1.25	1.71	1.77
Sierra Leone		1.60	1.83	1.62	1.53	2.23	1.71	2.08	1.99
Singapore	0.59	1.04	1.26	1.46	1.89	1.39	1.38	2.04	1.56
Slovakia	1.65	0.43	0.70	2.14	1.96	1.29	2.58	2.46	2.07
Slovenia	1.83	0.54	0.83	2.19	2.11	1.79	2.49	2.43	2.32
Solomon Islands	0.34	0.52	0.29	0.42	0.66	0.46	0.48	0.43	0.42
Somalia	0.62	1.19	1.15	1.63	1.44	1.80	0.84	1.75	2.04
South Africa	0.27	1.10	1.23	1.42	1.67	1.15	1.08	1.83	0.87
South Sudan				1.20	1.31	1.37	1.23	1.03	0.66
Spain	0.84	0.91	0.91	1.53	1.71	2.03	1.14	1.51	2.02
Sri Lanka	0.58	0.87	1.01	0.95	1.33	1.05	0.78	1.23	1.30

TABLE 57.
TEMPERATURE CHANGE (DEGREE CELSIUS) (CONTINUED)

COUNTRY	2000	2005	2010	2015	2016	2017	2018	2019	2020
Sudan				1.58	1.28	1.31	1.33	0.99	0.61
Suriname	0.61	1.40	1.63	1.74	2.22	1.87	1.69	1.97	2.14
Sweden	1.74	1.84	-0.26	2.09	1.86	1.60	1.85	1.58	2.94
Switzerland	1.41	0.81	0.46	1.96	1.84	1.82	2.33	2.10	2.50
Syrian Arab Republic	0.63	0.21	2.44	1.36	1.86	1.22	2.46	1.65	1.98
Tajikistan	0.95	0.78	1.29	1.25	1.77	1.34	1.66	1.34	1.03
Thailand	0.08	0.89	1.32	1.21	1.46	1.01	0.82	1.75	1.52
Timor-Leste		1.13	0.85	0.63	1.56	0.86		0.66	1.45
Togo	0.54	0.99	1.32	1.20	1.26	1.35	1.18	1.34	1.23
Tonga	0.39	0.75	0.89	0.79	1.31	1.11	1.05	1.63	1.42
Trinidad and Tobago	0.35	0.98	1.22	0.75	0.84	1.00	0.35	0.87	1.07
Tunisia	1.07	1.09	1.80	1.17	1.86	1.33	1.46	1.29	1.95
Turkey	0.52	0.41	2.34	0.81	1.58	0.77	2.63	1.70	1.91
Turkmenistan	1.29	1.29	1.91	1.42	2.00	1.69	1.54	1.87	1.58
Tuvalu	0.42	0.71	0.83	0.70	0.83	0.92	0.88	0.98	1.10
Uganda	0.41	1.35	1.23	0.98	1.06	1.45	0.78	1.29	0.93
Ukraine	1.42	1.03	1.66	2.09	2.13	1.44	2.25	2.38	3.03
United Arab Emirates	0.84	0.73	1.58	1.63	1.15	1.65	1.59	1.27	1.30
United Kingdom of Great Britain and Northern Ireland	0.72	1.11	-0.06	0.61	1.17	1.43	1.01	1.25	1.39
United Republic of Tanzania	0.45	1.05	1.11	1.28	1.13	1.58	1.10	1.47	1.18
United States of America	1.00	1.16	0.69	1.53	2.23	1.44	1.28	1.04	1.33
Uruguay	0.40	0.85	0.34	1.13	0.42	1.67	1.33	0.91	1.11
Uzbekistan	1.39	1.36	1.78	1.39	2.26	1.75	1.00	1.89	1.67
Vanuatu	0.84	0.55	0.87	0.58	1.12	1.02	0.36	0.69	1.00
Venezuela (Bolivarian Republic of)	0.08	0.66	1.06	1.02	0.99	0.63	0.73	1.05	1.18
Viet Nam	0.18	0.86	1.12	1.22	1.16	1.12	0.82	1.78	1.51
Yemen									
Zambia	0.11	1.16	1.45	1.86	1.30	0.63	0.89	1.31	1.30
Zimbabwe	-0.29	1.33	1.07	1.23	1.47	0.44	0.75	1.36	0.82

Complete series are available at <http://www.fao.org/faostat/en/#data/ET>

ENDNOTES

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- 21** The methodology for compiling the food balance sheets was revised at the end of 2019. Data up to 2013 still use the previous methodology, which may cause breaks in series. More information on the new methodology is available at <http://fenixservices.fao.org/faostat/static/documents/FBS/New%20FBS%20methodology.pdf>. A summary of the methodological changes can be found at <http://fenixservices.fao.org/faostat/static/documents/FBS/Key%20differences%20between%20new%20and%20old%20Food%20Balance%20Sheet.pdf>.
- 22 FAO.** 1998. *Evaluating the potential contribution of organic agriculture to sustainability goals* [online]. Rome. <http://www.fao.org/3/ac116e/ac116e00.htm>.
- 23 FAO & UN-Water.** 2021. *Progress on level of water stress. Global baseline for SDG 6 Indicator 6.4.2: Level of water stress: freshwater withdrawal as a proportion of available freshwater resources*. Rome. FAO and UN-Water (also available at <http://www.fao.org/3/cb6241en/cb6241en.pdf>).

WORLD FOOD AND AGRICULTURE

STATISTICAL YEARBOOK
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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 policy makers, 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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